

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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ORGANIZATIONAL, DS, GS, AND DEPOT MAINTENANCE MANUAL INCLUDING REPAIR

PARTS AND SPECIAL TOOLS LIST

GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN, TRAILER MOUNTED

PU-238A/G, PU-236/G, FSN 6115-393-1709  
PU-236B/G, FSN 6115-738-6334  
PU-253A/U, PU-253/U, FSN 6115-697-2402  
PU-304C/MPQ-4, FSN 6115-056-8421  
PU-332/G, FSN 6115-577-8471  
PU-332A/G, FSN 6115-738-8336  
PU-375A/G, PU-375/G, FSN 6115-753-2231  
PU-375B/G, FSN 6115-931-8789  
PU-401/M, FSN 6115-823-2217  
PU-402/M, FSN 6115-722-3760  
PU-406/M, FSN 6115-738-6342  
PU-409/M, FSN 6115-702-3343  
PU-409A/M, FSN 6115-733-6338  
PU-495/G, FSN 6115-823-2213  
PU-551/G, FSN 6115-889-1307  
PU-564A/G, FSN 6115-728-6341  
PU-564B/G, FSN 6115-179-2789  
PU-617/M, FSN 6115-738-6335  
PU-618/M, FSN 6115-738-6337  
PU-619/M, FSN 6115-738-6339  
PU-620/M, FSN 6115-738-6340  
PU-625/G, FSN 6115-873-3915  
PU-628/G, FSN 6115-087-0373  
PU-629/G, FSN 6115-937-5555  
PU-631/G, FSN 6115-059-5172  
PU-656/G, FSN 6115-939-3296

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<p>This copy is a reprint which includes current pages from Changes 1 through 7.</p>
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CHANGE

NO. 11

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 17 September 1991

Operator, Organizational, Direct Support, General Support, and Depot Maintenance Manual  
Including Repair Parts and Special Tools List

GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN,  
TRAILER MOUNTED

PU-236A/G, PU-236/G, NSN 6115-00-393-1709  
PU-236B/G, NSN 6115-00-738-6334  
PU-235A/U, PU-253/U, NSN 6115-00-697-2402  
PU-304C/MPQ-4, NSN 6115-00-056-8421  
PU-332/G, NSN 6115-00-577-8471  
PU-332A/G, NSN 6115-00-738-6336  
PU-375A/G, PU-375/G, NSN 6115-753-2231  
PU-375B/G, NSN 6115-00-931-6789  
PU-401/M, NSN 6115-00-823-2217  
PU-402/M, NSN 6115-00-722-3760  
PU-406/M, NSN 6115-00-738-6342  
PU-409/M, NSN 6115-00-702-3343  
PU-409A/M, NSN 6115-00-738-6338  
PU-495/G, NSN 6115-00-823-2218  
PU-551/G, NSN 6115-00-889-1307  
PU-564A/G, NSN 6115-00-738-6341  
PU-564B/G, NSN 6115-00-179-2789  
PU-617/M, NSN 6115-00-738-6335  
PU-618/M, NSN 6115-00-738-6337  
PU-619/M, NSN 6115-00-738-6339  
PU-620/M, NSN 6115-00-738-6340  
PU-625/G, NSN 6115-00-837-3915  
PU-628/G, NSN 6115-00-087-0873  
PU-629/G, NSN 6115-00-937-5555  
PU-631/G, NSN 6115-00-059-5172  
PU-656/G, NSN 6115-00-939-3296  
PU-650B/G, NSN 6115-00-989-3296

Approved for public release; distribution is unlimited

TM 5-6115-365-15, dated 11 May 1966, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

2-23 through 2-25/(2-26 blank)  
3-23 through 3-26  
4-23 through 4-26

Insert pages

2-23 through 2-25/(2-26 blank)  
3-23 through 3-26  
4-23 through 4-26

Remove pages

22-3 and 22-4  
23-1 and 23-2

Insert pages

22-3 and 22-4  
23-1 and 23-2

2. Retain this sheet in front of manual for reference purposes.

**By Order of the Secretary of the Army:**

**GORDON R. SULLIVAN**  
*General, United States Army*  
*Chief of Staff*

**Official:**

**PATRICIA P. HICKERSON**  
*Brigadier General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25E, (qty rqr block no. 4191)

CHANGE

NO. 10

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 29 NOVEMBER 1990

Operator, Organizational, Direct Support, General Support, and Depot Maintenance Manual  
Including Repair Parts and Special Tools List

**GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN,  
TRAILER MOUNTED**

**PU-236A/G, PU-236/G, NSN 6115-00-393-1709**

**PU-236B/G, NSN 6115-00-738-6334**

**PU-235A/U, PU-253/U, NSN 6115-00-697-2402**

**PU-304C/MPQ-4, NSN 6115-00-056-8421**

**PU-332/G, NSN 6115-00-577-8471**

**PU-332A/G, NSN 6115-00-738-6336**

**PU-375A/G, PU-375/G, NSN 6115-00-753-2231**

**PU-375B/G, NSN 6115-00-931-6789**

**PU-401/M, NSN 6115-00-823-2217**

**PU-402/M, NSN 6115-00-722-3760**

**PU-406/M, NSN 6115-00-738-6342**

**PU-409/M, NSN 6115-00-702-3343**

**PU-409A/M, NSN 6115-00-738-6338**

**PU-495/G, NSN 6115-00-823-2218**

**PU-551/G, NSN 6115-00-889-1307**

**PU-564A/G, NSN 6115-00-738-6341**

**PU-564B/G, NSN 6115-00-179-2789**

**PU-617/M, NSN 6115-00-738-6335**

**PU-618/M, NSN 6115-00-738-6337**

**PU-619/M, NSN 6115-00-738-6339**

**PU-620/M, NSN 6115-00-738-6340**

**PU-625/G, NSN 6115-00-873-3915**

**PU-628/G, NSN 6115-00-087-0873**

**PU-629/G, NSN 6115-00-937-5555**

**PU-631/G, NSN 6115-00-059-5172**

**PU-656/G, NSN 6115-00-939-3296**

**PU-650B/G, NSN 6115-00-989-3296**

Approved for public release; distribution is unlimited

TM 5-6115-365-15, 11 May 1966 is changed as follows:

1. Title is changed as shown above.

2. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

2-1 and 2-2

-----

2-19 and 2-20

3-1 and 3-2

4-1 and 4-2

Insert pages

2-1/(2-2 blank)

2-2.1 through 2-2.10

2-19 and 2-20

3-1 and 3-2

4-1 and 4-2

16-1 and 16-2  
17-1 and 17-2  
-----  
18-23 through 18-26  
19-1 and 19-2  
20-21 and 20-22  
20-33 and 20-34  
20-41 and 20-42  
21-1 and 21-2  
-----  
22-1 and 22-2  
-----  
22-27 and 22-28  
22-33 and 22-34  
22-41/(22-42 blank)  
B-1 and B-2

16-1 and 16-2  
17-1 and 17-2  
17-2.1 through 17-2.6  
18-23 through 18-26  
19-1 and 19-2  
20-21 and 20-22  
20-33 and 20-34  
20-41 and 20-42  
21-1 and 21-2  
21-2.1 through 21-2.7/(21-2.8 blank)  
22-1 and 22-2  
22-2.1 through 22-2.10  
22-27 and 22-28  
22-33 and 22-34  
22-41/(22-42 blank)  
B-1 and B-2

3. Retain this sheet in front of manual for reference purposes.

**By Order of the Secretary of the Army:**

**CARL E. VUONO**  
*General, United States Army*  
*Chief of Staff*

**Official:**

**THOMAS F. SIKORA**  
*Brigadier General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25E, (qty rqr block no. 4191).

CHANGE }  
NO. 9 }

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 17 March 1989

**Operator, Organizational, Direct Support, General Support, and  
Depot Maintenance Manual  
Including Repair Parts and Special Tools List**

**GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN,  
TRAILER MOUNTED**

PU-236A/G, PU-236G, NSN 6115-00-393-1709  
PU-236B/G, NSN 6115-00-738-6334  
PU-253A/U, PU-253/U, NSN 6115-00-697-2402  
PU-304C/MPQ-4, NSN 6115-00-056-8421  
PU-332/G, NSN 6115-00-577-8471  
PU-332A/G, NSN 6115-00-738-8336  
PU-375A/G, PU-375/G, NSN 6115-00-753-2231  
PU-375B/G, NSN 6115-00-931-6789  
PU-401/M, NSN 6115-00-823-2217  
PU-402/M, NSN 6115-00-722-3760  
PU-4/M, NSN 6115-00-738-6342  
PU-409/M, NSN 6115-00-702-3343  
PU-409A/M, NSN 6115-738-6338  
PU-495/G, NSN 6115-00-823-2218  
PU-551/G, NSN 6115-00-889-1307  
PU-564A/G, NSN 6115-738-6341  
PU-564B/G, NSN 6115-00-179-2789  
PU-617/M, NSN 6115-00-738-6335  
PU-618/M, NSN 6115-00-738-6337  
PU-619M, NSN 6115-00-738-6339  
PU-620/M, NSN 6115-00-738-6340  
PU-625/G, NSN 6115-00-837-3915  
PU628/G, NSN 6115-00-087-0873  
PU-629/G, NSN 6115-00-937-5555  
PU-631/G, NSN 6115-00-059-5172  
PU-656/G, NSN 6115-00-939-3296  
PU-650B/G, NSN 6115-989-3296

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Remove pages

2-1 and 2-2  
2-21 and 2-22  
4-23 and 4-24  
4-29 and 4-30

Insert pages

2-1 and 2-2  
2-21 and 2-22  
4-23 and 4-24  
4-29 and 4-30

Remove pages

4-33 through 4-36  
22-5 through 22-10  
-----  
22-19 through 22-24  
22-29 through 22-32  
22-35 and 22-36

Insert pages

4-33 through 4-36  
22-5 through 22-10  
22-10.1/22-10.2  
22-19 through 22-24  
22-29 through 22-32  
22-35 and 22-36

2. Retain this sheet in front of manual for reference purposes.

**By Order of the Secretary of the Army:**

**CARL E. VUONO**  
*General, United States Army*  
*Chief of Staff*

**Official:**

WILLIAM J. MEEHAN, II  
*Brigadier General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25A, Operator, Unit, Direct Support and General Support Maintenance requirements for Generator Set, Gas/Diesel Engine, Trailer Mounted (PU Series)

CHANGE

No. 8



HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 26 August 1987

Operator, Organizational, Direct Support, General Support,  
and Depot Maintenance Manual  
Including Repair Parts and Special Tools List

GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN, TRAILER MOUNTED

PU-236A/G, PU-236/G, NSN 6115-393-1709  
PU-236B/G, NSN 6115-00-738-6334  
PU-253A/U, PU-253/U, NSN 6115-00-697-2402  
PU-304C/MPQ-4, NSN 6115-00-056-8421  
PU-332/G, NSN 6115-00-577-8471  
PU-332A/G, NSN 6115-00-738-8336  
PU-375A/G, PU-375/G, NSN 6115-00-753-2231  
PU-375B/G, NSN 6115-00-931-6789  
PU-401/M, NSN 6115-00-823-2217  
PU-402/M, NSN 6115-00-722-3760  
PU-406/M, NSN 6115-00-738-8342  
PU-409/M, NSN 6115-00-702-3343  
PU-409A/M, NSN 6115-00-733-6338  
PU-495/G, NSN 6115-00-823-2218  
PU-551/G, NSN 6115-00-889-1307  
PU-564A/G, NSN 6115-00-728-6341  
PU-564B/G, NSN 6115-00-179-2789  
PU-617/M, NSN 6115-00-738-6335  
PU-618/M, NSN 6115-00-738-6337  
PU-619/M, NSN 6115-00-738-6339  
PU-620/M, NSN 6115-00-738-6340  
PU-625/G, NSN 6115-00-837-3915  
PU-628/G, NSN 6115-00-087-0873  
PU-629/G, NSN 6115-00-937-5555  
PU-631/G, NSN 6115-00-059-5172  
PU-656/G, NSN 6115-00-989-3296

TM 5-6115-365-15, 11 May 1966, is changed as follows:

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Remove pages

v and vi  
1-1 through 1-4  
2-1 through 2-6  
2-11 and 2-12  
2-17 and 2-18

Insert pages

v and vi  
1-1 through 1-4  
2-1 through 2-6  
2-11 and 2-12  
2-17 and 2-18



Remove pages

2-21 through 2-25  
3-1 through 3-4  
3-7 and 3-8  
3-10  
3-11 and 3-12  
3-15 and 3-16  
3-21 through 3-26  
4-1 through 4-4  
4-21 through 4-26  
7-5 and 7-6  
11-5 and 11-6  
12-5 and 12-6  
16-1 and 16-2  
17-11 and 17-12  
18-1 and 18-2  
18-9 and 18-10  
18-17 and 18-18  
19-5 and 19-6  
19-13 and 19-14  
-----  
19-23 and 19-24  
19-27  
20-1 and 20-2  
20-13 and 20-14  
20-33 and 20-34  
20-37 and 20-38  
20-41 and 20-42  
20-45  
21-15 and 21-16  
22-1 and 22-2  
22-5 and 22-6  
22-13 and 22-14  
22-19 through 22-26  
22-33 and 22-34  
22-37 and 22-38  
A-1  
B-1 and B-2

Insert pages

2-21 through 2-25/2-26  
3-1 through 3-4  
3-7 and 3-8  
-----  
3-11 and 3-12  
3-15 and 3-16  
3-21 through 3-26  
4-1 through 4-4  
4-21 through 4-26  
7-5 and 7-6  
11-5 and 11-6  
12-5 and 12-6  
16-1 and 16-2  
17-11 and 17-12  
18-1 and 18-2  
18-9 and 18-10  
18-17 and 18-18  
19-5 and 19-6  
19-13 and 19-14  
19-14.1/19-14.2  
19-23 and 19-24  
19-27 and 19-28  
20-1 and 20-2  
20-13 and 20-14  
20-33 and 20-34  
20-37 and 20-38  
20-41 and 20-42  
20-45 and 20-46  
21-15 and 21-16  
22-1 and 22-2  
22-5 and 22-6  
22-13 and 22-14  
22-19 through 22-26  
22-33 and 22-34  
22-37 and 22-38  
A-1/A-2  
B-1 and B-2

3. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

Official:

**JOHN A. WICKHAM, JR.**  
*General, United States Army*  
*Chief of Staff*

**R. L. WORTH**  
*Brigadier General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25A, Operator, Unit, Direct Support and General Support Maintenance requirements for Generator Set, Diesel Engine Driven, Trailer Mounted and Generator Sets, Gas/Diesel Engine, Trailer Mounted (PU Series).

CHANGE }  
NO. 7 }

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 20 August 1984

Operator, Organizational, Direct Support, General Support,  
Depot Maintenance Manual  
Including Repair Parts and Special Tools List

GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN,  
TRAILER MOUNTED

PU-236A/G, PU-236/G, NSN 6115-00-393-1709  
PU-236B/G, NSN 6115-00-738-6334  
PU-253A/U, PU-253/U, NSN 6115-00-697-2402  
PU-304C/MPQ-4, NSN 6115-00-056-8421  
PU-332/G, NSN 6115-00-577-8471  
PU-332A/G, NSN 6115-00-738-8336  
PU-375A/G, PU-375/G, NSN 6115-00-753-2231  
PU-375B/G, NSN 6115-00-931-6789  
PU-401/M, NSN 6115-00-823-2217  
PU-402/M, NSN 6115-00-722-3760  
PU-406/M, NSN 6115-00-738-8342  
PU-409/M, NSN 6115-00-702-3343  
PU-409A/M, NSN 6115-00-733-6338  
PU-495/G, NSN 6115-00-823-2218  
PU-551/G, NSN 6115-00-889-1307  
PU-564A/G, NSN 6115-00-728-6341  
PU-564B/G, NSN 6115-00-179-2789  
PU-617/M, NSN 6115-00-738-6335  
PU-618/M, NSN 6115-00-738-6337  
PU-619/M, NSN 6115-00-738-6339  
PU-620/M, NSN 6115-00-738-6340  
PU-625/G, NSN 6115-00-837-3915  
PU-628/G, NSN 6115-00-087-0873  
PU-629/G, NSN 6115-00-937-5555  
PU-631/G, NSN 6115-00-059-5172  
PU-656/G, NSN 6115-00-939-3296  
PU-650B/G, NSN 6115-00-258-1622

TM 5-6115-365-15, 11 May 1966, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

Insert pages

22-1 and 22-2

22-1 and 22-2

2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

Official:

**JOHN A. WICKHAM, JR.**  
*General, United States Army*  
*Chief of Staff*

**ROBERT M. JOYCE**  
*Major General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25D, Operator Maintenance Requirements for Motor Generators, Truck and Trailer Mounted Generators (PU's).

CHANGE }  
No. 6

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 28 May 1976

**Operator, Organizational, Direct Support, General Support, and  
Depot Maintenance Manual  
Including Repair Parts and Special Tools List**

**GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN,  
TRAILER MOUNTED**

**PU-236A/G, PU-236/G, NSN 6115-00-393-1709  
PU-236B/G, NSN 6115-00-7384334  
PU-253A/U, PU-253/U, NSN 6115-00-697-2402  
PU-304C/MPQ-4, NSN 6115-00-0564-8421  
PU-332/G, NSN 6115-00-5774471  
PU-332A/G, NSN 6115-00-738-8336  
PU-375A/G, PU-375/G, NSN 6115-00-753-2231  
PU-375B/G, NSN 6115-00-931-6789  
PU-401/M, NSN 6115-00-823-2217  
PU-402/M, NSN 6115-00-722-3760  
PU-406/M, NSN 6115-00-7384342  
PU-409/M, NSN 6115-00-702-3343  
PU-409A/M, NSN 6115-00-733-6338  
PU-495/G, NSN 6115-00-823-2218  
PU-551/G, NSN 6115-00-889-1307  
PU-564A/G, NSN 6115-00-728-6341  
PU-564B/G, NSN 6115-00-179-2789  
PU-617/M, NSN 6115-00-738-6335  
PU-618/M, NSN 6115-00-738-6337  
PU-619/M, NSN 6115-00-738-6339  
PU420/M, NSN 6115-00-738-6340  
PU-625/G, NSN 6115-00-837-3915  
PU-628/G, NSN 6115-00-087-0873  
PU-629/G, NSN 6115-00-937-5555  
PU-631/G, NSN 6115-00-059-5172  
PU-656/G, NSN 6115-00-939-3296  
PU-650B/G, NSN 6115-00-258-1622  
Current as of 8 March 1976**

TM 5-6115-365-15, 11 May 1966, is changed as follows:

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*Remove pages*

i through iv  
vii  
None

*Insert pages*

i through iv  
vii  
23-1 thru 23-12

2. File this change sheet in front of the publication for reference purposes.

By Order of the Secretary of the Army:

Official:

**FRED C. WEYAND**  
*General, United States Army*  
*Chief of Staff*

**PAUL T. SMITH**  
*Major General, United States Army*  
*The Adjutant General*

Distribution:

To be distributed in accordance with DA Form 12-25D (qty rqr block No. 782), Organizational maintenance requirements for Truck and Trailer Mounted Generator Sets (PU's).

Changes in force: C1 thru C5

Change }  
No. 5 }

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC 5 July 1974

**Organizational, DS, GS, and Depot Maintenance Manual  
Including Repair Parts and Special Tools List  
GENERATOR SETS. GASOLINE AND DIESEL ENGINE DRIVEN,  
TRAILER MOUNTED**

PU-238A/G, PU-236/G, FSN 6115-393-1709  
PU-236B/G, FSN 6115-738-6334  
PU-253A/U, PU-253/U, FSN 6115-697-2402  
PU-304C/MPQ-4, FSN 6115-056-8421  
PU-332/G, FSN 6115-577-8471  
PU-332A/G, FSN 6115-738-8336  
PU-375A/G, PU-375/G, FSN 6115-753-2231  
PU-375B/G, FSN 6115-931-8789  
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PU-402/M, FSN 6115-722-3760  
PU-406/M, FSN 6115-738-6342  
PU-409/M, FSN 6115-702-3343  
PU-409A/M, FSN 6115-733-6338  
PU-495/G, FSN 6115-823-2213  
PU-551/G, FSN 6115-889-1307  
PU-564A/G, FSN 6115-728-6341  
PU-564B/G, FSN 6115-179-2789  
PU-617/M, FSN 6115-738-6335  
PU-618/M, FSN 6115-738-6337  
PU-619/M, FSN 6115-738-6339  
PU-620/M, FSN 6115-738-6340  
PU-625/G, FSN 6115-873-3915  
PU-628/G, FSN 6115-087-0373  
PU-629/G, FSN 6115-937-5555  
PU-631/G, FSN 6115-059-5172  
PU-656/G, FSN 6115-939-3296

TM 5-6115-365-15, 11 May 1966, is changed as follows:

1. Remove old pages and insert new pages as indicated below. New material is indicated by vertical bar in margin of the page. When an entire chapter or appendix is revised, the bar will be adjacent to the title only.

2. On the inside front cover delete the safety precautions.

*Remove Pages*

*Insert Pages*

None

Safety Precaution Page

3. File this transmittal sheet in the front of the manual for reference purposes.

By Order of the Secretary of the Army:

Official:

**CREIGHTON W. ABRAMS**  
*General, United States Army*  
*Chief of Staff*

**VERNE L. BOWERS**  
*Major General, United States Army*  
*The Adjutant General*

Distribution:

To be distributed in accordance with DA Form 12-25D (qty rqr block No. 782) organizational maintenance requirements for Truck and Trailer Mounted Generators (PU's).



## **SAFETY PRECAUTIONS**

### **NOTE**

These precautions are general and refer to most sets discussed in this manual. For detailed safety precautions for each individual piece of equipment that comprise the generator set, refer to the appropriate TM applicable to the equipment. Do not install the generator set in an enclosed area unless the exhaust fumes are piped to the outside. Inhalation of exhaust fumes may result in **SERIOUS ILLNESS or DEATH**.

Operation of this equipment presents a **NOISE HAZARD** to personnel in the areas the noise level exceeds the allowable limits for unprotected personnel as described in TB MED 251. Wear ear muffs or ear plugs which were fitted by a trained professional. Signs conforming to the provisions of AR 385-30 will be posted in the operating area to provide notification of **NOISE HAZARD** as follows: **NOISE HAZARD EQUIPMENT, HEARING PROTECTION REQUIRED**.

Do not operate generator set without a suitable ground connection. **DEATH** by electrocution may result when contact is made with an ungrounded system, Do not smoke or have open flame in the area when filling fuel tanks. Provide a metal-to-metal contact between the fuel supply container and the fuel tank to prevent static spark being generated as fuel flows over metallic surface.

Do not fill tank while unit is operating. Fuel spilled on a hot engine may cause an explosion. Do not perform maintenance on the electrical system or change load connections when unit is operating. **DEATH** or severe electrical shock may result.

### **WARNING**

Cleaning solvent, PD-680, is **POTENTIALLY DANGEROUS CHEMICAL**. Do not use near open flame when used for cleaning.

**ERRATA SHEET  
for  
TM 5-6115-365-15  
(REPRINT)**

Reprint of TM 5-6115-365-15, 11 May 1966, which included C1 through C4, inadvertently omitted pages B-1 and B-2. Insert attached pages in reprint copies.

TECHNICAL MANUAL

No. 5-6115-365-15

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 11 May 1966

**Operator, Organizational, Direct Support, General Support and  
Depot Maintenance Manual  
Including Repair Parts and Special Tools List**

**GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN,  
TRAILER MOUNTED**

**PU-236A/G, PU-236/G, NSN 6115-00-393-1709**

**PU-236B/G, NSN 6115-00-738-6334**

**PU-253A/U, PU-253/U, NSN 6115-00-697-2404**

**PU-304C/MPQ-4, NSN 6115-00-056-8421**

**PU-3321G, NSN 6115-00-577-8471**

**PU-332A/G, NSN 6115-00-738-6336**

**PU-375A/G, PU-375/G, NSN 6115-00-753-2231**

**PU-375B/G, NSN 6115-00-931-6789**

**PU-401/M, NSN 6115-00-823-2217**

**PU-402/M, NSN 6115-00-722-3760**

**PU-406/M, NSN 6115-00-738-6342**

**PU-409/M, NSN 6115-00-702-3348**

**PU-409A/M, NSN 6115-00-738-6338**

**PU-495/G, NSN 6115-00-823-2218**

**PU-551/G, NSN 6115-00-889-1307**

**PU-564A/G, NSN 6115-00-738-6341**

**PU-564B/G, NSN 6115-00-179-2789**

**PU-617/M, NSN 6115-00-738-6335**

**PU-618/M, NSN 6115-00-738-6337**

**PU-619/M, NSN 6115-00-738-6339**

**PU-620/M, NSN 6115-00-738-6340**

**PU-625/G, NSN 6115-00-837-3915**

**PU-628/G, NSN 6115-00-087-0873**

**PU-629/G, NSN 6115-00-937-5555**

**PU-631/G, NSN 6115-00-059-5172**

**PU-656/G, NSN 6115-00-989-3296**

Current as of 8 March 1976

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## CHAPTER 1

### INTRODUCTION

---

#### Section I. GENERAL

##### 1-1. Scope

a. This manual is published for the use of personnel to whom the trailer-mounted generator sets, described in chapters 2 through 20, are issued.

b. Each individual PU generator set is assigned a chapter. The assigned chapter provides information on setting-up, operation, and maintenance of ancillary equipment (components and accessories that are peculiar to each individual PU set).

c. The appropriate technical manuals published for the trailer, generator, and engine peculiar to each PU generator set are referenced in each chapter and these manuals must be used to supplement the information in this manual.

#### Note

**Sets such as PU-618/M and PU-620/M, which have only minor differences, are covered in the same chapter.**

##### 1-2. Forms and Records

a. DA Forms and records used for equipment maintenance will be only those prescribed in DA PAM 738-750.

b. Reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commander, US Army Troop Support, Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120-1798.

##### 1-3. External Fuel Tank Connections

a. Attach the auxiliary fuel hose from the auxiliary fuel tank to the three-way gate valve so that fuel may be drawn from the auxiliary tank, by turning valve to auxiliary, and the primary tank may be refueled away from the generator.

b. Keep fuel tanks, as near as possible, on the same plane as base of engine.

c. When starting engine at subzero temperature, fuel should be drawn from the nearest tank. When normal engine operating temperature has been reached, fuel may be drawn from auxiliary tank.

#### Section II. REPAIR PARTS

##### 1-4. Scope

This manual lists repair parts required for the performance of organizational, direct support, general support, and depot maintenance of the generator sets.

##### 1-5. General

a. The repair parts list is arranged as follows:

(1) Individual parts and major assemblies are listed alphabetically by item name within the numbered functional groups.

(2) Assembly components and subassemblies are indented and listed alphabetically by item name under major assemblies.

b. This Repair Parts List is divided into the following parts:

(1) *Repair parts part I.* A list of repair parts authorized for the performance of maintenance at the organizational level. The *Prescribed Load Allowance (PLA)* is those repair parts quantitatively allocated to organizational level in the repair parts list. These items are the mandatory minimum stockage allowances.

(2) *Repair parts part II.* A list of repair parts authorized for the performance

of maintenance at the direct support, general support, and depot level.

## 1-6. Explanation of Columns

The following provides an explanation of columns in the tabular lists in Part I and Part II.

a. *Source, Maintenance, and Recoverability Codes (SMR).*

### Note

**Common hardware items known to be readily available in Army supply channels will be assigned Maintenance codes only. Source codes, Recoverability codes, and Maintenance Allowances will not be assigned to this category.**

(1) *Source code.* Indicates the selection status and source for the listed item. Source codes used are:

CODE	EXPLANATION
P.....	Applied to repair parts which are stocked in or supplied from DSA/GSA or Army supply system, and authorized for use at indicated levels.
M.....	Applies to repair parts which are not procured or stocked but are to be manufactured at indicated maintenance levels.
A.....	Applied to assemblies which are not procured or stocked as such but made up of two or more units, each of which carry individual stock numbers and descriptions and are procured and stocked and can be assembled by units at indicated maintenance levels.
X.....	Applied to parts and assemblies which are not procured or stocked, the mortality of which is normally below that of the applicable end item, and the failure of which should result in retirement of the end item from the supply system.
X1.....	Applied to repair parts which are not procured or stocked, the requirement for which will be supplied by use of the next higher assembly or component.
X2.....	Applied to repair parts which are not stocked. The indicated maintenance level requiring such repair parts will attempt to obtain them through cannibalization; if not obtainable through cannibalization, such repair parts will be requisitioned with supporting justification through normal supply channels.
G.....	Applied to major assemblies that are procured with PEMA (Procurement Equipment Missile Army) funds for initial issue only to be used as exchange assemblies at DSU and GSU maintenance level. These assemblies will not be stocked above DSU and GSU level or returned to depot supply level.

(2) *Maintenance code.* Indicates the lowest level of maintenance authorized to install the listed item. The maintenance level codes are:

CODE	EXPLANATION
C.....	Operator maintenance
O.....	Organizational maintenance
F.....	Direct support maintenance
H.....	General support maintenance
D.....	Depot maintenance

(3) *Recoverability code.* Indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

CODE	EXPLANATION
R.....	Applied to repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are furnished by supply on an exchange basis.
T.....	Applied to high dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities.
U.....	Applies to repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value reusable casings or castings.

(4) This column also lists, below the SMR code, an index number for each item in ascending numerical sequence, which is used to locate items in the publication when the Federal stock number and/or reference number is not known.

b. *Federal Stock Number.* Indicates the Federal stock number for the item.

c. *Description.* Indicates the Federal item name and any additional description of the item required. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses. Repair parts quantities included in the kits, sets, and assemblies are shown in front of the repair part name.

d. *Unit of Measure.* Indicates the unit used as a basis for issue, e.g., ea, pr, ft, yd, etc.

e. *Quantity Incorporated in Unit.* Indicates the quantity of the item used in the functional group.

f. *Fifteen-Day Organizational Maintenance Allowances.*

(1) The allowance columns are divided into subcolumns. Indicated in each sub-column

opposite the first appearance of each item is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have no entry in the allowance columns but will have in the description column a reference to the first appearance of the item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for organizational level of maintenance represents one initial prescribed load for a 15-day period for the number of equipments supported. Units and organizations authorized additional prescribed loads will multiply the number of prescribed loads authorized by the quantity of repair parts reflected in the appropriate density column to obtain the total quantity of repair parts authorized.

(3) Organizational units providing maintenance for more than 100 of these equipments shall determine the total quantity of parts required by converting the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiplying the decimal factor by the parts quantity authorized in the 51-100 allowance column. Example: Authorized allowance for 51-100 equipments is 12; for 140 equipments multiply 12 by 1.40 or 16.80 rounded off to 17 parts required.

(4) Subsequent changes to allowances will be limited as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendation should be forwarded to U.S. Army Troop Support Command for exception or revision to the allowance list. Revisions to the range of items authorized will be made by this Command based upon engineering experience, demand data, or TAMMS information.

#### *g. Thirty-Day DS/GS Maintenance Allowances.*

(1) The allowance columns are divided into subcolumns: Indicated in each subcolumn, opposite the first appearance of each item, is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have no entry in the allowance column, but will have in the description column a reference to the first appearance of the item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for DS/GS levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

(3) Determination of the total quantity of parts required for maintenance of more than 100 of these equipments can be accomplished by converting the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiplying the decimal factor by the parts quantity authorized in the 51-100 allowance column. Example: Quantity authorized allowance for 51-100 equipments is 40; for 150 equipments multiply 40 by 1.50 or 60 parts required.

*h. One-Year Allowances Per 100 Equipments/Contingency Planning Purposes.* Indicates opposite the first appearance of each item the total quantity required for distribution and contingency planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year.

*i. Depot Maintenance Allowance Per 100 Equipments.* Indicates opposite the first appearance of each item the total quantity authorized for depot maintenance of 100 equipments. Subsequent appearances of the same item will have no entry in this column, but will have in the description column a reference to the first appearance of the item. Items authorized for use but not for initial stockage are identified with an asterisk in the allowance column.

#### *j. Illustration.*

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number.* Indicates the callout number used to reference the item in the illustration.

### **1-7. Special information**

*a.* Repair parts mortality has been based on 2000 hours of operation per year.

*b.* Parts which require manufacture or assembly at a level higher than that authorized for installation will indicate in the source column the higher level.

**1-8. Index of Federal Supply Codes for Manufacturers**

<i>Code</i>	<i>Manufacturer</i>	<i>Code</i>	<i>Manufacturer</i>
02032	John R. Hollingsworth	81343	Society of Automotive Engineers
04939	Martin-Marietta Corp.	81348	Federal Specification, GSA
06716	Lakeview Mfg. Co.	81349	Military Specification, DSA
12204	Chrysler Corp.	88044	Aeronautical Standards Group, Navy, and Air Force
14850	Tobyhanna Army Depot Maintenance Div.	96906	Military Standards, DSA
19702	Stardyne Industries	97403	Engineer R and D Laboratories
80204	U.S.A. Standards Institute		

**Section III. GENERAL MAINTENANCE****1-9. General**

For general maintenance, welding and painting, refer to the technical manuals designated for each generator set and trailer.

**1-10. Cleaning**

Cleaning the power units by wiping dirt and dust off the equipment with a clean, dry cloth. Use a brush on hard-to-remove dirt.

## CHAPTER 2

### GENERATOR SET PU-617/M

#### Section I. DESCRIPTION AND DATA

##### 2-1. Description

*a. General.* The PU-617/M is a self-contained, mobile, general purpose power supply (Refer to figure 2-1). The set is comprised of two 3 kW, model MEP 016A Military Standard generator sets, mounted on an M101 trailer, and includes the components listed in Table 2-1, below. The two generators are powered by directly coupled 4-cylinder, 6-hp Military Standard engines. A power transfer switch is provided for connecting the generators' output to a common load.

*b. Engines.* For description and maintenance information pertaining to the engines, refer to TM 5-2805-203-14.

*c. Generators.* For description and generator operation and maintenance information not covered in this chapter, refer to TM 5-6115-271-14.

*d. Trailer.* For description and trailer maintenance information, refer to TM 9-2330-202-14P.

##### 2-2. Tabulated Data

Table 2-1 lists the components for PU-617/M.

*Table 2-1. PU-617/M Components.*

FSN	Qty	Nomenclature
2330-738-8509	1	Trailer: M101
6115-01-143-3311	2	Generator: 3 kW, 60 cycle, Model SF 3.0 MD
2590-00-420-8929	1	Leg prop assembly, trailer
2910-066-1235	2	Adapter assembly, fuel drum
7240-222-3088	4	Can, gasoline: military 5-gallon
4210-00-555-8837	1	Fire extinguisher
5975-878-3791	2	Ground rod (w/attachments)
5120-251-4489	1	Sledge hammer

### 2-2.1. General

a. *Maintenance Forms and Records.* Every mission begins and ends with the paperwork. There isn't much of it, but you have to keep it up. The forms and records you fill out have several uses; they are a permanent record of the services, repairs, and modifications made on your equipment; they are reports to Organizational Maintenance and to your Commander; and they are a checklist for you when you want to know what is wrong with the equipment after its last use, and whether those faults have been fixed. For information you need on forms and records, see: DA Pamphlet 738-750.

b. *Preventive Maintenance Checks and Services.* (See Table 2-2)

(1) Do your before (B) PREVENTIVE MAINTENANCE just before you operate your equipment. Pay attention to the CAUTIONS and WARNINGS.

(2) Do your during (D) PREVENTIVE MAINTENANCE while the equipment and/or its component systems are in operation.

(3) Do your after (A) PREVENTIVE MAINTENANCE right after operating the equipment. Pay attention to the CAUTIONS and WARNINGS.

(4) Do your weekly (W) PREVENTIVE MAINTENANCE weekly.

(5) Do your monthly (M) PREVENTIVE MAINTENANCE once a month.

(6) If something doesn't work, troubleshoot it with the instructions in the appropriate TM and notify your supervisor.

(7) Always do your PREVENTIVE MAINTENANCE in the same order until it gets to be a habit. Once you've had some practice, you'll spot anything wrong in a hurry.

(8) If anything looks wrong and you can't fix it, write it on your DA Form 2404. If you find something seriously wrong, report it to Organizational Maintenance RIGHT NOW.

(9) When you do your PREVENTIVE MAINTENANCE, take along the tools you need to make all the checks. You always need a rag or two, also.

### 2-2.2. General Maintenance Procedures

a. *Cleanliness.* Dirt, grease, oil, and debris only get in the way and may cover up a serious problem. Clean as you work and as needed. Use dry cleaning solvent Type II, Fed. Spec PD-680, on all metal surfaces.

#### WARNING

**Dry cleaning solvent, Type II, Fed. Spec PD-680, is potentially dangerous to personnel and property. Do not use near open flame or excessive heat. Flash point of solvent is 139°F (59.4°C).**

b. *Bolts, Nuts, and Screws.* Check them all for obvious looseness, missing, bent, or broken condition. You can't try them all with a tool, of course, but look for chipped paint, bare metal, or rust around bolt heads. If you find one you think is loose, tighten it, or report it to Organizational Maintenance.

c. *Welds.* Look for loose or chipped paint, rust, or gaps where parts are welded together. If you find a bad weld, report it to Organizational Maintenance.

d. *Electric Wires and Connectors.* Look for cracked or broken insulation, bare wires, and loose or broken connectors. Check for loose connectors and make sure the wires are in good shape. Report loose connectors and bad wires to organizational maintenance.

e. *Hydraulic Lines and Fittings.* Look for wear, damage, leaks, and make sure clamps and fittings are tight. Wet spots show leaks, of course, but a stain around a fitting or connector can mean a leak. If a leak comes from a loose fitting or connector, report it to Organizational Maintenance. If something is broken or worn out, report it to Organizational Maintenance.

### 2-2.3. Fluid Leakage

It is necessary for you to know how fluid leakage affects the status of the fuel, lubricating, coolant and hydraulic systems. The following are definitions of the types/classes of leakage you need to know to be able to determine the status of your equipment. Learn, then be familiar with them and REMEMBER--WHEN in DOUBT, NOTIFY YOUR SUPERVISOR!

**CAUTION**

Equipment operation is allowable with minor leakages (Class I or II) except fuel. Of course, consideration must be given to the fluid capacity in the item/system being checked/inspected. When in doubt, notify your supervisor.

When operating with Class I or II leaks, check fluid levels more often than required in your PMCS.

Class III leaks should be reported to your supervisor or to Organizational Maintenance.

a. *Class I.* Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.

b. *Class II.* Leakage of fluid great enough to form drops but not enough to cause drops to drip from item being checked/inspected.

c. *Class III.* Leakage of fluid great enough to form drops that fall from the item being checked/ inspected.

Table 2-2. Operator/Crew Preventive Maintenance Checks and Services

**NOTE:**

These checks are to be made in the order listed, within designated interval.

B - Before

A - After

M - Monthly

D - During

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
1	•	•	•			<u>ENGINE</u> . Inspect engine for evidence of leakage (oil or fuel) on, around, or under engine.	Class III oil leak or any fuel leak.
2	•					<u>HARDWARE</u> . Check for loose, damaged, or missing hardware and parts.	
3	•					<u>AIR FILTER</u> . Check for a serviceable and clean air filter.	Restricted or dirty filter.
4	•					<u>FIRE EXTINGUISHER</u> . Check for damaged or broken seal. Check valve and indicator.	Contents indicator is not in green area, or valve is damaged, seal is broken.
5	•					<u>GROUNDING</u> . Check to insure generator is properly grounded. Check grounding connections. Check ground cable and clamps.	Generator set not properly grounded.
6	•					<u>FUEL FILTER</u> . Inspect the fuel bowl, filter element, filter head and bowl gasket.	Components are defective.
7	•					<u>OIL LEVEL</u> . Check oil level. Add oil as required.	Below add or above full mark.
8		•				<u>GAGES AND INSTRUMENTS</u> . Check for proper generator operation.	



Table 2-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE:****These checks are to be made in the order listed, within designated interval.**B - Before  
D - DuringA - After  
W - Weekly

M - Monthly

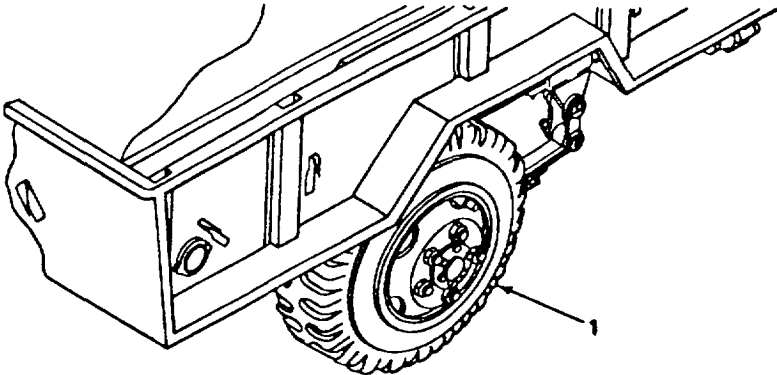
Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
8 cont.		•				<p>a. VOLTMETER. Models MEP-016A and MEP-021A adjust for desired voltage. Rotate voltage selector switch to monitor the various output voltage combinations. Model MEP-026A Adjust for proper DC volts (must not exceed 28 V max).</p> <p>b. FREQUENCY METER. Normal indication MEP-016A 59-61</p> <p>c. LOAD METER. Indicates percentage of applied load. Rotate current selector switch to monitor the load applied to each phase. Not to exceed 100%.</p> <p>d. TACHOMETER. ENNormal indication Models MEP-016A &amp; MEP-021 A.  MEP-016A 3564-3636 RPM MEP-021A 3394-3463 RPM</p>	<p>Desired voltage cannot be obtained and maintained.</p> <p>MEP-021A 392-408. Indicates frequency too high or too low.</p> <p>No indication when load is applied.</p> <p>RPM is not in the normal operating range.</p>
9		•				<p><u>TIRES</u></p> <p>Check tires (1) for cuts, foreign objects, or unusual tread wear. Remove any stones from between the treads. Check that tire pressure is 35 PSI (241.22 kPa) when tires are cool.</p> 	<p>One tire (1) is flat, missing, or unserviceable.</p>

Table 2-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE:****These checks are to be made in the order listed, within designated interval.**

B - Before

A - After

M - Monthly

D - During

W - Weekly

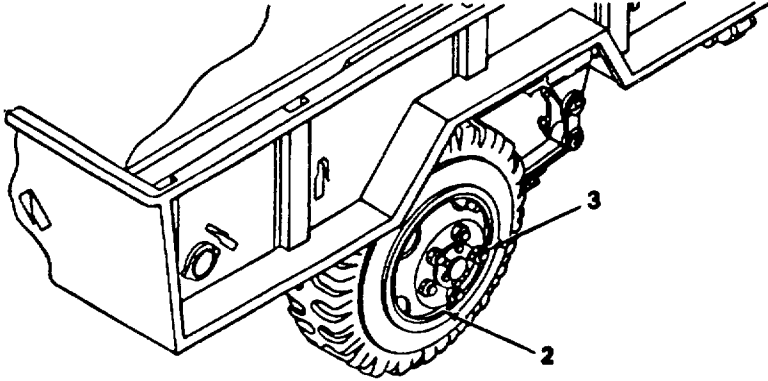
Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
10						<p><u>WHEELS</u></p> <p><b>NOTE</b> On Models M101, M101A1, M116, and M116A1, the left wheel and stud nuts are turned counterclockwise to tighten and clockwise to loosen. Right wheel and stud nuts are turned clockwise to tighten and counterclockwise to loosen. On Models M101A2 and M116A2 the left and right stud nuts are turned clockwise to tighten and counterclockwise to loosen.</p> <p>Check wheels (2) for damage and wheel stud nuts (3) for tightness and presence.</p> 	One wheel (2) is damaged. One wheel stud nut (3) loose or missing.
11						<p><u>DRAWBAR RING, INTERVEHICULAR CABLE, SAFETY CHAINS, AND FRAME</u></p> <p>a. Check drawbar ring (4) for secure mounting and obvious damage.</p> <p>b. Check intervehicular cable (5) for cuts and breaks.</p>	<p>Ring is loose or bent.</p> <p>Intervehicular cable is broken or missing.</p>

Table 2-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**

B - Before

A - After

M - Monthly

D - During

W - Weekly

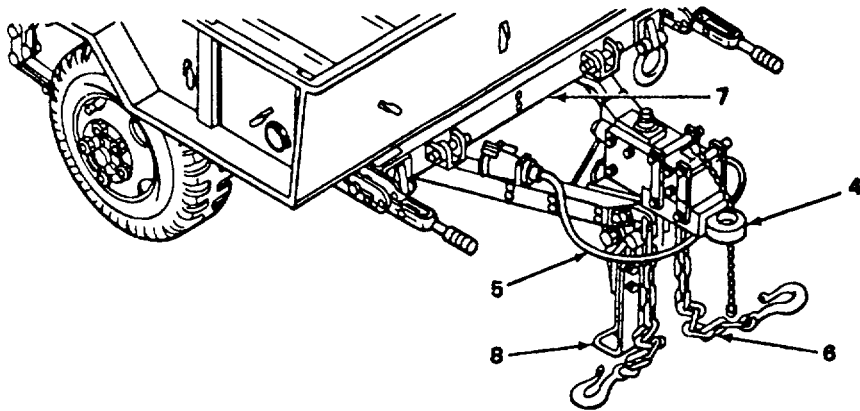
Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
11 cont.	•					c. Check safety chains (6) for secure mounting and obvious damage.  • d. Inspect the entire chassis frame (7) when trailer is loaded for damage, cracks, broken welds.	Safety chains are missing or unsecured.  Frame is obviously broken or cracked.
12		•				<u>SUPPORT LEG ASSEMBLY</u>  With trailer connected to towing vehicle, check support leg assembly (8) for ease of operation.	Support leg assembly is seized.
							
13		•				<u>BRAKE SYSTEM - Models M101A2 and M116A2 only.</u>  Test brake system by hooking trailer to towing vehicle.	Service brakes fail to operate.
14			•			<u>HANDBRAKES - All models</u>  With trailer hooked to towing vehicle, set the handbrakes (9). Move the trailer slightly to see if the handbrakes hold the wheels.	Handbrakes cannot be adjusted.

Table 2-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE**

These checks are to be made in the order listed, within designated interval.

B - Before

A - After

M - Monthly

D - During

W - Weekly

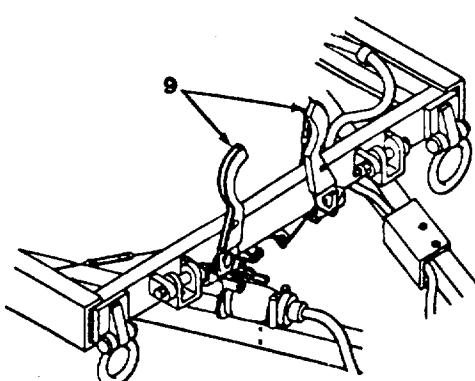
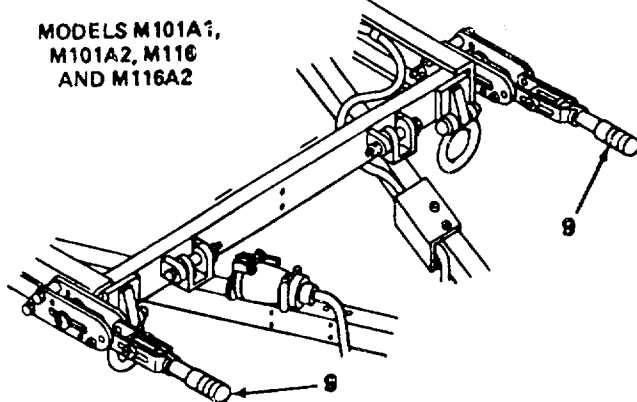
Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
						 	
15						<p><u>LIGHTS AND REFLECTORS</u></p> <p><b>NOTE</b></p> <p><b>An assistant is required while checking the brake lights.</b></p> <ul style="list-style-type: none"> <li>• a. Connect the intervehicular cable (10) to the towing vehicle.</li> <li>• b. Operate the vehicle light switch through all settings and check the lights (11). Check for damage and presence of reflectors (12).</li> </ul>	Lights or reflectors are damaged, missing, or fail to operate properly.

Table 2-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE**

These checks are to be made in the order listed, within designated interval.

B - Before  
D - During

A - After  
W - Weekly

M - Monthly

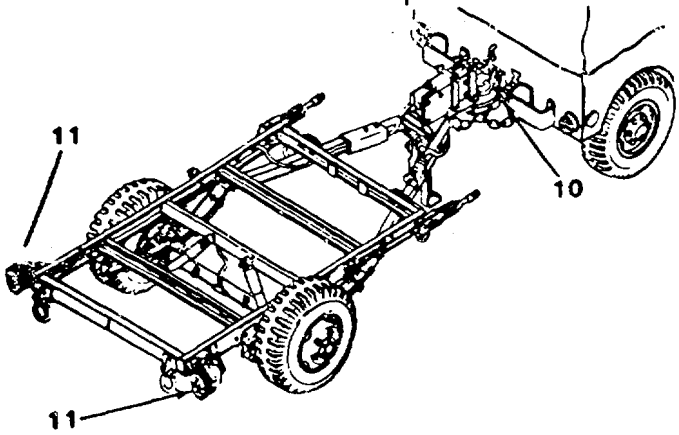
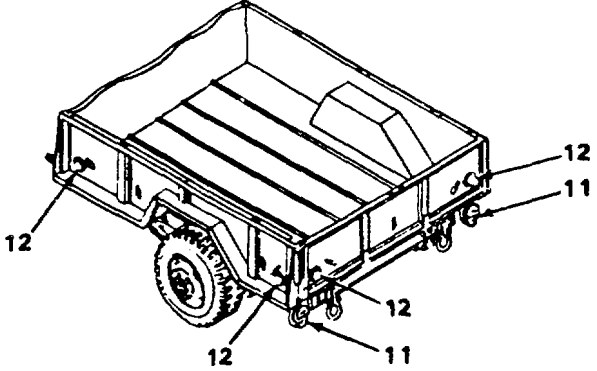
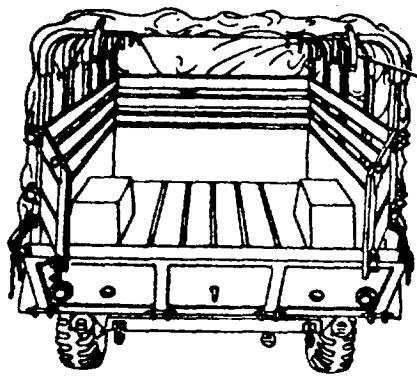
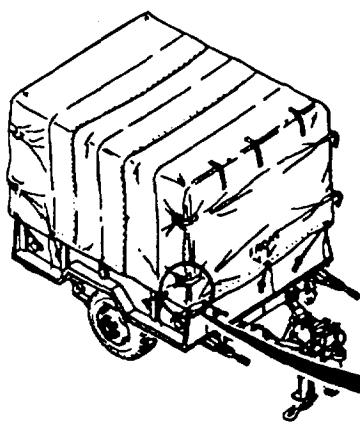
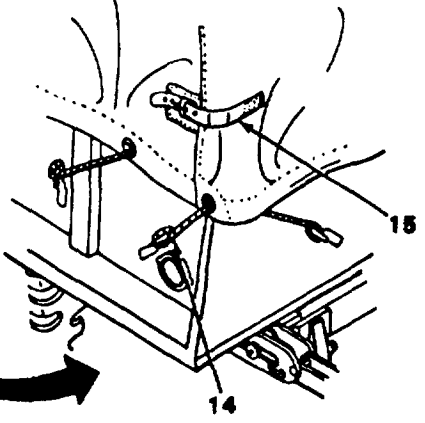
Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
16							
16	•					<p><u>CANVAS COVER ASSEMBLY</u></p> <p>a. Check for missing and bad tiedown straps and snap fasteners (13).</p> <p>b. Check for missing and bad ropes (14).</p> <p>c. Check for missing and bad straps and buckles (15).</p> <p>d. Check for ripped seams and tears.</p>	
17							
17	•					<p><u>TAILGATE</u></p> <p>a. Check for bad slats (16).</p> <p>b. Check for missing or bad strap hinge assemblies (17).</p> <p>c. Check for missing or bad strap latch assemblies (18).</p>	

Table 2-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**B - Before  
D - DuringA - After  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
18	•					<b>FRONT RACK ASSEMBLY</b>  a. Check for bad slats (19).  b. Check for missing or bad strap hinge assemblies (20).	
19	•					<b>BOW ASSEMBLIES</b> Inspect for bad bow assemblies (21).	
20	•					<b>SIDE RACK ASSEMBLIES</b>  a. Check for missing or bad storage clips (22).  b. Check for bad stakes (23).  c. Check for bad slats (24).  d. Check for missing or bad strap hinge assemblies (25).	

Table 2-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**

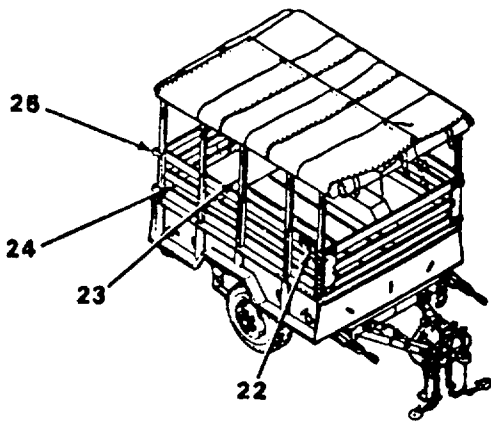
B - Before

A - After

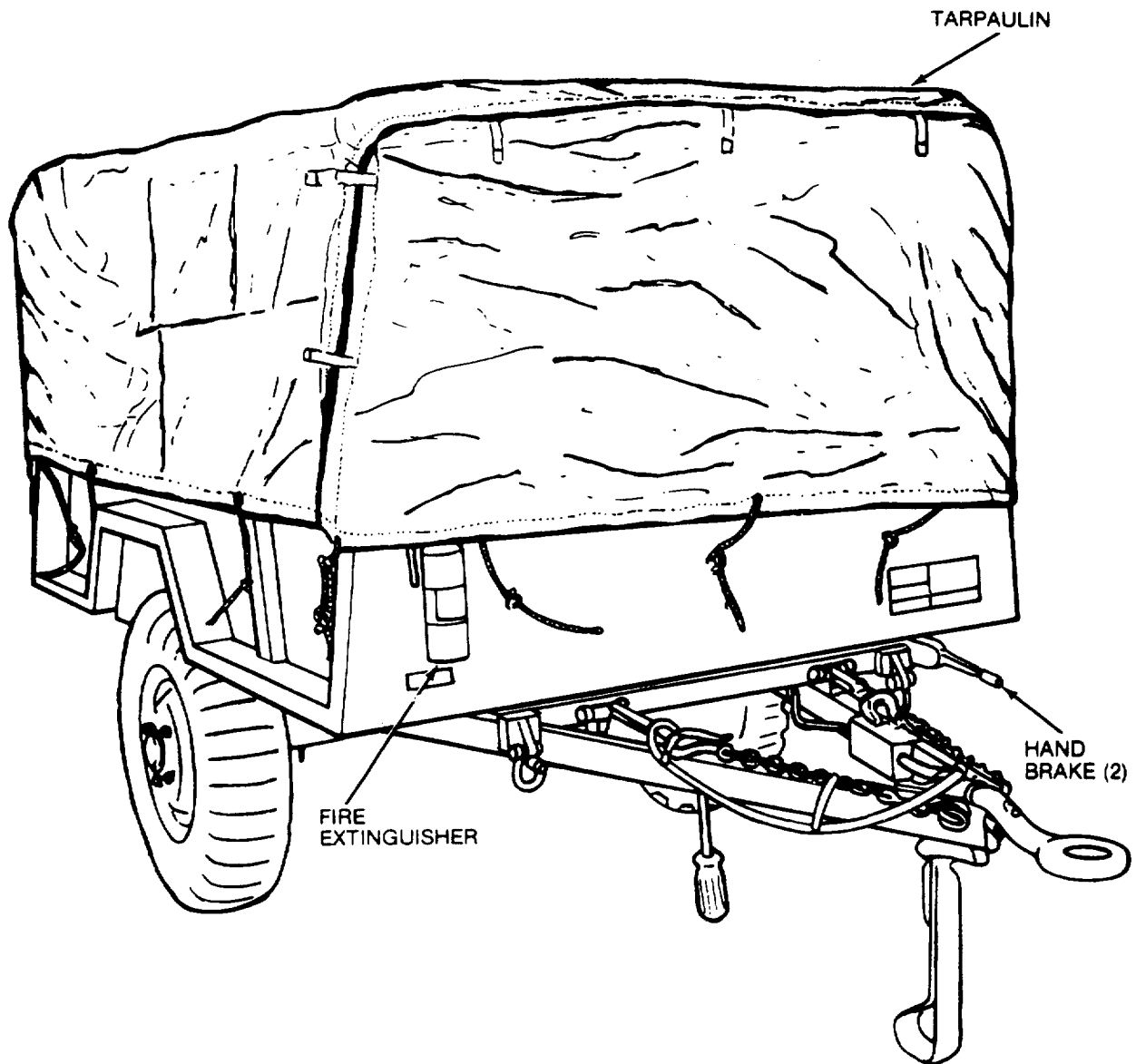
M - Monthly

D - During

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
21						 <p><u>TRAILER OPERATION</u></p> <ul style="list-style-type: none"> <li>• a. Be alert for any unusual noises while towing the trailer. Stop and investigate any unusual noises.</li> <li>• b. Ensure that the trailer is tracking/following correctly behind towing vehicle with no side pull.</li> </ul>	Trailer is not tracking/following correctly.

**CAUTION**  
REMOVE TARPAULIN, BOWS AND RACKS BEFORE OPERATION BE SURE  
TAILGATE IS DOWN AND REMOVE ANYTHING IN THE TRAILER THAT MIGHT  
OBSTRUCT THE FREE CIRCULATION OF AIR.

**SHIPPING DIMENSIONS**

LENGTH	147 INCHES
WIDTH	74 INCHES
HEIGHT	65 INCHES
WEIGHT	2,175 POUNDS

Figure 2-1. PU-617/M, right front 3/4 view.



## Section II. OPERATING INSTRUCTIONS

### 2-3. Setting-Up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator sets to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate handbrake at weekly intervals to assure freedom of linkage.

(3) Pull the leg support down and adjust length for firm contact with ground.

#### **Warning**

**Wheels must be blocked, brakes set, and leg support down in support position before attempting to roll up the tarpaulin and before starting to assemble or set-up the equipment for operation.**

#### b. Grounding.

#### **Warning**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain.

(a) The ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq ft) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground stud as shown in figure 2-2.

(4) Be sure that both generators are connected to the generator set ground stud as shown in figure 2-2.

#### c. Preparation for Starting.

(1) Remove the canvas tarpaulin and remove the racks.

(2) Open the trailer tailgate and remove all loose auxiliary items and anything else that might block the free circulation of air through the trailer and around the generator sets.

#### **Caution**

**It is of foremost importance that there be free circulation of air around the generator sets at all times during operation. Inadequate ventilation is a major cause of damage to the equipment.**

(3) Be sure the transfer switch load cables are connected to the generator sets as illustrated in figure 2-3.

(4) Connect the fuel hoses as illustrated in figure 2-4.

#### **Warning**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

### 2-4. Starting

a. Perform setting-up and pre-starting procedures (para 2-3).

b. Be sure generator transfer switch is OFF (fig. 2-3).

c. Start the generator set as instructed in TM 5-6115-271-14.

### 2-5. Stopping

a. Turn generator transfer switch OFF or in position to select standby generator (fig. 2-3).

b. Stop the generator set as instructed in TM 5-6115-271-14.

### 2-6. Operation

a. Start the generator (para 2-4) and position transfer switch to desired generator.

b. Operate the generator as instructed in TM 5-6115-271-14.

c. Perform the fuel transfer procedure as instructed in figure 2-4.

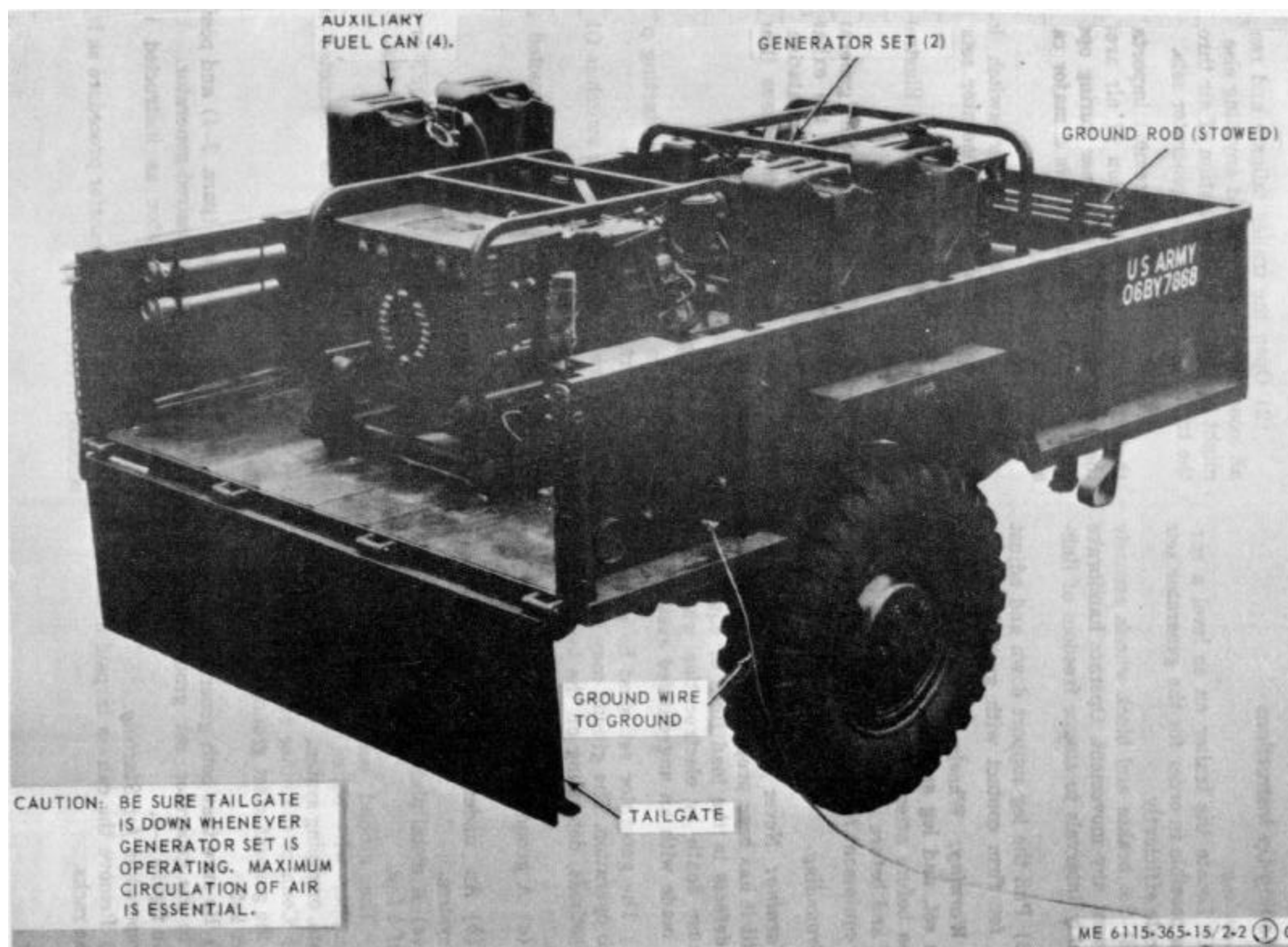


Figure 2-2. PU-617/M set up for operation.

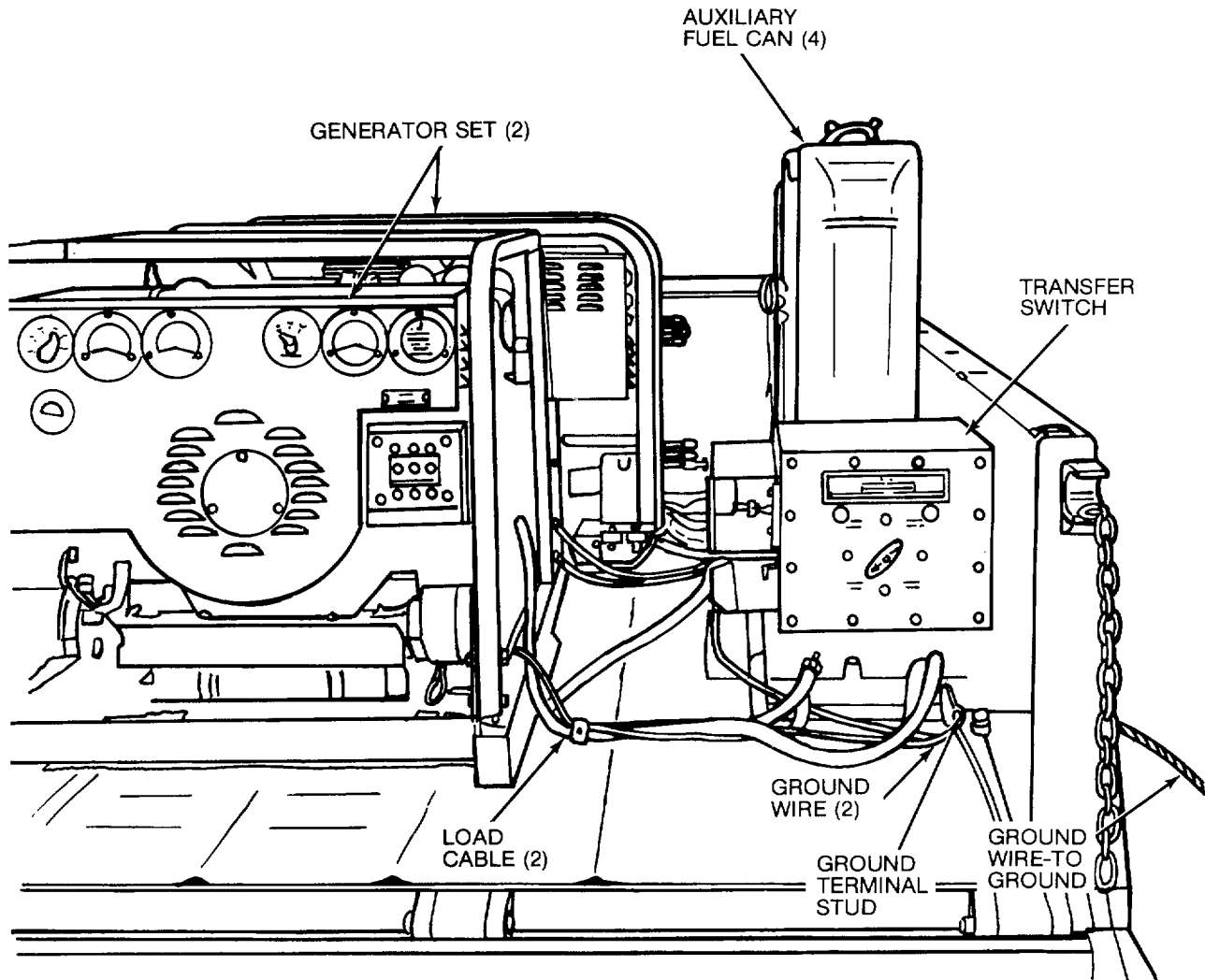
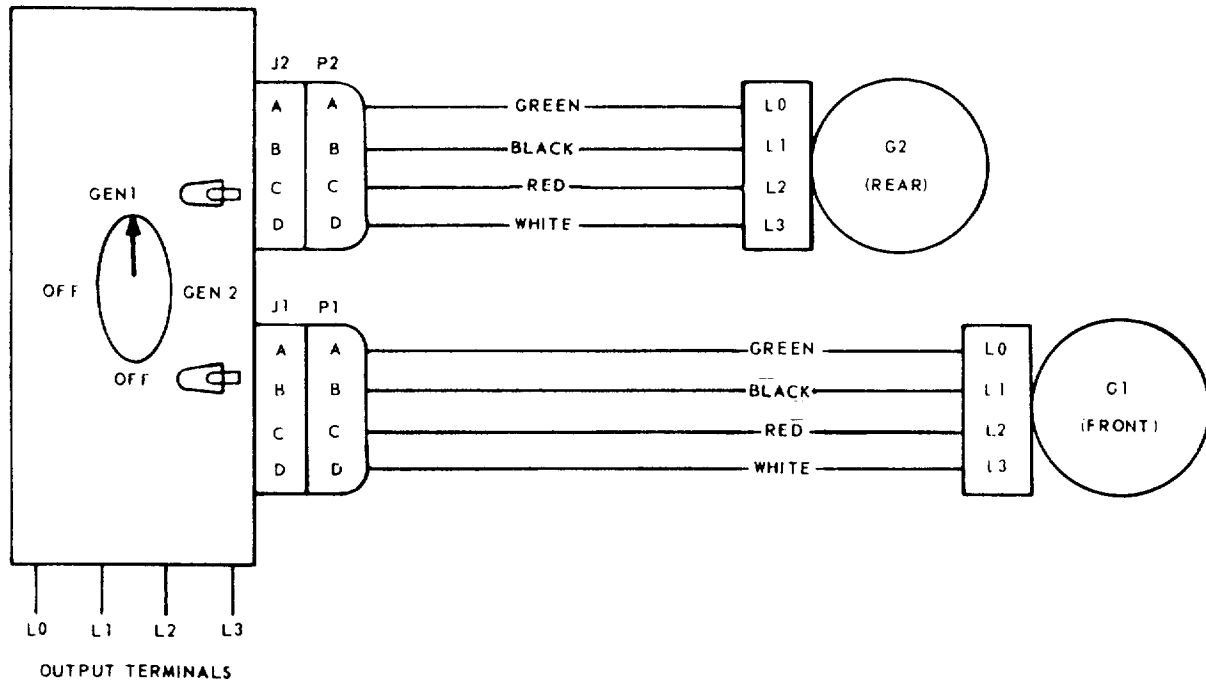


Figure 2-2. Continued.



MEC 6115-365-15/2-2

Figure 2-3. Interconnection diagram, transfer switch-to-generators.

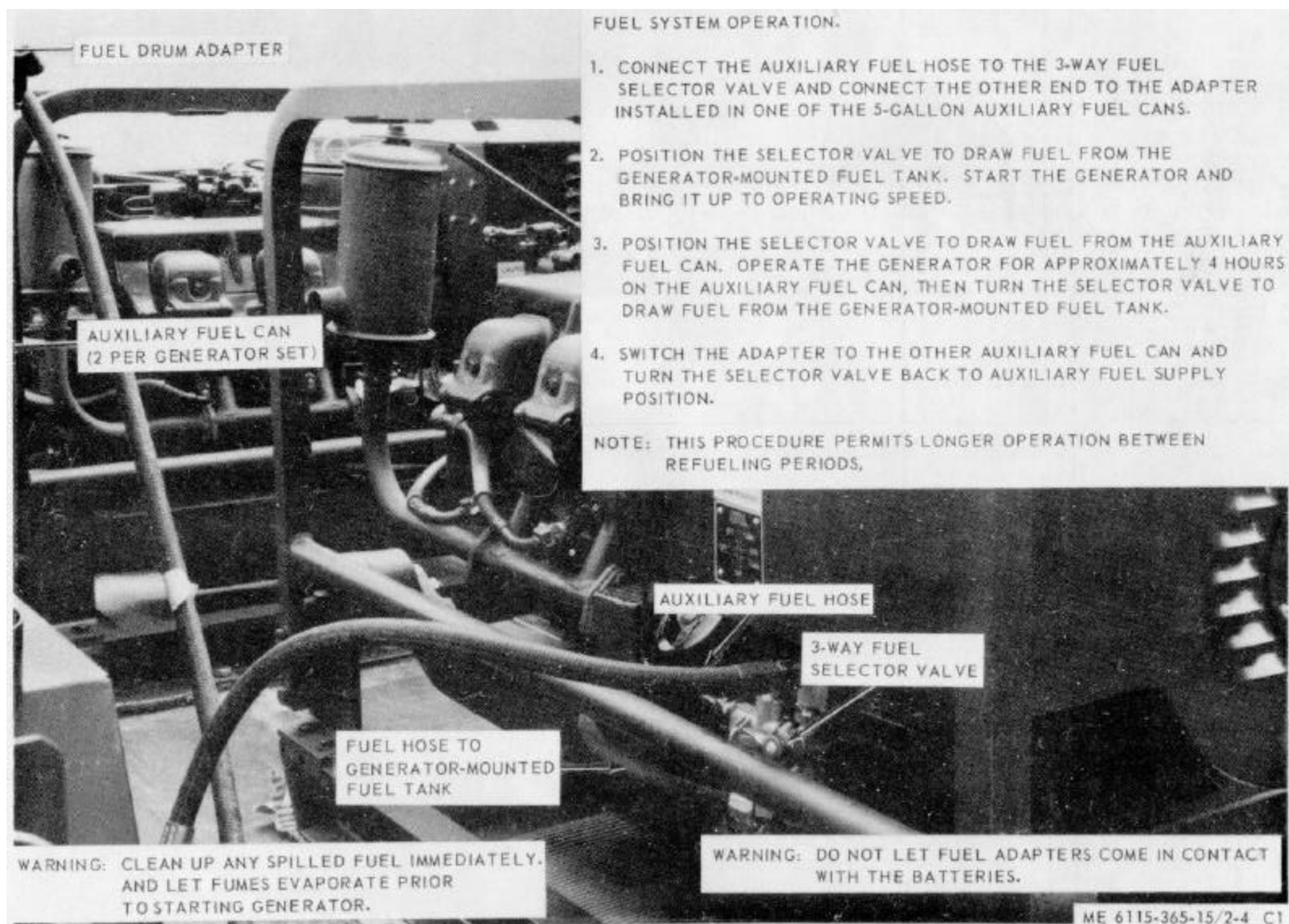


Figure 2-4. Fuel system connection and transfer procedure.

### Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS

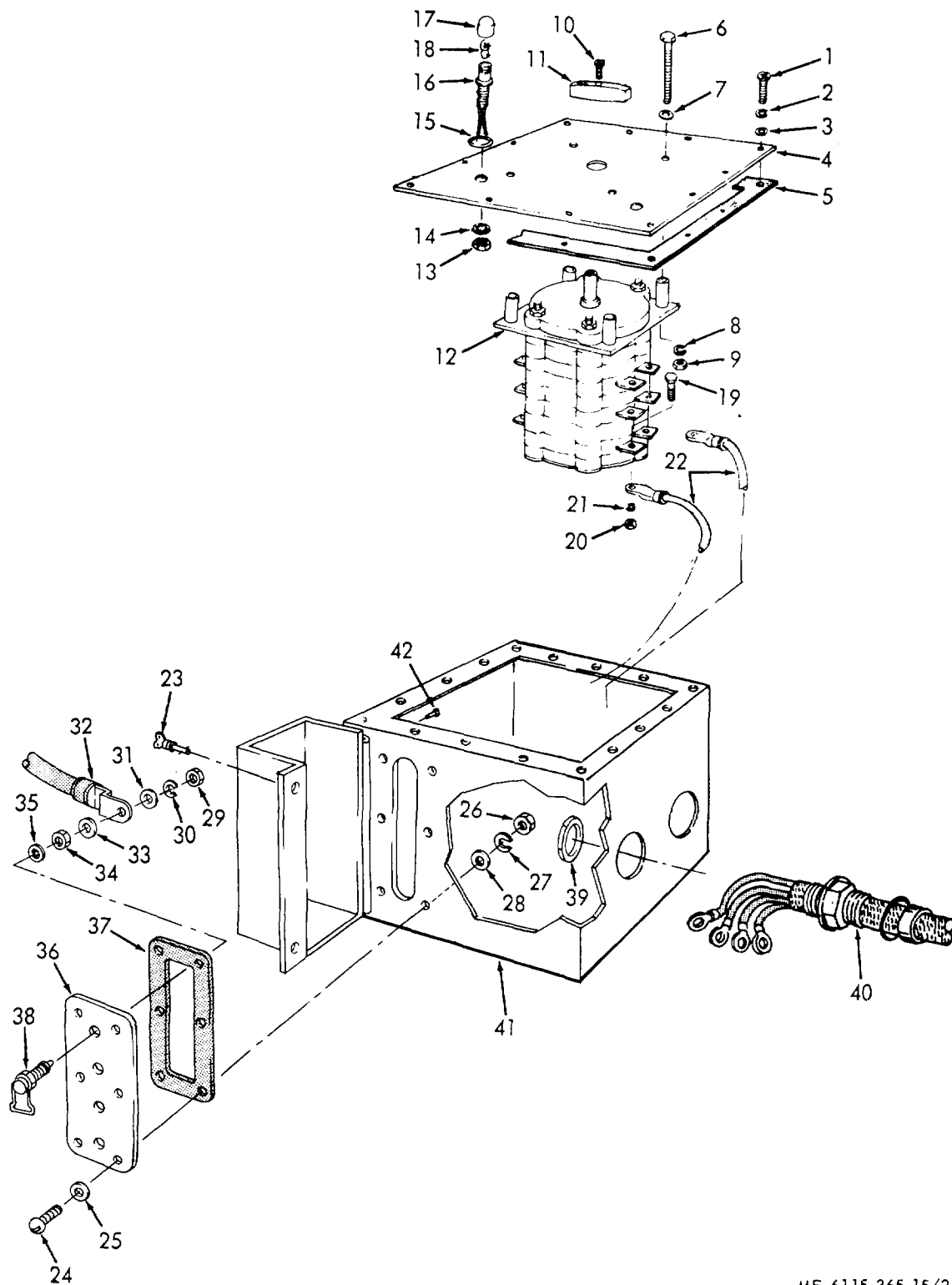
#### 2-7. Transfer Switch Indicating Lamps

a. *Removal.* Remove the indicating lamps as illustrated in figure 2-5.

b. *Installation.* Install the indicator light lamps as illustrated in figure 2-5.

#### 2-8. Field Expedient Repairs

Trouble	Probable cause	Remedy
Power transfer switch will not supply power to load.	Switch or terminal board defective.	Disconnect generator sets from transfer cables and connect load cables directly to the individual terminal boards of the generator sets.



ME 6115-365-15/2-5 C1

Figure 2-5. Transfer switch, removal, disassembly, reassembly, and installation.

1 Screw	15 Preformed packing	29 Hexnut
2 Lockwasher	16 Light and wire assembly	30 Lockwasher
3 Flat washer	17 Lens	31 Flatwasher
4 Cover	18 Lamp	32 Electrical lead
5 Gasket	19 Screw	33 Flat washer
6 Screw	20 Hexnut	34 Hex nut
7 Flat washer	21 Lockwasher	35 Lockwasher
8 Lockwasher	22 Electrical lead	36 Terminal board
9 Hexnut	23 Fastener	37 Gasket
10 Screw	24 Screw	38 Terminal lug
11 Knob	25 Flat washer	39 Locknut
12 Transfer switch	26 Hex nut	40 Stuffing tube assembly
13 Hex nut	27 Lockwasher	41 Transfer switch box
14 Lockwasher	28 Flat washer	42 Rivet

Figure 2-5. Continued.

## Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

### 2-9. Transfer Switch Indicating Lights

*a. Removal.* Remove the indicating lights as illustrated in figure 2-5.

*b. Installation.* Install the indicator or lights as illustrated in figure 2-5.

### 2-10. Ground Wires and Terminal Stud

*a. Removal.* Remove the ground wires from the ground terminal and generator sets as shown in figure 2-2. Remove the terminal stud.

*b. Installation.* Install the ground wires, and terminal stud as shown in figure 2-2.

## Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

### 2-11. Generator Transfer Switch

#### *a. Removal and Disassembly.*

(1) Tag and disconnect leads from the output terminals to load.

(2) Remove and disassemble the transfer switch as illustrated in figure 2-5.

#### *b. Reassembly and Installation.*

(1) Reassemble and install the transfer switch as illustrated in figure 2-5.

(2) Connect load connections. (Refer to fig. 2-6).

### 2-12. Generator Sets

*a. Removal.* Using figure 2-7 as a guide, perform the following steps:

(1) Disconnect fuel lines.

(2) Disconnect electrical leads and cables.

(3) Disconnect oil drain adapters.

(4) Remove 8 bolts that secure the two generator sets to the trailer and remove the generator sets.

*b. Installation.* Using figure 2-7 as a guide, perform the following steps:

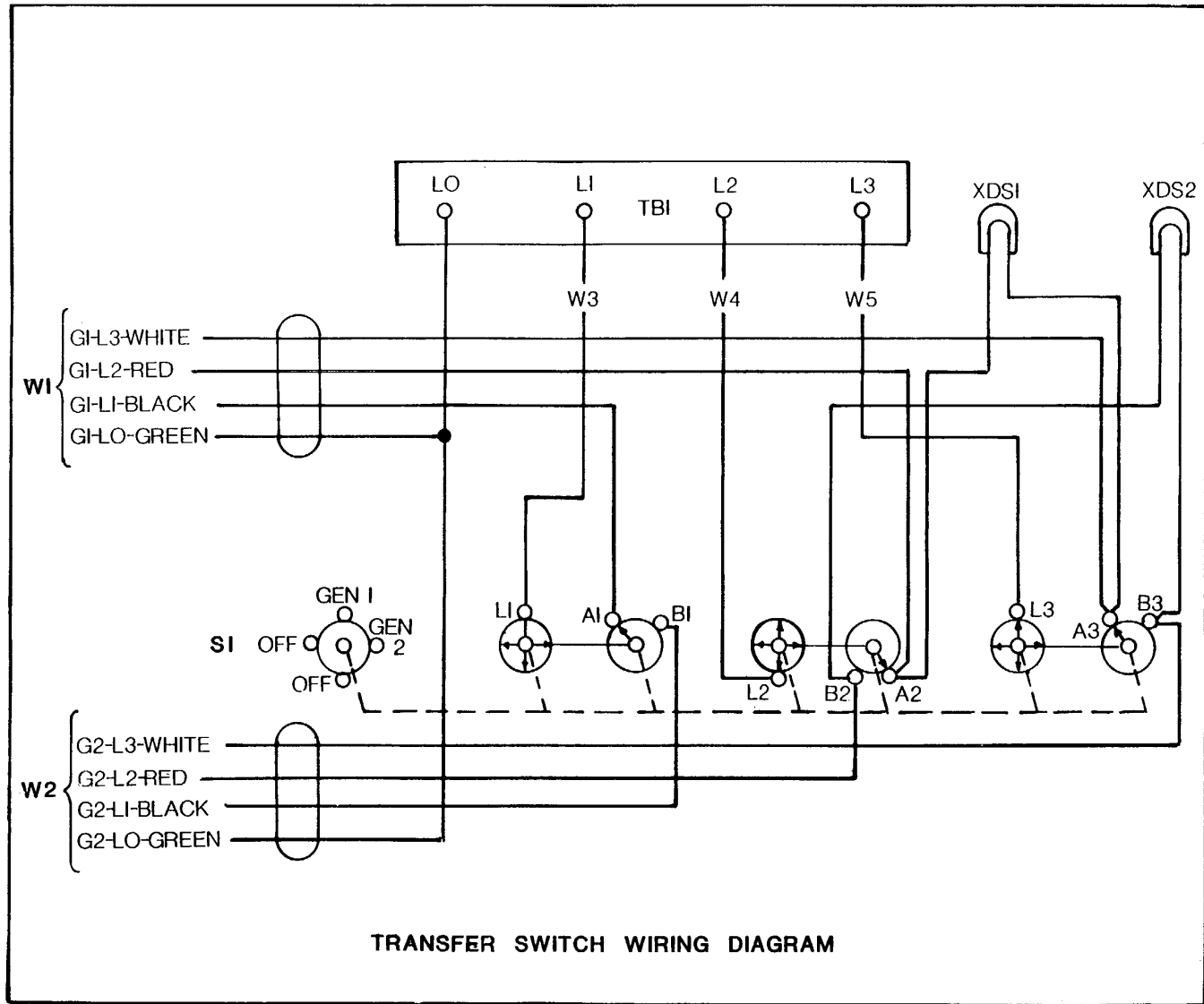
(1) Secure the two generator sets to the trailer bed with 8 bolts.

(2) Connect the oil drain adapters.

(3) Connect the electrical leads and cables.

(4) Connect fuel lines.





ME 6115-365-15/2-6 C1

Figure 2-6. Transfer switch wiring diagram.

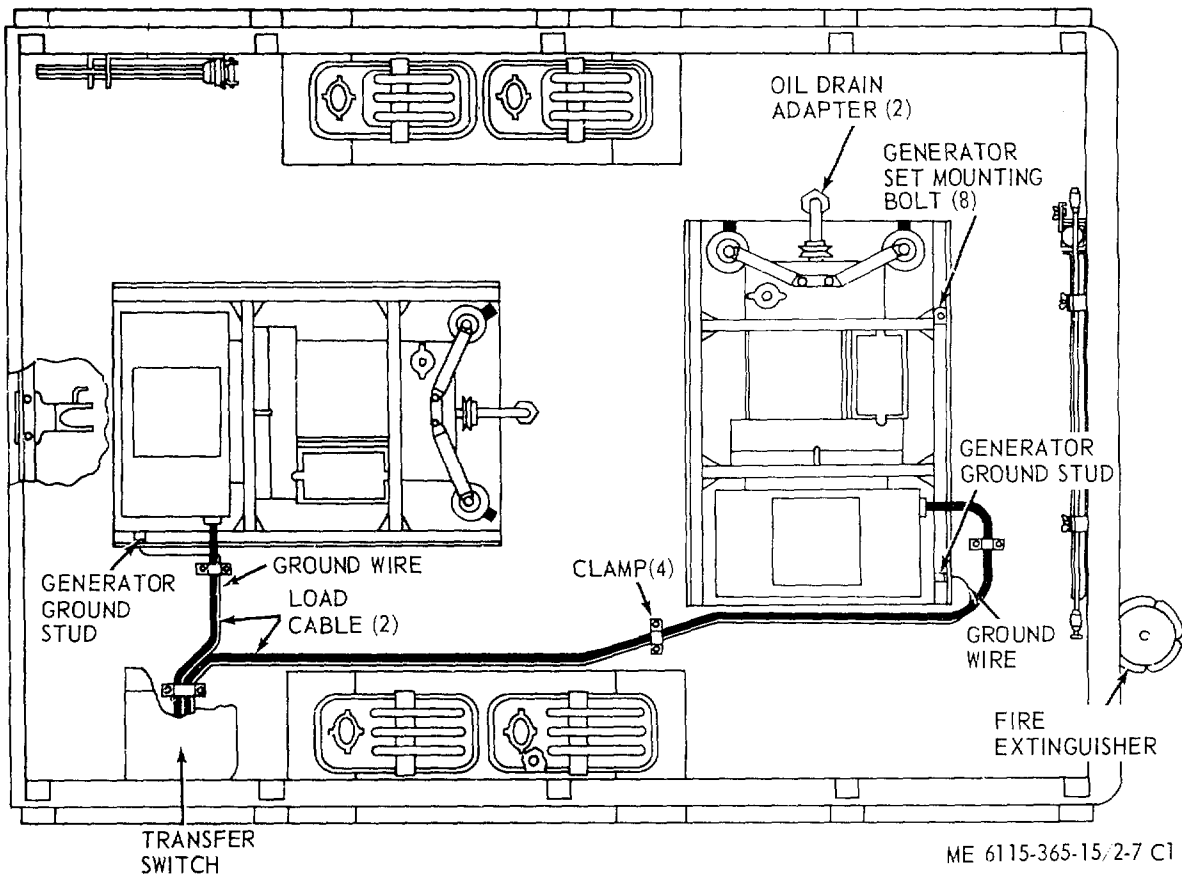


Figure 2-7. PU-617M overall component location diagram.

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
		PART I								
		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
		GROUP 01 - ENGINE								
		0106 - ENGINE LUBRICATION SYSTEM								
00001										
00002										
0	4730-270-4581	ADAPTER: 1/2-20 x 1/4-18	EA	2	*	*	*	*		
00003										
P 0	4730-908-3194	CLAMP	EA	4	*	*	*	*		
00004		MS35842-11 (96906)								
0	4820-277-1765	COCK, PLUG, SPRING, KEY: 1/4-18 x 1/4-18	EA	2	*	*	*	*		
00005										
0	4730-278-6317	COUPLING: 1/4, iron pipe size	EA	2	*	*	*	*		
00006										
M 0		HOSE: 1/2-10 x 10 in. lg, oil drain	EA	2						
00007		SAEJ30CL30RSTY1 (81348)								
		MANUFACTURE FROM :								
P 0	4730-684-6032	HOSE: 1/2-10 oil drain (As required)	FT			SEE	GRP	9501		
00008		SAEJ30CL30RS (81348)								
0	5310-584-5272	LOCK, WASHER: 1/2 IN.	EA	2	*	*	*	*		
00009										
0	4730-196-1465	NIPPLE, CLOSE: 1/4 iron pipe size x 7/8, lg	EA	2	*	*	*	*		
00010										
0	4730-196-1502	NIPPLE: 1/4, iron pipe size, x 1-1/2, lg	EA	2	*	*	*	*		
00011										
0	5310-282-7818	NUT: 1/2 IN.	EA	2	*	*	*	*		
00012										
0	5330-684-3430	"O" RING	EA	2	*	*	*	*		
00013										
0	4730-277-6447	UNION, BULK HEAD	EA	2	*	*	*	*		
00014										
00015		GROUP 15 - FRAME, TOWING, ATTACHMENTS, AND DRAWBARS								
00016		1501 - FRAME ASSEMBLY								
X2 0	2590-473-6331	BRACKET ASSEMBLY: liquid count, 5 gal	EA	4						
00017		MS53052-1 (96906)								
X2 0		BRACKET ASSEMBLY, SLEDGE HAMMER	EA	1						
00018		13214E1214 (97403)								
X2 0		CLAMP	EA	3						
00019		13212E3573 (97403)								
X2 0		CLAMP	EA	1						
00020		13212E3572 (97403)								
X2 0		CLAMP, GROUND ROD	EA	4						
00021		13212E3617-1 (97403)								
X2 0		CLIP SPRING, SLEDGE HAMMER	EA	1						
00022		13214E1213-1 (97403)								
X2 0		HOLDER, FUEL ADAPTER	EA	4						
00023		13211E4889-2 (97403)								
X2 0		HOLDER, FUEL DRUM ADAPTER	EA	2						
00024		13212E3553-1 (97403)								
X2 0		HOLDER, SPOUT CAN, FLEXIBLE	EA	2						
00025		13212E3553-2 (97403)								
X2 0		NUT, PLAIN, HEXAGON: No. 4-40 machine, screw	EA	8						
00026		MS35649-242 (96906)								
X2 0		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	6						
00027		MS51922-1 (96906)								
X2 0		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	1						
00028		MS51922-1 (96906)								
X2 0		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2						
00029		MS51922-1 (96906)								

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 0 00030		NUT, SELF-LOCKING, HEXAGON: 1/4 x 20 MS51922-1 (96906)	EA	4						
X2 0 00031		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	8						
X2 0 00032		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906S)	EA	16						
X2 0 00033		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	4						
X2 0 00034		NUT, SELF-LOCKING, HEAD: 5/16-18 MS51922-9 (96906)	EA	4						
X2 0 00035		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1, lg MS90725-8 (96906)	EA	2						
X2 0 00036		SCREW, CAP, HEXAGON HEAD MS90725-8 (96906)	EA	6						
X2 0 00037		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4, lg MS90725-6 (96906)	EA	1						
X2 0 00038		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4, lg MS90725-6 (96906)	EA	2						
X2 0 00039		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	16						
X2 0 00040		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 1, lg MS90725-34 (96906)	EA	4						
X2 0 00041		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 1, lg MS90725-34 (96906)	EA	4						
X2 0 00042		SCREW, MACHINE: flat head, 1/4-20 x 3/4, lg MS35190-289 (96906)	EA	8						
X2 0 00043		SCREW, MACH , PAN HEAD: 4-40 x 5/8, lg MS35206-218 (96906)	EA	8						
X2 0 00044		WASHER, FLAT: round, 3/8 screw size MS27183-14 (96906)	EA	32						
X2 0 00045		WASHER, FLAT: round, 1/4, nominal size MS27183-10 (96906)	EA	8						
X2 0 00046		WASHER, FLAT: round, 1/4 nominal size MS27183-10 (96906)	EA	2						
X2 0 00047		WASHER, FLAT.: round, 1/4 nominal, size M27183-10 (96906)	EA	4						
X2 0 00048		WASHER, FLAT: round, 1/4 screw size MS27183-10 (96906)	EA	12						
X2 0 00049		WASHER, FLAT: round, 1/4-20 screw size MS27183-10 (96906)	EA	4						
X2 0 00050		WASHER, FLAT: round, 4-10 screw size MS27183-3 (96906)	EA	16						
X2 0 00051		WASHER, FLAT: round, 5/16 MS27183-12 (96906)	EA	8						
X2 0 00052		WASHER, FIAT: round, 5/16 screw size MS27183-12 (96906)	EA							
X2 0 00053		WASHER, LOCK, SPLIT, HELICAL MS35338-40 (96906)	EA	8						
00054		1507 - LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)								
P 0 00055	2590-318-6691	TRAILER LEG, PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	*	*		
X2 0 00056		BRACKET, TRAILER PROP ASSEMBLY 13214E1207 (97403)	EA	1						

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
X2 0 00057		FITTING, LUBRICATION: 1/8-27 thd MS15006-1 (96906)	EA	1						
X2 0 00058		LEG, BASE 13214E1212 (97403)	EA	1						
X2 0 00059		LEG, UPPER 13214E1208 (97403)	EA	1						
X2 0 00060		NUT 13214E1211 (97403)	EA	1						
X2 0 00061		NUT, SELF-LOCKING HEXAGON: 3/8-16 MS51922-17 (96906)	EA	3						
X2 0 00062		PIN, COTTER: 1/8 dia, x 3/4, lg MS24665-351 (96906)	EA	1						
X2 0 00063		RIVET, SOLID: universal head, 1/4 x 2, lg MS20613-8P32 (96906)	EA	1						
X2 0 00064		SCREW 13214E1210 (97403)	EA	1						
X2 0 00065		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3						
X2 0 00066		SHAFT 13214E1209 (97403)	EA	1						
X2 0 00067		WASHER, FLAT: round, 3/8 nominal size MS27183-14 (96906)	EA	6						
00068		GROUP 22 - BODY CHASSIS OR BULL, AND ACCESSORY ITEMS								
00069		2202 - ACCESSORY ITEMS								
P C 00070	2910-066-1235	ADAPTER ASSEMBLY, FUEL DRUM 13211E7541 (97403)	EA	2	*	*	*	*		
P 0 00071	7240-222-3088	CAN, GASOLINE: 5 gallon, Military MILG1283 (81349)	EA	4	*	*	*	*		
P C 00072	5120-203-4656	HAMMER HAND: double face, 8 lb GGGH86TYPEXCLASS1 (81348)	EA	1	*	*	*	*		
X2 0 00073		NUT, PLAIN, HEXAGON: brass, 3/8-16 MS16203-27 (96906)	EA	1						
P C 00074	5975-878-3791	ROD, GROUND: w/attachments MILR11461TYPE2STYLE2 (81349)	EA	2	*	*	*	*		
X2 0 00075		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 3/4, lg MS35309-358 (96906)	EA	1						
X2 0 00076		SPOUT CAN: flexible, w/adaptor assembly MILS1285 (81349)	EA	2						
X2 0 00077		TERMINAL, LUG, CRIMP: No. 6 3/8, stud MS20659-110 (96906)	EA	3						
X2 0 00078		WASHER, FLAT, BRASS, ELECTRIC: 3/8 thd size AN961-66T (88044)	EA	2						
00079		2210 - DATA PLATES AND INSTRUCTION HOLDERS								
X2 0 00080		PLATE, IDENTIFICATION: ground term 13205E4918 (97403)	EA	1						
X2 0 00081		PLATE, IDENTIFICATION 13205E4916-1 (97403)	EA	1						
00082		GROUP 40 - ELECTRICAL MOTOR AND GENERATORS								
00083		4000 - GENERATOR ASSEMBLY								
X2 0 00084		NUT, SELF-LOCKING, HEXAGON: 1/2-13 UNC MS51922-33 (96906)	EA	8						
X2 0 00085		SCREW, CAP, HEXAGON HELD: 1/2-13 x 1-3/4 MS90725-114 (96906)	EA	8						

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
PAOZZ 00086 X2 O 00087 X2 O 00088	5365-00-915-8370	SPACER 13212E3554 (97403) WASHER, BEVELED 13206E4482-2 (97403) WASHER, FLAT: round, 1/2 screw size MS27183-18 (96906)	EA EA EA	8 8 8						
00089		4019 - RADIO INTERFERENCE SUPPRESSION								
M O 00090 P O 00091 M O 00092 P O 00093 X2 O 00094 X2 O 00095 X2 O 00096 X2 O 00097 X2 O 00098 X2 O 00099		LEAD, GROUND: generator No. 1 to stud, 10 ft MANUFACTURE FROM: WIRE, ELECTRICAL: copper No. 6 QQW343TYPERBCLASS1 (81349) LEAD, GROUND: generator No. 2 to stud, 4 ft MANUFACTURE FROM: WIRE, ELECTRICAL: No. 6 QQW343TYPERBCLASS1 (81349) NUT, PLAIN, HEXAGON: 3/8-16 MS16203-39 (96906) NUT, PLAIN, HEXAGON: brass, 3/8-16 MS16203-27 (96906) NUT, PLAIN, WING: brass, 3/8-16 MS35425-28 (96906) STUD 13214E1223 (97403) WASHER, FLAT, ELECTRIC: 3/8 in thd size AN961-66T (88044) WASHER, LOCK: flat external tooth, 3/8 MS35335-91 (96906)	EA FT EA FT EA EA EA EA EA EA EA EA EA EA EA EA EA EA	1   1   2 1 1 1 1 1 4 2		SEE	GRP	9501		
00100 00101		GROUP 42 - ELECTRICAL EQUIPMENT 4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES								
X2 O 00102 X2 O 00103 X2 O 00104 X2 O 00105		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906) PLATE 13212E3569 (97403) SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906) WASHER, FLAT: round, 3/8 screw MS27183-14 (96906)	EA EA EA EA EA EA EA	4 1 4 4 8						
00106 00107		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS 7638 - PORTABLE FIRE FIGHTING EQUIPMENT								
P C 00108 X2 O 00109 X2 O 00110 X2 O 00111	4210-555-8837	EXTINGUISHER, FIRE W/BACKET MILE52031 (81349) NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906) SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1, lg MS90725-8 (96906) WASHER MS27183-10 (96906)	EA EA EA EA EA	1 4 4 4 8	*	*	*	*		
00112 00113		GROUP 95 - GENERAL USE STANDARDIZED PARTS 9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON								
P O 00114	4730-684-6032	HOSE, 1 2 id SAEJ30CL30RSTYPE1 (81348)	FT		*	*	*	*		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
P O 00115		WIRE, ELECTRICAL: copper, No. 6 uninsulated QQW343TYPBCLASS1 (81349)	FT		*	*	*	*		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  ref NUMBER & MFR CODE	(4) USABLE UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1-YR ALW PER 100 EQUIP CNTG	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00001 00002		PART II REPAIR PARTS FOR DS, GS, AND DEPOT MAINTENANCE GROUP 01-ENDING 0106 - ENGINE LUBRICATION SYSTEM												
O 00003 P O 00004 O 00005 O 00006 M O 00007	4730-270-4581  4730-908-3196 4820-277-1765 4730-00-187-7595	ADAPTER: 1/2-20X 1/4-18  CLAMP MS35842-11(96906) COCK, PLUG, SPRING, KEY: 1/4-18 X 1/4-18  COUPLING: 1/4, iron pipe size 13218E0064-2 HOSE: 1/2-10 X 10 in. 1g, oil drain SAEJ30CL30RSTYPE1 (81348) MANUFACTURE FROM:	EA  EA EA EA	2  4 2 2	•  • •	•  • •	•  2 •	•  • •	•  2 •	•  2 •	•  10 •	•  10 •		
P O 00008 O 00009 O 00010 O 00011 O 00012 O 00013 O 00014 00015 00016	4730-684-6032 5310-584-5272 4730-196-1465 4730-196-1502 5310-282-7818 5330-684-3420 4730-277-6447	HOSE: 1/2-10, oil drain (As required) SAEJ30CL30RS (81348) LOCK, WASHER: 1/2 IN.  NIPPLE, CLOSE: 1/4, iron pipe size X7/8, 1g  NIPPLE, 1/4, iron pipe size, X 1-1/2, 1g  NUT: 1/2 IN.  "O" RING  UNION, BULK HEAD  GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS 1501 - FRAME ASSEMBLY	FT  EA EA EA EA EA EA	  2 2 2 2 2 2	  • • • • • • •	  • • • • • • •	  • • • • • • •	SEE  • • • • • • •	GRP  • • • • • • •	9501  • • • • • • •	  • • • • • • •	  • • • • • • •		
X2 O 00017 X2 O 00018 X2 O 00019 X2 O 00020 X2 O 00021 X2 O 00022 X2 O 00023 X2 O 00024 X2 O 00025 X2 O 00026 X2 O 00027 X2 O 00028	2590-473-6331	BRACKET ASSEMBLY: liquid count, 5 gal MS53052-1 (96906) BRACKET ASSEMBLY, SLEDGE HAMMER 13214E1214(97403) CLAMP 13212E3573(97403) CLAMP 13212E3572(97403) CLAMP, GROUND ROD 13212E3617-1 (97403) CLIP SPRING, SLEDGE HAMMER 13214E1213-1 (97403) HOLDER, FUEL ADAPTER 13211 E4889-2 (97403) HOLDER, FUEL DRUM ADAPTER 1321E3553-1 (97403) HOLDER, SPOUT, CAN, FLEXIBLE 13212E3553-2 (97403) NUT, PLAIN, HEXAGON: No. 4-40 machine. screw MS35649-242 (96906) NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906) NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA  EA	4  1 3 1 4 1 4 1 4 2 2 8  6 1										



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  ref NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCTY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00029		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2										
X2 O 00030		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	4										
X2 O 00031		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	8										
X2 O 00032		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-1(96906)	EA	16										
X2 O 00033		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	4										
X2 O 00034		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	4										
X2 O 00035		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1, lg MS90725-8 (96906)	EA	2										
X2 O 00036		SCREW, CAP, HEXAGON HEAD MS90725-8 (96906)	EA	6										
X2 O 00037		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg MS90725-6 (96906)	EA	1										
X2 O 00038		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg MS90725-6 (96906)	EA	2										
X2 O 00039		SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1-1/4 MS90725-62 (96906)	EA	16										
X2 O 00040		SCREW, CAP, HEXAGON HEAD: 5/16-18 X 1, lg MS90725-34 (96906)	EA	4										
X2 O 00041		SCREW, CAP, HEXAGON HEAD: 5/16-18 X 1, lg MS90725-34 (96906)	EA	4										
X2 O 00042		SCREW, MACHINE: flat head, 1/4-20 X 3/4, lg MS35190-289 (96906)	EA	8										
X2 O 00043		SCREW, MACHINE, PAN HEAD: 4-40 X 5/8, lg MS35206-218 (96906)	EA	8										
X2 O 00044		WASHER, FLAT: round, 3/8, screw size MS27183-14 (96906)	EA	32										
X2 O 00045		WASHER, FLAT: round, 1/4, nominal size MS27183-10 (96906)	EA	8										
X2 O 00046		WASHER, FLAT: round, 1/4, nominal size MS27183-10 (96906)	EA	2										
X2 O 00047		WASHER, FLAT: round, 1/4, nominal size MS27183-10 (96906)	EA	4										
X2 O 00048		WASHER, FLAT: round, 1/4, screw size MS27183-10 (96906)	EA	12										
X2 O 00049		WASHER, FLAT: round, 1/4-20, screw size MS27183-10 (96906)	EA	4										
X2 O 00050		WASHER, FLAT: round, 4-10, screw size MS27183-3 (96906)	EA	16										
X2 O 00051		WASHER, FLAT: round, 5/16 MS27183-12 (96906)	EA	8										
X2 O 00052		WASHER, FLAT: round, 5/16, screw size MS27183-12 (96906)	EA	8										
X2 O 00053		WASHER, LOCK, SPLIT, HELICAL MS35338-40 (96906)	EA	8										

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  ref NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00054		1507-LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)												
P O 00055 PB 00056 X2 O 00057 X2 O 00058 X2 O 00059 X2 O 00060 X2 O 00061 X2 O 00062 X2 O 00063 X2 O 00064 X2 O 00065 X2 O 00066 X2 O 00067	2590-00-420-8929	TRAILER LEG, PROP ASSEMBLY 13214E1206 (97403) BRACKET, TRAILER PROP ASSEMBLY 13214E1207 (97403) FITTING, LUBRICATION 1/8-27 THD MS15006-1 (96906) LEG, BASE 13214E1212 (97403) LEG, UPPER 13214E1208 (97403) NUT 13214E1211 (97403) NUT, SELF-LOCKING, HEXAGON 3/8-16 MS51922-17 (96906) PIN, COTTER: 1/8 DIA, X 314, LG MS24665-351 (96906) RIVET, SOLID: UNIVERSAL HEAD, 1/4 x 2, LG MS20613-8P32 (96906) SCREW 13214E1210 (97403) SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906) SHAFT 13214E1209 (97403) WASHER, FLAT: ROUND, 3/8, NOMINAL SIZE MS27183-14 (96906)	EA	1	*	*	2	*	*	2	10	10		
00068		GROUP 18-BODY, CAB, HOOD AND HULL												
00069		1810-CARGO BODY												
X2 DR 00070		TRAILER 13212E3552 (97403)	EA	1										
00071		GROUP 22-BODY CHASSIS OR HULL, AND ACCESSORY ITEMS												
00072		2202-ACCESSORY ITEMS												
P C 00073	2910-066-1235	ADAPTER ASSEMBLY, FUEL DRUM 13211E7541 (97403)	EA	2	*	*	2	*	*	2	10	10		
P O 00074	7240-222-3088	CAN, GASOLINE: 5 GALLON, MILITARY MILG1283 (81349)	EA	4	*	*	2	*	*	2	10	10		
P C 00075	5120-203-4656	HAMMER HAND: DOUBLE FACE, 8 LB GGGH86TYPEXCLASS1 (81348)	EA	1	*	*	2	*	*	2	10	10		
X2 O 00076		NUT, PLAIN, HEXAGON: BRASS, 3/8-16 MS16203-27(96906)	EA	1										
P C 00077	5975-878-3791	ROD GROUND: W/ATTACHMENTS MILR11461TYPE2STYLE2 (81349)	EA	2	*	*	2	*	*	2	10	10		
X2 O 00078		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 3/4, LG MS35309-358 (96906)	EA	1										
X2 O 00079		SPOUT CAN: FLEXIBLE, W/ADAPTER ASSEMBLY MILS1285 (81349)	EA	2										
X2 O 00080		TERMINAL LUG, CRIMP: NO 6 3/8, STUD MS20659-110 (96906)	EA	3										

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00081	6115-017-8237	WASHER, FLAT, BRASS, ELECTRIC: 3/8 thd size AN961-66T (88044)	EA	2										
00082		2210 - DATA PLATES AND INSTRUCTION HOLDERS												
X2 O 00083		PLATE, IDENTIFICATION: ground terminal 13205E4918 (97403)	EA	1										
X2 O 00084		PLATE, IDENTIFICATION 13205E4916-1 (97403)	EA	1										
X2 F 00085		PLATE INFORMATION, WIRING DIAGRAM 13214E1499 (97403)	EA	1										
00086		GROUP 40 - ELECTRICAL MOTOR AND GENERATORS												
00087		4000 - GENERATOR ASSEMBLY												
X2 FR 00088		GENERATOR SET: 3WK60HZ MILG52367 (81349)	EA	2										
X2 O 00089		NUT, SELF-LOCKING, HEXAGON: 1/2-13 unc MS51922-33 (96906)	EA	8										
X2 O 00090		SCREW, CAP, HEXAGON HEAD: 1/2-13 X 1-3/4 MS90725-114 (96906)	EA	8										
X2 O 00091		SPACER 13212E3554 (97403)	EA	8										
X2 O 00092		WASHER, BEVELED 13206E4482-2 (97403)	EA	8										
X2 O 00093		WASHER, FLAT: round. 1/2, screw size MS27183-18 (96906)	EA	8										
00094		4018 - TERMINAL BLOCKS, JUNCTION BOXES												
X2 F 00095		GASKET 13212E3610 (97403)	EA	1									2-8	24
X2 F 00096		NUT, PLAIN, HEXAGON: brass, 1/4-20, jam MS16203-37 (96906)	EA	8									2-8	26
X2 F 00097		NUT, PLAIN, HEXAGON: No. 10-24 MS35649-202 (96906)	EA	6									2-8	18
X2 F 00098		SCREW, MACHINE: pan head, No. 10-24 X 1, lg MS35206-267 (96906)	EA	6									2-8	21
X2 F 00099		TERMINAL BOARD 13212E3606 (97403)	EA	1									2-8	23
X2 F 00100		TERMINAL LOAD 13208E3820-6 (97403)	EA	4									2-8	22
X2 F 00101		WASHER, FLAT: round, No. 8, nominal size MS27183-7 (96906)	EA	12									2-8	7
X2 F 00102		WASHER, FLAT round, No. 10, nominal size MS27183-8 (96906)	EA	12									2-8	20
X2 F 00103		WASHER, LOCK, SPLIT, HELICAL: 1/4, nominal size MS35338-101 (96906)	EA	8									2-8	27
X2 F 00104		WASHER, LOCK, FLAT: internal tooth, 1/4, screw size MS35333-108 (96906)	EA	4									2-8	25
X2 F 00105		WASHER, LOCK, HELICAL, SPLIT: No. 10, nominal size MS35338-43 (96906)	EA	6									2-8	19

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  ref NUMBER & MFR CODE	USABLE  ON CODE	UNIT  OF MEAS	QTY  INC  IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
						ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
00106		4019 - RADIO INTERFERENCE SUPPRESSION													
M O 00107		LEAD, GROUND: generator No. 1 to stud, 10 ft	EA	1											
P O 00108		MANUFACTURE FROM: WIRE ELECTRICAL: copper, No. 6	FT					SEE	GRP	9501					
M O 00109		QQW343TYPERBCLASS1 (81349) LEAD, GROUND: generator No. 2 to stud, 4 ft	EA	1											
P O 00110		MANUFACTURE FROM: WIRE, ELECTRICAL: No. 6	FT					SEE	GRP	9501					
X2 O 00111		QQW343TYPERBCLASS1 (81349) NUT, PLAN, HEXAGON: 3/8-16	EA	2											
X2 O 00112		MS16203-39 (96906) NUT, PLAIN, HEXAGON: brass, 3/8-16	EA	1											
X2 O 00113		MS16203-27 (96906) NUT PLAIN, WING: brass, 3/8-16	EA	1											
X2 O 00114		MS35425-28 (96906) STUD	EA	1											
X2 O 00115		13214E1223 (97403) WASHER, FLAT, ELECTRIC: 3/8 in. thd size	EA	4											
X2 O 00116		AN961-66T (88044) WASHER, LOCK: flat external tooth, 3/8	EA	2											
		MS35335-91 (96906)													
00117		GROUP 42 - ELECTRICAL EQUIPMENT													
00118		4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES													
P2 FR 00119	6110-999-6142	DISTRIBUTION BOX	EA	2	*	*	*	*	*	*	2	2			
X2 F 00120		13212E3555 (97403) BOX, DISTRIBUTION	EA	1									2-8	13	
X2 F 00121		13212E3556 (97403) CABLE	EA	1									2-8	15	
X2 F 00122		13212E3570-1 (97403) CABLE	EA	1									2-8	14	
X2 F 00123		13212E3571-1 (97403) COVER, DISTRIBUTION BOX	EA	1									2-8	1	
X2 F 00124		13212E3557 (97403) LEAD, ELECTRICAL	EA	1									2-8	10	
X2 F 00125		13212E3567-1 (97403) LEAD, ELECTRICAL	EA	1									2-8	11	
X2 F 00126		13212E3567-2 (97403) LEAD, ELECTRICAL	EA	1									2-8	12	
X2 F 00127		13212E3567-3 (97403) LIGHT AND WIRE	EA	2									2-8	2	
P O		13212E3560 (97403) Lamp, Indicator													
P O		13214E1391 (97403) Lens, Clear													
P O		181-0931-401 (72610) G9B(GR) (59224)													
P O		Housing													
X2 F 00128		181-8836-09-553 (72619) NUT, PLAIN, HEXAGON: jam, 1/4-20	EA	4									2-8	9	
X2 F 00129		MS35691-1 (96906) PACKING, PREFORMED, HYDRAULIC "O" RING	EA	4									2-8	4	
X2 F 00130		MS28775-011 (96906) PACKING, PREFORMED. HYDRAULIC "O" RING	EA	2									2-8	17	
X2 F 00131		MS28775-132 (96906) PACKING, PREFORMED, HYDRAULIC "O" RING	EA	1	2-8	29									
		MS28775-111 (96906)													

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  ref NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 F 00132	5930-01-160-0235	SCREW, MACHINE: pan head, 1/4-20 X 3/4 MS35206-281 (96906)	EA	4									2-8	3
X2 F 00133		SCREW, MACHINE: pan head No 8-32 X 1/2, lg MS35206-245 (96906)	EA	12									2-8	5
X2 F 00134		STUFFING TUBE 13212E3582-4 (97403)	EA	2									2-8	16
P F 00135		SWITCH, ROTARY: 30 amp 13219E9860	EA	1	*	*		*	*	*	2	2	2-8	28
X2 F 00136		WASHER, FLAT: round, 114, nominal size MS27183-11 (96906)	EA	4									2-8	8
X2 F 00137		WASHER, LOCK, SPLIT, HELICAL: No. 8 MS35338-42 (96906)	EA	12									2-8	6
P O 00138		5355-01-166-3672 KNOB 03524-1 (82121)	EA	1									2-8	30
PA D 00139		53050-9846216 SCREW, MACHINE PAN HAND 02016 (82121)	EA	1									2-8	31
X2 O 00140		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	4										
X2 O 00141		PLATE 13212E3569 (97403)	EA	1										
X2 O 00142	4210-555-8837	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1-1/4 MS90725-62 (96906)	EA	4										
X2 O 00143		WASHER, FLAT: round, 3/8 screw MS27183-14 (96906)	EA	8										
		GROUP 76- FIRE FIGHTING EQUIPMENT COMPONENTS 7638 - PORTABLE FIRE FIGHTING EQUIPMENT												
P C 00144		EXTINGUISHER, FIRE W/BACKET MILE52031 (81349)	EA	1	*	*	2	*	*	2	10	10		
X2 O 00145		NUT, SELF LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	4										
X2 O 00146		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1, lg MS9072548 (96906)	EA	4										
X2 O 00147		WASHER MS27183-10 (96906)	EA	8										
		GROUP 95 - GENERAL USE STANDARDIZED PARTS												
		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON												
P O 00150		4730684-6032 HOSE: 1/2, id SAE130CL30RSTYPER2 (81348)	FT			*	*	*	*	*	10	10		
P O 00151		WIRE, ELECTRICAL: copper, No. 6. unisulated QQW343TYPERBCLASS1 (81349)	FT			*	*	*	*	*	52	52		

### LEGEND TO PARTS, FIGURE 2-8

ITEM NO.	FUNCT GROUP	ITEM NAME
1	4206	COVER
2	4206	LIGHT-WIRE
3	4206	SCREW
4	4206	PACKING
5	4206	SCREW
6	4206	WASHER
7	4018	WASHER
8	4206	WASHER
9	4206	NUT
10	4206	LEAD
11	4206	LEAD
12	4206	LEAD
13	4206	BOX
14	4206	CABLE
15	4206	CABLE
16	4206	STUFFING
17	4206	PACKING
18	4018	NUT
19	4018	WASHER
20	4018	WASHER
21	4018	SCREW
22	4018	TERMINAL LOAD
23	4018	TERMINAL BOARD
24	4018	GASKET
25	4018	WASHER
26	4018	NUT
27	4018	WASHER
28	4206	SWITCH
29	4206	PACKING
30	4206	KNOB
31	4206	SCREW, MACHINE PAN HAND

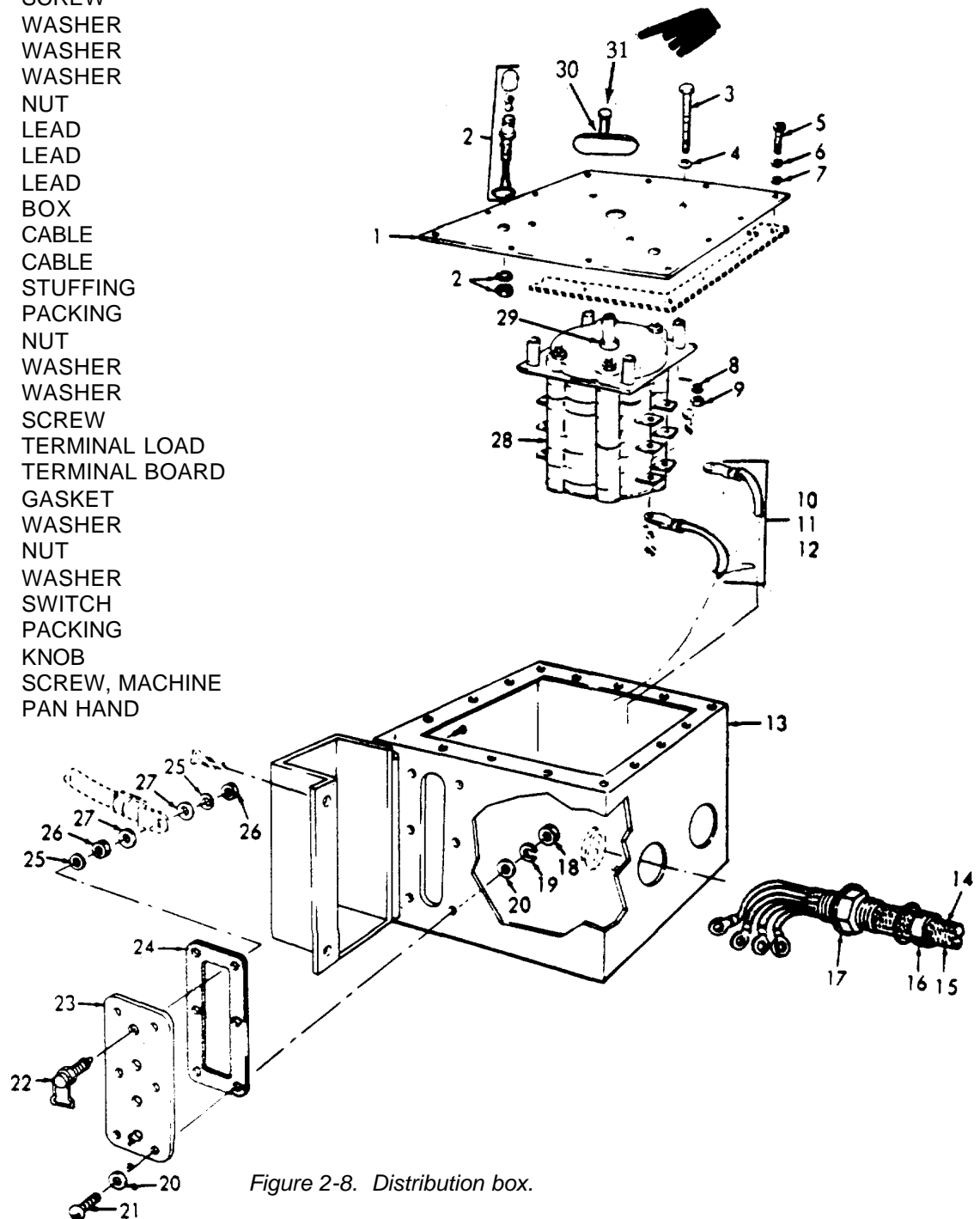


Figure 2-8. Distribution box.

## CHAPTER 3

## GENERATOR SET PU-619/M

## Section I. DESCRIPTION AND DATA

## 3-1. Description

*a. General.* Two 10 kW, model SF 10.0-MD design) generator sets, mounted on 1-1/2 ton trailer, model M 103A, constitute a self-contained mobile unit referred to as Trailer Mounted Generator Set PU 619/M (Refer to fig. 3-1). The two 10 kW generators are powered by directly coupled four-cylinder, 20 hp military standard model 4A084 engines. A power transfer switch is provided for connecting the generators' output to a common load. PU 619/M includes the components listed below in Table 3-1.

*b. Generators.* For description and generator operation and maintenance information not covered in this chapter, refer to TM 5-6115-275-14.

*c. Engines.* For description and engine maintenance information not covered in this chapter, refer to TM 5-2805-259-14.

*d. Trailer.* For description and trailer maintenance information not covered in this chapter, refer to TM 9-2330-213-14.

*e. Lubrication.* Refer to LO 9-2330-213-12, TM 5-6115-275-14, TM 5-2805-259-14 and LO 5-2805-259-12 for all lubrication information required for PU-619/M.

## 3-2. Tabulated Data

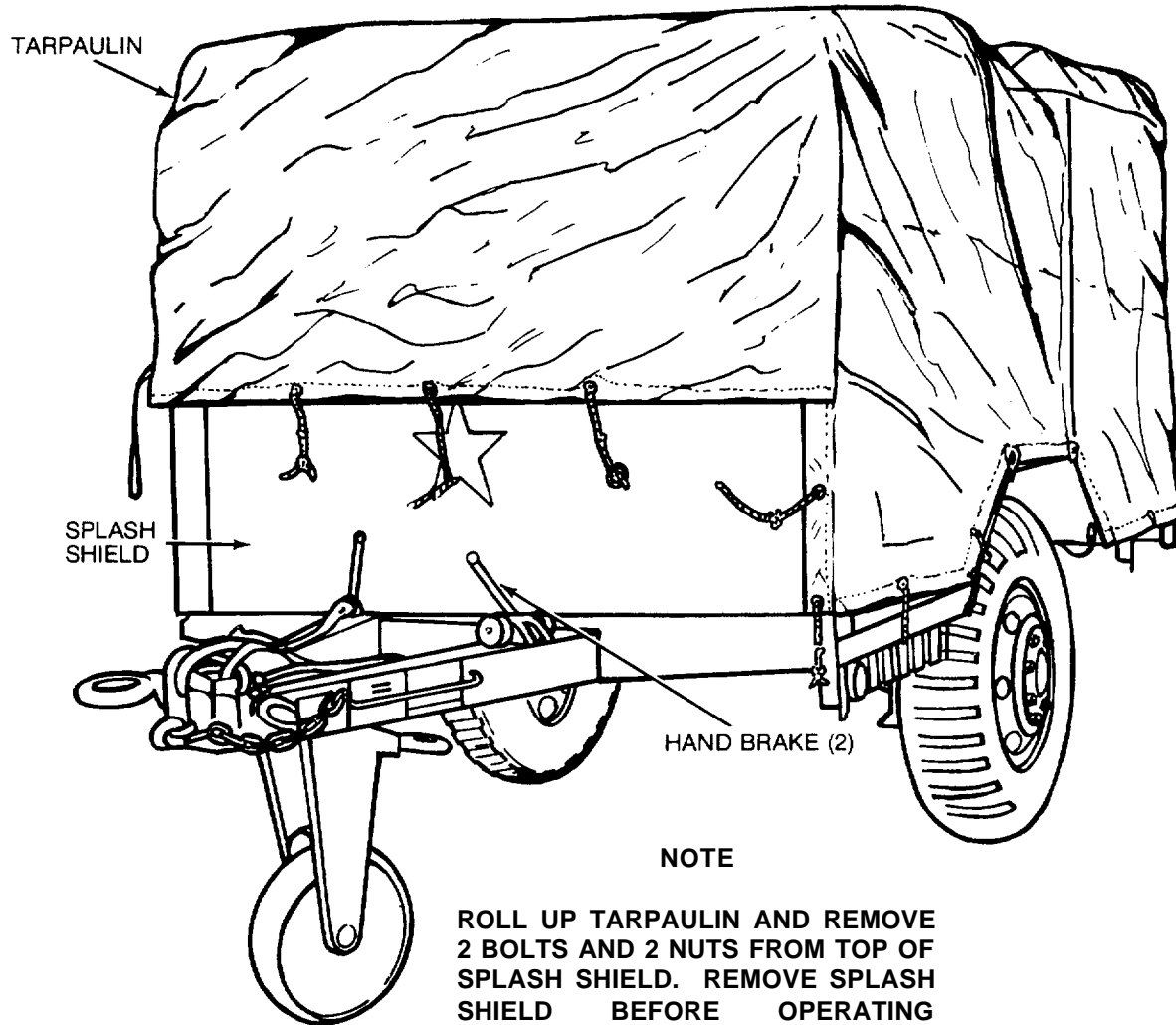
Table 3-1 lists the components for PU-619/M.

Table 3-1. ENPU-619/M Components.

FSN	Qty	Nomenclature
2330-141-8052	1	Trailer: M103A
6115-075-1641	2	Generator: 10 kW, Model SF 10.0-MD
2590-741-1037	1	Leg prop assembly, trailer
2910-066-1235	2	Adapter assembly, fuel drum
7240-222-3088	4	Can, gasoline; military 5-gallon
4210-00-555-8837	2	Fire extinguisher
5975-878-3791	2	Ground rod (w/attachments)
5120-251-4489	1	Sledge hammer
6115-00-459-5946	1	Tarpaulin (Short Front)
6115-00-206-1271	1	Tarpaulin (Long Front)

**CAUTION**

**KEEP TARPAULIN ROLLED UP DURING OPERATION AND BE CERTAIN TO MAINTAIN THE MAXIMUM AMOUNT OF SPACE FOR VENTILATION AROUND THE GENERATOR SETS WHEN OPERATING.**



**NOTE**

**ROLL UP TARPAULIN AND REMOVE 2 BOLTS AND 2 NUTS FROM TOP OF SPLASH SHIELD. REMOVE SPLASH SHIELD BEFORE OPERATING EQUIPMENT.**

**SHIPPING DIMENSIONS:**

LENGTH	174 INCHES
WIDTH	83 INCHES
HEIGHT	69 INCHES
WEIGHT	5,000 POUNDS

*Figure 3-1. PU-619/M, left front, 3/4 view.*



## Section II. OPERATING INSTRUCTIONS

### 3-3. Setting-Up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator sets to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate the handbrake at weekly intervals to assure freedom of linkage.

(3) Pull leg support down and adjust length for firm contact with ground.

#### **Warning**

**Wheels must be blocked, brakes set, and leg support down in support position before attempting to roll up the tarpaulin and before starting to assemble or setup the equipment for operation.**

#### b. Preparation for Starting

(1) Roll up tarpaulin and remove splash shield as instructed in figure 3-1.

(2) Remove all loose auxiliary items and anything else that might block the free circulation of air through the trailer and around the generator sets.

#### **Caution**

**It is of foremost importance that there be free circulation of air around the generator sets at all times during operation. Inadequate ventilation is a major cause of damage to the equipment.**

(3) Be sure transfer switch load cables are connected to the generator sets as illustrated in figure 3-2.

#### c. Grounding.

#### **Warning**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain.

(a) The ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq ft) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground stud as shown in figure 3-3.

(4) Be sure that both generators are connected to the generator set ground stud as shown in figure 3-3.

d. *Fuel Hose Connection.* Connect the fuel hoses as illustrated in figure 3-4.

#### **Warning**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

### 3-4. Starting

a. Perform the setting-up and pre-starting procedures (para 3-3).

b. Be sure the generator transfer switch is OFF (fig. 3-2).

c. Start the generator set as instructed in TM 5-6115-275-14.

### 3-5. Stopping

a. Turn generator transfer switch OFF or in position to select standby generator (figure 3-2).

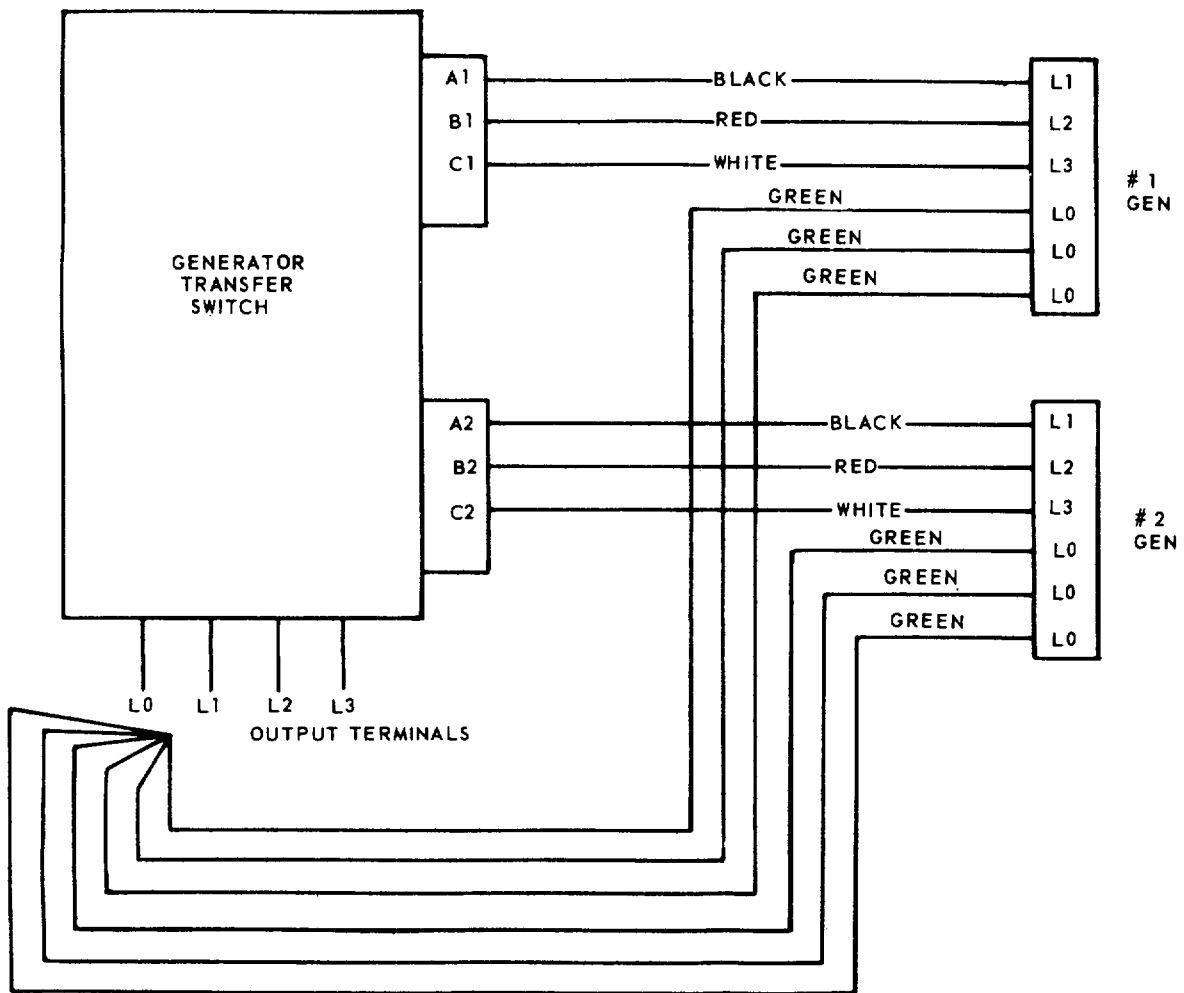
b. Stop the generator set as instructed in TM 5-6115-275-14.

### 3-6. Operation

a. Start the generator (para 3-4) and position transfer switch to desired generator.

b. Operate the generator as instructed in TM 5-6115-275-14.

c. Perform the fuel transfer procedure as instructed in figure 3-4.



MEC 6115-365-15/3-2

Figure 3-2. Interconnection diagram, transfer switch-to-generator.

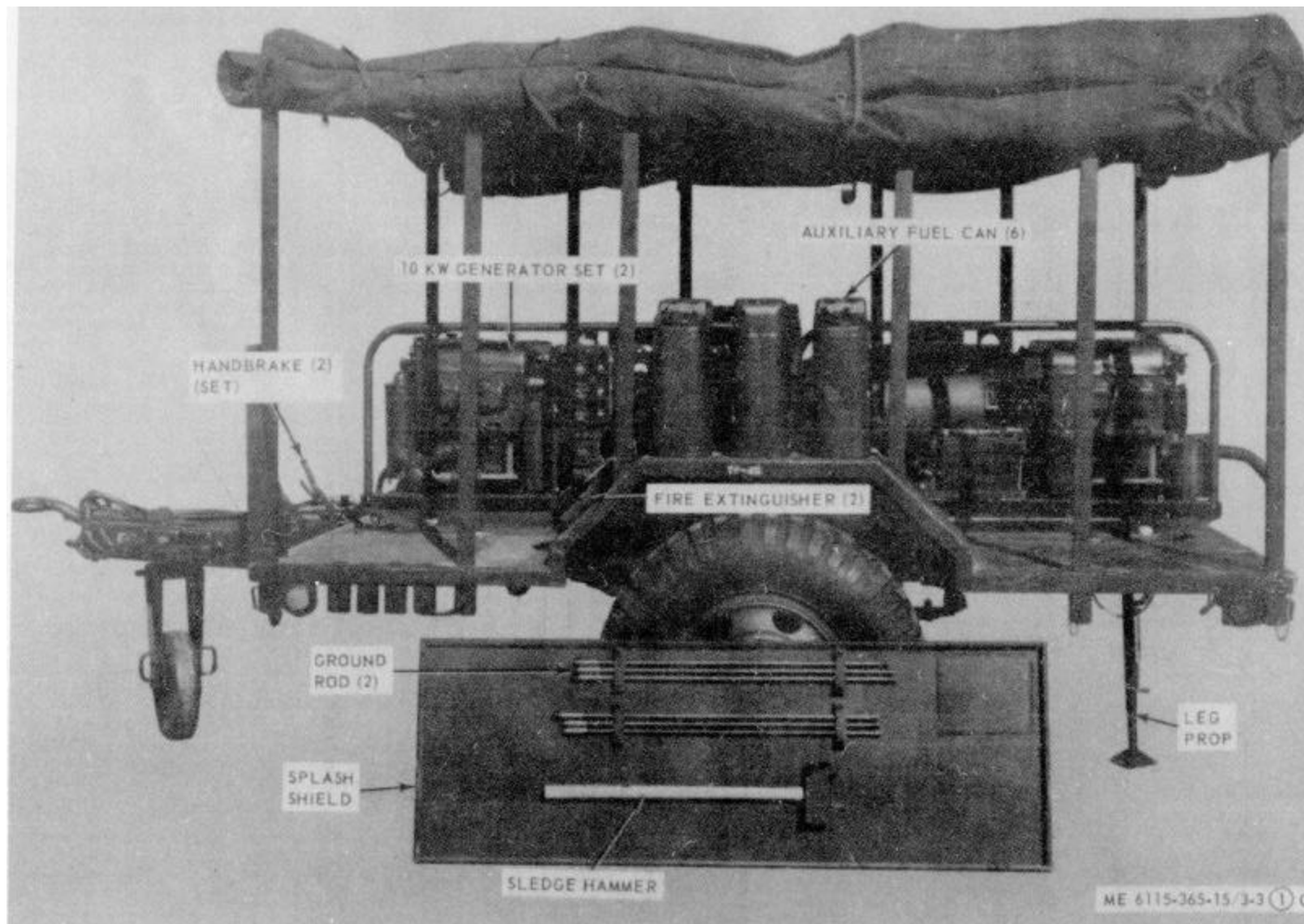


Figure 3-3. PU-619/M set up for operation.

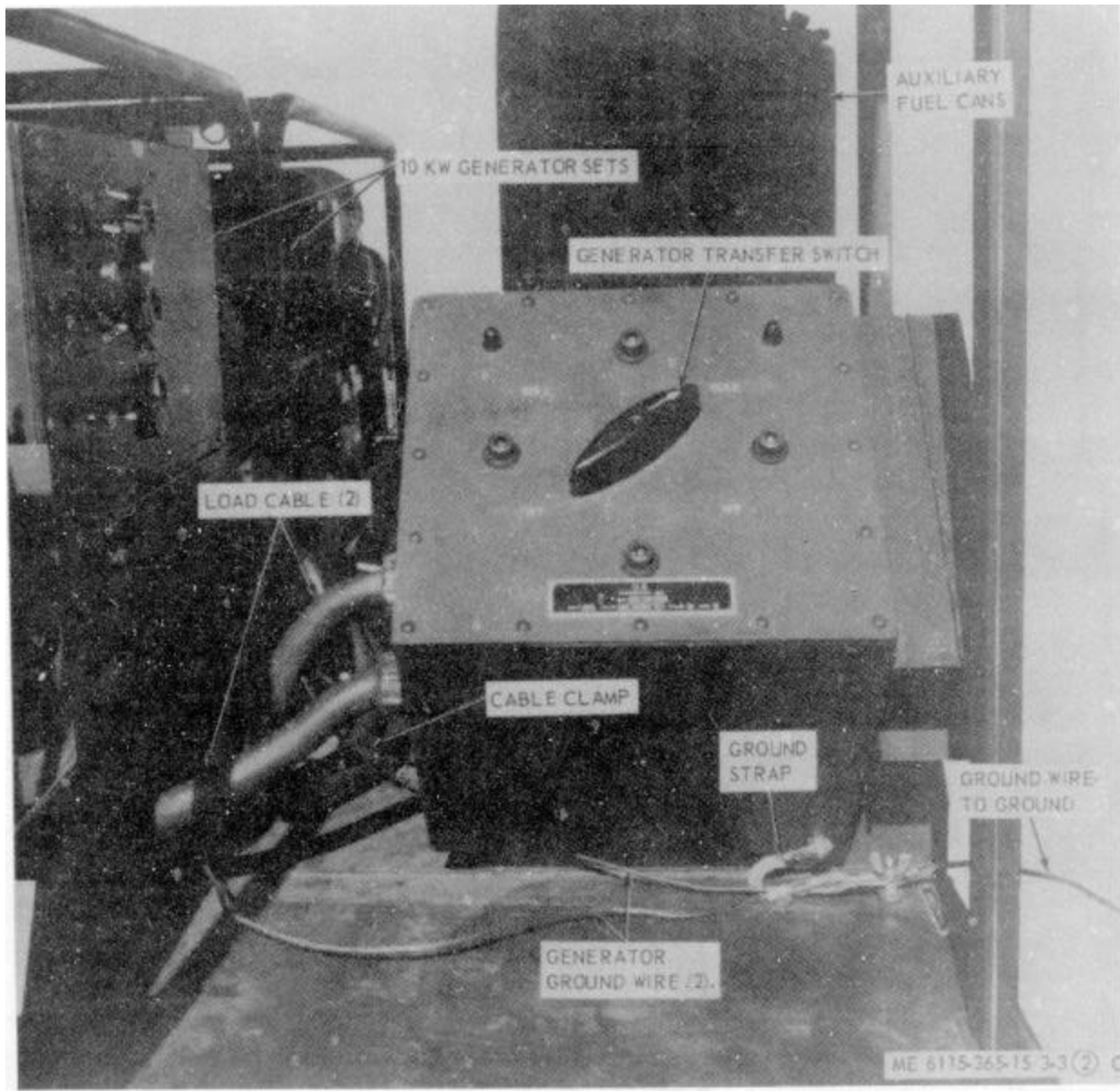
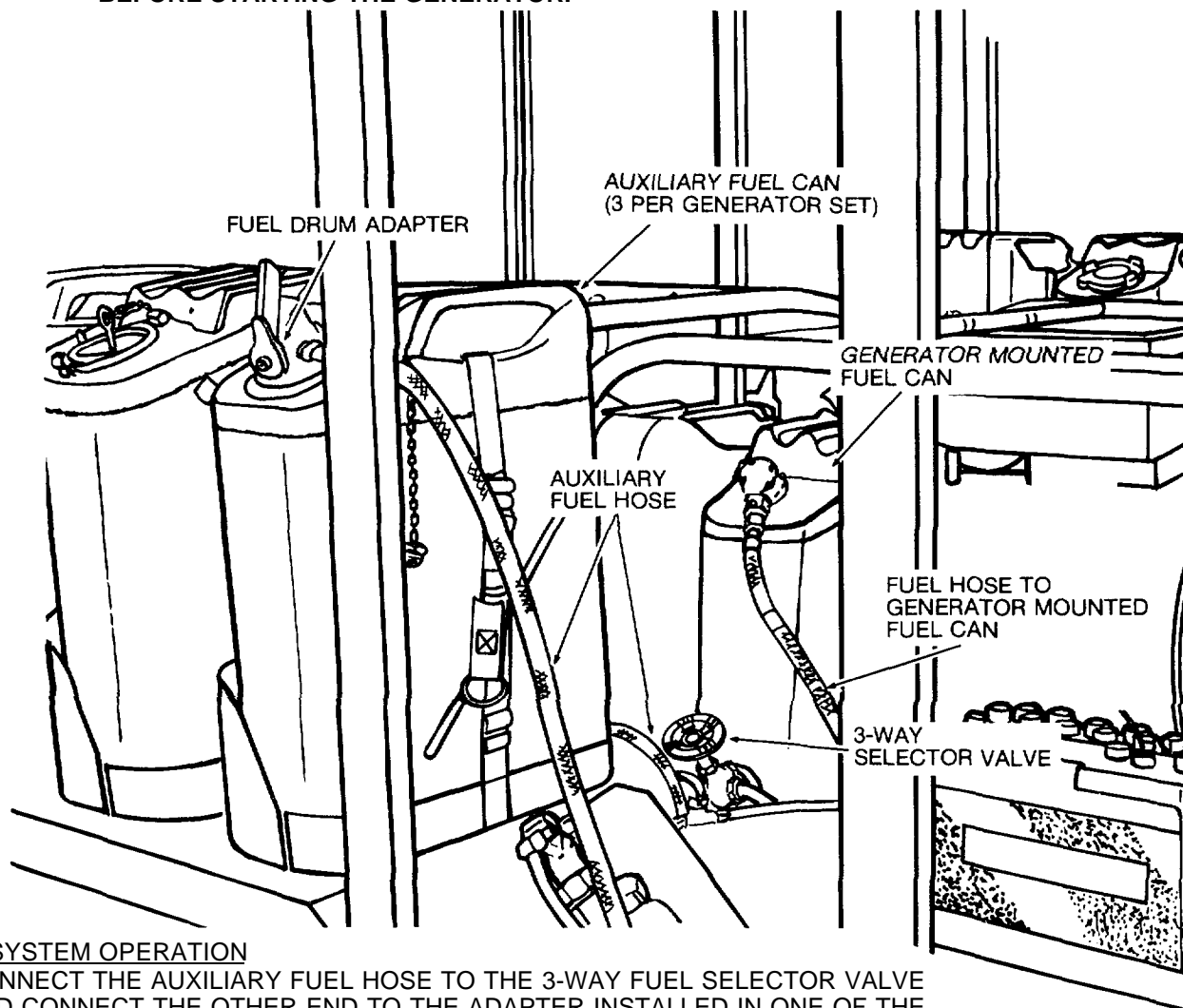


Figure 3-3. Continued.

**WARNING**

**CLEAN UP ANY SPILLED FUEL immediately, AND LET FUMES EVAPORATE BEFORE STARTING THE GENERATOR.**



**FUEL SYSTEM OPERATION**

1. CONNECT THE AUXILIARY FUEL HOSE TO THE 3-WAY FUEL SELECTOR VALVE AND CONNECT THE OTHER END TO THE ADAPTER INSTALLED IN ONE OF THE 5-GALLON AUXILIARY FUEL CANS.
2. POSITION THE SELECTOR VALVE TO DRAW FUEL FROM THE GENERATOR-MOUNTED FUEL CAN. START THE GENERATOR AND BRING IT UP TO OPERATING SPEED.
3. POSITION THE SELECTOR VALVE TO DRAW FUEL FROM THE AUXILIARY FUEL CAN. OPERATE THE GENERATOR FOR APPROXIMATELY 4 HOURS ON THE AUXILIARY FUEL CAN, THEN TURN SELECTOR VALVE TO DRAW FUEL FROM THE GENERATOR-MOUNTED FUEL CAN.
4. SWITCH THE ADAPTER TO ANOTHER AUXILIARY FUEL CAN AND TURN THE SELECTOR VALVE BACK TO AUXILIARY FUEL SUPPLY POSITION.

**NOTE**

**THIS PROCEDURE ELIMINATES NEED TO CHANGE FUEL CANS.**

**WARNING**

**DO NOT LET FUEL ADAPTERS COME IN CONTACT WITH THE BATTERIES.**

*Figure 3-4. Fuel system connection and transfer procedure.*

**Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS****3-7. Transfer Switch Indicating Lamps**

*b. Installation.* Install the indicator lamp and lens as illustrated in figure 3-8.

*a. Removal.* Remove lens and remove indicator or lamp as illustrated in figure 3-8.

**3-8. Field Expedient Repairs**

Trouble	Probable cause	Remedy
Power transfer switch will not supply power to load	Switch on terminal board defective	Disconnect generator sets from transfer cables and connect load cables directly to the individual terminal boards of the generator sets

All data on Page 3-10, including Figure 3-5 deleted.

## Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

### 3-9. Transfer Switch Indicating Lights

- *a. Removal.* Remove the indicating lights as illustrated in figure 3-8.

- *b. Installation.* Install the indicating lights as illustrated in figure 3-8.

### 3-10. Ground Wires, Strap, and Terminal Stud

*a. Removal.* Remove the ground strap, and wires from the ground terminal stud and generator set as shown in figure 3-3. Remove the terminal stud.

*b. Installation.* Install the ground strap, wires and terminal stud as shown in figure 3-3.

### 3-11. Tarpaulin, Roof Bows, and Leg Prop

*a. Removal.*

- (1) Remove the tarpaulin from the unit.
- (2) Pull out the chain-secured pins that

secure the roof bows to the trailer bed and remove the bows.

(3) Remove the hardware that secures the leg prop to the rear underside of the trailer bed and remove the leg prop.

*b. Cleaning and Inspection.*

(1) Clean tarpaulin and bows with water and detergent. Clean leg prop with approved cleaning solvent. Dry thoroughly.

(2) Inspect tarpaulin for tears, holes, broken or missing ropes and straps, and other defects. Inspect bows and leg prop for cracks, bends, and any other defects.

*c. Installation.*

(1) Mount the leg prop to the underside of the trailer bed and secure with mounting hardware.

(2) Install the roof bows in the trailer bed and secure with pins. Install the tarpaulin and secure in desired position.

## Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

### 3-12. Generator Transfer Switch

*a. Removal and Disassembly.*

(1) Tag and disconnect leads from the output terminals to load.

- (2) Remove and disassemble the transfer switch as illustrated in figure 3-8.

*b. Resassembly and Installation.*

- (1) Reassemble and install the transfer switch as illustrated in figure 3-8.

(2) Connect load connections. (Refer to fig. 3-6).

### 3-13. Generator Sets

*a. Removal.* Using figure 3-7 as a guide, perform the following steps:

(1) Disconnect fuel lines.

(2) Disconnect electrical leads and load cables.

(3) Disconnect oil drain adapters.

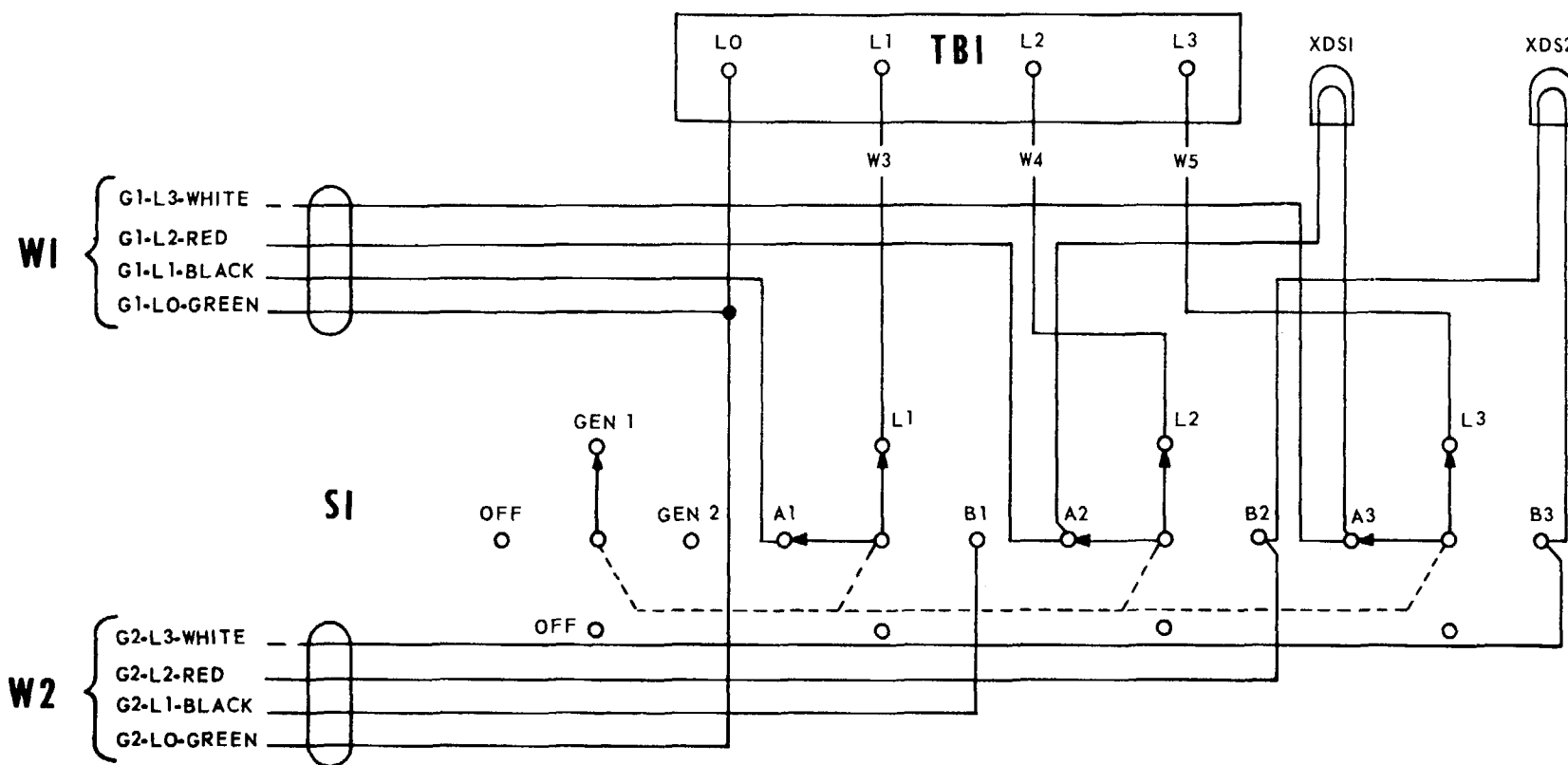
(4) Remove 2 bolts and 2 nuts that secure the muffler pipe on the front generator set to the trailer.

(5) Remove the 8 bolts that secure the two generator sets to the trailer and remove the generator sets.

*b. Installation.* Using figure 3-7 as a guide, perform the following steps:

(1) Secure the 2 generator sets to the trailer bed with 8 bolts.

(2) Secure the front muffler pipe to trailer bed with 2 bolts and 2 nuts.



ME 6115-365-15/2-6 C1

Figure 3-6. Transfer switch wiring diagram.



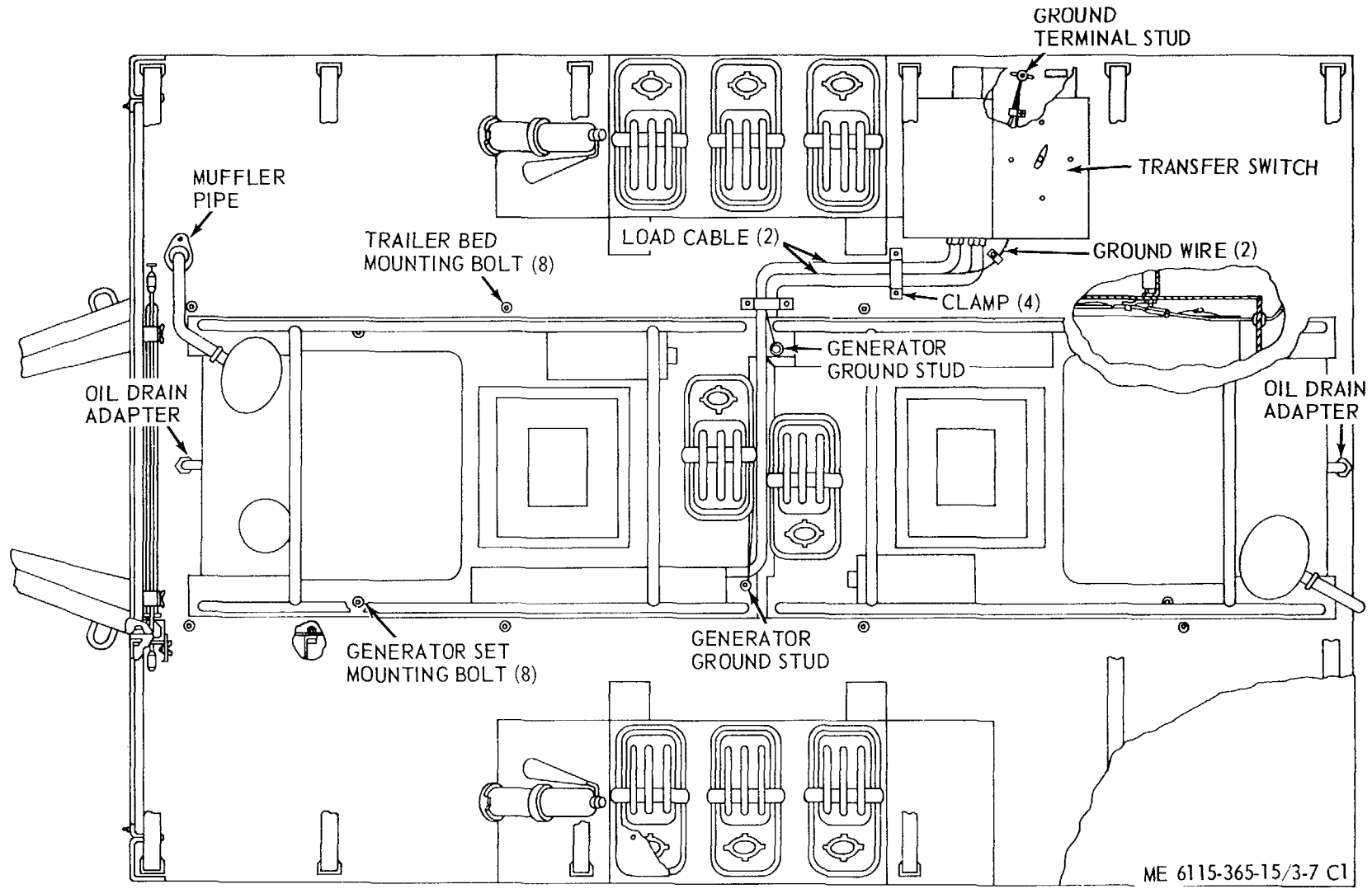


Figure 3-7. PU-619M overall component location diagram.

### 3-14. Tarpaulin, Roof Bows, and Leg Prop

*a. Removal.* Remove the tarpaulin, bows, and leg prop (para. 3-11).

*b. Repair.*

(1) Patch or sew rips and tears in the tarpaulin. Replace damaged or missing straps and ropes. Replace a tarpaulin that is too badly damaged to be repaired.

(2) Weld minor cracks and breaks in the bows or leg prop. Straighten bows where possible. Replace defective or missing hardware. Replace bows or leg prop that are damaged beyond repair.

*c. Installation.* Install tarpaulin, bows, and leg prop (para 3-11).

### 3-15. Trailer Bed

*a. Removal.*

(1) Remove the tarpaulin, roof bows, and leg prop (para 3-11).

(2) Remove the transfer switch from trailer (para 3-12).

(3) Remove the generator sets (para 3-13).

(4) Loosen straps and remove auxiliary fuel cans from trailer.

(5) Remove 8 bolts from the top surface of the trailer bed and 12 bolts from the underside that secure the gussets to the trailer.

(6) Disconnect the electrical leads from the trailer lights and remove the trailer bed from the trailer.

*b. Cleaning, Inspection and Repair.*

(1) Clean bed with approved cleaning solvent. Dry thoroughly.

(2) Inspect for broken welds, bends and dents, and any damage that prevents proper assembly of the unit. Weld cracks and breaks and straighten dents or bends where possible. Replace a trailer bed that is damaged beyond repair.

*c. Installation.*

(1) Install trailer bed on trailer and secure with 12 bolts on the underside and 8 bolts on the top. Connect wiring to lights.

(2) Install the generator sets (para 3-13).

(3) Install the transfer switch (para 3-12).

(4) Install the auxiliary fuel cans and secure with straps.

(5) Install leg prop, roof bows, and tarpaulin (para 3-11).

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
00001		PART I								
00002		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
		GROUP 01 - ENGINE								
		0106 - ENGINE LUBRICATION SYSTEM								
O	4730-766-7908	NIPPLE TUBE	EA	2	*	*	*	*		
00003										
O	5310-282-7892	NUT, PLAIN, HEXAGON, RAIN HOSE	EA	2	*	*	*	*		
00004										
O	5210-059-6372	WASHER, LOCK: oil drain union	EA	2	*	*	*	*		
00005										
00006		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS								
00007		1501 - FRAME ASSEMBLY								
X2 O	7240-222-3088	BRACKET ASSEMBLY: 5 gallon	EA	6						
00008		MS53052-1 (96906)								
X2 O		BRACKET	EA	6						
00009		13214E1204 (97403)								
X2 O	5340-999-4286	BUCKLE	EA	12						
00010		MS51940-7 (96906)								
X2 O		FASTENER	EA	6						
00011		1314E1205 (97403)								
X2 O		HOOK, DRIP RAIL	EA	6						
		13212E3616 (97403)								
M O		STRAP, TOP: 30 in. lg	EA	6						
00013		13214E1203-2 (97403)								
		MANUFACTURE FROM:								
P O	5340-922-5653	STRAP, WEBBING	FT			SEE	GRP	9501		
00014		1403 (06716)								
M O		STRAP, BOTTOM: 18 in. lg	EA	6						
00015		13214E1203-3 (97403)								
		MANUFACTURE FROM:								
P O	5340-922-5653	STRAP, WEBBING	FT			SEE	GRP	9501		
00016		1403 (06716)								
X2 O	5340-999-6277	BRACKET ASSEMBLY, SLEDGE HAMMER	EA	1						
00017		13214E1214 (97403)								
X2 O	2590-932-7298	CLAMP, GROUND ROD	EA	4						
00018		13212E3617-1 (97403)								
X2 O	5340-914-2578	CLIP, SPRING, TENSION	EA	1						
00019		13214E1213-1 (97403)								
X2 O		NUT, PLAIN, HEXAGON, JAM: 3/8-16	EA	3						
00020		MS16203-39 (96906)								
O	5310-543-4717	NUT, PLAIN, WING, BRASS	EA	1	*	*	*	*		
00021										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 X 20	EA	2	*	*	*	*		
00022										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 X 20	EA	1	*	*	*	*		
00023										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 X 20	EA	8	*	*	*	*		
00024										
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8 X 16	EA	24	*	*	*	*		
00025										
O	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4 X 20 X 1 lg	EA	2	*	*	*	*		
00026										
O	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4 X 20 X 1 lg	EA	1	*	*	*	*		
00027										
O	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8 X 16 X 1-1/4	EA	24	*	*	*	*		
00028										
O	5305-958-5247	SCREW, MACHINE, FLAT HEAD: 1/2 X 20 X 1 lg	EA	8	*	*	*	*		
00029										
X2 O	5340-00-878-5269	STUD: 3/8-16 X 2-1/2	EA	1						
00030		13214E1223 (97403)								

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O		WASHER, FLAT, ELECTRICAL- 3/8 thd size	EA	4						
00031		AN916-616T (88044)								
O	5310-809-4058	WASHER, FLAT: round	EA	2	*	*	*	*		
00032										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*		
00033										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	8	*	*	*	*		
00034										
O	5310-809-4061	WASHER, FLAT: round, 3/8 screw size	EA	24	*	*	*	*		
00035										
O	5310-913-9776	WASHER, LOCK: external tooth, flat, 3/8	EA	2	*	*	*	*		
00036										
00037		GROUP 18 - BODY, CAB, HOOD AND HULL								
00038		1801 - BODY, CAB, HOOD, HULL ASSEMBLIES								
O	5310-080-8495	NUT, PLAIN. WING: 1/4 x 20	EA	2	*	*	*	*		
00039										
X2 O		PLATE, FRONT, SHIELD	EA	1						
00040		13216E7433 (97403)								
O	5305-721-8010	SCREW, CAP, HEXAGON HEAD: 1/4 x 20 x 2 lg	EA	2	*	*	*	*		
00041										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*		
00042										
O	5310-933-8121	WASHER, LOCK: spring, helical, 1/4 screw	EA	2	*	*	*	*		
00043										
00044		1810 - CARGO BODY								
X2 O		BOLT, HEXAGON HEAD: 5/8-11 x 6-1/2 lg	EA	2						
00045		FFB575 (97403)								
O	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5/8 x 11	EA	8	*	*	*	*		
00046										
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8 x 16	EA	12	*	*	*	*		
00047										
O	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8 x 16 x 1 lg	EA	16	*	*	*	*		
00048										
O	5305-724-5911	SCREW. CAP, HEXAGON HEAD 5/8-11 x 1-3/4	EA	6	*	*	*	*		
00049										
X2 O		SHIM (As required)								
00050		13212E3590 (97403)								
O	5310-809-4061	WASHER, FLAT: round, 3/8 screw size	EA	28	*	*	*	*		
00051										
O	5310-823-8803	WASHER, FLAT: round, 5/8 screw size	EA	16	*	*	*	*		
00052										
O	5310-637-9541	WASHER, LOCK: spring, helical, 3/8 screw	EA	4	*	*	*	*		
00053										
00054		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS								
00055		2201 - CANVAS ITEMS								
P O	2540-924-8478	BOW, TRAILER TARPULIN	EA	4	*	*	*	*		
00056		13212E3597-1 (97403)								
P O	5340-00-878-5269	PIN, QUICK RELEASE	EA							
		MS17990C613 (96906)								
P O	2540-926-1003	BOW, TRAILER TARPULIN	EA	2	*	*	*	*		
00057		13212E3597-2 (97403)								
P OR	6115-00-459-5946	TARPAULIN	EA	1	*	*	*	2		
00058		13216E7434 (97403)								
00059		2202 - ACCESSORY ITEMS								
X2 O	7240-222-3088	CAN, GASOLINE,: 5-gallon military	EA	6						
00060		MILC1283 (81349)								
P C	5120-265-7462	HAMMER, HAND: double faced, 8 lb	EA	1	*	*	*	*		
00061		GGGH86TYPEXCLASS1 (81348)								
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	12	*	*	*	*		
00062										
X2 O	9905-202-3639	REFLECTOR, CLEARANCE: amber	EA	2						
00063		MS35387-2 (96906)								
X2 O	9905-205-2795	REFLECTOR, CLEARANCE: red	EA	4						
00064		MS35387-1 (96906)								

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
P C 00065	5975-642-8937	ROD, GROUND: Type 2, Style 2 MILR11461TYPE2STYLE2 (81349)	EA	2	*	*	*	*		
X2 O 00066		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 lg MS90725-5 (96906)	EA	12						
O 00067 00068	5310-809-8546	WASHER, FLAT: round, 1/4 screw size  2210 - DATA PLATES	EA	20	*	*	*	*		
X2 O 00069	6115-916-9734	PLATE, IDENTIFICATION 13205E4916-3 (97403)	EA	1						
X2 O 00070		PLATE, IDENTIFICATION, GROUND TERMINAL 13205E4918 (97403)	EA	1						
X2 O 00071		PLATE, INFORMATION WIRING, DIAGRAM 13212E3587 (97403)	EA	1						
O 00072	5305-989-7434	SCREW, MACHINE, PAN HEAD: 10-32 x 1/2	EA	16	*	*	*	*	3-8	5
O 00073	5310-809-4546	WASHER, FLAT: round, 10-32 screw size	EA	16	*	*	*	*	3-8	7
O 00074 00075	5310-045-3296	WASHER, LOCK, HELICAL, SPLIT: No. 10  GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS (SPECIAL PURPOSE)	EA	16	*	*	*	*	3-8	6
00076		2941 - ENGINE MUFFLER, EXHAUST AND TAIL PIPES								
X2 O 00077	6115-947-3380	EXHAUST TUBE 13214E1238 (97403)	EA	1						
X2 O 00078	6115-934-7878	TUBE, EXHAUST 13214E1389 (97403)	EA	1						
X2 O 00079	5340-940-7332	CLAMP ASSEMBLY 13222Z3592-14 (97403)	EA	2						
O 00080	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 X 20	EA	2	*	*	*	*		
O 00081	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4 X 20 X 1 lg	EA	2	*	*	*	*		
O 00082	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*		
00083		GROUP 40 - ELECTRIC MOTORS AND GENERATORS								
00084		4000 - GENERATOR ASSEMBLY								
O 00085	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5/8-11	EA	8	*	*	*	*		
O 00086	5305-724-5911	SCREW, CAP, HEXAGON HEAD: 5/8 X 11 X 1-3/4	EA	8	*	*	*	*		
O 00087	5310-823-803	WASHER, FLAT: round head, 5/8 screw	EA	16	*	*	*	*		
00088		GROUP 42 - ELECTRICAL EQUIPMENT								
00089		4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES								
X2 O 00090		LIGHT AND WIRE: 12 in. lg 132123581-1 (9743)	EA	1					3-8	2
O 00091	5310-225-6993	NUT, SELF-LOCKING, HEXAGON: 1/2-13	EA	4	*	*	*	*	3-8	10
O 00092	5310-225-6993	NUT, SELF-LOCKING, HEXAGON: 1/2-13	EA	4	*	*	*	*		
X2 O 00093	5330-618-5361	PACKING, PREFORMED, "O" RING MS28775-015 (96906)	EA	4					3-8	4
X2 O 00094	5330-579-7916	PACKING, PREFORMED, "O" RING MS28775-115 (96906)	EA	1					3-8	32
X2 O 00095		PACKING, PREFORMED, "O" RING MS28775-142 (96906)	EA	2					3-8	15
X2 O 00096		PLATE, INFORMATION WIRING, DIAGRAM 13212E3587 (97403)	EA	1		SEE	GRP	2210		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
O 00097	5305-044-4153	SCREW, CAP, HEXAGON HEAD: 1/2-13 x 1 lg	EA	4		**	*	*		
O 00098	5305-983-7467	SCREW, CAP: socket head, 1/2-13unc-3A x 3 lg	EA	4	*	*	*	*	3-8	3
O 0099	5310-809-3079	WASHER, FLAT, ROUND, BOX MOUNTING: 1/2 screw size	EA	8	*	*	*	*		
O 00100 00101	5310-809-5998	WASHER, FLAT: round, 1/2 in. screw  4216 - MISCELLANEOUS WIRING AND FITTING	EA	8	*	*	*	*	3-8	9
X2 O 00102		CLAMP, CABLE, DOUBLE 13212E3591-5 (97403)	EA	2						
X2 O 00103		CLAMP, CUSHIONED, SUPPORT LOOP: 1/8 MS21334-2 (96906)	EA	2						
O 00104	5310-918-6921	NUT, PLAIN, HEXAGON: jam	EA	1	*	*	*	*		
X2 O 00105		NUT, PLAIN, HEXAGON: machine screw, 10-24 MS35649-202 (96906)	EA	2						
O 00106	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	4	*	*	*	*		
O 00107	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1-1/4	EA	4	*	*	*	*		
X2 O 00108		SCREW, CAP, HEXAGON HEAD: 3/8-16 X 3/4 lg MS35309-58 (96906)	EA	1						
O 00109	5305-984-6211	SCREW, MACHINE, PAN HEAD: 10-24 X 5/8 lg	EA	2	*	*	*	*		
O 00110	5310-809-4058	WASHER, FLAT: round, 1/4 thd size	EA	8	*	*	*	*		
O 00111	5310-809-8546	WASHER, FLAT: round, No. 10 screw size	EA	4	*	*	*	*		
O 00112	5310-913-9776	WASHER, LOCK: external tooth, flat, 3/8	EA	1	*	*	*	*		
O 00113	5310-045-3296	WASHER, LOCK: spring, helical, No. 10	EA	2	*	*	*	*		
M O 00134		WIRE, ELECTRICAL: No. 6, copper, uninsulated QQW343TYPERBCLASS1 (81348) MANUFACTURE FROM:	FT							
P O 00115	6145-299-6188	WIRE, ELECTRICAL: copper, uninsulated, No. 6 (As required) QQW343TYPERBCLASS1 (81348) GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS	FT			SEE	GRP	9501		
00117		7638 - PORTABLE FIRE FIGHTING EQUIPMENT								
P C 00118	4210-555-8837	EXTINGUISHER, FIRE, W/BACKET MILE52031 (81349)	EA	2	*	*	*	*		
O 00119	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	8	*	*	*	*		
X2 O 00120		SCREW, CAP, HEXAGON: 1/4-20 X 5/8 lg MS90725-6 (96906)	EA	8						
O 00121 00122	5310-809-8546	WASHER, FLAT: round, 1/4 screw size  GROUP 95 - GENERAL USE STANDARDIZED PARTS	EA	16	*	*	*	*		
00123		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON								
P O 00124	5340-922-5653	WEBBING, STRAP 1403 (06716)	FT		*	*	*	*		
P O 00125	6145-299-6188	WIRE, ELECTRICAL: No. 6, copper uninsulated QQW343TYPERBCLASS1 (81348)	FT		*	*	*	*		

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  ref NUMBER & MFR CODE	(4)  USABLE ON CODE	(5)  UNIT OF MEAS	(6)  30-DAY DS MAINT ALLOWANCE	(7)  30-DAY GS MAINT ALLOWANCE	(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
									(a) FIG. NO.	(b) ITEM NO.
00001		PART II								
00002		REPAIR PARTS FOR DS, GS, AND DEPOT MAINTENANCE								
		GROUP 01 - ENGINE								
		0106 - ENGINE LUBRICATION SYSTEM								
O	4730-766-7908	NIPPLE TUBE		EA	2	*	*	*	*	*
00003										
O	5310-282-7822	NUT, PLAIN, HEXAGON, RAIN HOSE		EA	2	*	*	*	*	*
00004										
O	5310-059-6372	WASHER, LOCK: oil drain union		EA	2	*	*	*	*	*
00005										
00006		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS								
		1501 FRAME ASSAULT								
00007										
X2 O	7240-222-3088	BRACKET ASSEMBLY: 5 gallon		EA	6					
00008		MS53052-1 (96906)								
X2 O		BRACKET		EA	6					
00009		13214E1204 (97403)								
X2 O	5340-999-4286	BUCKLE		EA	12					
00010		MS51940-7 (96906)								
X2 O		FASTENER		EA	6					
00011		13214E1205 (97403)								
X2 O		HOOK, DRIP RAIL		EA	6					
00012		13212E3616 (97403)								
M O		STRAP, TOP: 30 in. lg		EA	6					
00013		13214E1203-2 (97403)								
P O	5340-922-5653	MANUFACTURE FROM: STRAP, WEBBING		FT		SEE	GRP	9501		
00014		1403 (06716)								
M O		STRAP, BOTTOM: 18 in. lg		EA	6					
00015		13214E1203-3 (97403)								
P O	5340-922-5653	MANUFACTURE FROM: STRAP, WEBBING		FT		SEE	GRP	9501		
00016		1403 (06716)								
X2 O	5340-999-6277	BRACKET ASSEMBLY, SLEDGE HAMMER		EA	1					
00017		13214E1214 (97403)								
X2 O	2590-932-7298	CLAMP, GROUND ROD		EA	4					
00018		13212E3617-1 (97403)								
X2 O	5340-914-2578	CLIP, SPRING, TENSION		EA	1					
00019		13214E1213-1 (97403)								
X2 O		NUT, PLAIN, HEXAGON, JAM: 3/8-16		EA	3					
00020		MS16203-39 (96906)								
O	5310-543-4717	NUT, PLAIN, WING, BRASS		EA	1	*	*	*	*	*
00021										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 x 20		EA	2	*	*	*	*	*
00022										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 x 20		EA	1	*	*	*	*	*
00023										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 x 20		EA	8	*	*	*	*	*
00024										
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8 x 16		EA	24	*	*	*	*	*
00025										
O	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4 x 20 x 1								
00026		lg		EA	2	*	*	*	*	*
O	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4 x 20 x 1								
00027		lg		EA	1	*	*	*	*	*

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  ref NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00028	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8 x 16 x 1-1/4	EA	24	*	*	*	*	*	*	*	*		
O 00029	5305-958-5247	SCREW, MACHINE, FLAT HEAD: 1/4 x 20 x 1 lg	EA	8	*	*	*	*	*	*	*	*		
X2 O 00030		STUD: 3/8-16 x 2-1/2	EA	1										
X2 O 00031		13214E1223 (97403)												
O 00032	5310-809-4058	WASHER, FLAT, ELECTRICAL: 3/8 thd size AN916-616T (88044)	EA	4										
O 00033	5310-809-4058	WASHER, FLAT: round	EA	2	*	*	*	*	*	*	*	*		
O 00034	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*	*	*	*	*		
O 00035	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	8	*	*	*	*	*	*	*	*		
O 00036	5310-809-4061	WASHER, FLAT: round, 3/8 screw size	EA	24	*	*	*	*	*	*	*	*		
O 00037	5310-913-9776	WASHER, LOCK: external tooth, flat, 3/8	EA	2	*	*	*	*	*	*	*	*		
D0038		GROUP 18- BODY, CAB, HOOD AND HULL 1801 - BODY, CAB, HOOD, HULL ASSEMBLIES												
O 00039	5310-080-8495	NUT, PLAIN, WING: 1/4 x 20	EA	2	*	*	*	*	*	*	*	*		
X2 O 00040		PLATE, FRONT, SHIELD 13212E3611-1 (97403)	EA	1										
O 00041	5305-721-8010	SCREW, CAP, HEXAGON HEAD: 1/4 x 20 x 2 lg	EA	2	*	*	*	*	*	*	*	*		
O 00042	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*	*	*	*	*		
O 00043	5310-933-8121	WASHER, LOCK: spring, helical, 1/4 screw	EA	2	*	*	*	*	*	*	*	*		
X2 DR 00044		1810 - CARGO BODY												
X2 O 00045		BODY, TRAILER 13214E1495 (97403)	EA	1										
X2 O 00046		BOLT, HEXAGON HEAD: 5/8-11 x 6-1/2 lg FFB575 (97403)	EA	2										
X2 DR 00047		CHASSIS, TRAILER: M103A3 13212E3588-2 (97403)	EA	1										
O 00048	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5/8 x 11	EA	8	*	*	*	*	*	*	*	*		
O 00049	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8 x 16	EA	12	*	*	*	*	*	*	*	*		
O 00050	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8 x 16 x 1 lg	EA	16	*	*	*	*	*	*	*	*		
O 00051	5305-724-5911	SCREW, CAP, HEXAGON HEAD: 5/8-11 x 1-3/4	EA	6	*	*	*	*	*	*	*	*		
X2 O 00052		SHIM (As required) 13212E3590 (97403)												
O 00053	5310-809-4061	WASHER, FLAT: round, 3/8 screw size	EA	28	*	*	*	*	*	*	*	*		
O 00054	5310-823-8803	WASHER, FLAT: round, 5/8 screw size	EA	16	*	*	*	*	*	*	*	*		
O 00055	5310-637-9541	WASHER, LOCK: spring, helical, 3/8 screw	EA	4	*	*	*	*	*	*	*	*		
O 00056		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS 2201 - CANVAS ITEMS												
P O 00057	2540-924-8478	BOW, TRAIL TARPULIN 13212E3597-1 (97403)	EA	4	*	*	*	2	*	*	2	8	8	
O 00058														



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
P O 00059	2540-926-1003	BOW, TRAILER TARPAULIN 13212E3597-2 (97403)	EA	2	*	*	*	*	*	*	4	4		
P OR 00060	2540-914-2558	TARPAULIN 13212E3598 (97403)	EA	1	*	2	2	*	2	2	13	13		
M F 00061	2540-922-7651	STRAP, WEBBING: 16 x 3/4 x 18 lg 13212E3598-1 (97403)	EA	8										
P F 00062	2540-914-2558	MANUFACTURE FROM: STRAP, WEBBING 13212E3598-1-2-3 (97403)	FT					SEE	GRP	9501				
M F 00063	2540-914-2569	STRAP, WEBBING: 16 x 3/4 x 53 lg 13212E3598-2 (97403)	EA	8										
P F 00064	2540-914-2558	MANUFACTURE FROM: STRAP, WEBBING 13212E3598-1-2-3 (97403)	FT					SEE	GRP	9501				
M F 00065		STRAP, WEBBING: 16 x 3/4 x 18-1/2 lg 13212E3598-3 (97403)	EA	6										
P F 00066	2540-914-2558	MANUFACTURE FROM: STRAP, WEBBING 13212E3598-1-2-3 (97403)	FT					SEE	GRP	9501				
X2 F 00067		STRAP, WEBBING: 16 x 1 x 16 lg 13212E3598-4 (97403)	EA	12										
X2 F 00068		STRAP, WEBBING: 16 x 1 x 19-1/2 lg 13212E3598-5 (97403)	EA	12										
X2 F 00069		TEE, HOOK 13214E1498 (97403)	EA	22										
X2 F 00070	5340-057-6956	BUCKLE: spring action MS51929-2 (96906)	EA	12										
X2 F 00071		CHAPE ASSEMBLE 13214E1392 (97403)	EA	12										
X2 F 00072	5340-078-7029	CLIP, END STRAP: black brass No. 1 MS51926-3 (96906)	EA	24										
X2 F 00073		DEE, RING: bronze MS51925-8 (96906)	EA	14										
X2 F 00074		ROPE: sisal, nom dia, x 30 lg 13212E3598-11 (97403)	EA	27										
00075		2202 - ACCESSORY ITEMS												
X2 O 00076	7240-222-3088	CAN, GASOLINE: 5-gallon military MILC1283 (81349)	EA	6										
P C 00077	5120-265-7462	HAMMER, HAND: double faced, 8 lb GGGH86TYPEXCLASS1 (81348)	EA	1	*	*	2	*	*	2	10	10		
O 00078	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	12	*	*	*	*	*	*	*	*		
X2 O 00079	9905-202-3639	REFLECTOR, CLEARANCE: amber MS35387-2 (96906)	EA	2										
X2 O 00080	9905-205-2795	REFLECTOR, CLEARANCE: red MS35387-1 (96906)	EA	4										
P C 00081	5975-642-8937	ROD, GROUND: Type 2, Style 2 MILR11461TYPE2STYLE2 (81349)	EA	2	*	*	2	*	*	2	10	10		
X2 O 00082		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 g19 MS90725-5 (96906)	EA	12										
O 00083	5310-809-8546	WASHER, FLAT: round, 1/4 screw size	EA	20	*	*	*	*	*	*	*	*		
00084		2210 - DATA PLATES												
X2 O 00085	6115-916-9734	PLATE, IDENTIFICATION 13205E4916-3 (97403)	EA	1										

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  ref NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCTY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00086		PLATE, IDENTIFICATION, GROUND TERMINAL 13205E4918 (97403)	EA	1										
X2 O 00087		PLATE, INFORMATION WIRING, DIAGRAM 13212E3587 (97403)	EA	1										
O 00088	5305-989-7434	SCREW, MACHINE, PAN HEAD: 10-32 x 1/2 lg	EA	16	*	*	*	*	*	*	*	*	3-8	5
O 00089	5310-809-8546	WASHER, FLAT: round, 10-32 screw size	EA	16	*	*	*	*	*	*	*	*	3-8	7
O 00090	5310-045-3296	WASHER, LOCK, HELICAL, SPLIT: No. 10 size	EA	16	*	*	*	*	*	*	*	*	3-8	6
00091		GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS (SPECIAL PURPOSE) 2941 - ENGINE MUFFLER, EXHAUST AND TAIL PIPES												
X2 O 00093	6115-947-3380	EXHAUST TUBE 13214E1238 (97403)	EA	1										
X2 O 00094	6115-934-7878	TUBE, EXHAUST 13214E1389 (97403)	EA	1										
X2 O 00095	5340-940-7332	CLAMP ASSEMBLY 13212E3592-14 (97403)	EA	2										
O 00096	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	*	*	*	*		
O 00097	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4 x 20 x 1 lg	EA	2	*	*	*	*	*	*	*	*		
O 00098	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*	*	*	*	*		
00099		GROUP 40 - ELECTRIC MOTORS AND GENERATORS 4000 - GENERATOR ASSEMBLY												
00100		GENERATOR SET: Model 10KW60HZ MILG52280 (81349)	EA	2										
X2 FR 00101	6115-792-8260	NUT, SELF-LOCKING, HEXAGON: 5/8 x 11	EA	8	*	*	*	*	*	*	*	*		
O 00102	5305-724-5911	SCREW, CAP, HEXAGON HEAD: 5/8 x 11 x 1-3/4	EA	8	*	*	*	*	*	*	*	*		
O 00103	5310-823-8803	WASHER, FLAT: round head, 5/8 screw	EA	16	*	*	*	*	*	*	*	*		
00104		4018 - TERMINAL BLOCKS, JUNCTION BOXES												
X2 H 00106		GASKET, TERMINAL 13212E3583 (97403)	EA	1										
X2 H 00107		TERMINAL BOARD 13211E4775 (97403)	EA	1										
00108		GROUP 42 - ELECTRICAL EQUIPMENT 4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES												
X2 FR 00110	6110-913-9276	DISTRIBUTION BOX 13212E3577 (97403)	EA	1										
X2 H 00111		BOX 13212E3578 (97403)	EA	1									3-8	19
X2 O 00112		PLATE, INFORMATION WIRING, DIAGRAM 13212E3587 (97403)	EA	1				SEE	GRP	2210				
X2 H 00113	6150-01-160-5608	CABLE ASSEMBLY 13212E3584-1 (97403)	EA	1				SEE	GRP	4216			3-8	17
		CABLE POWER LUG TERMINAL LUG TERMINAL INSULATION SLEEVING INSULATING SLEEVING											3-8	17A
													3-8	17B
													3-8	17C
													3-8	17D
													3-8	17E
X2 H 00114	6115-01-088-3228	CABLE ASSEMBLY 13212E3585-1 (97403) SAME AS CABLE ASSY P/N 13212E3584-1	EA	1				SEE	GRP	4216			3-8	18

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 F 00115	5940-943-7740	CONNECTOR, TERMINAL, POST 13213E3949 (97403)	EA	4									3-8	22
X2 F 00116		COVER, DISTRIBUTION BOX 13212E3579 (97403)	EA	1									3-8	1
X2 H 00117		GASKET, TERMINAL BOARD 1321213583 (97403)	EA	1				SEE	GRP	4018			3-8	20
X2 H 00118		LEAD, ELECTRICAL 13212E3586 (97403)	EA	1									3-8	13
X2 H 00119		LEAD, ELECTRICAL 13212E3586-3 (97403)	EA	1									3-8	14
X2 H 00120		LEAD, ELECTRICAL 13212E3586-1 (97403)	EA	1									3-8	12
M F 00112		LEAD, ELECTRICAL 13212E3586-1 (97403)	EA	1									3-8	12
PF 00120A		Terminal, Lug Crimp, copper insulated, Class 1, Term Size 2, stud size 1/2 MS25036-128 (96906)	EA	1									3-8	12A
PF 00120B		Terminal, Lug Crimp, copper insulated, Class 1, Term Size 2, stud size 3/8 MS25036-127 (96906)	EA	1									3-8	12B
PE 00120C		WIRE, Electrical, 600 volt, Copper aircraft, 150 c, Type II, AN-2 per MIL-W-5086/2 MS5086/2-2-9 (96906)	EA	1									3-8	12C
X2 O 00121	6210-00-406-1398	LIGHT AND WIRE: 12 in. lg 13212E3581-1 (97403)	EA	1									3-8	2
PAOOO	6240-00-892-4420	LAMP GLOW MS25252-C7A (96906)	EA	1									3-8	2-A
X2 H 00122	6210-00-253-0688	LIGHT AND WIRE: 17 in. lg 13212E3581-2 (97403)	EA	1									3-8	8
PAOOO	6240-00-892-4420	LAMP GLOW MS25252-C7A (96906)	EA	1									3-8	8A
X2 H 00123	5310-225-6993	NUT, PLAIN, HEXAGON, BRASS: 3/8-24 MS20341-61a (96906)	EA	9									3-8	29
X2 F 00124		NUT, PLAIN, HEXAGON, JAM MS16203-41 (96906)	EA	8									3-8	26
O 000125		NUT, SELF-LOCKING, HEXAGON: 1/2-13	EA	4	*	*	*	*	*	*	*	*	3-8	10
H 00126		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	6				*	*	*	*	*	3-8	28
X2 O 00127		PACKING, PREFORMED "O" RING MS28775-015 (96906)	EA	4									3-8	4
X2 O 00128		PACKING, PREFORMED "O" RING MS28775-115 (96906)	EA	1									3-8	32
X2 O 00129		PACKING, PREFORMED "O" RING MS28775-142 (96906)	EA	2									3-8	15
O 00130		SCREW, CAPsocket head, 1/2-13 unc- 3A X 3 lg	EA	4	*	*	*	*	*	*	*	*	3-8	3
H 00131		SCREW, MACHINE, PAN HEAD: 1/4-20 unc- 2A x 1 lg	EA	6				*	*	*	*	*	3-8	23
H 00132		SCREW, MACHINE, PAN HEAD: 3/8-24 x 3/4 lg	EA	9				*	*	*	*	*	3-8	11
X2 H 00133	5310-809-4058	STUFFING TUBE 13212E5149-10 (97403)	EA	2									3-8	16
X2 F 00134		SWITCH. ROTORAY: 200 amp 13205E5024 (97403)	EA	1									3-8	31
PA O 00135		KNOB 06000-1 (82121)	EA	1									3-8	33
PA O 00136		SCREW, MACHINE PAN HAND MS35206-263 (96906)	EA	1									3-8	34
X2 H 00137		TERMINAL BOARD 13211E4775 (97403)	EA	1				SEE	GRP	4018			3-8	21
H 00138		WASHER, FLAT: round, steel, 1/4 screw size	EA	12				*	*	*	*	*	3-8	24
X2 F 00139		WASHER, FLAT: round brass, 1/2 in. AN961-816T (88044)	EA	8									3-8	27

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
						ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
00138 O	5310-809-5998	WASHER, FLAT: round, 1/2 in screw		EA	8	*	*	*	*	*	*	*	*	3-8	9
00139 F	5310-042-4229	WASHER, LOCK, FLAT: 1/2 in size		EA	4	*	*	*	*	*	*	*	*	3-8	25
00140 H	5310-913-9776	WASHER, LOCK, FLAT: external tooth, 3/8		EA	9				*	*	*	*	*	3-8	30
00141 O	5310-225-6993	NUT, SELF-LOCKING, HEXAGON: 1/2-13		EA	4	*	*	*	*	*	*	*	*		
00142 O	5305-044-4153	SCREW, CAP, HEXAGON HEAD: 1/2-13 x 1 lg		EA	4	*	*	*	*	*	*	*	*		
X2 00143 F		TERMINAL LUG: 22-18 3/8, stud MS25036-105 (96906)		EA	4										
00144 O	5310-809-3079	WASHER, FLAT, ROUND, BOX MOUNTING: 1/2 screw size		EA	8	*	*	*	*	*	*	*	*		
00145		4216 - MISCELLANEOUS WIRING AND FITTINGS													
X2 00146 H	6115-01-160-5608	CABLE ASSEMBLY 13212E3584-1 (97403)		EA	1										
PAFFF	5940-6-113-8191	LUG, TERMINAL: MS25306-127 (96906)		EA	3										
PAFFF	5970-00-810-6003	INSULATION SLEEVING: MS23053/5-114-9 (81349)		FT	V										
PAFFF	6145-00-504-0218	CABLE, POWER: C004HOE4-2 (81349)		F	V										
X2 00147 H	6115-01-088-3228	CABLE ASSEMBLY 13212E3585-1 (97403)		EA	1										
PAFFF	5940-00-113-9831	Same as Cable Assy. P/N 13212E3584-1 LUG TERMINAL: MS-25036-128 (96906)		EA	1										
PAFFF	5970-822-2775	INSULATION SLEEVING: MS2305315-110-9		FT	V										
X2 00148 O		CLAMP, CABLE, DOUBLE 13212E3591-5 (97403)		EA	2										
X2 00149 O		CLAMP, CUSHIONED, SUPPORT LOOP: 1/8 MS21334-2 (96906)		EA	2										
00150 O	3310-918-6921	NUT, PLAIN, HEXAGON: jam, 3/8-16		EA	1	*	*	*	*	*	*	*	*		
X2 00151 O		NUT, PLAIN, HEXAGON: machine sew, 10-24 MS35649-202 (96906)		EA	2										
00152 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20		EA	4	*	*	*	*	*	*	*	*		
00153 O	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1-1/4		EA	4	*	*	*	*	*	*	*	*		
X2 00154 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 3/4 lg MS35309-58 (96906)		EA	1										
00155 O	5305-984-6211	SCREW, MACHINE, PAN HEAD: 10-24 x 5/8 lg		EA	2	*	*	*	*	*	*	*	*		
F 00156	5940-688-6010	TERMINAL, LUG: NO. 6-3/8 stud		EA	4	*	*	*	*	*	*	*	*		
00157 O	5310-809-4058	WASHER, FLAT: round, 1/4 thd size		EA	8	*	*	*	*	*	*	*	*		
00158 O	5310-809-8546	WASHER, FLAT: round, No. 10 screw size		EA	4	*	*	*	*	*	*	*	*		
00159 O	5310-913-9776	WASHER, LOCK: external tooth, flat, 3/8		EA	1	*	*	*	*	*	*	*	*		
00160 O	5310-045-3296	WASHER, LOCK: spring, helical, No. 10		EA	2	*	*	*	*	*	*	*	*		

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  USABLE  ON CODE  REF NUMBER & MFR CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION		
					ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100					
M O 00161	6145-299-6188	WIRE, ELECTRICAL: No. 6, copper, uninsulated QQW343TYPERBCLASS1 (81348)	FT												
P O 00162		MANUFACTURE FROM: WIRE, ELECTRICAL: copper, uninsulated No. 6 (As required) QQW343TYPERBCLASS1 (81348)	FT					SEE	GRP	9501					
00163		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS 7638 - PORTABLE FIRE FIGHTING EQUIPMENT													
00164															
P C 00165	5210-555-8837		EXTINGUISHER, FIRE, W/BACKET MILE52031 (81349)	EA	2	*	*	2	*	*	2	10	10		
00166	4310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	8	*	*	*	*	*	*	*	*	*		
X2 O 00167	5310-809-8546	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 5/8 lg MS90725-6 (96906)	EA	8											
O 00168		WASHER. FLAT: round, 1/4 screw size	EA	16	*	*	*	*	*	*	*	*	*		
00169		GROUP 95 - GENERAL USE STANDARDIZED PARTS 9501 - HARDWARE SUPPLIES AND BULK MATERIAL COMMON													
00170															
X2 F 00171	2540-914-2558	ROPE: sisal, 3/8 13212E3598-11 (97403)	FT												
P F 00172		STRAP, WEBBING: 1-16 x 34 IN. 13212E3598-1-2-3 (97403)	FT	*	*	*	*	*	*	*	*	35	35		
P O 00173	5340-922-5653	WEBBING, STRAP 1403 (06716)	FT	*	*	*	*	*	*	*	*	8	8		
P O 00174	6145-299-6188	WIRE, ELECTRICAL: No. 6, copper, uninsulated QQW343TYPERBCLASS1 (81348)	FT	*	*	*	*	*	*	*	*	*	*		

## LEGEND TO PARTS, FIGURE 3-8

ITEM NO.	FUNCT GROUP	ITEM NAME	ITEM NO.	FUNCT GROUP	ITEM NAME
1	4206	COVER	25	4206	WASHER
2	4206	LIGHT-WIRE	26	4206	NUT
2A	4206	BULB	27	4206	WASHER
3	4206	SCREW	28	4206	NUT
4	4206	PACKING	29	4206	NUT
5	2210	SCREW	30	4206	WASHER
6	2210	WASHER	31	4206	SWITCH
7	2210	WASHER	32	4206	PACKING
8	4206	LIGHT-WIRE	33	4206	KNOB
8A	4206	BULB	34	4206	SCREW, MACHINE, PAN HAND
9	4206	WASHER			
10	4206	NUT			
11	4206	SCREW			
12	4206	LEAD			
12A	4206	TERMINAL			
12B	4206	TERMINAL			
12C	4206	WIRE			
13	4206	LEAD			
14	4206	LEAD			
15	4206	PACKING			
16	4206	STUFFING			
17	4206	CABLE AY			
17A	4206	CABLE POWER			
17B	4206	LUG TERMINAL			
17C	4206	LUG TERMINAL			
17D	4206	INSULATION			
		SLEEVING			
17E	4206	INSULATION			
		SLEEVING			
18	4206	CABLE AY			
19	4206	BOX			
20	4206	GASKET			
21	4206	TERMINAL BOARD			
22	4206	CONNECTOR			
23	4206	SCREW			
24	4206	WASHER			

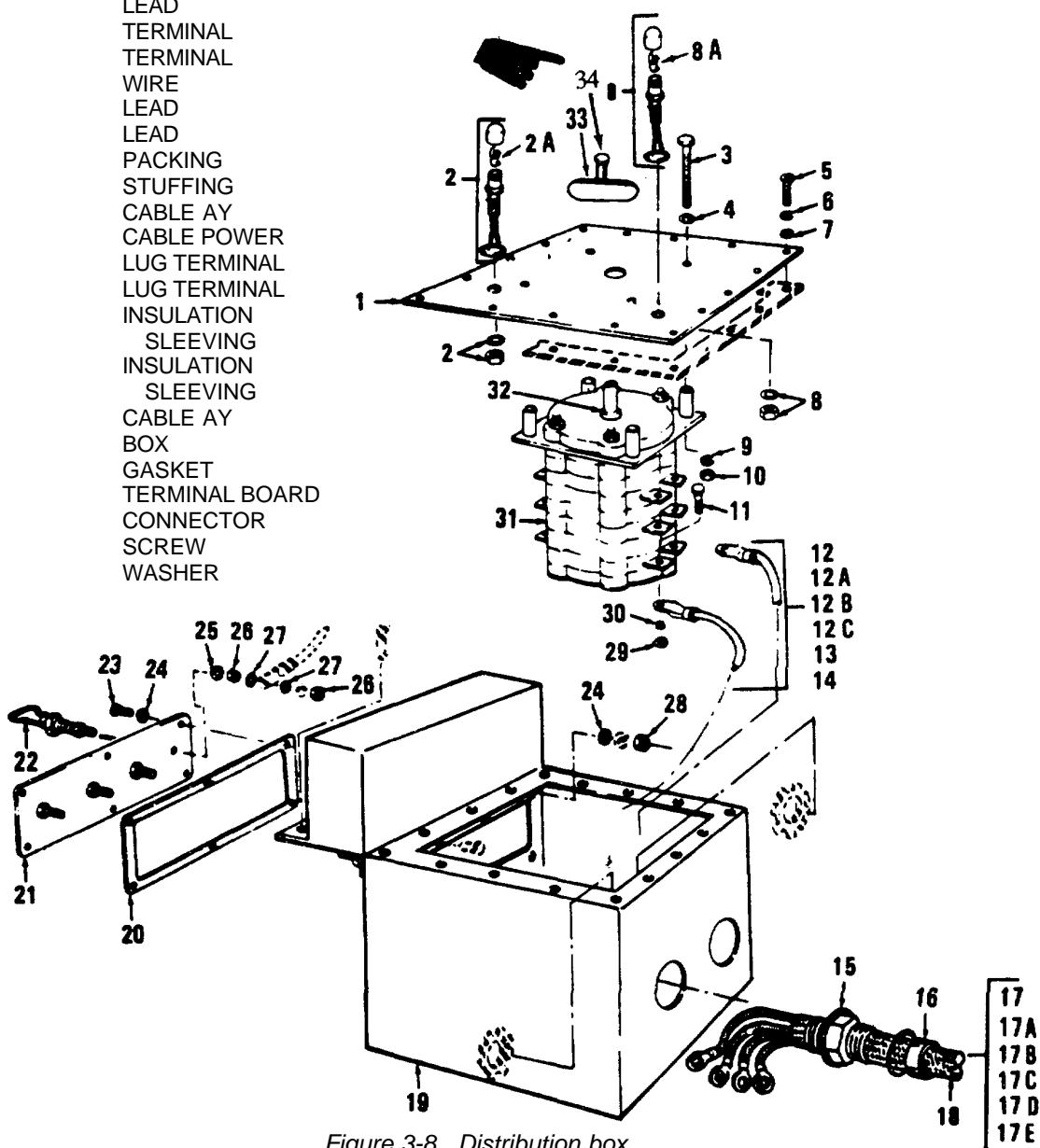


Figure 3-8. Distribution box.

## CHAPTER 4

### GENERATOR SET PU-618/M AND PU-620/M

#### Section I. DESCRIPTION AND DATA

##### 4-1. Description

*a. General.* The trailer mounted generator sets, PU-618/M and PU-620/M, consist of two 5 kW, Model SF 5.0 Military Design generator sets mounted on a modified 1-1/2 ton, 2-wheel cargo trailer, Model 103A3 (PU-618/M), or modified 3/4 ton, 2-wheel cargo trailer, Model M 116A 1 (PU-620/M), (refer to figures 4-1 and 4-2).

*b. Generators.* Each generator is powered by a directly coupled, 2 cylinder, 10 hp, Military Standard Model 2A042 engine. For description and generator operation and maintenance, refer to TM 5-6115-332-14. A power transfer switch is provided for connecting the generators to a common load. Table 4-1 lists the components of the PU-618/M and PU-6201M generator sets.

*c. Engines.* For description and engine maintenance information not covered in this chapter, refer to TM 5-2805-258-14.

*d. Trailers.* For description and maintenance of the trailer for PU-618/M, refer to TM 9-2330-213-14. For PU-620/M trailer, refer to TM 9-2330-202-14.

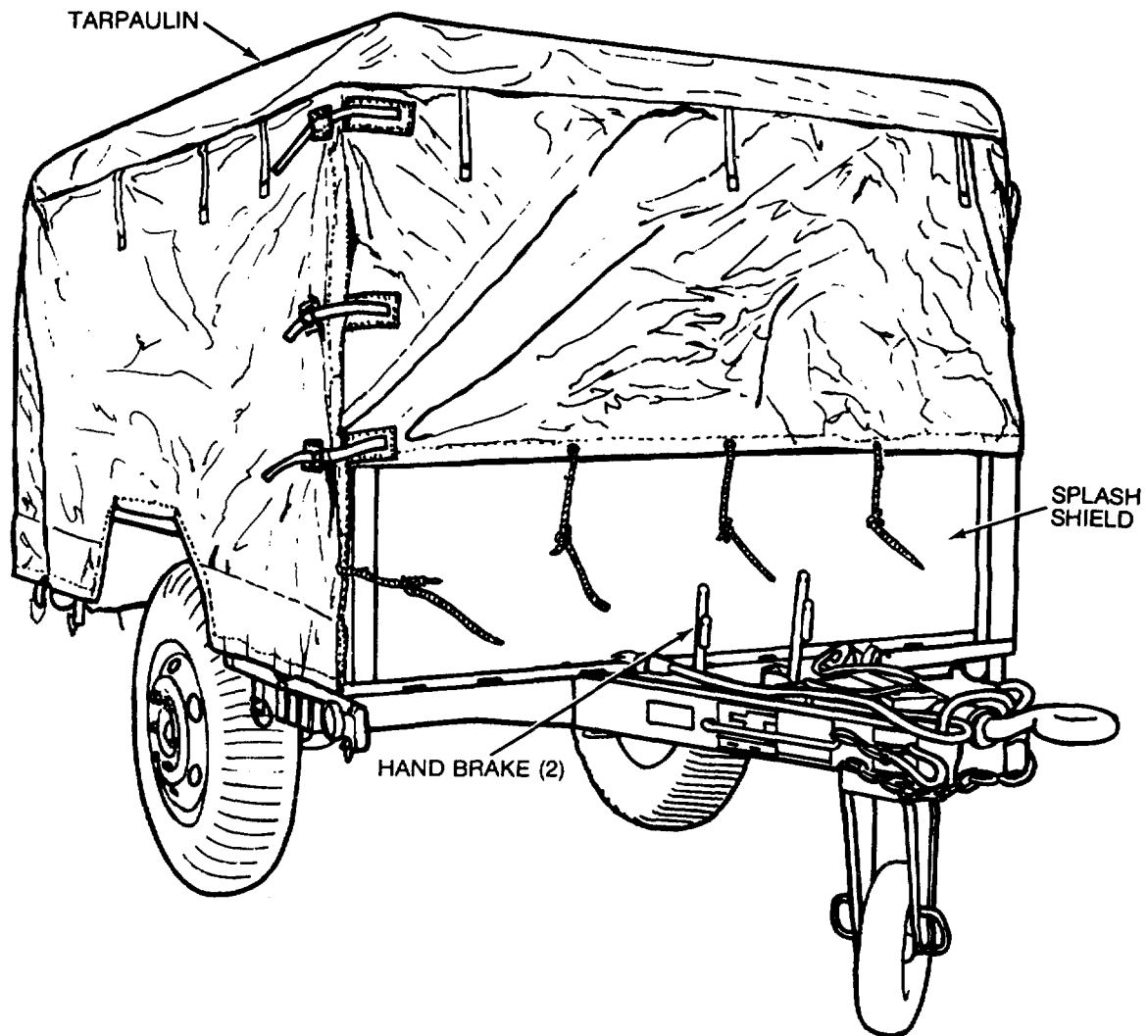
*e. Lubrication.* For lubrication instructions refer to TM 5-6115-332-14. For lubrication instructions for the engines refer to TM 5-2805-258-14 and LO 52805-258-12. The trailer lubrication information is contained in LO 9-2330-21312 (PU-618/M) and LO 9-2330-202-12 (PU-620/M).

##### 4-2. Tabulated Data

Table 4-1 lists components for PU-618/M and PU-620/M generator sets.

*Table 4-1. PU-618-M and PU-620/M components.*

FSN	QTY	Nomenclature
2330-141-8052	1	Trailer; M103A3 (PU-618/M)
2330-898-6780	1	Trailer; M116A1 (PU-620/M)
2590-420-8929	1	Leg prop assembly, trailer
6115-017-8240 or	2	Generator; 5 kW, Model SF 5.0 MD
6115-074-8330	2	Generator; 5 kW, MEP-017A
2910-066-1235	4	Adapter assembly, fuel drum
7240-222-3088	6	Can, gasoline; military, 5-gallon
4210-00-555-8837	2	Fire Extinguisher
5975-878-3791	2	Ground rod w/attachments
5120-215-4489	1	Sledge hammer
2540-00-926-0993	1	Tarpaulin

**NOTE**

ROLL UP TARPAULIN AND REMOVE 2 BOLTS AND 2 NUTS FROM TOP OF SPLASH SHIELD. REMOVE SPLASH SHIELD BEFORE OPERATING EQUIPMENT.

**SHIPPING DIMENSIONS**

LENGTH	175 INCHES
WIDTH	83 INCHES
HEIGHT	66 INCHES
WEIGHT	4,360 POUNDS

Figure 4-1. PU-618/M, right front, 3/4 view.



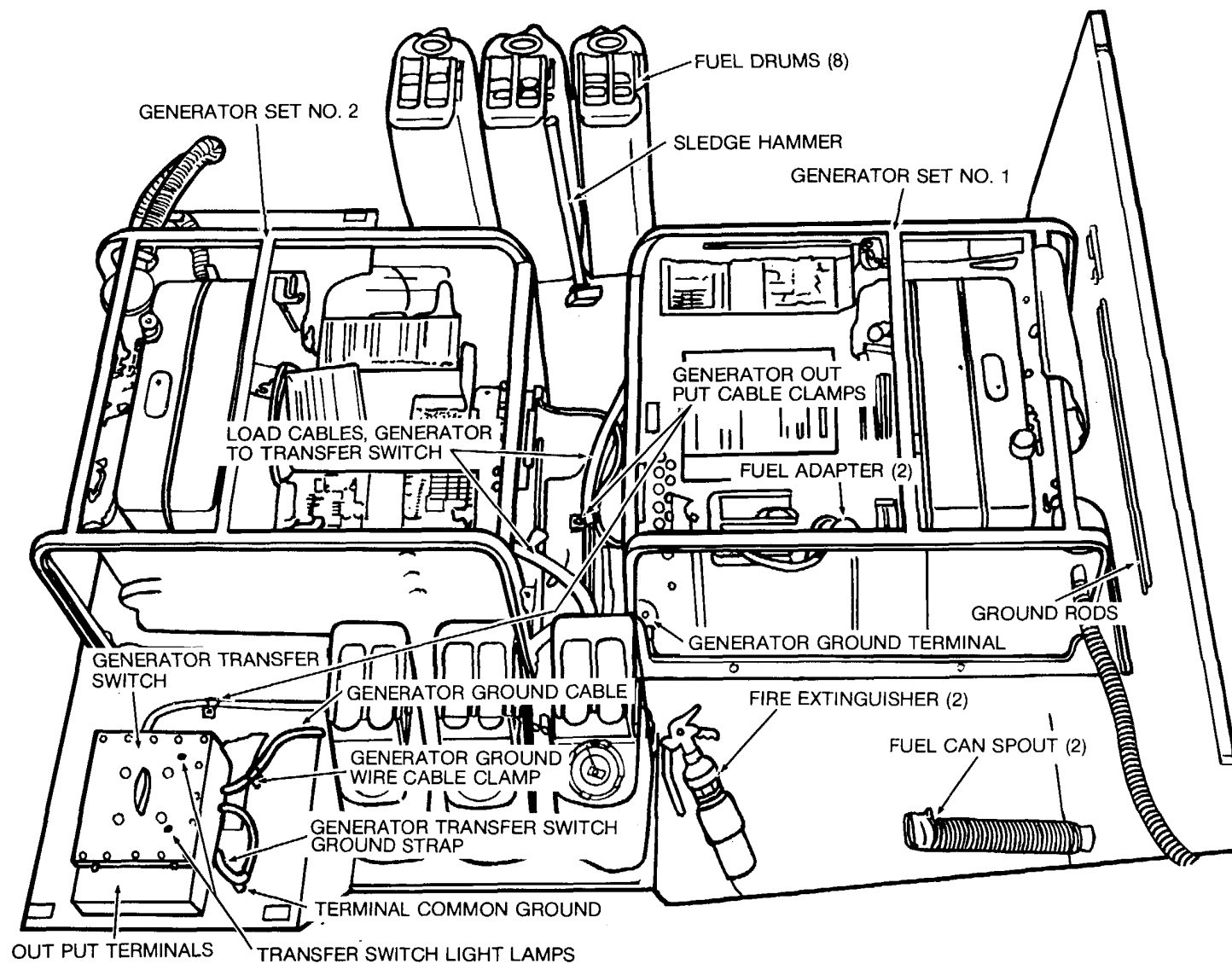


Figure 4-2. PU-620/M, top view, tarpaulin removed.

## Section II. OPERATING INSTRUCTIONS

### 4-3. Setting-Up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator sets to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate the handbrake at weekly intervals to assure freedom of linkage.

(3) Pull the leg support down and adjust length for firm contact with ground.

#### **Warning**

**Wheels must be blocked, brakes set, and leg prop down in support position before attempting to roll up the tarpaulin and before starting to setup or assemble the equipment for operation.**

#### b. Preparation for Starting.

(1) Roll up tarpaulin and remove splash shield as shown in figure 4-1.

#### **Caution**

**It is of foremost importance that there be free circulation of air around the generator sets at all times during operation. Inadequate ventilation is a major cause of damage to the equipment.**

(2) Remove all loose auxiliary items and anything else that might block the free circulation of air through the trailer and around the generator sets.

#### **Caution**

**Before starting either generator set, check that the output selector switches located in the control boxes of both generator sets, are positioned to the same generator output setting (i.e., the same selector switch setting) denoting voltage, phase, and number of wires. Failure to check the selector switch setting could result in damage to the connected equipment.**

(3) Be sure transfer switch load cables are connected to the generator sets as illustrated in figure 4-3.

#### c. Grounding.

#### **Warning**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an underground system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain.

(a) The ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq ft) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground stud as shown in figure 4-4.

(4) Be sure that both generators are connected to the generator set ground stud as shown in figure 4-4.

d. *Fuel Hose Connection.* Connect the fuel hoses as illustrated in figure 4-5.

#### **Warning**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

### 4-4. Starting

a. Perform setting-up and pre-starting procedures (para 4-3).

b. Be sure generator transfer switch is OFF (Fig. 4-3).

c. Start the generator set as instructed in TM 5-6115-332-12.

### 4-5. Stopping

a. Turn generator transfer switch OFF or in position to select standby generator (Fig. 4-3).

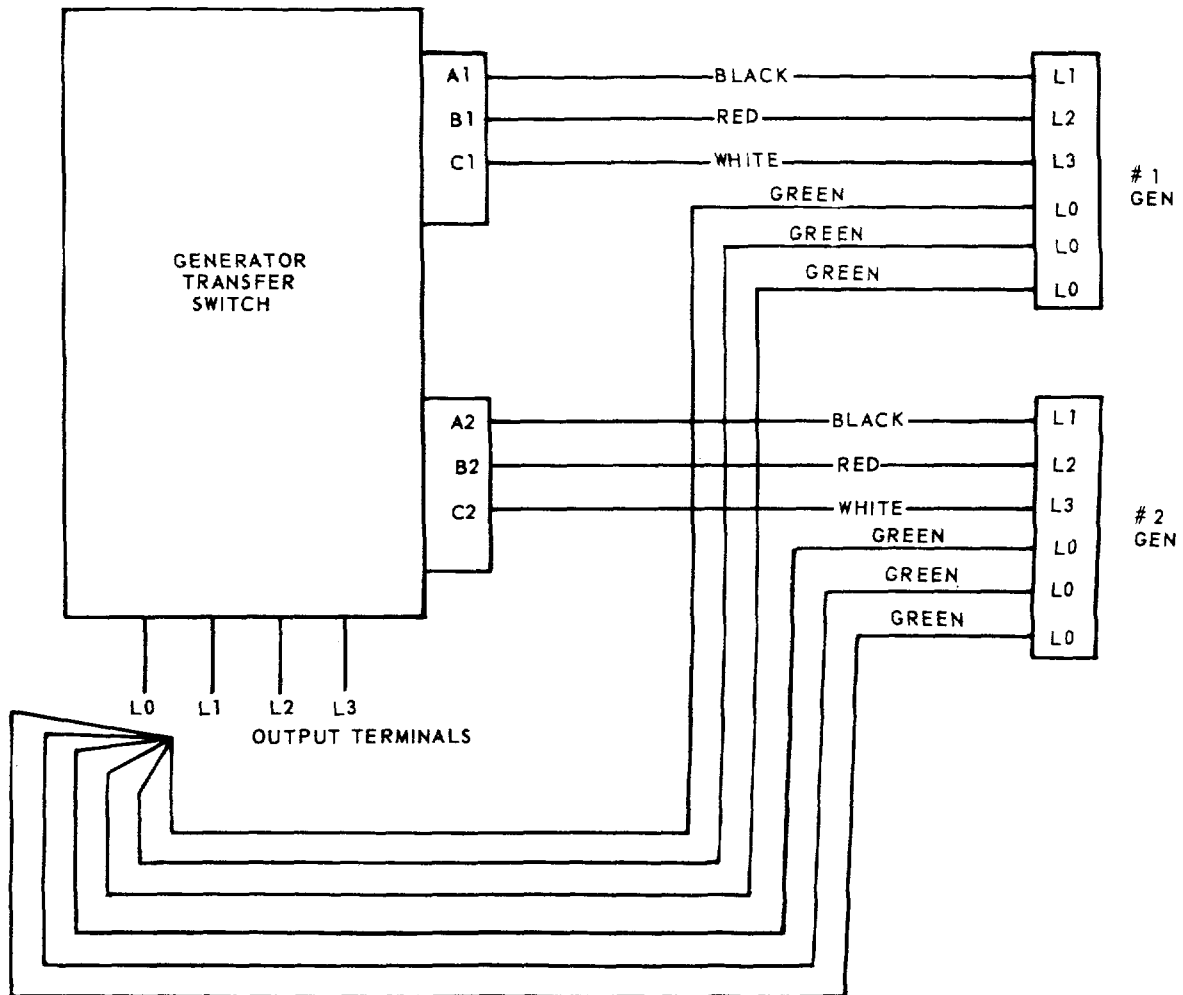
b. Stop the generator set as instructed in TM 5-6115-332-12.

### 4-6. Operation

a. Start the generator (para 4-4) and position transfer switch to desired generator.

b. Operate the generator as instructed in TM 5-6115-332-12.

c. Perform the fuel transfer procedure as instructed in figure 4-5.



MEC 6115-365-15/4-3

Figure 4-3. Interconnection diagram, transfer switch-to-generators.

**CAUTION**  
KEEP TARPAULIN ROLLED UP DURING OPERATION AND BE CERTAIN TO MAINTAIN THE MAXIMUM AMOUNT OF SPACE AROUND THE GENERATORS SO AIR CIRCULATES FREELY AT ALL TIMES.

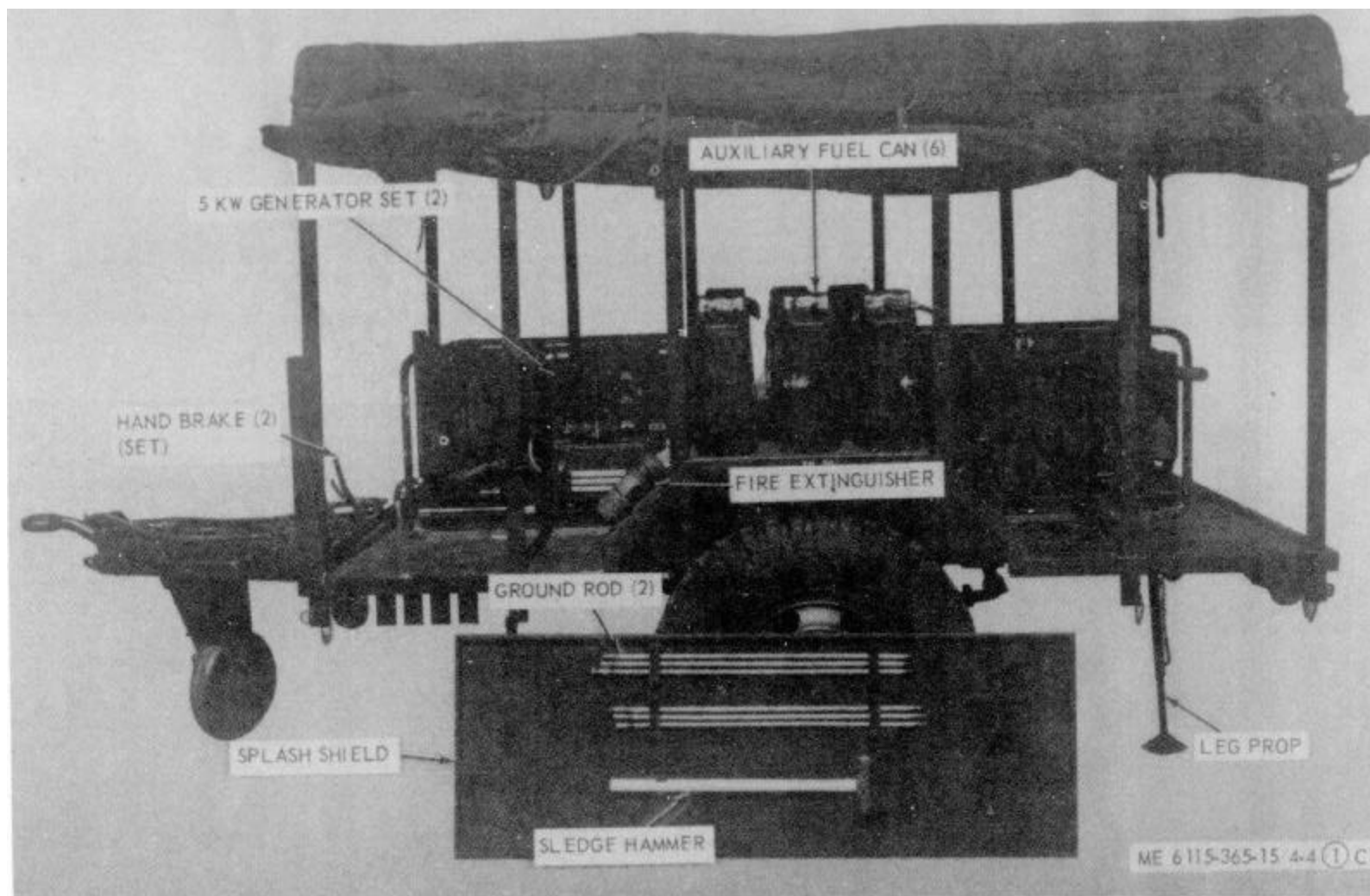


Figure 4-4. PU-618M set up for operation.

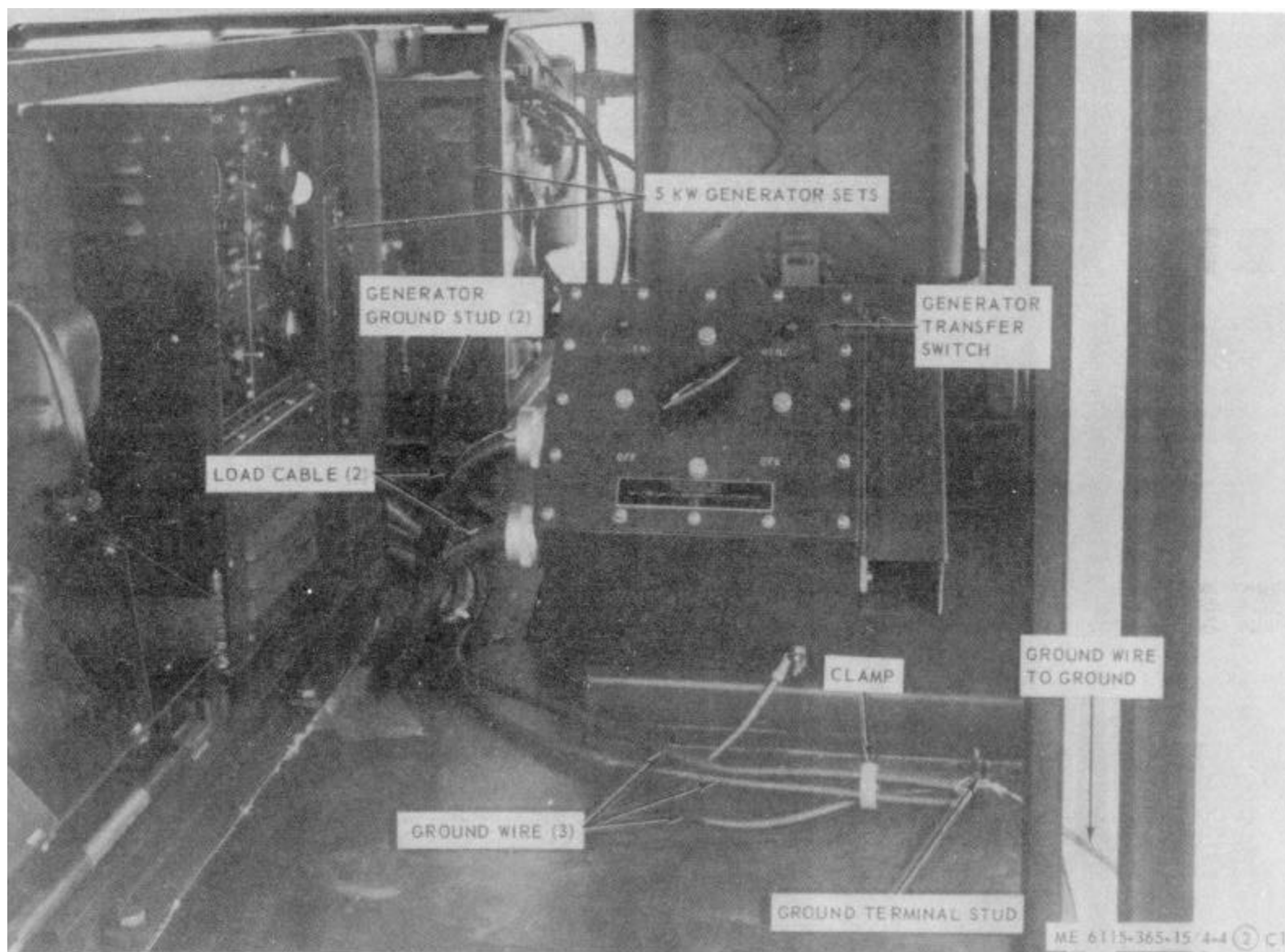
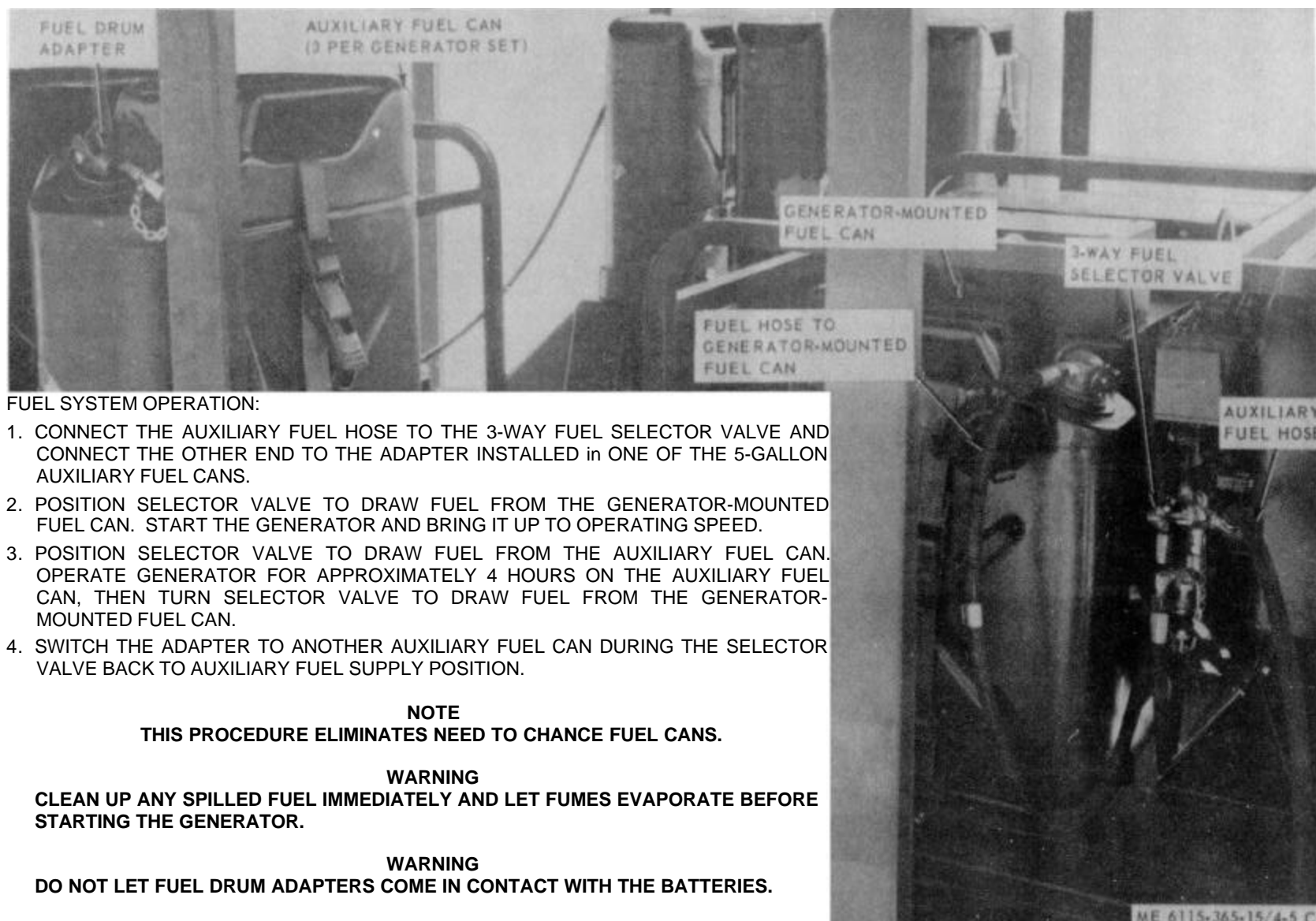


Figure 4-4. Continued.



**FUEL SYSTEM OPERATION:**

1. CONNECT THE AUXILIARY FUEL HOSE TO THE 3-WAY FUEL SELECTOR VALVE AND CONNECT THE OTHER END TO THE ADAPTER INSTALLED IN ONE OF THE 5-GALLON AUXILIARY FUEL CANS.
2. POSITION SELECTOR VALVE TO DRAW FUEL FROM THE GENERATOR-MOUNTED FUEL CAN. START THE GENERATOR AND BRING IT UP TO OPERATING SPEED.
3. POSITION SELECTOR VALVE TO DRAW FUEL FROM THE AUXILIARY FUEL CAN. OPERATE GENERATOR FOR APPROXIMATELY 4 HOURS ON THE AUXILIARY FUEL CAN, THEN TURN SELECTOR VALVE TO DRAW FUEL FROM THE GENERATOR-MOUNTED FUEL CAN.
4. SWITCH THE ADAPTER TO ANOTHER AUXILIARY FUEL CAN DURING THE SELECTOR VALVE BACK TO AUXILIARY FUEL SUPPLY POSITION.

**NOTE**

**THIS PROCEDURE ELIMINATES NEED TO CHANGE FUEL CANS.**

**WARNING**

**CLEAN UP ANY SPILLED FUEL IMMEDIATELY AND LET FUMES EVAPORATE BEFORE STARTING THE GENERATOR.**

**WARNING**

**DO NOT LET FUEL DRUM ADAPTERS COME IN CONTACT WITH THE BATTERIES.**

*Figure 4-5. Fuel system connection and transfer procedure.*

### Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS

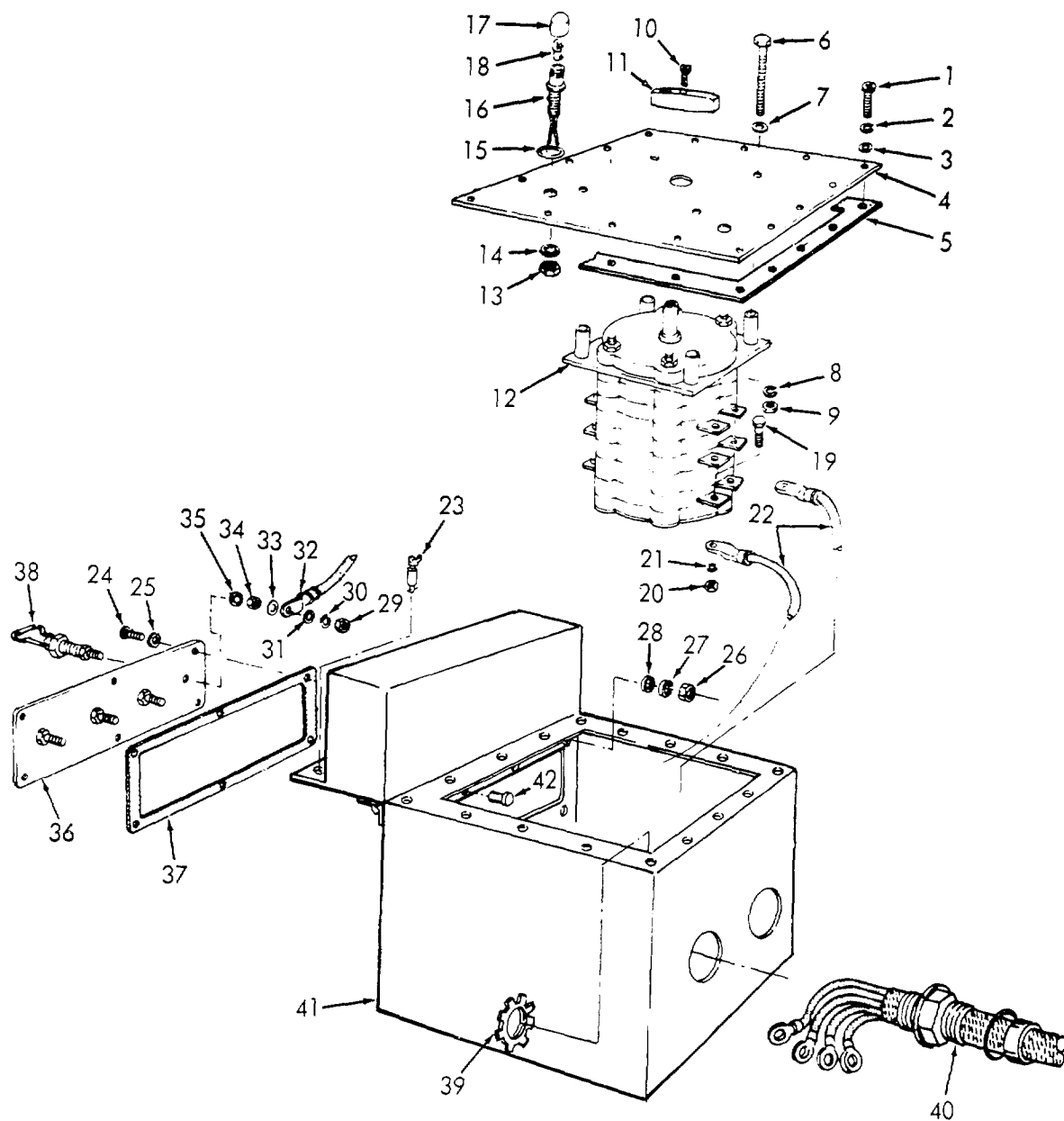
#### 4-7. Transfer Switch Indicating Lamps

*a. Removal.* Remove lens and remove indicator lamp as illustrated in figure 4-6.

*b. Installation.* Install the indicator lamp and lens as illustrated in figure 4-6.

#### 4-8. Field Expedient Repairs

Trouble	Probable cause	Remedy
Power transfer switch will not supply power to load.	Switch on terminal board defective.	Disconnect generator from transfer cables and connect load cables directly to the individual terminal boards of the generator sets.



ME 6515-365-15/4-6 C1

- |              |                            |                    |
|--------------|----------------------------|--------------------|
| 1 Screw      | 9 Hexnut                   | 17 Lens            |
| 2 Lockwasher | 10 Screw                   | 18 Lamp            |
| 3 Flatwasher | 11 Knob                    | 19 Screw           |
| 4 Cover      | 12 Transfer switch         | 20 Hexnut          |
| 5 Gasket     | 13 Hexnut                  | 21 Lockwasher      |
| 6 Screw      | 14 Lockwasher              | 22 Electrical lead |
| 7 Flatwasher | 15 Preformed packing       | 23 Fastener        |
| 8 Lockwasher | 16 Light and wire assembly | 24 Screw           |

Figure 4-6. Transfer switch, removal, disassembly, reassembly, and installation.



25 Flatwasher	31 Flatwasher	37 Gasket
26 Hexnut	32 Electrical lead	38 Terminal lug
27 Lockwasher	33 Flatwasher	39 Locknut
28 Flatwasher	34 Hexnut	40 Stuffing tube assembly
29 Hexnut	35 Lockwasher	41 Transfer switch box
30 Lockwasher	33 Terminal board	42 Rivet

Figure 4-6-Continued.

## Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

### 4-9. Transfer Switch Indicating Lights

*a. Removal.* Remove the indicating lights as illustrated in figure 4-6.

*b. Installation.* Install the indicating lights as illustrated in figure 4-6.

### 4-10. Ground Wires, and Terminal Stud

*a. Removal.* Remove the ground wires from the ground terminal stud and generator sets as shown in figure 4-4. Remove the terminal stud.

*b. Installation.* Install the ground wires, and terminal stud as shown in figure 4-4.

### 4-11. Tarpaulin, Roof Bows, and Leg Prop

*a. Removal.*

(1) Remove the tarpaulin from the unit.

(2) Pull out the chain-secured pins that secure the roof bows to the trailer bed and remove the bows.

(3) Remove the hardware that secures the leg prop to the rear underside of the trailer bed and remove the leg prop.

*b. Cleaning and Inspection.*

(1) Clean tarpaulin and roof bows with water and detergent. Clean leg prop with approved cleaning solvent. Dry thoroughly.

(2) Inspect tarpaulin for tears, holes, broken or missing ropes or straps and other defects. Inspect bows and leg prop for cracks, bends, and any other defects.

*c. Installation.*

(1) Mount the leg prop to the underside of the trailer bed and secure with mounting hardware.

(2) Install the roof bows in the trailer bed and secure with pins. Install the tarpaulin and secure in the desired position.

## Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

### 4-12. Generator Transfer Switch

*a. Removal and Disassembly.*

(1) Tag and disconnect leads from the output terminals to load.

(2) Remove and disassemble the transfer switch as illustrated in figure 4-6.

*b. Reassembly and Installation.*

(1) Reassemble and install the transfer switch as illustrated in figure 4-6.

(2) Connect load connections. (Refer to figure 4-7).

### 4-13. Generator Sets

*a. Removal.* Use figure 4-8 as a guide and perform the following steps:

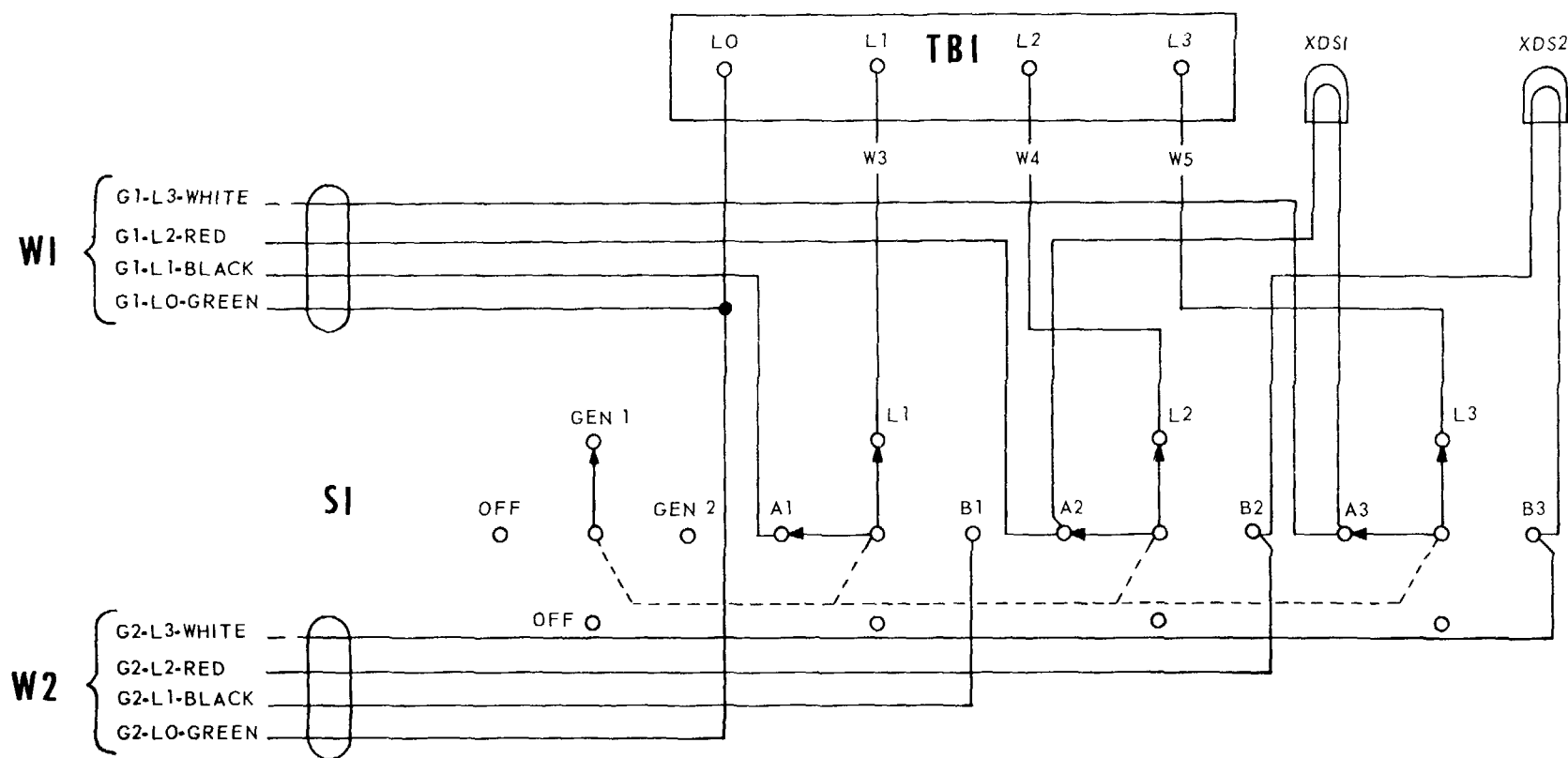
- (1) Disconnect fuel lines.
- (2) Disconnect electrical leads and cables.
- (3) Disconnect oil drain adapters.
- (4) Remove 2 bolts and 2 nuts that secure the front muffler pipe to the trailer and remove pipe.

(5) Remove the 8 bolts (4 to each set) that secure the generator sets to the trailer and remove the generator sets.

*b. Installation.* Using figure 4-8 as a guide, perform the following steps:

(1) Secure the two generator sets to the trailer bed with 8 bolts.

(2) Secure front muffler pipe to trailer bed with 2 bolts and 2 screws.



ME 6115-365-15/2-6 C1

Figure 4-7. Transfer switch wiring diagram.

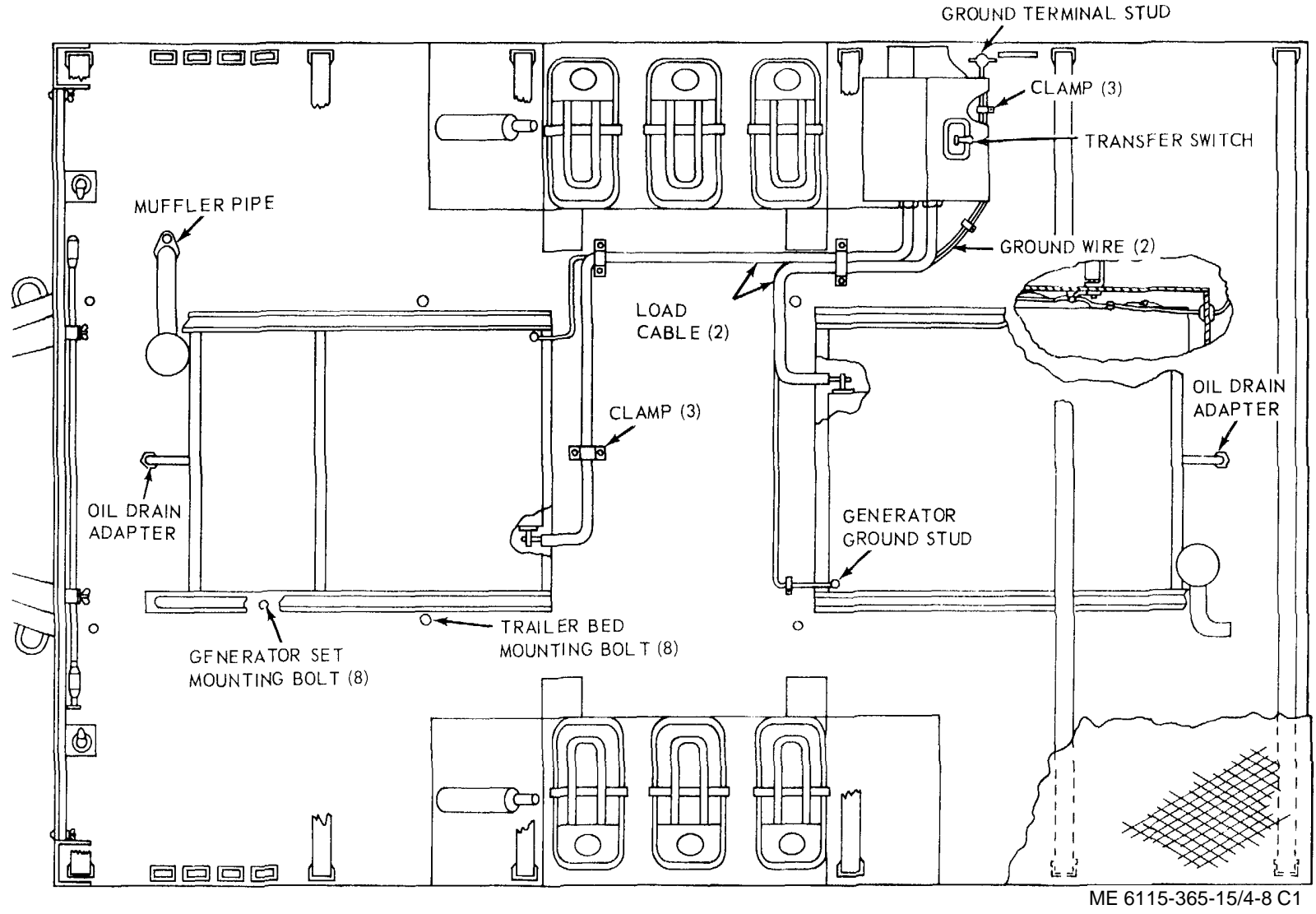


Figure 4-8. PU-618M overall component location diagram.

#### 4-14. Tarpaulin, Roof Bows, and Leg Prop

a. *Removal.* Remove the tarpaulin, roof bows, and leg prop (para 4-11).

b. *Repair.*

(1) Patch or sew rips and tears in the tarpaulin. Replace damaged or missing straps and ropes. Replace a tarpaulin that is too badly damaged to be repaired.

(2) Weld minor cracks and breaks in the roof bows and leg prop. Straighten bows where possible. Replace defective or missing hardware. Replace bows or leg prop that are damaged beyond repair.

c. *Installation.* Install the tarpaulin, roof bows, and leg prop (para 4-11).

#### 4-15. Trailer Bed

a. *Removal.*

(1) Remove the tarpaulin, roof bows and leg prop (para 4-11).

(2) Remove the transfer switch from the trailer (para 4-12).

(3) Remove the generator sets (para 4-13).

(4) Loosen straps and remove the auxiliary fuel cans from trailer.

(5) Remove 8 bolts from the top surface of the trailer bed and 12 bolts from the underside that secure the trailer bed gussets to the trailer.

(6) Disconnect electrical leads from the trailer lights.

(7) Remove the trailer bed from the trailer.

b. *Cleaning, Inspection, and Repair.*

(1) Clean trailer bed with approved cleaning solvent and dry thoroughly.

(2) Inspect for broken welds, bends, and dents, and any damage that prevents proper assembly of the unit. Weld cracks and breaks and straighten dents or bends where possible. Replace a trailer bed that is damaged beyond repair.

c. *Installation.*

(1) Install trailer bed on the trailer and secure with 12 bolts on the underside and 8 bolts on the top. Connect wiring to trailer lights.

(2) Install the generator sets (para 4-13).

(3) Install the transfer switch (para 4-12).

(4) Install fuel cans and secure with straps.

(5) Install leg prop, bows, and tarpaulin (para 4-11).

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
		PART I								
		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
		GROUP 01 - ENGINE								
00001										
00002		0106 - ENGINE LUBRICATION SYSTEM								
X2 O	4720-913-6422	HOSE, OIL DRAIN	EA	2						
00003		13211E4918 (97403)								
O	4730-766-7908	NIPPLE, UNION: OIL DRAIN	EA	2	*	*	*	*		
00004										
O	5310-282-7822	NUT, UNION: oil drain hose	EA	2	*	*	*	*		
00005										
X2 O		REDUCER, BUSHING: 3/4-14 X 1/2-14	EA	2						
00006		SAEJ530 (81343,								
O	5310-754-2005	WASHER, LOCK: oil drain hose	EA	2	*	*	*	*		
00007										
00008		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS								
		1501 - FRAME ASSEMBLY								
00009										
X2 O	2590-473-6331	BRACKET ASSEMBLY: liquid count, 5 gallon	EA	6						
00010		MS53052-1 (96906)								
X2 O		BRACKET	EA	6						
00011		13214E1204 (97403)								
X2 O	5340-999-4286	BUCKLE	EA	12						
00012		MS51940-7 (96906)								
X2 O		FASTENER	EA	6						
00013		13214E1205 (97403)								
X2 O		HOOK, DRIP RAIL	EA	6						
00014		13212E1316 (97403)								
M O		STRAP: bottom, 18 in. lg, nylon webb	EA	6						
000151		13214E1203-3 (97403)								
P O	5340-922-5653	MANUFACTURE FROM:	FT							
00016		WEBBING NYLON				SEE	GRP	9501		
M O		MILW530TYPE2CLASSA (81349)								
00017		STRAP: top, 30 in. lg, nylon webb	EA	6						
		13214F1203-2 (97403)								
P O	5340-922-5653	MANUFACTURE FROM:	FT							
00018		WEBBING, NYLON				SEE	GRP	9501		
X2 O	5340-999-6277	1403 (06716)								
00019		BRACKET ASSEMBLY: sledge hammer	EA	1						
X2 O		13214E1214 (97403)								
00020		CLAMP CABLE: double	EA	1						
X2 O		13212E3591-2 (97403)								
00021		CLAMP CABLE: single	EA	2						
X2 O	5340-526-2559	1321E3612 (97403)								
00022		CLAMP, CUSHIONED SUPPORT: loop type	EA	1						
X2 O	2590-932-7298	MS21333-2 (96906)								
00023		CLAMP, GROUND ROD	EA	4						
X2 O	5340-914-2578	13212E3617-1 (97403)								
00024		CLIP, SPRING	EA	1						
X2 O	7240-920-5327	13214E1213-1 (97403)								
00025		HOLDER, FUEL ADAPTER	EA	2						
O	5310-934-9758	13212E3553-1 (97403)								
00026		NUT, PLAIN, HEXAGON: No. 10-24	EA	1	*	*	*	*		
O	5310-088-1251									
00027		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	8	*	*	*	*		
O	5310-088-1251									
00028		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20, size	EA	4	*	*	*	*		
00029										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	1	*	*	*	*		
00030										
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*		
00031										
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16, screw	EA	24	*	*	*	*		
00032										
O	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18	EA	4	*	*	*	*		
00033										
O	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1-1/4	EA	2	*	*	*	*		
00034										
O	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1-1/4	EA	4	*	*	*	*		
00035										
O	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg	EA	1	*	*	*	*		
00036										
O	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg	EA	2	*	*	*	*		
00037										
O	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1-1/4	EA	24	*	*	*	*		
00038										
O	5306-225-8499	SCREW, CAP, HEXAGON HEAD: 5/16-18 X 1, lg	EA	4	*	*	*	*		
00039										
O	5305-958-5247	SCREW, MACHINE: flat head, 1/4-20 X 1, lg	EA	8	*	*	*	*		
00040										
O	5305-984-6212	SCREW, MACHINE: pan head, 10-24 X 3/4, lg	EA	1	*	*	*	*		
00041										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*		
00042										
O	5310-809-8546	WASHER, FLAT: round, No. 10 screw size	EA	2	*	*	*	*		
00043										
O	5310-409-4058	WASHER, FLAT: round, 1/4 screw size	EA	8	*	*	*	*		
00044										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	8	*	*	*	*		
00045										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*		
00046										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	1	*	*	*	*		
00047										
O	5310-809-4061	WASHER, FAT: round, 3/8 screw size	EA	48	*	*	*	*		
00048										
O	5310-081-4219	WASHER, FLAT: round, 5/16 screw size	EA	8	*	*	*	*		
00049										
O	5310-045-3296	WASHER, LOCK: helical	EA	1	*	*	*	*		
00050										
00051		GROUP 18 - BODY, CAB, HOOD AND HULL								
00052		1801 - BODY, CAB, HOOD AND HULL ASSEMBLIES								
X2 O	6115-929-8144	PLATE, FRONT SHIELD	EA	1						
00053		13212E3611-2 (97403)								
O	5310-080-8495	NUT, PLAIN, WING: 1/4-20 screw size	EA	2	*	*	*	*		
00054										
O	5305-721-8010	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2, lg	EA	2	*	*	*	*		
00055										
O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*		
00056										
12 O		WASHER, LOCK: split helical, 1/4	EA	2						
00057		MS35338-139 (96906)								
00058		1810 - CARGO HOOD								
X2 O		BOLT, MACHINE, HEXAGON HEAD: 5/8-11 X 7, lg	EA	2						
00059		FFB575TYPE3 (97403)								
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	12	*	*	*	*		
00060										
O	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5/8-11	EA	8	*	*	*	*		
00061										
O	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1-1/4	EA	16	*	*	*	*		
00062										
O	5305-724-5911	SCREW, CAP, HEXAGON HEAD: 5/8-11 X 1-3/4	EA	6	*	*	*	*		
00063										
O	5310-809-4061	WASHER, FLAT: round, 3/8	EA	28	*	*	*	*		
00064										
O	5310-823-8803	WASHER, FLAT: round, 5/8	EA	16	*	*	*	*		
00065										
O	5310-959-4675	WASHER, LOCK: helical split heavy, 3/8	EA	4	*	*	*	*		
00066										

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
00067		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS								
00068		2201 - CANVAS, RUBBER, OR PLASTIC ITEMS								
P O 00069 P O 00070 P O R 00071 00072	2540-924-8478  2540-926-1003	BOW, TRAILER TARPAULIN 13215E3597-1 (97403) BOW, TRAILER TARPAULIN 13212E3597-2 (97403) TARPAULIN 13216E7434 (97403)	EA  EA  EA	4  2  1	*  *  *	*  *  *	*  *  *	*  *  2		
		2202 - ACCESSORY ITEMS								
X2 O 00073 X2 O 00074 X2 O 00075 O 00076 P O 00077 P O 00078 X2 O 00079 O 00080 O 00081 00082	2910-066-1235  7240-222-3088  5120-251-4489  5310-088-1251  9905-202-3639  9905-205-2795  5975-878-3791  5305-068-0502  5310-809-4058	ADAPTER ASSEMBLY: fuel drum 13211E7541 (97403) CAN, GASOLINE: 5 gallon, Military MILC1283 (81349) HAMMER HAND GGGH86 (97403) NUT, SELF-LOCKING, HEXAGON:1/4-20  REFLECTOR, CLEARANCE: amber MS35387-2 (96906) REFLECTOR, CLEARANCE: red MS35387-1 (96906) ROD: ground, w/attachments MILR11461 (81349) SCREW, CAP, HEXAGON HEAD:1/4-20 X 3/4, lg  WASHER, FLAT: round, 1/4 in.	EA  EA  EA  EA  EA  EA  EA	2  6  1  12  2  4  2  12  24	     *  *  *  *  *  *	     *  *  *  *  *  *	     *  *  *  *  *  *	     *  *  *  *  *  2		
		2210 - DATA PLATES AND INSTRUCTION HOLDERS								
X2 O 00083 Y2 O 00084		PLATE, IDENTIFICATION 13205E4918 (97403) PLATE, INFORMATION: wiring diagram 13212E3587 (97403)	EA  EA	1  1						
00085		GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS								
00086		2941 - ENGINE MUFFLER, EXHAUST AND TAIL PIPES								
X2 O 00087 X2 O 00088 O 00089 O 00090 O 00091 00092	6115-947-3331  6115-947-3335  5310-088-1251  5305-225-3839  5310-809-4058	EXHAUST TUBE 13214E1486 (97403) EXHAUST TUBE 13214E1487 (97403) NUT, SELF-LOCKING, HEXAGON: 1/4-20  SCREW, CAP, HEXAGON HEAD:1/4-20 X 1, lg  WASHER, FLAT: round, 1/4-20 screw size	EA  EA  EA  EA  EA	1  1  2  2  4	     *  *  *  *  *	     *  *  *  *  *	     *  *  *  *  *	     *  *  *  *  *		
		GROUP 40 - ELECTRIC MOTORS AND GENERATORS								
00093		4000 - GENERATOR ASSEMBLY								
O 00094 O 00095 X2 O 00096  O 00097	5310-225-6993  5305-782-9494    5310-809-5998	NUT, SELF-LOCKING, HEXAGON: 1/2-13  SCREW, CAP, HEXAGON HEAD: 1/2-13 X 1-3/4  WASHER, BEVELED 13206E4482-2 (97403)  WASHER, FLAT: round, 1/2 in.	EA  EA  EA  EA	8  8  8  8	*  *  *  *	*  *  *  *	*  *  *  *	*  *  *  *		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
00098		4019 - RADIO INTERFERENCE SUPPRESSION								
X2 O		CLAMP, CUSHIONED SUPPORT: 1/4, loop	EA	2						
00099		MS21334-2 (96906)								
X2 O		NUT, PLAIN, HEXAGON: brass, 3/8-16	EA	3						
00100		MS16203-39 (96906)								
X2 O		NUT, PLAIN, HEXAGON, JAM: brass, 3/8-16	EA	1						
00101		MS16203-39 (96906)								
O	5310-934-9758	NUT, PLAIN, HEXAGON: No. 10-24	EA	2	*	*	*	*		
00102										
O	5310-543-4717	NUT, PLAIN, WING: brass, 3/8-16	EA	1	*	*	*	*		
00103										
X2 O		SCREW, CAP, HEXAGON HEAD:3/8-16 X 3/4, lg	EA	1						
00104		MS35309-358 (96906)								
O	5305-984-6212	SCREW, MACHINE: pan head, No. 10-24 X 3/4, lg	EA	2	*	*	*	*		
00105										
X2 O		STUD	EA	1						
00106		13214E1223 (97403)								
X2 O		WASHER, FLAT: brass, 3/8 thd size	EA	4						
00107		AN961-616T (88044)								
O	5310-809-8546	WASHER, FLAT: round, No. 10 thd size	EA	4	*	*	*	*		
00108										
O	5310-913-9776	WASHER, LOCK, FLAT: external tooth	EA	1	*	*	*	*		
00109										
O	5310-913-9776	WASHER, LOCK, FLAT: external tooth, 3/8	EA	2	*	*	*	*		
00110										
O	5310-045-3296	WASHER, LOCK: helical, No. 10 screw size	EA	2	*	*	*	*		
00111										
00112		GROUP 42 - ELECTRICAL EQUIPMENT								
00113		4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES								
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	4	*	*	*	*		
00114										
X2 O		PLATE, INFORMATION: wiring diagram	EA	1		SEE	GRP	2210		
00115		13212E3587 (97403)								
O	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1, lg	EA	4	*	*	*	*		
00116										
O	5305-989-7434	SCREW, MACHINE: pan head, 10-32 X 1/2, lg	EA	16	*	*	*	*	4-9	5
00117										
O	5310-809-8546	WASHER, FLAT: round, No. 10 screw size	EA	16	*	*	*	*	4-9	7
00118										
O	5310-809-4061	WASHER, FLAT: round, 3/8 screw size	EA	8	*	*	*	*		
00119										
O	5310-045-3296	WASHER, LOCK: helical, No. 10 screw	EA	16	*	*	*	*	4-9	6
00120										
00121		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS								
00122		7638 - PORTABLE FIRE FIGHTING EQUIPMENT (INCLUDES FIRE EXTINGUISHERS)								
X2 O	4210-555-8837	FIRE, EXTINGUISHER: w/bracket	EA	2						
00123		MILE52031 (81349)								
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 X 20	A	8	*	*	*	*		
00124										
O	5305-068-0502	SCREW, CAP, HEXAGON HEAD:1/4-20 X 3/4, lg	EA	8	*	*	*	*		
00125										
O	5310-809-4058	WASHER FLAT: round, 1/4 screw size	EA	16	*	*	*	*		
00126										
00127		GROUP 95 - GENERAL USE STANDARDIZED PARTS								
00128		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON								
P O	5340-922-5653	WEBBING	FT							
00129		MILW530TYPE2CLASS4 (81349)								



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE ON CODE	(5)  UNIT OF MEAS	(6)  30-DAY DS MAINT ALLOWANCE	(7)  30-DAY GS MAINT ALLOWANCE	(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
									ILLUS- TRATION	
									(a) FIG. NO.	(b) ITEM NO.
		PART II								
		REPAIR PARTS FOR DS, GS, AND DEPOT MAINTENANCE								
00001		GROUP 01 - ENGINE								
00002		0106 - ENGINE LUBRICATION SYSTEM								
X2 O 00003	4720-913-6422	HOSE, OIL DRAIN 13211E4918 (97403)	EA	2						
O 00004	4730-766-7908	NIPPLE, TUBE, OIL DRAIN	EA	2	*	*	*	*	*	*
O 00005	5310-282-7822	NUT, UNION: oil drain hose	EA	2	*	*	*	*	*	*
X2 O 00006		REDUCER, BUSHING: 3/4-14 X 1/2-14 SAEJ530 (81343)	EA	2						
O 00007 00008	5310-754-2005	WASHER, LOCK: oil drain hose	EA	2	*	*	*	*	*	*
		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS								
00009		1501 - FRAME ASSEMBLY								
X2 O 00010	2590-473-6331	BRACKET ASSEMBLY: liquid count, 5 gallon MS53052-1 (96906)	EA	6						
X2 O 00011		BRACKET 13214E1204 (97403)	EA	6						
X2 O 00012	5340-999-4286	BUCKLE MS51940-7 (96906)	EA	12						
X2 O 00013		FASTENER 13214E1205 (97403)	EA	6						
X2 O 00014		HOOK, DRIP RAIL 13212E1316 (97403)	EA	6						
M O 00015		STRAP: bottom 18 in. lg, nylon webb 13214E1203-3 (97403)	EA	6						
P O 00016	5340-922-5653	MANUFACTURE FROM WEBBING, NYLON MILW530TYPE2CLASSA (81349)	FT			SEE	GRP	9501		
M O 00017		STRAP: top, 30 in. lg, nylon webb 13214E1203-2 (97403)	EA	6						
P O 00018	5340-922-5653	MANUFACTURE FROM: WEBBING, NYLON 1403 (06716)	FT			SEE	GRP	9501		
X2 O 00019	5340-999-6277	BRACKET ASSEMBLY:sledge hammer 13214E1214 (97403)	EA	1						
X2 O 00020		CLAMP CABLE: double 13212E3591-2 (97403)	EA	1						
X2 O 00021		CLAM, CABLE: single 13212E3612 (97403)	EA	2						
X2 O 00022	5340-526-2559	CLAMP, CUSHIONED SUPPORT: loop type MS21333-2 (96906)	EA	1						
X2 O 00023	2590-932-7298	CLAMP, GROUND ROD 13212E3617-1 (97403)	EA	4						
X2 O 00024	5340-914-2578	CLIP, SPRING 13214E1213-1 (97403)	EA	1						
X2 O 00025	7240-920-5327	HOLDER, FUEL DRUM ADAPTER 13214E1213-1 (97403)	EA	2						

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00026 O	5310-934-9758	NUT, PLAIN, HEXAGON: No. 10-24	EA	1	*	*	*	*	*	*	*	*		
00027 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	8	*	*	*	*	*	*	*	*		
00028 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	*	*	*	*		
00029 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20, size	EA	4	*	*	*	*	*	*	*	*		
00030 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	1	*	*	*	*	*	*	*	*		
00031 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	*	*	*	*		
00032 O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16, screw	EA	24	*	*	*	*	*	*	*	*		
00033 O	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18	EA	4	*	*	*	*	*	*	*	*		
00034 O	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1-1/4	EA	2	*	*	*	*	*	*	*	*		
00035 O	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1-1/4	EA	4	*	*	*	*	*	*	*	*		
00036 O	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg	EA	1	*	*	*	*	*	*	*	*		
00037 O	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20X3/4, lg	EA	2	*	*	*	*	*	*	*	*		
00038 O	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1-1/4	EA	24	*	*	*	*	*	*	*	*		
00039 O	5306-225-8499	SCREW, CAP, HEXAGON HEAD 5/16-18X 1, lg	EA	4	*	*	*	*	*	*	*	*		
00040 O	5305-958-5247	SCREW, MACHINE: flathead, 1/4 X 20 X 1, lg	EA	8	*	*	*	*	*	*	*	*		
00041 O	5305-984-6212	SCREW, MACHINE: pan head, 10-24 X 3/4, lg	EA	1	*	*	*	*	*	*	*	*		
00042 O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*	*	*	*	*		
00043 O	5310-809-8546	WASHER, FLAT: round, No. 10 screw size	EA	2	*	*	*	*	*	*	*	*		
00044 O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	8	*	*	*	*	*	*	*	*		
00045 O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	8	*	*	*	*	*	*	*	*		
00046 O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*	*	*	*	*		
00047 O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	1	*	*	*	*	*	*	*	*		
00048 O	5310-809-4061	WASHER, FLAT: round, 3/8 screw size	EA	48	*	*	*	*	*	*	*	*		
00049 O	5310-081-4219	WASHER, FLAT: round, 5/16 screw size	EA	8	*	*	*	*	*	*	*	*		
00050 O	5310-045-3296	WASHER, LOCK: helical	EA	1	*	*	*	*	*	*	*	*		
00051 O		GROUP 18 - BODY, CAB, HOOD AND HULL												
00052 O		1801 -BODY, CAB, HOOD AND HULL ASSEMBLIES												
X2 00053 O	6115-929-8144	PLATE, FRONT SHIELD 13212E3611-2 (97403)	EA	1										
00054 O	5310-080-8495	NUT, PLAN, WING: 1/4-20 screw size	EA	2	*	*	*	*	*	*	*	*		
00055 O	5305-721-8010	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2, lg	EA	2	*	*	*	*	*	*	*	*		
00056 X2 00057 O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size	EA	4	*	*	*	*	*	*	*	*		
00058 X2 00059 O		WASHER, LOCK: split helical, 1/4 M135338-139 (96906)	EA	2										
00060 X2 00061 O	2510-922-7720	1810 - CARGO BODY BODY, TRAILER 13214E1496 (97403)	EA	1										
00062 O		BOLT, MACHINE, HEXAGON HEAD: 5/8-11 X 7, lg FFB575TYPE3 3 (97403)	EA	2										
		CHASSIS, TRAILER 13212E3588 (97403)	EA	1										
	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	12	*	*	*	*	*	*	*	*		

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00063	O 5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5/8-11	EA	8	*	*	*	*	*	*	*	*		
00064	O 5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1-1/4	EA	16	*	*	*	*	*	*	*	*		
00065	O 5305-724-5911	SCREW, CAP, HEXAGON HEAD: 5/8-11 X 1-3/4	EA	6	*	*	*	*	*	*	*	*		
X2 D 00066		SHIM (As required) 13212E3590 (97403)												
00067	O 5310-809-4061	WASHER, FLAT: round, 3/8	EA	28	*	*	*	*	*	*	*	*		
00068	O 5310-823-8803	WASHER, FLAT: round, 5/8	EA	16	*	*	*	*	*	*	*	*		
00069	O 5310-959-4675	WASHER, LOCK: helical split heavy, 3/8	EA	4	*	*	*	*	*	*	*	*		
00070		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS												
00071		2201 - CANVAS, RUBBER, OR PLASTIC ITEMS												
P O 00072	2540-924-8478	BOW, TRAILER TARPAULIN 13215E3597-1 (97403)	EA	4	*	*	2	*	*	2	8	8		
P O 00073	5340-00-878-5269	PIN, QUICK RELEASE MS17990C613 (96906)	EA	12										
P O 00074	2540-926-1003	BOW, TRAILER TARPAULIN 13212E3597-2 (97403)	EA	2	*	*	*	*	*	*	4	4		
P O R 00075	6115-00-459-5946	TARPAULIN 13216E7434 (97403)	EA	1	*	2	2	*	2	2	13	13		
X2 F 00076		BUCKLE MS51920 (96906)	EA	18										
X2 F 00077		CHAPE ASSEMBLY 13214E1392 (97403)	EA	12										
X2 F 00078		HOOK TEE 13214E1497 (97403)	EA	22										
X2 F 00079		RING, DEE MS51925 (96906)	EA	14										
00080		TIP END MS51926 (96906)	EA	24										
X2 O 00081	2910-066-1235	2202 - ACCESSORY ITEMS ADAPTER ASSEMBLY: fuel drum 13211E7541 (97403)	EA	2										
X2 O 00082	7240-222-3088	CAN, GASOLINE: 5 gallon, Military MILC1283 (81349)	EA	6										
X2 O 00083	5120-251-4489	HAMMER HAND GGGH86 (97403)	EA	1										
O 00084	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	12	*	*	*	*	*	*	*	*		
P O 00085	9905-202-3639	REFLECTOR, CLEARANCE: amber MS35387-2 (96906)	EA	2	*	*	*	*	*	*	6	6		
P O 00086	9905-205-2795	REFLECTOR, CLEARANCE: red MS35387-1 (96906)	EA	4	*	2	2	*	2	2	12	12		
X2 O 00087	5975-878-3791	ROD: ground, w/attachments MILR11461 (81349)	EA	2										
O 00088	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg	EA	12	*	*	*	*	*	*	*	*		
O 00089	5310-809-4058	WASHER, FLAT: round, 1/4 IN.	EA	24	*	*	*	*	*	*	*	*		
P F 00090	6145-395-8799	WIRE, ELECTRICAL: copper, No. 6 AWG QQW343 (81348)						SEE	GRP	9501				
00091		2210 - DATA PLATES AND INSTRUCTION HOLDERS												
X2 O 00092		PLATE, IDENTIFICATION 13205E4918 (97403)	EA	1										
X2 O 00093		PLATE, INFORMATION: wiring diagram 13212E3587 (97403)	EA	1										

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00094		GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS												
00095		2941 - ENGINE MUFFLER, EXHAUST AND TAIL PIPES												
X2 O	6115-947-3331	EXHAUST TUBE	EA	1										
00096		13214E1486 (97403)												
X2 O	6115-947-3335	EXHAUST TUBE	EA	1										
00097		13214E1487 (97403)												
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	*	*	*	*		
00098														
O	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1, lg	EA	2	*	*	*	*	*	*	*	*		
00099														
O	5310-809-4058	WASHER, FLAT' round, 1/4-20 screw size	EA	4	*	*	*	*	*	*	*	*		
00100														
00101		GROUP 40 - ELECTRIC MOTORS AND GENERATORS												
00102		4000 - GENERATOR ASSEMBLY												
X2 FR	6115-074-8330	GENERATOR SET	EA	2										
00103		MILG52279TYPE1 (81349)												
O	5310-225-6993	NUT, SELF-LOCKING, HEXAGON: 1/2-13	EA	8	*	*	*	*	*	*	*	*		
00104														
O	5305-782-9494	SCREW, CAP, HEXAGON HEAD: 1/2-13 X 1-3/4	EA	8	*	*	*	*	*	*	*	*		
00105														
X2 O		WASHER, BEVELED	EA	8										
00106		13206E4482-2 (97403)												
O	5310-809-5998	WASHER, FLAT: round, 1/2 IN.	EA	8	*	*	*	*	*	*	*	*		
	5325-01-175-2185	FASTENER												
		FX10-155-3P (29372)	EA	1									4	6
00107														
00108		4018 - TERMINAL BLOCKS, JUNCTION BOXES												
X2 F		GASKET	EA	1										
00109		13212E3610 (97403)												
F	5305-984-6214	SCREW, MACHINE, PAN HEAD: 10-24 thd size, 1 in lg	EA	6	*	*	*	*	*	*	*	*		
00110														
X2 F		TERMINAL BOARD	EA	1										
00111		13212E3606 (97403)												
X2 F	5940-904-9634	TERMINAL LOAD	EA	4										
00112		13208E5820-6 (97403)												
F	5310-809-8546	WASHER, FLAT, ROUND: No. 10	EA	12	*	*	*	*	*	*	*	*		
00113														
F	5310-184-8970	WASHER, LOCK: 1/4 in	EA	8	*	*	*	*	*	*	*	*		
00114														
00115		4019 - RADIO INTERFERENCE SUPPRESSION												
X2 O		CLAMP, CUSHIONED SUPPORT: 1/4 loop	EA	2										
00116		MS21334-2 (96906)												
X2 O		NUT, PLAIN, HEXAGON: brass, 3/8-16	EA	3										
00117		MS16203-39 (96906)												
X2 O		NUT, PLAIN, HEXAGON, JAM: brass, 3/8-16	EA	1										
00118		MS16203-39 (96906)												
O	5310-934-9758	NUT, PLAIN, HEXAGON: No. 10-24	EA	2	*	*	*	*	*	*	*	*		
00119														
O	5310-543-4717	NUT, PLAIN, WING: brass, 3/8-16	EA	1	*	*	*	*	*	*	*	*		
00120														
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 X 3/4, lg	EA	1										
00121		MS35309-358 (96906)												
O	5305-984-6212	SCREW, MACHINE: pan head, No. 10-24 X 3/4, lg	EA	2	*	*	*	*	*	*	*	*		
00122														
X2 O		STUD	EA	1										
00123		13214E1223 (97403)												
X2 F		TERMINAL, LUG: No. 6 wire, 3/8 stud	EA	4										
00124		MS20659-110 (96906)												

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)		
					30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100					
X2 O 00125	5310-809-8546	WASHER, FLAT: bra, 3/8 thd size AN961-616T (88044)	EA	4											
O 00126		WASHER, FLAT, round, No. 10 thd size	EA	4	*	*	*	*	*	*	*	*			
O 00127		5310-913-9776	WASHER, LOCK, FLAT: external tooth	EA	1	*	*	*	*	*	*	*	*		
O 00128		5310-913-9776	WASHER, LOCK, FLAT: external tooth, 3/8	EA	2	*	*	*	*	*	*	*	*		
O 00129		5310-045-3296	WASHER, LOCK: helical, No. 10 screw size	EA	2	*	*	*	*	*	*	*	*		
00130 00131			GROUP 42 - ELECTRICAL EQUIPMENT 4206 -THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES												
X2 FR 00132	6110-913-9275	DISTRIBUTION BOX 13212E3601 (97403)	EA	1											
	6210-01-107-5829	CONTROL LIGHT BOX	EA	1									4-9	18	
X2 F 00133	6115-104-4550	13212E3602 (97403)	EA	1									4-9	16	
X2 F 00134	6115-948-7169	CABLE 13212E3607 (97403)	EA	1				SEE	GRP	4216			4-9	17	
X2 F 00135	6115-948-7170	CABLE 13212E3608 (97403)	EA	1				SEE	GRP	4216			4-9	1	
X2 F 00136		CABLE: 600v 13216E7479 (97403)	EA	2									4-9	19	
X2 F 00137		COVER 13212E3603 (97403)	EA	1									4-9	11	
X2 F 00138		GASKET 13212E3610 (97403)	EA	1				SEE	GRP	4018			4-9	13	
M F 00139		LEAD, ELECTRICAL 13212E3609-1 (97403)	EA	1									4-9	12	
P F 00140	6145-284-0656	MANUFACTURE FROM: WIRE, ELECTRICAL: 600v, aircraft ANG (A required)	FT					SEE	GRP	9501					
M F 00141		MILW5086 (81349) LEAD, ELECTRICAL 13212E3609-3 (97403)	EA	1									4-9	2	
P F 00142	6145-284-0656	MANUFACTURE FROM: WIRE, ELECTRICAL: 600v, aircraft AN6 (As required)	FT					SEE	GRP	9501					
M F 00143		MILW5086 (81349) LEAD, ELECTRICAL 13212E3609-2 (97403)	EA	1									4-9	2A	
P F 00144	6145-284-0656	MANUFACTURE FROM: WIRE, ELECTRICAL, 600v, aircraft AN6 (As required)	FT					SEE	GRP	9501					
P F 00145		MILW5086 (81349) LEAD, ELECTRICAL 13216E7476 (97403)	EA	1									4-9	25	
X2 F 00146		LIGHT AND WIRE 12 in. lg 13212E358 1-1 (97403)	EA	2									4-9	28	
PAOOO 00147	6240- 0-892-4420	LAMP GLOW MS25252-C7A (96906)	EA	1									4-9	27	
X2 F 00148	5310-924-4218	NUT, PLAIN HEXAGON: jam, 1/4-20 MS16203-37 (96906)	EA	8									4-9		
F 00149	5310-00-934-9758	NUT, PLAIN, HEXAGON: 1/4-28	EA	9	*	*	*	*	*	*	*	*	4-9		
O 00150	5310-087-4652	NUT, PLAIN, HEXAGON: machine screw	EA	6	*	*	*	*	*	*	*	*	4-9		
X2 F 00151	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	4	*	*	*	*	*	*	*	*	4-9		
	5330-802-5905	PACKING, PREFORMED "O" RING MS23775-132 (96906)	EA	2									4-9	14	

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 F 00152	5330-579-8108	PACKING, PREFORMED "O" RING MS28775-111 (96906)	EA	1									4-9	31
X2 F 00153	5330-684-3420	PACKING, PREFORMED "O" RING MS28775-013 (96906)	EA	4									4-9	4
X2 O 00154		PLATE, INFORMATION: wiring diagram 13212E33587 (97403)	EA	1				SEE	GRP	2210				
F 00155	5305-984-6214	SCREW, MACHINE: pan head	EA	6				SEE	GRP	4018			4-9	22
F 00156	5305-954-9003	SCREW, MACHINE: pan head	EA	9	*	*	*	*	*	*	*	*		
O 00157	5305-989-7434	SCREW, MACHINE: pan head, 10-32 X 1/2, lg	EA	16	*	*	*	*	*	*	*	*	4-9	5
F 00158	5305-984-5695	SCREW, MACHINE: pan head, 3/8-16 X 2, lg	EA	4	*	*	*	*	*	*	*	*	4-9	3
X2 P 00159		STUFFING TUBE 13212E3582-20 (97403)	EA	2									4-9	15
P2 F 00160	5930-00-829-3243	SWITCH, ROTARY: 60 amp 13205E023 (97403)	EA	1	*	*	*	*	*	*	2	2	4-9	30
PA O 00161	5355-01-166-3672	KNOB 0600-1 (82121)	EA	1									4-9	32
PA O 00162	5305-00-984-6210	SCREW, MACHINE: pan hand MS35206-263 (96906)	EA	1									4-9	33
X2 F 00163		TERMINAL BOARD 13212E3606 (97403)	EA	1				SEE	GRP	4018			4-9	20
X2 F 00164	5940-00-021-3321	TERMINAL LOAD 13208E5820-6 (97403)	EA	4				SEE	GRP	4018			4-9	21
X2 F 00165		TERMINAL, LUG: -L6 stud, 1/4 (As required)												
F 00166	5940-660-3631	MS25036-20 (96906)	EA	4	*	*	*	*	*	*	*	*		
F 00167	5310-809-8546	TERMINAL, LUG: 18-22 stud, 1/4	EA	12				SEE	GRP	4018			4-9	23
O 00168	5310-809-8546	WASHER, FLAT: round, No. 10	EA	16	*	*	*	*	*	*	*	*	4-9	7
F 00169	5310-080-6004	WASHER FLAT round 3/8 screw size	EA	8	*	*	*	*	*	*	*	*	4-9	8
X2 F 00170		WASHER LOCK, FLAT: external tooth, 1/4 MS35335-419 (96906)	EA	9									4-9	29
F 00171	5310-045-3296	WASHER, LOCK: helical spring, No. 1	EA	6	*	*	*	*	*	*	*	*		
O 00172	5310-045-3296	WASHER, LOCK: helical, No. 10 screw	EA	16	*	*	*	*	*	*	*	*	4-9	6
F 00173	5310-184-8970	WASHER, LOCK: helical spring, 1/4 IN.	EA	8				SEE	GRP	4018			4-9	24
F 00174	5310-022-8834	WASHER, LOCK internal tooth flat, 1/4	EA	4	*	*	*	*	*	*	*	*	4-9	26
O 00175	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	4	*	*	*	*	*	*	*	*	4-9	9
X2 F 00176	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1, lg	EA	4	*	*	*	*	*	*	*	*	4-9	10
O 00177		STRAP, CABLE ADJUSTER: 1-1/2, maximum Building size MS17821-1-9 (96906)	EA	1										
X2 P 00178	6115-948-7170	WASHER, FLAT: round, 3/8 screw size	EA	8	*	*	*	*	*	*	*	*	*	
X2 F 00179	6115-948-7169	4216 - MISCELLANEOUS WIRING AND FITTINGS	EA	1										
O 00180		CABLE 13212E3608 (97403)	EA	1										
O 00181		CABLE 13212E3607 (97403)	EA	1										
O 00182		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS 7638 - PORTABLE FIRE FIGHTING EQUIPMENT (INCLUDES FIRE EXTINGUISHERS)	EA	2										
O 00183	4210-555-8837	FIRE, EXTINGUISHER: w/bracket MILE52031 (81349)	EA	2										

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)		
						30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					ILLUS- TRATION	(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100					
00183 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 X 20		EA	8	*	*	*	*	*	*	*	*			
00184 O	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg		EA	8	*	*	*	*	*	*	*	*			
00185 O	5310-809-4058	WASHER, FLAT: round, 1/4 screw size		EA	16	*	*	*	*	*	*	*	*			
00186		GROUP 95 - GENERAL USE STANDARDIZED PARTS														
00187		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON														
P O 00188	5340-922-5653	WEBBING MILW530TYPE2CLASS4 (81349)		FT	*	*	*	*	*	*	20	20				
P F 00189	6145-395-8799	WIRE, ELECTRICAL: copper. No. 6, AWG QQW343 (81348)		FT	*	*	*	*	*	*	*	*				
P F 00190	6145-284-0656	WIRE, ELECTRIC: 600v, aircraft AN6 MILW5086 (81349)		FT	*	*	*	*	*	*	*	*				

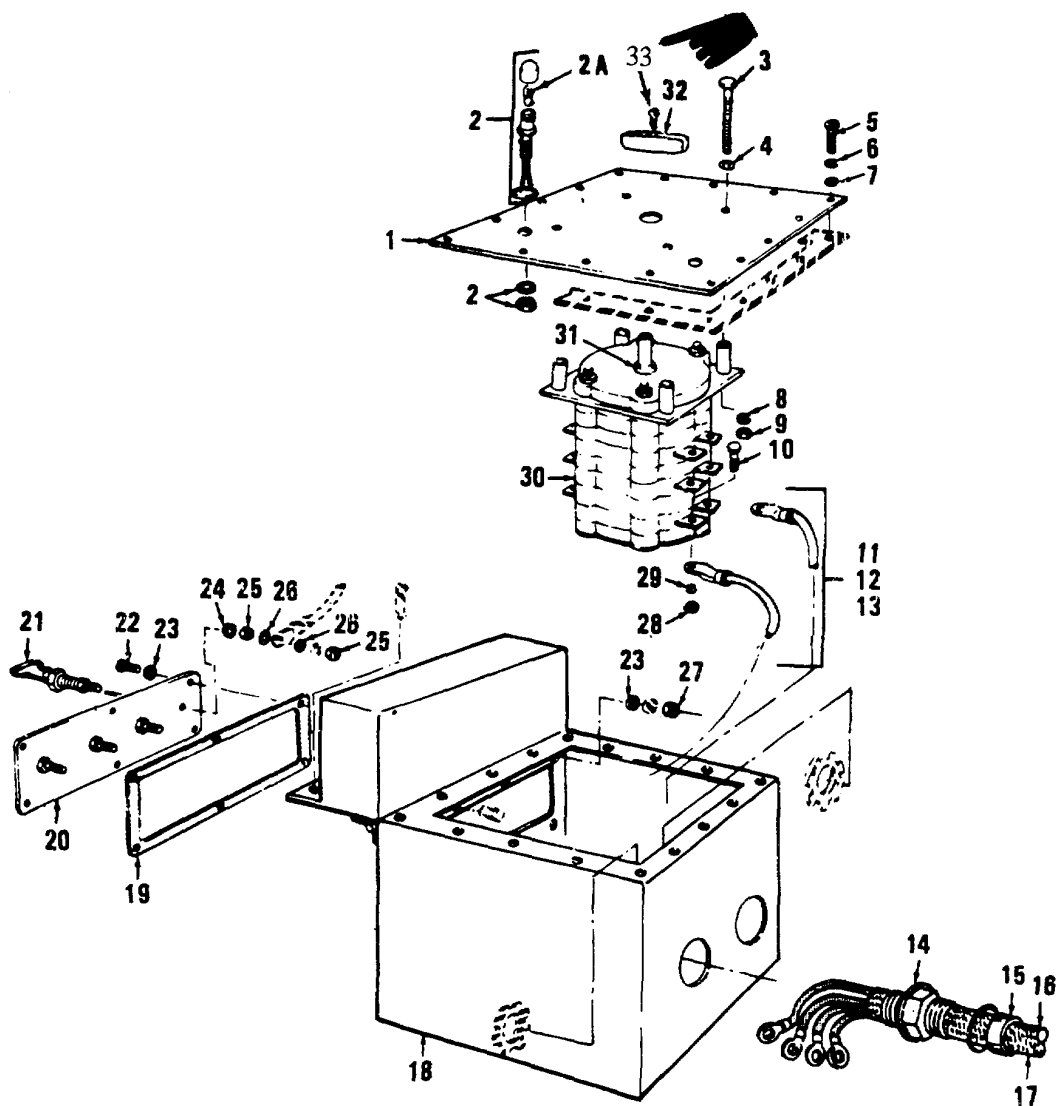


FIGURE 4-9. LEGEND TO PARTS

ITEM NO.	FUNCT GROUP	ITEM NAME
1	4206	COVER
2	4206	LIGHT-WIRE
2A	4206	BULB
3	4206	SCREW
4	4206	PACKING
5	4206	SCREW
6	4206	WASHER
7	4206	WASHER
8	4206	WASHER
9	4206	NUT
10	4206	SCREW

ITEM NO.	FUNCT GROUP	ITEM NAME
11	4206	LEAD
12	4206	LEAD
13	4206	LEAD
14	4206	PACKING
15	4206	STUFFING
16	4206	CABLE
17	4206	CABLE
18	4206	BOX
19	4206	GASKET
20	4206	TERMINAL BOARD
21	4206	TERMINAL LOAD

ITEM NO.	FUNCT GROUP	ITEM NAME
22	4206	SCREW
23	4206	WASHER
24	4206	WASHER
25	4206	NUT
26	4206	WASHER
27	4206	NUT
28	4206	NUT
29	4206	WASHER
30	4206	SWITCH
31	4206	PACKING
32	4206	KNOB
33	4206	SCREW, MACHINE PAN HAND

Figure 4-9. Distribution box.



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFR CODE								
00001		PART III - PU-620/M								
00002		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
00005		GROUP 15 - FRAME								
00005		1507 - LEVELING JACKS								
X2 O 00006	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	3					4- 10	42
X2 O 00007	5305-269-3213	SCREW, CAP, HEXAGON HEAD 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	3					4- 10	44
O O 00008	2590-318-6691	TRAILER LEG PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	*	*	4- 10	41
12 O 00009	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	6					4- 10	43
00010		GROUP 18 - BODY								
00011		1810 - CARGO BODY								
X2 O 00013	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	34					4- 10	3
X2 O 00014	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	34					4- 10	5
X2 O 00016	5310-809-4061	WASHER, FLAT: 3/8 in. BSC SIZE MS27183-15 (96906)	EA	68					4- 10	4
00017		GROUP 22 - BODY ACCESSORY ITEMS								
00018		2201 - CANVAS ITEMS								
P O R 00019	2540-926-0993	TARPAULIN 13214E1219 (97403)	EA	1	*	*	*	*	4- 11	29
X2 O 00020	5340-057-6956	BUCKLE, SPRING ACTION MS51929-2 (96906)	EA	8						
X2 O 00021		CHAPE ASSEMBLY 13214E1392 (97403)	EA	12						
X2 O 00022	5340-078-7029	CLIP, END, STRAP MS51926-3 (96906)	EA	20						
X2 O 00023		DEE RING MS51925-8 (96906)	EA	14						
X2 O 00024		TEE HOOK 13214E1497 (97403)	EA	22						
00025		2202 - ACCESSORY ITEMS								
O O 00026	2910-066-1235	ADAPTER ASSEMBLY, FUEL DRUM 13211E7541 (97403)	EA	2	*	*	*	*	4- 11	6
X2 O 00027		BOW, TRAILER TARPAULIN 13214E1218 (97403)	EA	4					4- 11	30
X2 O 00028	2510-706-4504	BRACKET ASSEMBLY: LIQUID CONTAINER, 5 GALLON MS53052 (96906)	EA	6					4- 10	45
X2 O 00029	5340-999-6277	BRACKET ASSEMBLY, SLEDGE HAMMER 13214E1214 (97403)	EA	1					4- 11	14

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFR CODE								
X2 O 00030	7240-222-3088	CAN, GASOLINE: MILITARY, 5 GALLON MILC1283 (81349)	EA	6					4- 10	47
X2 O 00031	2590-932-7298	CLAMP, GROUND ROD 13212E3617-1 (97403)	EA	4					4- 11	10
X2 O 00032	5340-914-2578	CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1					4- 11	18
X2 O 00033	7240-920-5327	HOLDER, FUEL DRUM ADAPTER 31213E3553-1 (97403)	EA	2					4- 11	2
X2 O 00034	5310-080-8495	NUT, PLAIN, WING: 1/4-20 UNC, 2B MS35425-39 (96906)	EA	2					4- 10	51
X2 O 00035	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	8					4- 11	23
X2 O 00036	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4					4- 11	22
X2 O 00037	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	24					4- 10	46
X2 O 00038	5310-984-3806	NUT, SELF-LOCKING: 5/16-18 UNC MS51922-9 (96906)	EA	4					4- 11	3
X2 O 00039	5310-088-1251	NUT, SELF-LOCKING HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	8					4- 11	7
X2 O 00040	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2					4- 11	11
X2 O 00041	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	1					4- 11	15
X2 O 00042		PLATE, FRONT, SHIELD 13214E1217-1 (97403)	EA	4					4- 10	50
X2 O 00043	9905-202-3639	REFLECTOR, INDICATING, AMBER MS35387-2 (96906)	EA	2					4- 11	26
X2 O 00044	9905-205-2795	REFLECTOR, INDICATING CLEARANCE, RED MS35387-1 (96906)	EA	4					4- 11	22
X2 O 00045	5305-068-0501	SCREW, CAP, HEXAGON: 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	8					4- 11	21
X2 O 00046	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 5/8 in. LG MS90725-5 (96906)	EA	4					4- 11	25
X2 O 00047	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 IN. LG MS90725-60 (96906)	EA	24					4- 10	48
X2 O 00048	5305-071-2237	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 IN. MS90725-14 (96906)	EA	2					4- 10	54
12 O 00049	5306-225-8497	SCREW, CAP, HEXAGON HEAD: 5/16-18 X 3/4 IN. LG MS90725-32 (96906)	EA	4					4- 11	5
X2 O 00050	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	2					4- 11	13
X2 O 00051	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	1					4- 11	17
X2 O 00052	5305-958-5246	SCREW, MACHINE: 1/4-20 X 3/4 IN. LG MS35190-289 (96906)	EA	8					4- 11	9
X2 O 00053	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC MS27183-10 (96906)	EA	16					4- 11	20

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFR CODE								
X2 O 00054	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8					4-11	24
X2 O 00055	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	48					4-10	47
X2 O 00056	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4					4-10	53
X2 O 00057	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	8					4-11	4
X2 O 00058	5310-609-4058	WASHER, FLAT ROUND, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8					4-11	8
X2 O 00059	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4					4-11	12
X2 O 00060	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183 10 (96906)	EA	2					4-11	16
X2 O 00061	5310-042-6758	WASHER, LOCK: 1/4 IN. SCREW SIZE MS35338-82 (96906)	EA	2					4-10	52
00062		2210-DATA PLATES								
X2 O 00063		PLATE, IDENTIFICATION: GROUND TERMINAL 13205E4918 (97403)	EA	1					4-10	55
X2 O 00064		PLATE, IDENTIFICATION: PU620/M 13205E4916-4 (97403)	EA	1					4-11	28
00065		GROUP 29-AUXILIARY GENERATOR AND ENGINE								
00072		2941-ENGINE EXHAUST								
X2 O 00073	2990-01-015-2910	EXHAUST, TUBE 13219E3662 (97403)	EA	1					4-10	11
X2 O 00074	2990-01-415-2911	EXHAUST, TUBE 13219E3661 (97403)	EA	1					4-10	15
X2 O 00074A	4720-00-156-9932	HOSE, CL, SCNPSNA TY2 1.75 ID x 28.00 PLUS OR MINUS .25 L WW-H-1053 (81348)	EA	1					4-10	12
X2 O 00075	5310-088-1251	NUT, SELF-LOCKING MS51922-1 (96906)	EA	2					4-10	12
X2 O 00076	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 IN. LG MS90725-8 (96906)	EA	2					4-10	14
X2 O 00077	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4					4-10	13
00078		GROUP 42-ELECTRICAL EQUIPMENT								
00079		4202-ELECTRICAL CONTROLS								
X2 O 00098	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE	EA	4						
X2 O 00102		PLATE, INFORMATION: WIRING DIAGRAM 13212E3587(97403)	EA	1						
X2 O 00105	5305-989-7434	SCREW, MACHINE: PAN HEAD, 10-32 x 1/2 IN. LG	EA	16					4-9	5
X2 O 00114	5310-809-8546	WASHER, FLAT: ROUND, NO. 10	EA	16					4-9	7
X2 O 00118	5310-045-3296	WASHER, LOCK: HELICAL SPRING, NO. 10	EA	16					4-9	6
X2 O 00122	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1 IN. LG	EA	4						

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFR CODE								
X2 O 00124 00125	5310-809-4061	WASHER, FLAT: ROUND, 3/8 IN.  4216 - MISCELLANEOUS WIRING AND FITTINGS	EA	8						
X2 O 00126		CLAMP, CABLE, DOUBLE 13212E3591-4 (97403)	EA	2					4- 10	28
X2 O 00127		CLAMP, CABLE, SINGLE 13212E3612 (97403)	EA	1					4- 10	24
X2 O 00128	5340-526-2559	CLAMP, CUSHIONED: 1/8 IN. ID MS21919-2 (96906)	EA	2					4- 10	33
X2 O 00129	5310-012-0361	NUT, PLAIN, HEXAGON: 10-24 UNC 2B MS35649-102 (96906)	EA	2					4- 10	29
X2 O 00130		NUT, PLAIN, HEXAGON: 3/8-16 UNC 2B FFN836TYPE2 (81348)	EA	1					4- 10	39
X2 O 00131		NUT, PLAIN, HEXAGON: 3/8-16 UNC 2B FFN836TYPE2 (813348)	EA	1					4- 10	56
X2 O 00132		NUT, PLAIN, HEXAGON: JAM, 3/8-16 UNC 2B FFN836TYPE2 (8 348)	EA	2					4- 10	37
X2 O 00133	5310-543-4717	NUT, PLAIN, WING: BRASS, 3/8-16 THD SIZE MS35425-28 (96906)	EA	1					4- 10	40
X2 O 00134	5310-088-1251	NUT, SELF-LOCKING HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2					4 10	21
X2 O 00135	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4					4- 10	25
X2 O 00136	5305-225-3840	SCREW, CAP, HEXAGON HEAD 1/4-20 Y 7/8 IN. LG MS90725-7 (96906)	EA	2					4- 10	23
X2 O 00137	5305-225-3840	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	4					4- 10	27
X2 O 00138	5305-543-4718	SCREW, CAP, HEXAGON HEAD: 3/8-16 3/4 IN. LG MS35309-358 (96906)	EA	1					4- 10	58
X2 O 00139	5305-984-6211	SCREW, MACHINE: PAN HEAD, 10-24 X 5/8 IN. LG MS35206-264 (96906)	EA	2					4- 10	32
X2 O 00140	5307-722-9437	STUD, GROUNDING 13214E1223 (97403)	EA	1					4- 10	35
X2 O 00141	5940-688-6010	TERMINAL, LUG: NO. 6 WIRE, 3/8 IN. STUD MS20659-10 (96906)	EA	3					4- 10	59
X2 O 00142	5310-913-9776	WASHER, LOCK: FLAT 3/8 IN. SIZE MS35335-91 (96906)	EA	2					4- 10	36
X2 O 00143	5310-913-9776	WASHER, LOCK: FLAT 3/8 IN. SIZE MS35335-91 (96906)	EA	1					4- 10	57
X2 O 00144	5310-187-2413	WASHER, FLAT: ELECTRICAL, BRASS, 3/8 IN. AN961-616T (88044)	EA	4					4- 10	38
X2 O 00145	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4					4- 10	22
X2 O 00146	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8					4- 10	26
X2 O 00147	5310-809-8546	WASHER, FLAT: NO 10 BSC SIZE MS27183-8 (96906)	EA	4					4- 10	31
X2 O 00148	5310-045-3296	WASHER, LOCK: NO. 10 SIZE MS35338-43 (96906)	EA	2					4- 10	30

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00001		PART IV- PU620/M												
		REPAIR PARTS FOR DS, GS AND DEPOT MAINTENANCE												
00002		GROUP 15 - FRAME												
00003		1501 - FRAME ASSEMBLY												
X2D R 00004	2330-898-6780	CHASSIS TRAILER: M116A1 13214E1201 (97403)	EA	1									4- 10	1
00005		1507 - LEVELING JACKS												
X2 O 00006	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	3									4- 10	42
X2 O 00007	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	3									4- 10	44
O O 00008	2590-00-420-8929	TRAILER LEG PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	2	*	*	2	10	10	4- 10	41
X2 O 00009	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183015 (96906)	EA	6									4- 10	43
00010		GROUP 18 - BODY												
00011		1810-CARGO BODY												
X2D R 00012		BODY, TRAILER 13214E1202	EA	1									4- 10	2
X2 O 00013	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	34									4- 10	3
X2 O 00014	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	34									4- 10	5
X2 D 00015		SHIM (AS REQUIRED) 13214E1494(97403)	EA										4- 11	1
X2 O 00016	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	68									4- 10	4
00017		GROUP 22 - BODY ACCESSORY ITEMS												
00018		2201 - CANVAS ITEMS												
P O R 00019	2540-926-0993	TARPAULIN 13214E1219	EA	1	*	*	2	*	*	2	10	10	4- 11	29
X2 O 00020	5340-057-6956	BUCKLE, SPRING ACTION MS51929-2 (96906)	EA	8										
X2 O 00021		CHAPE ASSEMBLY 13214E192 (97403)	EA	12										
X2 O 00022	5340-078-7029	CLIP, END, STRAP MS51027-30 (96906)	EA	20										
X2 O 00023		DEE RING MS51925-8 (96906)	EA	14										
X2 O 00024		TEE HOOK 13214E1497 (97403)	EA	22										
00025		22-2 - ACCESSORY ITEMS												
O O 00026	2910-066-1235	ADAPTER ASSEMBLY, FUEL DRUM 13211E7541 (97403)	EA	2	*	*	2	*	*	2	10	10	4- 11	6

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00027	2510-706-4504	BOW, TRAILER TARPULIN 13214E1218 (97403)	EA	4								4- 11	30	
X2 O 00028		BRACKET ASSEMBLY LIQUID CONTAINER, 5 GALLON MS53052 (96906)	EA	6								4- 10	45	
X2 O 00029	5340-999-6277	BRACKET ASSEMBLY, SLEDGE HAMMER 13214E1214 (97403)	EA	1								4- 11	14	
X2 O 00030	7240-222-3088	CAN, GASOLINE: MILITARY, 5 GALLON MILC1283 (81349)	EA	6								4- 10	47	
X2 O 00031	2590-932-7298	CLAMP, GROUND ROD 13212E3617-1 (97403)	EA	4								4- 11	10	
X2 O 00032	5340-914-2578	CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1								4- 11	18	
X2 O 00033	7240-920-5327	HOLDER, FUEL DRUM ADAPTER 13212E3553-1 (97403)	EA	2								4- 11	2	
X2 O 00034	5310-080-8495	NUT, PLAIN, WING: 1/4-20 UNC, 2B MS35425-39 (96906)	EA	2								4- 10	51	
X2 O 00035	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	8								4- 11	23	
X2 O 00036	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4								4- 11	22	
12 O 00037	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	24								4- 10	46	
12 O 00038	5310-984-3806	NUT, SELF-LOCKING: 5/16-18 UNC MS51922-9 (96906)	EA	4								4- 11	3	
X2 O 00039	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	8								4- 11	7	
X2 O 00040	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2								4- 11	11	
X2 O 00041	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	1								4- 11	15	
X2 O 00042		PLATE, FRONT, SHIELD 13214E1217-1 (97403)	EA	4								4- 10	50	
X2 O 00043	9905-202-3639	REFLECTOR, INDICATING, AMBER MS35387-2 (96906)	EA	2								4- 11	26	
X2 O 00044	9905-205-2795	REFLECTOR, INDICATING CLEARANCE, RED MS35387-1 (96906)	EA	4								4- 11	22	
X2 O 00045	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	8								4- 11	21	
X2 O 00046	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	4								4- 11	25	
X2 O 00047	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 IN. LG MS90725-60 (96906)	EA	24								4- 10	48	
12 O 00048	5305-071-2237	SCREW, CAP, HEXAGON HEAD: 1/4-20 1 2 IN. LG MS90725-14 (96906)	EA	2								4- 10	54	
X2 O 00049	5306-225-8497	SCREW, CAP, HEXAGON HEAD: 5/16-18 X 3/4 in. lg MS90725-32 (96906)	EA	4								4- 11	5	
X2 O 00050	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	2								4- 11	13	

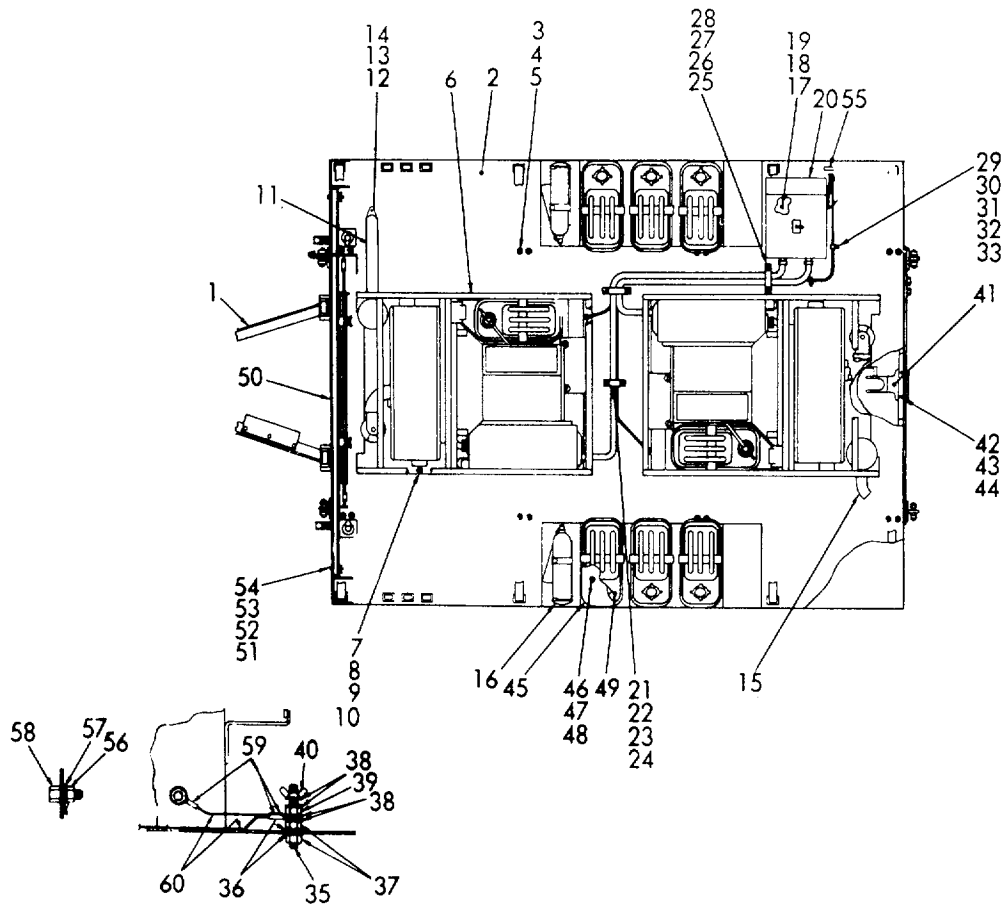
(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00051	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 5/8 IN. LG MS90725-5 (96906)	EA	1									4- 11	17
X2 O 00052	5305-958-5246	SCREW, MACHINE: 1/4-20 x 3/4 IN. LG MS35190-289 (96906)	EA	8									4- 11	9
X2 O 00053	5310-8094058	WASHER, FLAT: 1/4 IN. BSC MS27183-10 (96906)	EA	16									4- 11	20
X2 O 00054	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8									4- 11	24
X2 O 00055	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	48									4- 10	47
X2 O 00056	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4									4- 10	53
X2 O 00057	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	8									4- 11	4
X2 O 00058	5310-8094058	WASHER, FLAT: ROUND, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8									4- 11	8
X2 O 00059	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4									4- 11	12
X2 O 00060	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS2713-10 (96906)	EA	2									4- 11	16
X2 O 00061	5310-042-6758	WASHER, LOCK: 1/4 IN. SIZE MS35338-82 (96906)	EA	2									4- 10	52
00062		2210--DATA PLATES												
X2 O 00063		PLATE, IDENTIFICATION: GROUND TERMINAL 13295E4918 (97403)	EA	1									4- 10	55
XS O 00064		PLATE, IDENTIFICATION: PU620/M 13205E4916-4 (97403)	EA	1									4- 11	28
00065		GROUP 29-AUXILIARY GENERATOR AND ENGINE												
00066		2901-GENERATOR AND ENGINE ASSEMBLY												
X2F R 00067	6115-017-8240	GENERATOR SET: SF 5.0 MD MILG52279 (81349)	EA	2									4- 10	6
X2 F 00068	5310-225-6993	NUT, SELF-LOCKING: 1/2-13 UNC MS51922-33 (96906)	EA	8									4- 10	7
X2 F 00069	5305-071-1769	SCREW, CAP, HEXAGON HEAD: 1/2-13 x 2 IN. LG MS90725-115 (96906)	EA	8									4- 10	10
X2 F 00070	5310-520-3091	WASHER, BEVELED 13206E4482-2 (97403)	EA	8									4- 10	9
X2 F 00071	5310-809-5998	WASHER, FLAT, 1/2 IN. ID x 1-1/2 IN. OD MS27183-18 (96906)	EA	8									4- 10	8
X2 O 00073	6115-947-3335	2941-ENGINE EXHAUST EXHAUST, TUBE 13214E1487 (97403)	EA	1									4- 10	11
X2 O 00074	6115-947-3331	EXHAUST, TUBE 13214E1486 (97403)	EA	1									4- 10	15
X2 O 00075	5310-088-1251	NUT, SELF-LOCKING MS51922-1 (96906)	EA	2									4- 10	12

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00076	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2									4- 10	14
X2 O 00077	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4									4- 10	13
00078		GROUP 42 - ELECTRICAL EQUIPMENT												
00079		4202 - ELECTRICAL CONTROLS												
P F 00080	6110-913-9275	DISTRIBUTION BOX 13212E3601 (97403)	EA	1	*	*	*	*	*	*	2	2	4- 10	20
X2 F 00081	6115-104-4550	BOX 13212E3602 (97403)	EA	1									4- 9	18
X2 F 00082	6115-948-7169	CABLE 13212E3607 (97403)	EA	1									4- 9	16
X2 F 00083	6115-948-7170	CABLE 13212E3608 (97403)	EA	1									4- 9	17
X2 F 00084		CABLE 13216E7479 (97403)	EA	2										
X2 F 00085		COVER 13212E3603 (97403)	EA	1									4- 9	1
X2 F 00086		GASKET 13212E3610 (97403)	EA	1									4- 9	19
M F 00087		LEAD, ELECTRICAL 13212E609-1 (97403) MANUFACTURE FROM:	EA	1									4- 9	11
P F 00088	6145-284-0656	WIRE, ELECTRICAL: 600V AIRCRAFT, A16, MIL-3-5-5086	FT											
M F 00089		LEAD, ELECTRICAL 13212E3609-3 (97403) MANUFACTURE FROM:	EA	1									4- 9	13
P F 00090	6145-284-0656	WIRE, ELECTRICAL: 600V AIRCRAFT, AN6, MIL-W-5086	FT											
M F 00091		LEAD, ELECTRICAL 13212E3609-2 (97403) MANUFACTURE FROM:	EA	1									4- 9	12
P F 00092	6145-284-0656	WIRE, ELECTRICAL: 600V AIRCRAFT, AN6, MIL-W-5086	FT											
P F 00093		LEAD, ELECTRICAL 13216Z7476 (97403)	EA	1										
X2 F 00094		LIGHT AND WIRE: 12 IN. LG 13212E3581-1 (97403)	EA	2									4- 9	2
X2 F 00095		NUT, PLAIN, HEXAGON: JAM, 1/4-20 TBD SIZE MS16203-37 (96906)	EA	8									4- 9	25
X2 F 00096	5310-924-4218	NUT, PLAIN, HEXAGON: 1/4-28 TED SIZE	EA	9									4- 9	28
X2 F 00097	5310-934-9758	NUT, PLAIN, HEXAGON: MACHINE SCREW	EA	6									4- 9	27
X2 O 00098	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE	EA	4										
X2 F 00099	5330-802-5905	PACKING, PREFORMED: O RING MS28775-132 (96906)	EA	2									4- 9	14
X2 F 00100	5330-579-8108	PACKING, PREFORMED: O RING M28775-111 (96906)	EA	1								9	4- 9	31
X2 F 00101	5330-684-3420	PACKING, PREFORMED: O RING MS28775-013 (96906)	EA	4									4- 9	4



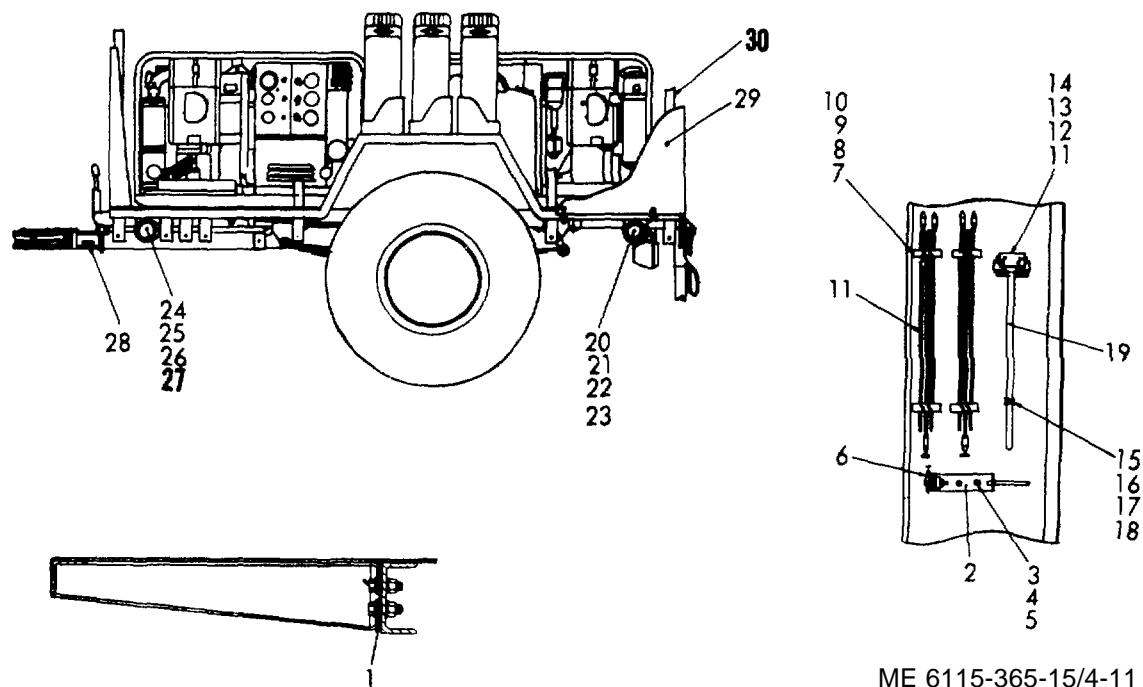
(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00102	5305-984-6214	PLATE, INFORMATION: WIRING DIAGRAM 13212E3587 (97403)	EA	1										
X2 F 00103		SCREW, MACHINE: PAN HEAD	EA	6									4- 9	22
X2 F 00104		SCREW, MACHINE: PAN HEAD 1/4-28 x 7/16 IN. LG MS35215-68 (96906)	EA	9									4- 9	10
X2 O 00105	5305-989-7434	SCREW, MACHINE: PAN HEAD, 10-32 x 1/2 IN. LG	EA	16									4- 9	5
X2 F 00106	5305-984-5695	SCREW, MACHINE PAN HEAD, 3/8-16 x 2 IN. LG	EA	4									4- 9	3
X2 F 00107	5930-829-3243	STUFFING TUBE 13212E3583-20 (97403)	EA	2									4- 9	15
P F 00108		SWITCH, ROTARY: 60 AMP 13205E5023(97403)	EA	1	*	*	*	*	*	*	2	2	4- 9	30
X2 F 00109		TERMINAL, BOARD 13212E3606(97403)	EA	1									4- 9	20
X2 F 00110	5940-904-9634	TERMINAL, LOAD 13208E5820-6 (97403)	EA	4									4- 9	21
X2 F 00111	5940-660-3631	TERMINAL, LUG: SIZE 6 STUD, 1/4 IN. (AS REQUIRED) MS25036-20 (96906)	EA											
X2 F 00112		TERMINAL, LUG: 18-22 STUD, 1/4 IN.	EA	4										
X2 F 00113	5310-809-8546	WASHER, FLAT ROUND, NO. 10	EA	12									4- 9	23
X2 O 00114	5310-809-8546	WASHER, FLAT' ROUND, NO. 10	EA	16									4- 9	7
X2 F 00115	5310-080-6004	WASHER, FLAT: ROUND, 3/8 IN.	EA	8									4- 9	8
X2 F 00116	5310-045-3296	WASHER, LOCK: FLAT, EXTERNAL TOOTH, 1/41 IN. MS35335-89 (96906)	EA	9									4- 9	29
X2 F 00117		WASHER, LOCK: HELICAL SPRING, NO. 10	EA	6										
X2 O 00118		WASHER. LOCK: HELICAL SPRING, NO. 10	EA	16									4- 9	6
X2 F 00119	5310-184-8970	WASHER, LOCK: HELICAL SPRING	EA	8									4- 9	24
X2 F 00120	5310-022-8834	WASHER, LOCK: FLAT, INTERNAL TOOTH, 1/4 IN.	EA	4									4- 9	26
X2 F 00121	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE	EA	4									4- 9	9
X2 O 00122	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1 IN. LG	EA	4										
X2 F 00123	5310-809-4061	STRAP, CABLE ADJUSTER: 1-1/2 IN. MAXIMUM BINDING SIZE MS17821-1-0 (96906)	EA	1										
X2 O 00124		WASHER, FLAT: ROUND, 3/8 IN.	EA	8										
X2 O 00125		4216-MISCELLANEOUS WIRING AND FITTINGS												
X2 O 00126		CLAMP, CABLE, DOUBLE 13212E3591-4 (97403)	EA	2									4- 10	28
X2 O 00127		CLAMP, CABLE, SINGLE 13212E3612(97403)	EA	1									4- 10	24

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00128	5340-526-2559	CLAMP, CUSHIONED: 1/8 IN. ID MS21919-2 (96906)	EA	2									4- 10	33
X2 O 00129	5310-012-0361	NUT, PLAIN, HEXAGON: No. 10-24 UNC 2B MS35649-102 (96906)	EA	2									4- 10	29
X2 O 00130		NUT, PLAIN, HEXAGON: 3/8-16 UNC 2B FFN836TYPE2 (81348)	EA	1									4- 10	39
X2 O 00131		NUT, PLAIN, HEXAGON: 3/8-16 UNC 2B FFN836TYPE2 (81348)	EA	1									4- 10	56
X2 O 00132		NUT, PLAIN, HEXAGON: JAM, 3/8-16 UNC 2B FFN836TYPE2 (81348)	EA	2									4- 10	37
X2 O 00133	5310-543-4717	NUT, PLAIN, WING: BRASS, 3/8-16 THD SIZE MS35425-28 (96906)	EA	1									4- 10	40
X2 O 00134	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2									4- 10	21
X2 O 00135	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4									4- 10	25
X2 O 00136	5305-225-3840	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	2									4- 10	23
X2 O 00137	5305-225-3840	SCREW, CAP, HEXAGON READ: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	4									4- 10	27
X2 O 00138	5305-543-4718	SCREW, CAP, HEXAGON HEAD 3/8-16 3/4 IN. LG MS35309-358 (96906)	EA	1									4- 10	58
X2 O 00139	5305-984-6211	SCREW, MACHINE: PAN HEAD, No. 10-24 X 5/8 IN. LG MS35206-264 (96906)	EA	2									4- 10	32
X2 O 00140	5307-722-9437	STUD, GROUNDING 13214E1223 (97403)	EA	1									4- 10	35
X2 O 00141	5940-688-6010	TERMINAL, LUG: No. 6 WIRE, 3/8 IN. STUD MS20659-10 (96906)	EA	3									4- 10	59
X2 O 00142	5310-913-9776	WASHER, LOCK: FLAT 3/8 IN. SIZE MS35335-91 (96906)	EA	2									4- 10	36
X2 O 00143	5310-913-9776	WASHER, LOCK: FLAT 3/8 IN. SIZE MS35335-91 (96906)	EA	1									4- 10	57
X2 O 00144	5310-187-2413	WASHER, FLAT: ELECTRICAL, BRASS, 3/8 IN. AN961-616T (88044)	EA	4									4- 10	38
X2 O 00145	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10	EA	4									4- 10	22
X2 O 00146	5310-809-4058	WASHER, FLAT: 1/4 in. BSC SIZE MS27183-10 (96906)	EA	8									4- 10	26
X2 O 00147	5310-809-8546	WASHER, FLAT: No. 10 BSC SIZE MS27183-8 (96906)	EA	4									4- 10	31
X2 O 00148	5310-045-3296	WASHER, LOCK: No. 10 SCREW SIZE MS35338-43 (96906)	EA	2									4- 10	30
P F 00149	6145-395-8799	WIRE, ELECTRIC, UNINSULATED No. 6 AWG QQW343TYPERB	FT	15	*	*	*	*	*	*	*	*	4- 10	60



ME 6115-365-15/4-10 C3

Figure 4-10. PU-620/M Power unit.



ME 6115-365-15/4-11 C3

Figure 4-11. PU-620/M accessories.

## CHAPTER 5

### GENERATOR SETS PU-406/M and PU-402/M

#### Section I. DESCRIPTION AND DATA

##### 5-1. Description

*a. General.* A 30-kw, 60-cycle, diesel engine driven generator, capable of supplying 25-kw, 50 cycle power, mounted on an M-200A1 trailer (modified), comprise a self-contained mobile unit referred to as Trailer-Mounted Generator Set, PU-406/M. Refer to figures 5-1 and 5-2. A 15-kw, 60 cycle, diesel engine-driven generator, capable of supplying 12.5-kw, 50-cycle power, mounted on a M-200A1 trailer, comprise a self-contained mobile unit referred to as Trailer-Mounted Generator Set, PU-402/M.

*b. Function.* PU-406/M is a mobile power plant and may be used to supply power to any system requiring a 30-kw, 60-cycle current PU-402/M is a mobile power source capable of furnishing 15-kw, 60-cycle current.

*Note.* The only difference between the PU-406/M and PU-402/M generator sets is in the output. The sets are similar to each other in appearance.

*d. Generator and Engine.* For description and further operation and maintenance information on the PU-406/M generator and engine not covered in this chapter, refer to TM 5-6115-321-15. For PU-402/M, refer to applicable TM for generator set used. (See DA PAM 310-4).

*e. Trailer.* For description and maintenance information on the M-200A1 trailer, refer to TM 9-230-205-14.

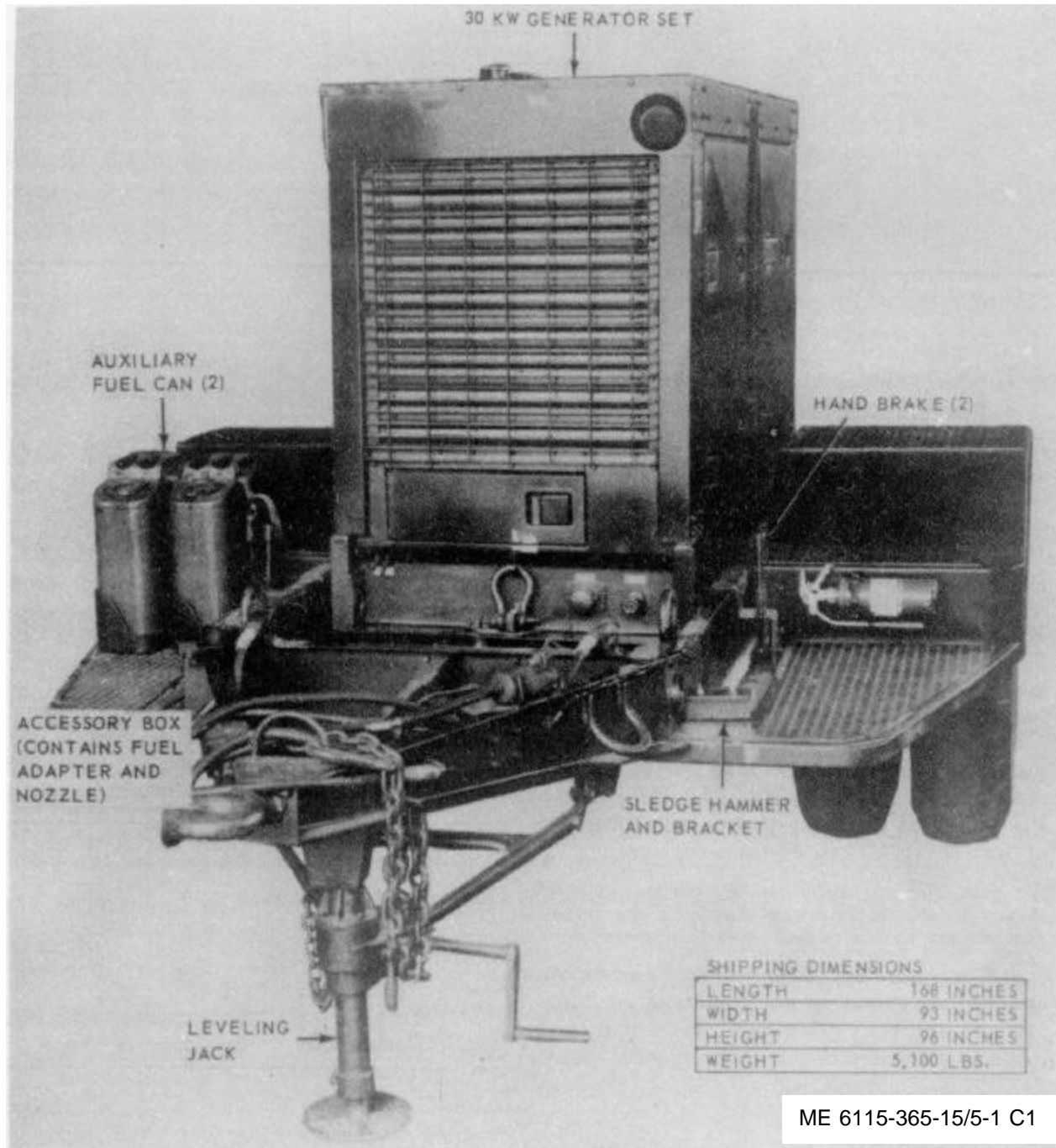
*f. Lubrication.* Refer to LO 9-2330-205-14 for lubrication information required on the M-200A1 trailer.

##### 5-2. Tabulated Data

Table 5-1 lists the components that comprise PU-406/M and PU-402/M.

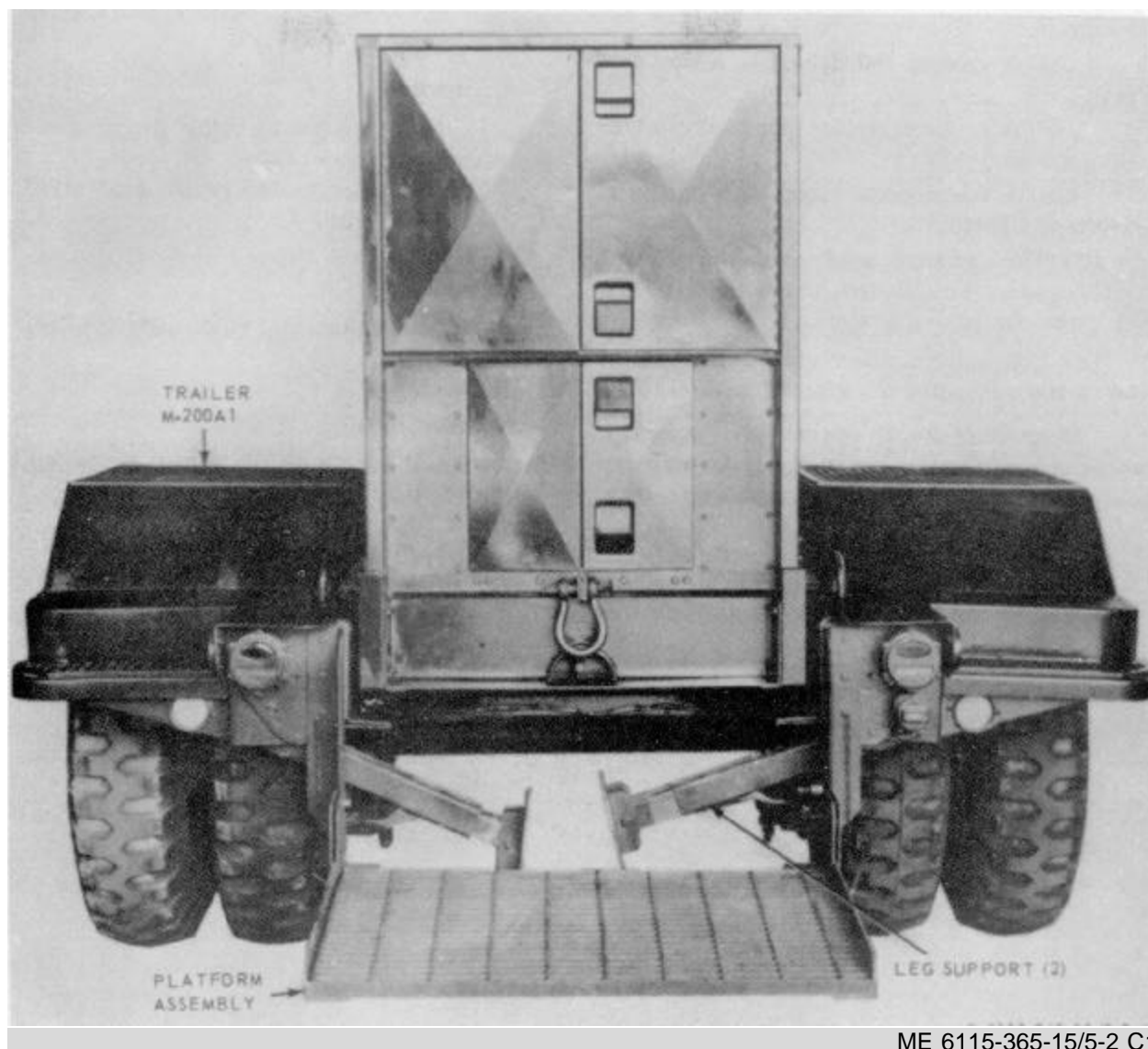
*Table 5-1. PU-406/M and PU-402/M Components.*

Fan	Qty	Nomenclature
2330-331-2307	1	Trailer: M-200A1
6115-077-8600	1	Generator set: 30 kw, DED (PU-406/M)
6115-317-4919	1	Generator set: 15 kw, DED (PU-402/M)
7240-222-3088	2	Can, gasoline, military 5-gallon
4210-555-8837	1	Fire extinguisher
5975-878-3791	2	Ground rod (w/attachments)
5120-251-4489	1	Sledge hammer



ME 6115-365-15/5-1 C1

Figure 5-1. PU-406M, left front, 3/4 view.



ME 6115-365-15/5-2 C1

Figure 5-2. PU-406/M, rear view.

## Section II. OPERATING INSTRUCTIONS

### 5-3. Setting-Up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator set to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate the handbrakes at weekly intervals to assure freedom of linkage.

(3) Pull leg supports down and adjust length for firm contact with ground.

#### Warning

**Wheels must be blocked, brakes set, and leg supports down in support position before operating the equipment.**

#### b. Grounding.

#### Warning

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

(1) The generator set must be grounded prior to operation. The ground may be any of

three methods, depending on the location and the terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq. ft.) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground stud.

**Warning**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

**5-4. Starting**

a. Perform the pre-starting procedures described in paragraph 5-3.

b. Start the generator set as instructed in TM 5-6115-321-12.

**5-5. Stopping**

Stop the generator set as instructed in TM 5-6115-321-12.

**5-6. Operation**

Operate the generator set as instructed in TM 5-6115-321-12.

**Section III. DIRECT AND GENERAL SUPPORT AND DEPOT  
MAINTENANCE INSTRUCTIONS**

**5-7. Generator Set**

a. *Removal.* Remove the generator set from the trailer as illustrated in figure 5-3.

b. *Installation.* Install the generator set as illustrated in figure 5-3.



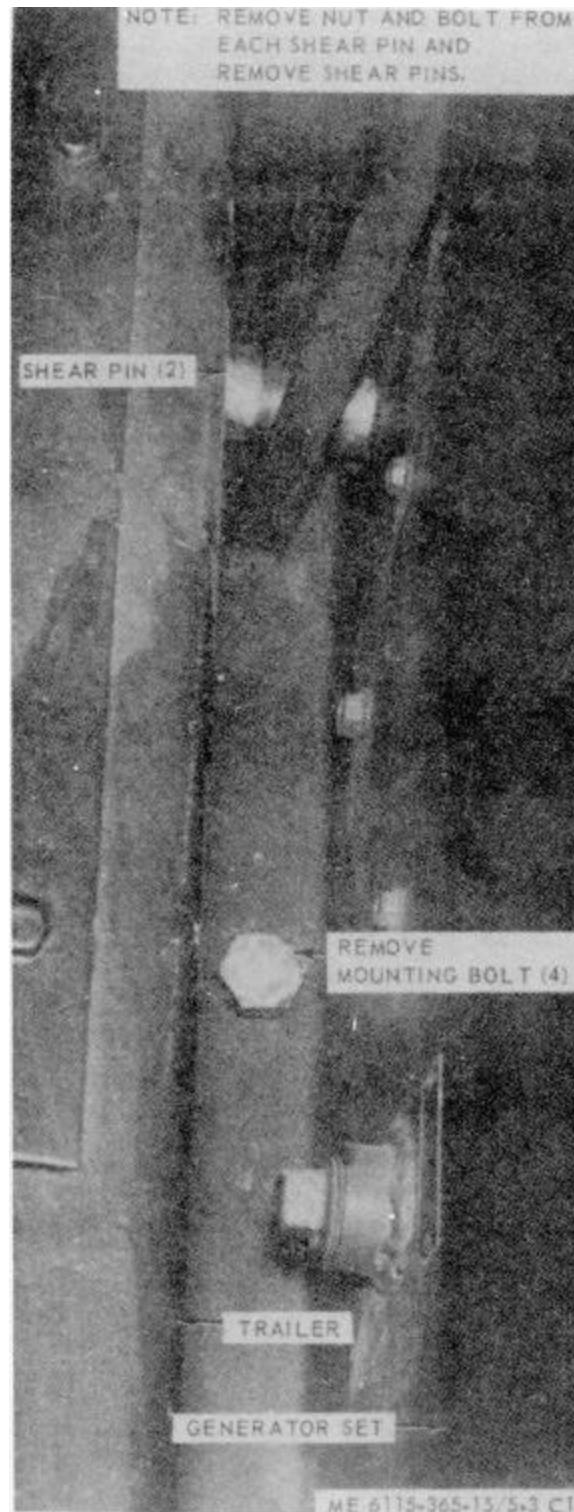


Figure 5-3. Generator set, removal and installation.

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
		PART I								
		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
00001		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS								
00002		1501 - FRAME ASSEMBLY								
X2 O		BRACKET ASSEMBLY: liquid count, 5 gal	EA	2						
00003		MS53052-1 (96906)								
X2 O		BRACKET ASSEMBLY: sledge hammer	EA	1						
00004		13214E1214 (97403)								
X2 O		BRACKET FIRE EXTINGUISHER: 5 lb	EA	1						
00005		13214E1235 (97403)								
X2 O		CLIP SPRING	EA	1						
00006		13214E1213-1 (97403)								
X2 O		NUT, PLAIN, HEXAGON: jam, 3/8-16 n/mag	EA	3						
00007		MS16203-39 (96906)								
X2 O		NUT, PLAIN, WING: brass, 3/8-16	EA	1						
00008		MS35425-28 (96906)								
X2 O		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	1						
00009		MS51922-1 (96906)								
X2 O		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2						
00010		MS51922-1 (96906)								
X2 O		NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	4						
00011		MS51922-17 (96906)								
X2 O		NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	8						
00012		MS51922-17 (96906)								
X2 O		NUT, SELF-LOCKING, HEXAGON: 5/16-18	EA	2						
00013		MS51922-9 (96906)								
X2 O		PIN, SHEAR	EA	2						
00014		13214E1254-1 (97403)								
X2 O		SCREW, CAP HEXAGON HEAD: 1/4-20 x 3/4, lg	EA	2						
00015		MS90725-6 (96906)								
X2 O		SCREW, CAP, HEXAGON HEAD: 1/6-20 x 3/4, lg	EA	1						
00016		MS90725-6 (96906)								
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 7/8, lg	EA	8						
00017		MS90725-59 (96906)								
X2 O		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 2-1/4	EA	2						
00018		MS90725-41 (96906)								
X2 O		SCREW, MACHINE, PAN HEAD: 3/8-16 x 1, lg	EA	4						
00019		MS35206-311 (96906)								
X2 O		STUD, GROUND	EA	1						
00020		13214E1223 (97403)								
X2 O		WASHER, FLAT, ELECTRIC: brass, 3/8, size	EA	4						
00021		AN961-616T (88044)								
X2 O		WASHER, FLAT: round, 1/4 BSC, size	EA	1						
00022		MS27183-10 (96906)								
X2 O		WASHER, FLAT: round, 1/4 BSC, size	EA	2						
00023		MS27183-10 (96906)								
X2 O		WASHER, FLAT: round, 3/8 BSC, size	EA	4						
00024		MS27183-14 (96906)								
X2 O		WASHER, FLAT: round, 3/8 BSC, size	EA	8						
00025		MS27183-14 (96906)								
X2 O		WASHER, FLAT: round, 5/16	EA	2						
00026		MS27183-13 196906)								

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00027		WASHER, LOCK, FLAT: external tooth, 3/8 MS35335-91 (96906)	EA	2						
00028		GROUP 18 - BODY, CAB, HOOD AND HULL								
00029		1808 - BOXES, CARRYING CASES								
X2 O 00030		ACCESSORY BOX 13214E1256 (97403)	EA	1						
X2 O 00031		NUT, SELF-LOCKING, HEXAGON:5/16-18 MS51922-9 (96906)	EA	3						
X2 O 00032		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 1, lg MS90725-34 (96906)	EA	3						
X2 O 00033		WASHER, FLAT: round, 5/16, screw size MS27183-13 (96906)	EA	3						
00034		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS								
00035		2202 - ACCESSORY ITEM								
P C 00036	2910-066-1235	ADAPTER ASSEMBLY: fuel drum 13211E7541 (97403)	EA	1	*	*	*	*		
O O 00037	7240-222-3088	CAN, GASOLINE, MILITARY: 5 gal MILC1283 (81349)	EA	2	*	*	*	*		
P C 00038	5120-203-4656	HAMMER HAND: double face GGG14-86TYPEK (81348)	EA	1	*	*	*	*		
P C 00039	5975-878-3791	ROD, GROUND ASSEMBLY MILR11461TYPE (81349)	EA	2	*	*	*	*		
X2 O 00040		SPOUT CAN: flexible MILS1285 (81349)	EA	1						
00041		2210 - DATA PLATES								
X2 O 00042		PLATE, IDENTIFICATION, GENERATOR SET 1320534916-9 (97403)	EA	1						
X2 O 00043		PLATE, IDENTIFICATION GROUND 13205E4918 (97403)	EA	1						
00044		GROUP 40 - ELECTRIC MOTORS AND GENERATORS								
00045		4000 - GENERATOR ASSEMBLY								
X2 O 00046		BOLT, MACHINE: 5/8-18 x 1-41/64, lg AN10-14A (88044)	EA	4						
X2 O 00047		NUT, SELF-LOCKING, HEXAGON: 5/8-18 MS51922-53 (96906)	EA	4						
X2 O 00048		SPACER, GENERATOR MOUNTING 13212E3554 (97403)	EA	4						
X2 O 00049		WASHER, FLAT: round, 5/8, screw size MS27183-22 (96906)	EA	4						
00050		4019 - RADIO INTERFERENCE SUPPRESSION								
M O 00051		WIRE, ELECTRIC: uninsulated, copper, 6 AWG, 6 ft QQW343TYPE (81348)	FT	1						
X2 O 00052		MANUFACTURE FRPM: TERMINAL, LUG: Type 1, cylinder, No. 6-3/8 MS20659-110 (96906)	EA	1						
O O 00053		WIRE, ELECTRIC: uninsulated, copper, 6 AWG (As required) QQW343TYPE (81348)	FT			SEE	GRP	9501		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
00054	4210-270-4572	GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS	EA	1						
00055		7638 - PORTABLE FOR FIGHTING EQUIPMENT (INCLUDES FOR FIRE EXTINGUISHER)								
P C 00056		EXTINGUISHER, FIRE CO, 25 lb 0E910TYPEI (81348)			*	*	*	*		
00057		GROUP 95 - GENERAL USE STANDARDIZED PARTS								
00058		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMB								
O O 00059		WIRE, ELECTRICAL: uninsulated, Copper, 6 AWG QQ343TYPEPBCLASS1 (81348)			*	*	*	*		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
		PART II								
		REPAIR PARTS FOR DS, GS, AND DEPOT MAINTENANCE								
00001		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS								
00002		1501 - FRAME ASSEMBLY								
X2 O 00003		BRACKET ASSEMBLY: liquid count, 5 gal MS53052-1 (96906)	EA	2						
X2 O 00004		BRACKET ASSEMBLY: sledge hammer 13214E1214 (97403)	EA	1						
X2 3 00005		BRACKET FIRE EXTINGUISHER: 5 lb 13214E1235 (97403)	EA	1						
X2 O 00006		CLIP SPRING 13214E1213-1 (97403)	EA	1						
X2 O 00007		NUT, PLAIN, HEXAGON: Jam, 3/8-16 n/mag MS16203-39 (96906)	EA	3						
X2 O 00008		NUT, PLAIN, WING: brass, 3/8-16 MS35425-28 (96906)	EA	1						
X2 O 00009		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	1						
X2 O 00010		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2						
X2 O 00011		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	4						
X2 O 00012		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (969065)	EA	8						
X2 O 00013		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	2						
X2 O 00014		PIN, SHEAR 13214S1254-1 (97403)	EA	2						
X2 O 00015		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg MS90725-6 (96906)	EA	2						
X2 O 00016		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4, lg MS90725-6 (96906)	EA	1						
X2 O 00017		SCREW, CAP, HEXAGON HEAD: 3/8-16 X 7/8, lg MS90725-59 (96906)	EA	8						
X2 O 00018		SCREW, CAP, HEXAGON HEAD: 5/16-18 X 2-1/4 MS90725-41 (96906)	EA	2						
X2 O 00019		SCREW, MACHINE, PAN HEAD: 3/8-16 X 1, lg MS35206-311 (96906)	EA	4						
X2 O 00020		STUD, GROUND 13214E1223 (97403)	EA	1						
X2 O 00021		WASHER, FLAT, ELECTRIC: brass, 3/8, size AN961-616T (88044)	EA	4						
X2 O 00022		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	1						
X2 O 00023		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	2						
X2 O 00024		WASHER, FLAT: round, 3/8 BSC, size MS27183-14 (96906)	EA	4						

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00025		WASHER, FLAT: round, 3/8 BSC, size MS27183-14 (96906)	EA	8										
X2 O 00026		WASHER, FLAT: round, 5/16 MS27183-13 (96906)	EA	2										
X2 O 00027		WASHER, LOCK, FLAT: external tooth, 3/8 MS35335-91 (96906)	EA	2										
00028		GROUP 18 - BODY, CAB, HOOD AND NULL												
00029		1808 - BOXES, CARRYING CASES												
X2 O 00030		ACCESSORY BOX 13214E1256 (97403)	EA	1										
X2 O 00031		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	3										
X2 O 00032		SCREW, CAP, HEXAGON HEAD: 5/16-18 X 1, lg MS90725-34 (96906)	EA	3										
X2 O 00033		WASHER, FLAT: round, 5/16, screw size MS27183-13 (96906)	EA	3										
00034		1810 - CARGO BODY												
X2 DR 00035		TRAILER 13214E1257 (97403)	EA	1										
00036		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS												
00037		2202 - ACCESSORY ITEMS												
P C 00038	2910-066-1235	ADAPTER ASSEMBLY: fuel drum 13211E7541 (97403)	EA	1	*	*	2	*	*	2	10	10		
O O 00039	7240-222-3088	CAN, GASOLINE, MILITARY: 5 gal MIL-C-1283 (81349)	EA	2	*	*	2	*	*	2	10	10		
P C 00040	5120-203-4656	HAMMER HAND: double face GGG-14-86TYPEX (81348)	EA	1	*	*	2	*	*	2	10	10		
P C 00041	5975-878-3791	ROD GROUND ASSEMBLY MIL-R-11461TYPE (81349)	EA	2	*	*	2	*	*	2	10	10		
X2 O 00042		SPOUT CAN: flexible MIL-S-1285 (81349)	EA	1										
00043		2210 - DATA PLATES												
X2 O 00044		PLATE, IDENTIFICATION, GENERATOR SET 13205E4916-9 (97403)	EA	1										
X2 O 00045		PLATE, IDENTIFICATION GROUND 13205E4918 (97403)	EA	1										
00046		GROUP 40 - ELECTRIC MOTORS AND GENERATORS												
00047		4000 - GENERATOR ASSEMBLY												
X2 O 00048		BOLT, MACHINE: 5/8-18 X 1-41/64, lg AN10-14A (88044)	EA	4										
X2 FR 00049	6115-935-5111	GENERATOR SET, DIESEL: 30KW, 60HZ, skid MIL-G-52147TYPE (81349)	EA	1										
X2 O 00050		NUT, SELF-LOCKING, HEXAGON: 5/8-18 MS51922-53 (96906)	EA	4										
X2 O 00051		SPACER, GENERATOR MOUNTING 13212E3554 (97403)	EA	4										
X2 O 00052		WASHER, FLAT: round, 5/8, screw size MS27183-22 (96906)	EA	4										

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE			1-YR ALW PER 100 EQUIP CNTGY	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG. NO.	(b) ITEM NO.
00053	4210-270-4572	4019 - RADIO INTERFERENCE SUPPRESSION													
M 0 00054		WIRE, ELECTRIC: uninsulated, copper, 6 AWG, 6 ft QQ-W343TYPE (81348) MANUFACTURE FROM:	FT	1											
X2 O 00055		TERMINAL, LUG: type 1, cylinder, No. 6-3/8 MS20659-110 (96906)	EA	1											
O O 00056		WIRE, ELECTRIC: uninsulated, copper, 6 AWG (As required) QQ-W-343TYPE (81348)	FT					SEE	GRP	9501					
00057		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS													
00058		7638 - PORTABLE FIRE FIGHTING EQUIPMENT (INCLUDES FOR FIRE EXTINGUISHER)													
P C 00059		EXTINGUISHER, FIRE CO: 25 lb 0-E-910TYPEI (81348)	EA	1	*	*	2	*	b	2	10	10			
00060		GROUP 95 - GENERAL USE STANDARDIZED PARTS													
00061		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON													
O O 00062		WIRE, ELECTRICAL: uninsulated, copper, 6 AWG QQ343TYPEPBCCLASS1 (81348)	FT	*	*	*	*	*	*	*	*	*			

## CHAPTER 6

### GENERATOR SETS PU-409/M AND PU-409A/M

#### Section I. DESCRIPTION AND DATA

##### 6-1. Description

*a. General.* The PU-409A/M is a self-contained, mobile, general purpose power supply (Fig. 6-1). The set is comprised of a 5 KW, Model SF-5.0-MD, Military Standard Generator Set mounted on an M-101-A1 3/4-ton trailer and includes the components listed in table 6-1.

The generator is powered by a directly coupled 2-cylinder 10-horsepower engine (MIL-STD Model 2A042-II).

*b. Difference in Models.* PU-409/M uses a liquid cooled gasoline engine-driven generator.

PU-409A/M uses a Military Standard air-cooled gasoline engine-driven generator.

*c. Generator.* For description and generator operation and maintenance information not covered in this chapter, refer to TM 5-6115-332-12.

*d. Engine.* For description and engine main-

tenance not covered in this chapter, refer to TM 5-2805-258-14.

*e. Trailer.* For description and trailer maintenance not covered in this chapter, refer to TM 9-2330-202-14.

*f. Lubrication.* Refer to LO 9-2330-202-14 and LO 5-2805-258-14 for lubrication information required on PU-409A/M.

##### 6-2. Tabulated Data

Table 6-1 lists the components for PU-409A/M.

Table 6-1. PU-409A/M Components

FSN	Qty	Nomenclature
2330-898-6779	1	Trailer: M101-A1
6115-017-8240	1	Generator: 5 KW, Model SF-5.0MD
2590-420-8929	1	Leg prop assembly, trailer
2910-066-1235	2	Adapter assembly, fuel drum
7240-222-3088	6	Can, gasoline, military 5-gallon
4210-555-8837	1	Fire extinguisher
5975-878-3791	2	Ground rod w/attachments
5120-265-7462	1	Sledge hammer



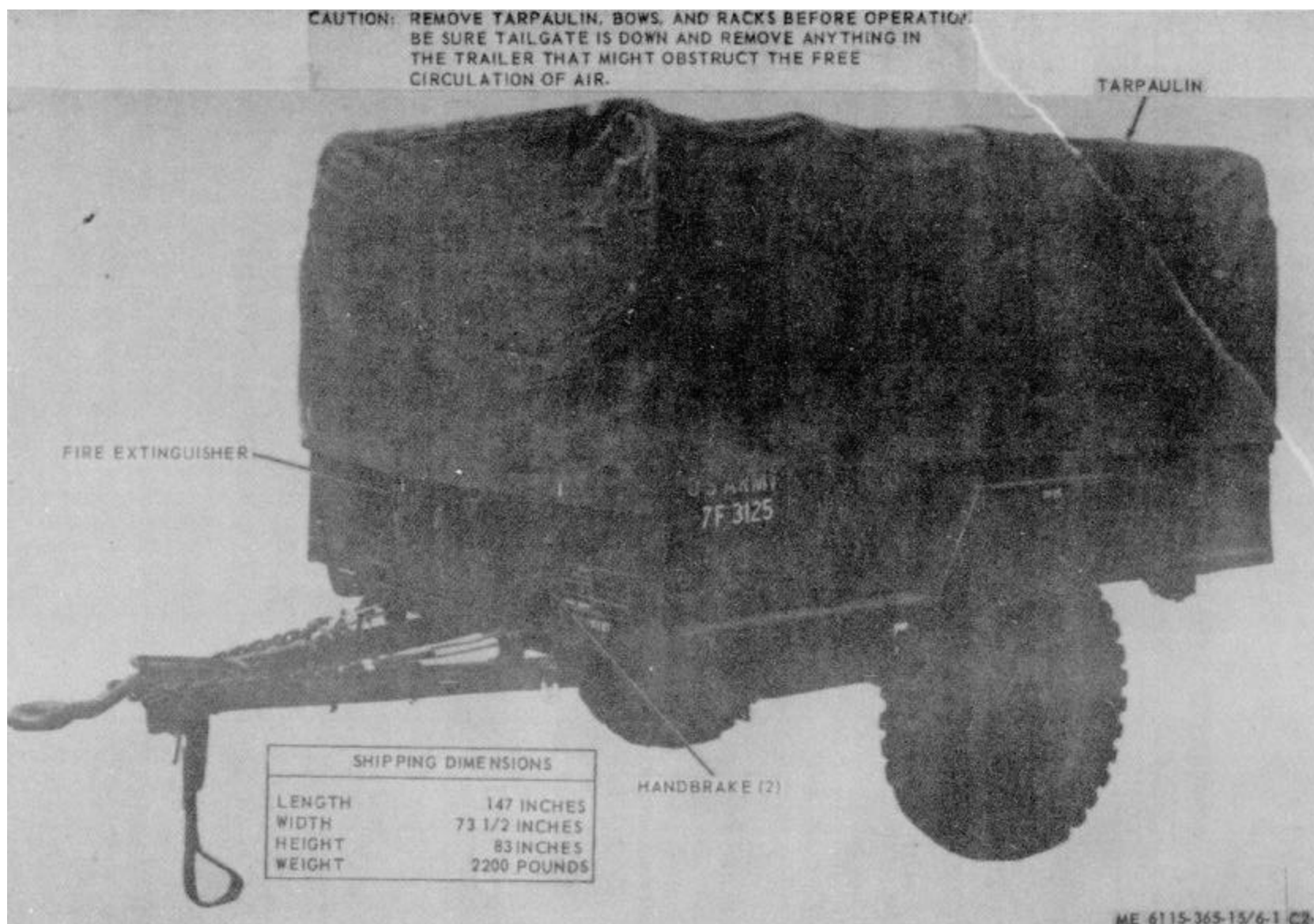


Figure 6-1. PU409A/M, right front, 3/4 view.

## Section II. OPERATING INSTRUCTIONS

### 6-3. Setting-up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator set to operate as efficiently as possible.

(2) Set brakes and block wheels securely to prevent any movement. Operate handbrake at weekly intervals to insure freedom of linkage.

(3) Pull leg prop down and adjust length for firm contact with ground.

#### **WARNING**

**Wheels must be blocked, brakes set, and leg prop down in the support position before attempting to roll up the tarpaulin and before starting to assemble or set up the equipment for operation.**

#### b. Preparation for Starting.

(1) Remove the canvas tarpaulin and remove the roof bows and racks as shown in figure 6-2.

(2) Open the trailer tailgate and remove all loose auxiliary items and anything else that might block the free circulation of air through the trailer and around the generator sets.

#### **CAUTION**

**It is of foremost importance that there be free circulation of air around the generator sets at all times during operation.**

#### **WARNING**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

#### c. Grounding.

#### **WARNING**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and the terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 square ft.) buried to a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the trailer ground terminal stud as shown in figure 6-3.

### 6-4. Starting

a. Perform pre-starting and setting-up procedures (para 6-3).

b. Start the generator as instructed in TM 5-6115-332-12.

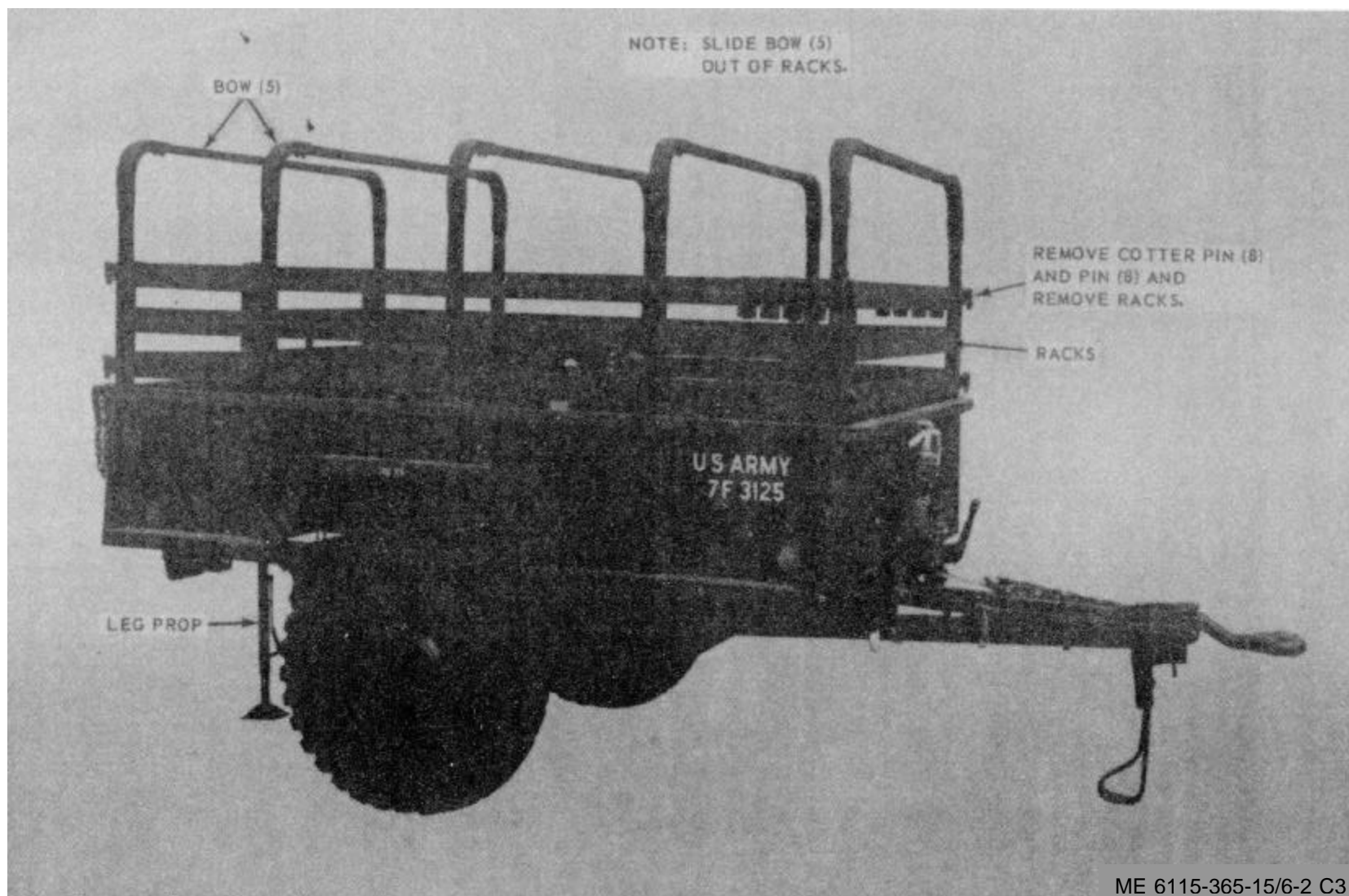
### 6-5. Stopping

Stop the generator set as instructed in TM 5-6115-332-12.

### 6-6. Operation

a. Operate the generator set as instructed in TM 5-6115-332-12.

b. Perform the fuel transfer procedure as instructed in figure 6-4.



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Figure 6-2. Roof bows and racks, removal and installation.

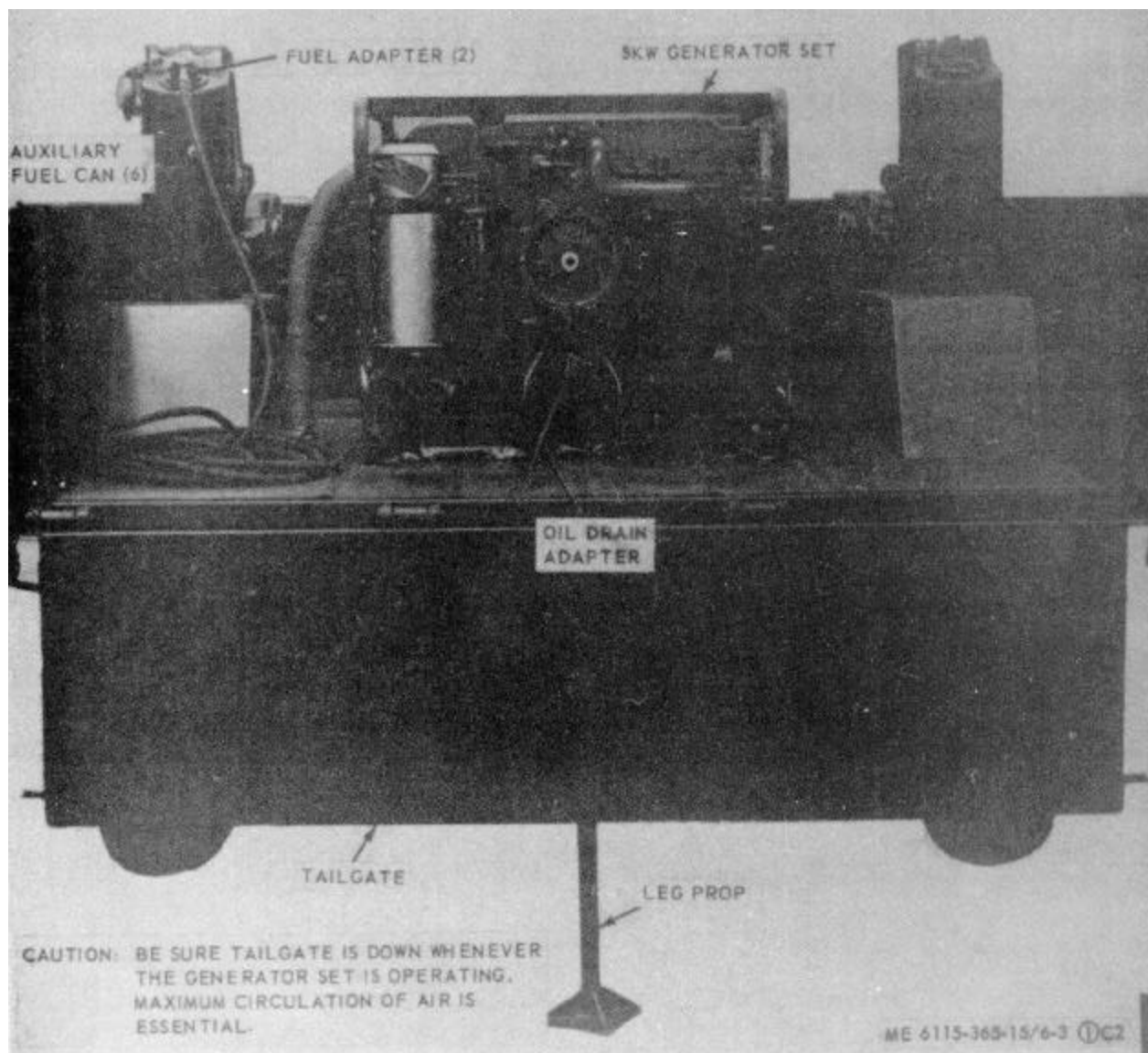


Figure 6-3. PU-409A/M set up for operation (sheet 1 of 2).

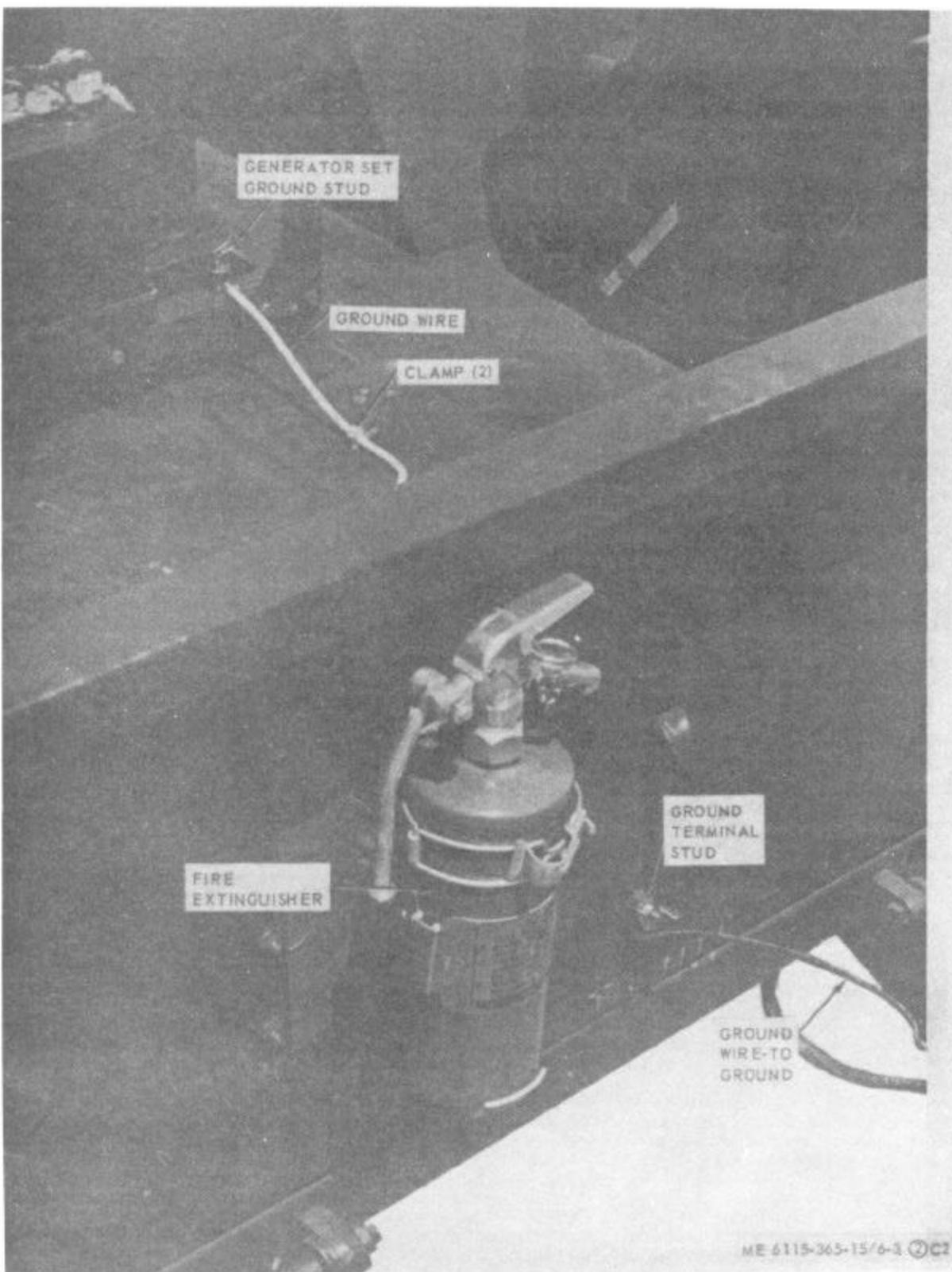
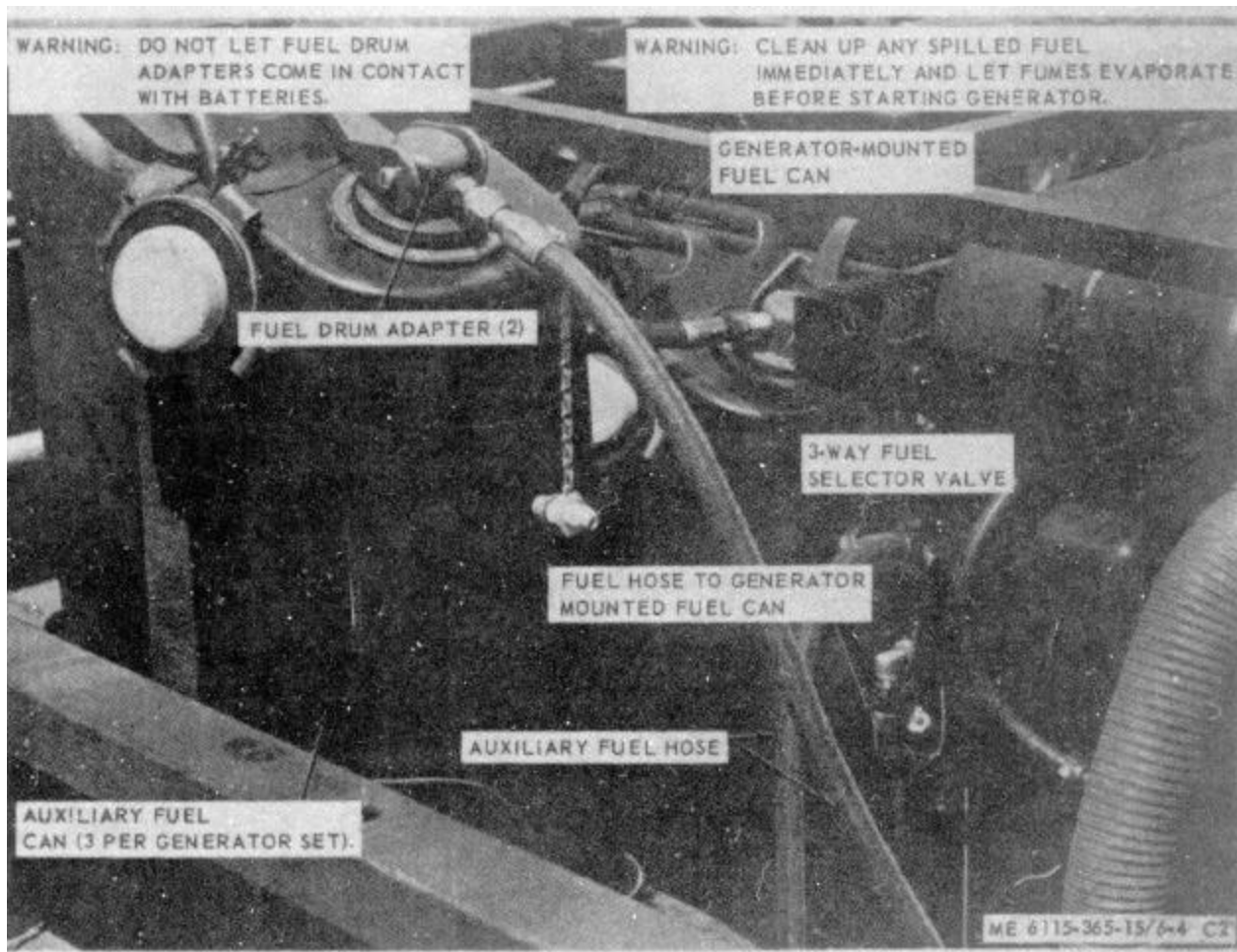


Figure 6-3. PU-409A/M set up for operation (sheet 2 of 2).



**FUEL SYSTEM OPERATION:**

1. CONNECT THE TWO FUEL HOSES TO THE 3-WAY SELECTOR VALVE AND CONNECT THE OTHER ENDS TO THE ADAPTERS IN THE GENERATOR-MOUNTED FUEL CAN AND ONE OF THE AUXILIARY FUEL CANS.
2. POSITION THE SELECTOR VALVE TO DRAW FUEL FROM THE GENERATOR-MOUNTED FUEL CAN. START THE GENERATOR AND BRING IT UP TO OPERATING SPEED.
3. POSITION THE SELECTOR VALVE TO DRAW FUEL FROM THE AUXILIARY FUEL CAN. OPERATE THE GENERATOR FOR ABOUT 4 HOURS ON THE AUXILIARY FUEL CAN; THEN TURN THE SELECTOR VALVE TO DRAW FUEL FROM THE GENERATOR-MOUNTED FUEL CAN.
4. SWITCH THE ADAPTER TO ANOTHER AUXILIARY FUEL CAN AND TURN SELECTOR VALVE BACK TO AUXILIARY FUEL SUPPLY POSITION.

**NOTE:**

**THIS PROCEDURE PERMITS LONGER OPERATION BETWEEN REFUELING PERIODS**

*Figure 6-4. Fuel system connection and transfer procedure.*

### Section III. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

#### 6-7. Ground Wires and Terminal Stud

*a. Removal.* Remove the ground wires from the terminal stud and generator set as shown in figure 6-3.

*b. Installation.* Install the ground wires and terminal stud as shown in figure 6-3.

#### 6-8. Tarpaulin, Roof Bows, Racks, and Leg Prop

*a. Removal.*

(1) Remove the tarpaulin from the unit.

(2) Remove the roof bows and racks as shown in figure 6-2.

(3) Remove the hardware that secures the leg prop to the rear underside of the trailer bed and remove the leg prop.

*b. Cleaning and Inspection.*

(1) Clean tarpaulin, bows, and racks with water and detergent. Clean leg prop with approved cleaning solvent and dry thoroughly.

(2) Inspect tarpaulin for tears, holes, and broken or missing ropes and straps, and other defects. Inspect bows, racks, and leg prop for cracks, bends, missing pins, and other defects.

*c. Installation.*

(1) Mount leg prop to the underside of the trailer and secure with mounting hardware.

(2) Install racks and roof bows as shown in figure 6-2.

(3) Install tarpaulin and secure in desired position.

### Section IV. DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE INSTRUCTIONS

#### 6-9. Generator Set

*a. Removal.* Using figure 6-5 as a guide, perform the following steps:

(1) Disconnect fuel lines.

(2) Disconnect electrical leads and cables.

(3) Disconnect oil drain adapters.

(4) Remove the 4 bolts that secure the generator set to the trailer bed and remove the generator set.

*b. Installation.* Using figure 6-5 as a guide, perform the following steps:

(1) Secure the generator set to the trailer bed with four bolts.

(2) Connect the oil drain adapter.

(3) Connect the electrical leads and cables.

(4) Connect the fuel lines.

#### 6-10. Tarpaulin, Roof Bows, Racks, and Leg Prop

*a. Removal.* Remove the tarpaulin, roof bows, racks, and leg prop (para 6-8).

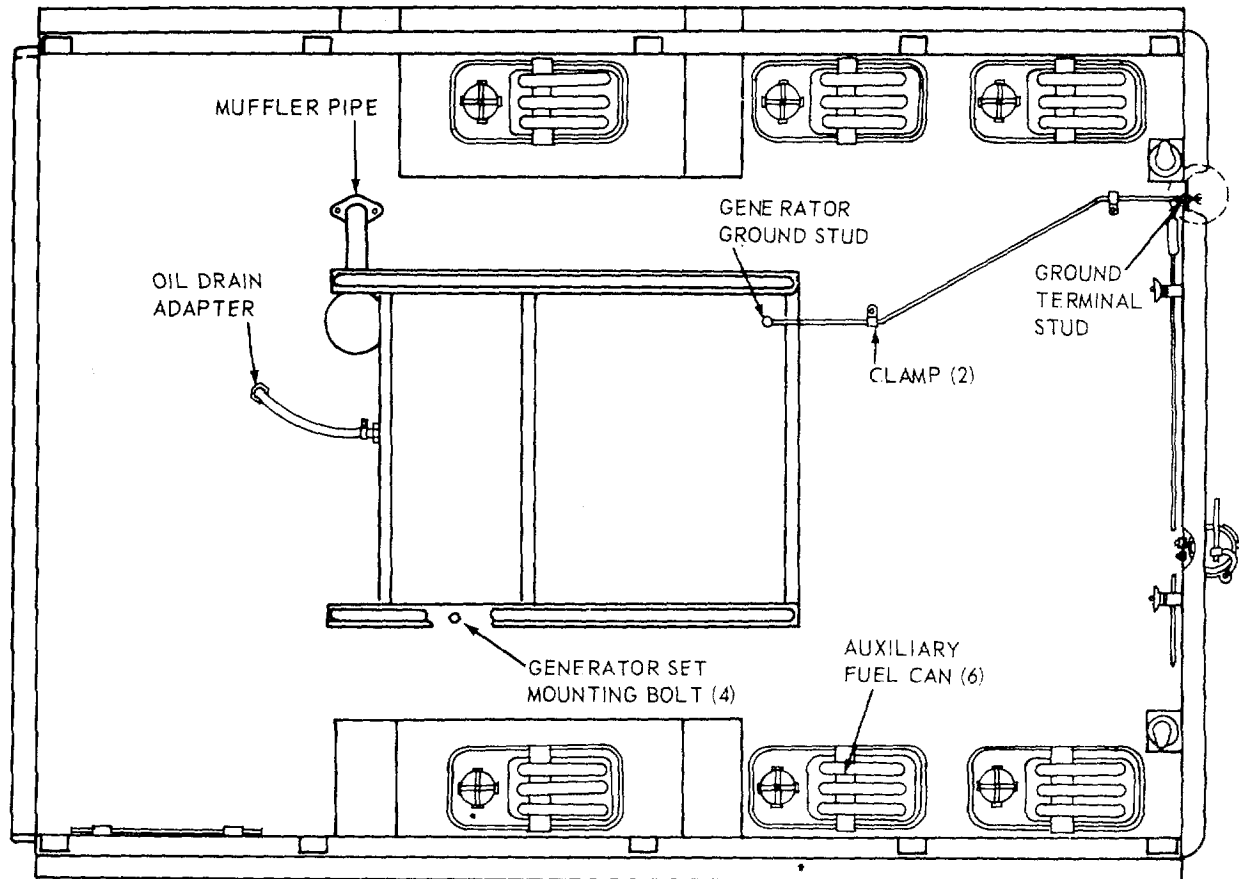
*b. Repair.*

(1) Patch or sew rips and tears in the tarpaulin. Replace damaged or missing straps or ropes. Replace a tarpaulin that is too badly damaged to be repaired.

(2) Weld minor cracks or breaks in the bows and leg prop. Straighten bent bows where possible. Replace defective or missing pins and hardware. Replace bows, racks, or leg prop that are damaged beyond repair.

*c. Installation.* Install racks, roof bows, and leg prop and install tarpaulin (para 6-8).





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Figure 6-5. Overall component location diagram.



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFR CODE								
		PART I								
		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
00001		GROUP 01 - ENGINE								
00002		0106 - ENGINE LUBRICATION SYSTEM								
X2 O 00003 M O 00004		CLAMP, HOSE: low pressure, 2 in. max od MS35842-12 (96906) HOSE, FUEL, RUBBER: 875 in x 12 lg SAEJ30CL30R2 (81343)	EA	2					6-7	11
P O 00005 X2 O 00006 X2 O 00007 X2 O 00008 X2 O 00009	4730-684-6032	MANUFACTURE FROM: HOSE, RUBBER (12 in. required)	EA	1					6-7	12
			FT			SEE	GRP	9501		
		NIPPLE, PIPE, THREADED: 1/2 x 2-1/2 WWN351TYPE1 (81348)	EA	1					6-7	13
		NUT, PLAIN, HEXAGON TUBE: 5/8 x 7/8-14 AN924-10 (88044)	EA	1					6-7	9
	4730-277-6447	UNION, FLARED BULKHEAD AND UNIVERSAL FITTING AN832-10 (88044)	EA	1					6-7	14
		WASHER, LOCK, SPLIT HELICAL: 7/8 nominal size MS35338-52 (96906)	EA	1					6-7	10
00010		GROUP 04 - EXHAUST SYSTEM								
00011		0401 - MUFFLER AND PIPES								
X2 O 00012	6115-947-3335	EXHAUST, TUBE 13214E1487 (97403)	EA	1					6-6	1
00013		GROUP 15 - FRAME, TOWING ATTACHMENTS AND DRAWBARS								
00014		1501 - FRAME ASSEMBLY								
P O 00015 X2 O 00016 X2 O 00017 X2 O 00018 X2 O 00019 X2 O 00020 X2 O 00021 X2 O 00022 X2 O 00023 X2 O 00024 X2 O 00025 X2 O 00026 X2 O 00027	2590-473-633	BRACKET ASSEMBLY MS53052-1 (96906)	EA	6	*	*	*	*	6-6	6
	5340-999-6277	BRACKET ASSEMBLY, HAMMER MOUNTING 13214E1214 (97403)	EA	1					6-7	33
	2590-932-7298	CLAMP, GROUND ROD: 1.64 hole, spc 13212E3617-1 (97403)	EA	4					6-7	1
		CLAMP, LOOP: 3/16 nominal tube, od MS2110403 (96906)	EA	2					6-6	12
	5340-914-2578	CLIP, SPRING, HAMMER, MOUNTING 13214E1213-1 (97403)	EA	1					6-7	26
		HOLDER, FUEL ADAPTER 13211E4889-1 (97403)	EA	4					6-7	15
	7240-920-5327	HOLDER, FUEL DRUM ADAPTER 13212E3553-1 (97403)	EA	2					6-7	23
		NUT, PLAIN, HEXAGON: machine, No. 6-32 MS35649-264 (96906)	EA	8					6-7	19
		NUT, PLAIN, HEXAGON: non-mag, 3/8-16 MS16203-27 (90905)	EA	1					6-7	39
		NUT, PLAIN, HEXAGON: non-mag, 3/8-16 MS16203-39 (96906)	EA	2					6-7	37
		NUT, PLAIN, HEXAGON: screw, No. 10-24 MS35649-202 (96906)	EA	2					6-6	10
		NUT, PLAIN, WING: 3/8-16, brass MS35425-28 (96906)	EA	1					6-7	35
		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96306)	EA	1					6-7	29

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFR CODE								
X2 O 00028		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2					6-7	32
X2 O 00029		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2					6-6	2
X2 O 00030		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	8					6-7	4
X2 O 00031		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922- 17 (96906)	EA	24					6-7	42
X2 O 00032		NUT, SELF-LOCKING: 5/16-18 MS51922-9 (96906)	EA	4					6-7	22
X2 O 00033		PLATE, IDENTIFICATION: PU-409A/M 13205E4916-12 (97403)	EA	1					6-6	11
X2 O 00034		SCREW, CAP, HEXAGON HEAD: 1/4-20 MS90725-6 (96906)	EA	1					6-7	27
X2 O 00035		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 lg MS90725-8 (96906)	EA	2					6-6	4
X2 O 00036		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 lg MS90725-6 (96906)	EA	2					6-7	3C
X2 O 00037		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 7/8 lg MS90725-59 (96906)	EA	24					6-7	41
X2 O 00038		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 3/4 lg MS90725-32 (96906)	EA	4					6-7	20
X2 O 00039		SCREW, MACHINE: flat head, 1/4-20 x 7/8 lg MS35190-290 (96906)	EA	8					6-7	2
X2 O 00040		SCREW, MACHINE: pan head, 10-24 x 5/8 in. lg MS35206-264 (96906)	EA	2					6-6	7
X2 O 00041		SCREW, MACHINE: pan head, No. 6-32 x 1/2 MS35206-230 (96906)	EA	8					6-7	16
X2 O 00042		STUD, GROUNDING: 3/8-16 x 2-1/2 lg 13214E1223 (97403)	EA	1					6-7	34
X2 O 00043		WASHER, FLAT, ELECTRIC: brass, 3/8 id AN961-616T (88044)	EA	4					6-7	36
X2 O 00044		WASHER, FLAT, ROUND MS27183-15 (96906)	EA	24					6-7	43
X2 O 00045		WASHER, FLAT, ROUND: 10-24 nominal size MS27183-8 (96906)	EA	4					6-6	8
X2 O 00046		WASHER, FLAT, ROUND: 1/4 nominal size MS27183-10 (96906)	EA	2					6-6	3
X2 O 00047		WASHER, FLAT, ROUND: 1/4 id nominal size MS27183-10 (96906)	EA	4					6-7	31
X2 O 00048		WASHER, FLAT, ROUND: 1/4 nominal size MS27183-10 (96906)	EA	4					6-7	28
X2 O 00049		WASHER, FLAT, ROUND: 1/4 id nominal size MS27183-10 (96906)	EA	8					6-7	3
X2 O 00050		WASHER, FLAT, ROUND: 5/16 nominal size MS27183-12 (96906)	EA	8					6-7	21
X2 O 00051		WASHER, FLAT, ROUND: 6-32 nominal size MS27183-6 (96906)	EA	8					6-7	17
X2 O 00052		WASHER, LOCK: flat, internal tooth, 3/8 MS35333-110 (96906)	EA	3					6-7	38
X2 O 00053		WASHER, LOCK, SPLIT HELICAL: No. 10 MS35336-43 (96906)	EA	2					6-6	9

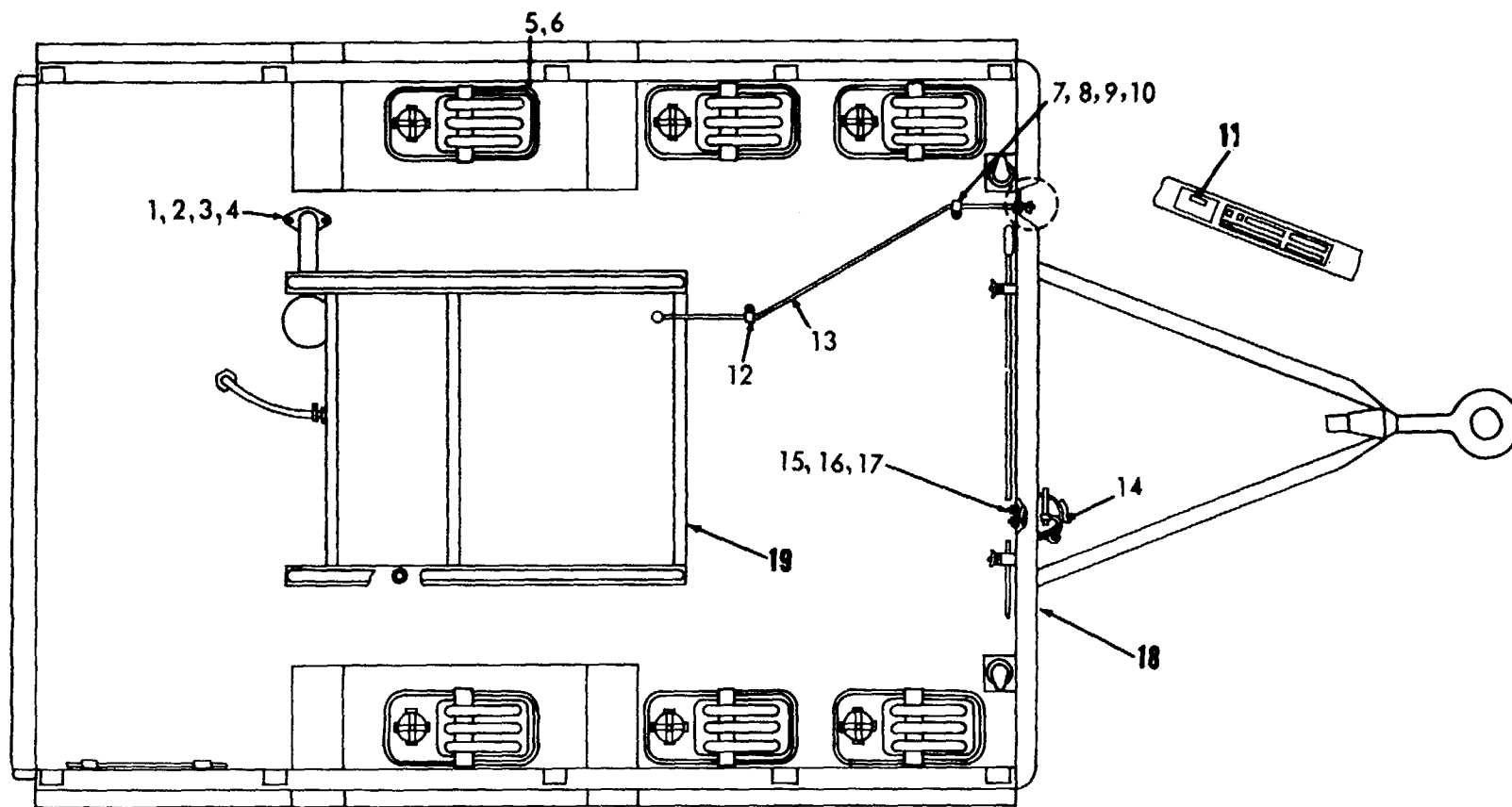
(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
X2 O 00054		WASHER, LOCK: split helical, No. 6 nominal size MS35338-41 (96906)	EA	8					6-7	18
00055		1507 - LANDING GEAR, LEVELING JACKS								
X2 O 00056	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	3					6-7	45
X2 O 00057		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3					6-7	47
P O 00058	2509-420-8929	TRAILER LEG, PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	*	*	6-7	44
X2 O 00059		WASHER, FLAT, ROUND: 3/8 nominal size, id MS27183-15 (96906)	EA	6					6-7	46
00060		GROUP 22 - BODY, CHASSIS OR HULL, AND ACCESSORY ITEMS								
00061		2202 - ACCESSORY ITEMS								
P O 00062	7240-222-3088	CAN, GASOLINE: Military, 5 gallon MILC1283 (81349)	EA	6	*	*	*	*	6-6	5
P C 00063	5120-265-7462	HAMMER HAND: double face, 8 lb GGGH86TYPEX (81348)	EA	1	*	*	*	*	6-7	24
P C 00064	5975-878-3791	ROD, GROUND ASSEMBLY: with attachments MILR11461 (81349)	EA	2	*	*	*	*	6-7	25
00065		GROUP 40 GENERATORS								
00066		4000 - GENERATOR ASSEMBLY								
X2 O 00067		NUT, SELF-LOCKING, HEXAGON: 1/2-13 MS51922-33 (96906)	EA	4					6-7	5
X2 O 00068		SCREW, CAP, HEXAGON HEAD: 1/2-13 x 1-3/8 MS90725-112 (96906)	EA	4					6-7	8
X2 O 00069		SPACER, GENERATOR MOUNTING 13214E1222-4 (97403)	EA	4					6-7	6
X2 O 00070		WASHER, BEVELED 13206E4482-2 (97403)	EA	4					6-7	7
00071		GROUP 42 - ELECTRICAL EQUIPMENT								
00072		4216 - MISCELLANEOUS WIRING AND FITTINGS								
X2 O 00073		TERMINAL, LUG, WIRE: 3/8 stud MS20659-110 (96906)	EA	1					6-7	40
X2 O 00074	6145-395-8799	WIRE, ELECTRIC: 5 ft, copper, uninsulated QQW343TYPERB (81348)	EA	1					6-6	13
00075		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS								
00076		7638 - PORTABLE FIRE FIGHTING EQUIPMENT								
P C 00077	4210-555-8837	EXTINGUISHER, FIRE: 2-3/4 w/bracket MILE52031 (81349)	EA	1	*	*	*	*	6-6	14
X2 O 00078	5310-088-1251	NUT, FIRE EXTINGUISHER: 1/4-20 s/lock MS51922-1 (96906)	EA	4					6-6	17
X2 O 00079	5305-068-0502	SCREW, FIRE EXTINGUISHER MOUNTING: 1/4-20 x 3/4 MS90725-6 (96906)	EA	4					6-6	15
X2 O 00080	5310-809-4058	WASHER, FLAT, FIRE EXTINGUISHER MOUNTING: 1/4 MS27183-10 (96906)	EA	8					6-6	16
00081		GROUP 95 - GENERAL USE STANDARDIZED PARTS								
00082		9501 - HARDWARE SUPPLIES AND BULK MATERIEL, COMMON								
X2 O 00083	4730-684-6032	HOSE, FUEL, RUBBER: 875 id SAEJ30CL30R2 (81343)	FT	AR						
X2 O 00084	6145-395-8799	WIRE, ELECTRIC: copper, No. 6 AWG, uninsulated QQW343TYPERB (81348)	FT	AR						

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
		PART II												
		REPAIR PARTS FOR DS, GS, AND DEPOT MAINTENANCE												
00001		GROUP 01 - ENGINE												
00002		0106 - ENGINE LUBRICATION SYSTEM												
X2 O 00003		CLAMP, HOSE: low pressure, 2 in. max od MS35842-12 (96906)	EA	2									6-7	11
M O 00004		HOSE, FUEL, RUBBER: 875 id x 12 lg SAEJ30CL30R2 (81343)	EA	1									6-7	12
P O 00005	4730-684-6032	MANUFACTURE FROM: HOSE, RUBBER (12 in. lg required)	FT					SEE	GRP	9501				
X2 O 00006		NIPPLE, PIPE, THREADED: 1/2 x 2-1/2 WWN351TYPE1 (81348)	EA	1									6-7	13
X2 O 00007		NUT, PLAIN, HEXAGON TUBE: 5/8 x 7/8-14 AN924-10 (88044)	EA	1									6-7	9
X2 O 00008	4730-277-6447	UNION, FLARED, BULKHEAD AND UNIVERSAL FITTING AN832-10 (88044)	EA	1									6-7	14
X2 O 00009		WASHER, LOCK, SPLIT HELICAL: 7/8 nominal size MS35338-52 (96906)	EA	1									6-7	10
00010		GROUP 04 - EXHAUST SYSTEM												
00011		0401 - MUFFLER AND PIPES												
X2 O 00012	6115-947-3335	EXHAUST, TUBE 13214E1487 (97403)	EA	1									6-6	1
00013		GROUP 15 - FRAME, TOWING ATTACHMENTS AND DRAW BARS												
00014		1501 - FRAME ASSEMBLY												
P O 00015	2590-473-6331	BRACKET ASSEMBLY MS53052-1 (96906)	EA	6	*	*	2	*	*	2	10	10	6-6	6
X2 O 00016	5340-999-6277	BRACKET ASSEMBLY, HAMMER MOUNTING 13214E1214 (97403)	EA	1									6-7	33
X2 O 00017	2590-932-7298	CLAMP, GROUND ROD: 1.64 hole, spc 13212E3617-1 (97403)	EA	4									6-7	1
X2 O 00018		CLAMP, LOOP: 3/16 nominal tube, od MS2110403 (96906)	EA	2									6-6	12
X2 O 00019	5340-914-2578	CLIP, SPRING, HAMMER MOUNTING 13214E1213-1 (97403)	EA	1									6-7	26
X2 O 00020		HOLDER, FUEL ADAPTER 13211E4889-1 (97403)	EA	4									6-7	15
X2 O 00021	7240-920-5327	HOLDER, FUEL DRUM ADAPTER 13212E3553-1 (97403)	EA	2									6-7	23
X2 O 00022		NUT, PLAIN, HEXAGON: machine, No. 6-32 MS35649-264 (96906)	EA	8									6-7	19
X2 O 00023		NUT, PLAIN, HEXAGON: non-mag, 3/8-16 MS16203-27 (96906)	EA	1									6-7	39
X2 O 00024		NUT, PLAIN, HEXAGON: non-mag, 3/8-16 MS16203-39 (96906)	EA	2									6-7	37
X2 O 00025		NUT, PLAIN, HEXAGON: screw, No. 10-24 MS35649-202 (96906)	EA	2									6-6	10

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00026		NUT, PLAIN, WING: 3/8-16, brass MS35425-28 (96906)	EA	1									6-7	35
X2 O 00027		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	1									6-7	29
X2 O 00028		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2									6-7	32
X2 O 00029		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2									6-6	2
X2 O 00030		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	8									6-7	4
X2 O 00031		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	24									6-7	42
X2 O 00032		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	4									6-7	22
X2 O 00033		PLATE, IDENTIFICATION: PU-409A/M 13205E916-12 (97403)	EA	1									6-6	11
X2 O 00034		SCREW, CAP, HEXAGON HEAD: 1/4-20 MS90725-6 (96906)	EA	1									6-7	27
X2 O 00035		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 lg MS90725-8 (96906)	EA	2									6-6	4
X2 O 00036		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 lg MS90725-6 (96906)	EA	2									6-7	30
X2 O 00037		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 7/8 lg MS90725-59 (96906)	EA	24									6-7	41
X2 O 00038		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 3/4 lg MS90725-32 (96906)	EA	4									6-7	20
X2 O 00039		SCREW, MACHINE: flat head, 1/4-20 x 7/8 lg MS35190-290 (96906)	EA	8									6-7	2
X2 O 00040		SCREW, MACHINE: pan head, 10-24 x 5/8 in. lg MS35206-264 (96906)	EA	2									6-6	7
X2 O 00041		SCREW, MACHINE: pan head, No. 6-32 x 1/2 MS35206-230 (96906)	EA	8									6-7	16
X2 O 00042		STUD GROUNDING: 3/8-16 x 2-1/2 lg 13214R1223 (97403)	EA	1									6-7	34
X2 O 00043		WASHER, FLAT, ELECTRIC: brass, 3/8 id AN961- 616T (88044)	EA	4									6-7	36
X2 O 00044		WASHER, FLAT, ROUND MS27183-15 (96906)	EA	24									6-7	43
X2 O 00045		WASHER, FLAT ROUND: 10-24 nominal size MS27183-8 (96906)	EA	4									6-6	8
X2 O 00046		WASHER, FLAT, ROUND: 1/4 nominal size MS27183-10 (96906)	EA	2									6-6	3
X2 O 00047		WASH, FLAT, ROUND: 1/4 id nominal size MS27183-10 (96906)	EA	4									6-7	31
X2 O 00048		WASHER, FAT, ROUND: 1/4 nominal size MS27183-10 (96906)	EA	4									6-7	28
X2 O 00049		WASHER, FLAT, ROUND: 1/4 id nominal size M627183-10 (96906)	EA	8									6-7	3
X2 O 00050		WASHER, FLAT, ROUND: 5/16 nominal size MS27183-12 (96906)	EA	8									6-7	21
X2 O 00051		WASHER, FLAT ROUND: 6-32 nominal size MS27183-6 (96906)	EA	8									6-7	17

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE ON CODE  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00052	5310-045-3296	WASHER, LOCK: flat, internal tooth, 3/8 MS35333-110 (96906)	EA	3									6-7	36
X2 O 00053		WASHER, LOCK, SPLIT HELICAL: No. 10 MS35338-43 (96906)	EA	2									6-6	9
X2 O 00054		WASHER, LOCK: split helical, No. 6 nominal MS35338-41 (96906)	EA	8									6-7	18
00055		1507 - LANDING GEAR, LEVELING JACKS												
X2 O 00056		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	3									6-7	45
X2 O 00057	2509-420-8929	SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3									6-7	47
P O 00058		TRAILER LEG, PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	*	*	*	*	5	2	6-7	44
X2 O 00059		WASHER, FLAT, ROUND: 3/8 nominal size, id MS27183-15 (96906)	EA	6									6-7	46
00060		GROUP 18 - BODY, CAB, HOOD AND HULL												
00061		1810 - CARGO BODY												
X2 DR 00062	2330-898-6779	TRAILER: M101 13214E1225-2 (97403)	EA	1									6-6	18
00063		GROUP 22 - BODY, CHASSIS OR HULL, AND ACCESSORY ITEMS												
00064		2202 - ACCESSORY ITEMS												
P O 00065		CAN, GASOLINE: Military, 5 gallon MILC1283 (81349)	EA	6	*	*	*	*	*	*	10	10	6-6	5
P C 00066		HAMMER, HAND: double face, 8 lb GGGH86TYPEX (81348)	EA	1	*	*	2	*	*	2	10	10	6-7	24
P C 00067	5975-878-3791	ROD, GROUND ASSEMBLY: with attachments MILR11461 (81349)	EA	2	*	*	2	*	*	2	10	10	6-7	25
00068		GROUP 40 - GENERATORS												
00069		4000 - GENERATOR ASSEMBLY												
X2 FR 00070		GENERATOR SET: 5/60 md skid, mtd MILG52279TYPE1 (81349)	EA	1									6-6	19
X2 O 00071		NUT, SELF-LOCKING, HEXAGON: 1/2-13 MS51922-33 (96906)	EA	4									6-7	5
X2 O 00072	6115-017-8240	SCREW, CAP, HEXAGON HEAD: 1/2-13 x 1-3/8 MS90725-112 (96906)	EA	4									6-7	8
X2 O 00073		SPACER, GENERATOR MOUNTING 13214E1222-4 (97403)	EA	4									6-7	6
X2 O 00074		WASHER, BEVELED 13206E4482-2 (97403)	EA	4									6-7	7
00075		GROUP 42 - ELECTRICAL EQUIPMENT												
00076		4216 - MISCELLANEOUS WIRING AND FITTINGS												
X2 O 00077	6145-395-8799	TERMINAL, LUG, WIRE: 3/8 stud MS20659-110 (96906)	EA	1									6-7	40
X2 O 00078		WIRE, ELECTRIC: 5 ft, copper, uninsulated QQW343TYPERB (81348)	EA	1									6-6	13

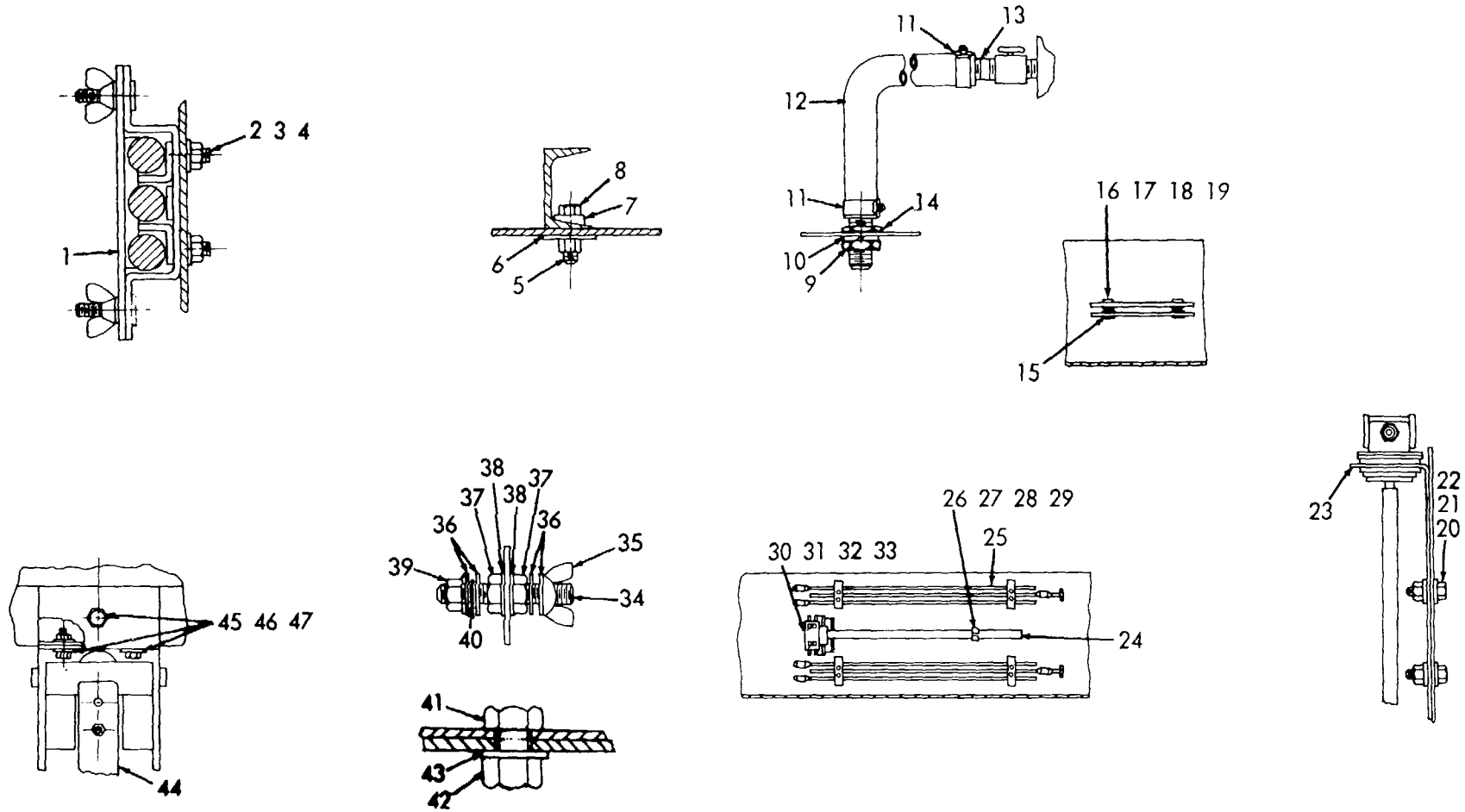
(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
						ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
00079		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS													
00080		7638 - PORTABLE FIRE FIGHTING EQUIPMENT													
P C 00081	4210-555-8837	EXTINGUISHER, FIRE: 2-3/4 w/bracket MILE52031 (81349)	EA	1	*	*	2	*	*	2	10	10	6-6	14	
X2 O 00082	5310-088-1251	NUT, FIRE EXTINGUISHER 1/4-20 s/lock MS51922-1 (96906)	EA	4									6-6	17	
X2 O 00083	5305-068-0502	SCREW, FIRE EXTINGUISHER MOUNTING: 1/4-20 x 3/4 MS90725-6 (96906)	EA	4									6-6	15	
X2 O 00084	5310-809-4058	WASHER, FLAT, FIRE EXTINGUISHER MOUNTING: 1/4 MS27183-10 (96906)	EA	8									6-6	16	
00085		GROUP 95 - GENERAL USE STANDARDIZED PARTS													
00086		9501 - HARDWARE SUPPLIES AND BULK MATERIEL, COMMON													
X2 O 00087	4730-684-6032	HOSE, FUEL, RUBBER: .875 id SAEJ30CL30R2 (81343)	FT	AR											
X2 O 00088	6145-395-8799	WIRE, ELECTRIC: copper, No. 6 AWG, uninsulated QQW343TYPERB (81348)	FT	AR											



ME 6115-365-15/6-6 C2

Figure 6-6. Power unit components.





ME 6115-365-15/6-7 C2

Figure 6-7. Detail components.

## CHAPTER 7

GENERATOR SET PU-236B/G

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## Section I. DESCRIPTION AND DATA

**7-1. Description**

*a. General.* A general purpose, air-cooled, gasoline engine-driven generator, supplying 60-cycle, 5-kw power, mounted on a two-wheeled, box type steel body, 1½-ton capacity, cargo trailer, model M-105E3 comprise a PU-236B/G generator set.

*b. Generator.* For description and further generator information for sets with 5-kw, 60-cycle, model SF5-MD generators, refer to applicable technical manual, as shown on nameplate or in DA Pam 310-4.

*c. Engine.* For description and further generator information for sets using a Military Standard engine

model 2A042-1, refer to applicable technical manual, as shown on nameplate or in DA Pam 310-4.

*d. Trailer.* For description and further trailer information, refer to applicable technical manual, as shown on trailer nameplate or in DA Pam 310-4.

*e. Lubrication.* Lubricate model 2A042-1 Military Standard engine in accordance with instructions outlined in applicable lubrication order, as shown in DA Pam 310-4. Refer to applicable technical manual and applicable lubrication order, as shown in DA Pam 310-4, for trailer lubrication instructions.

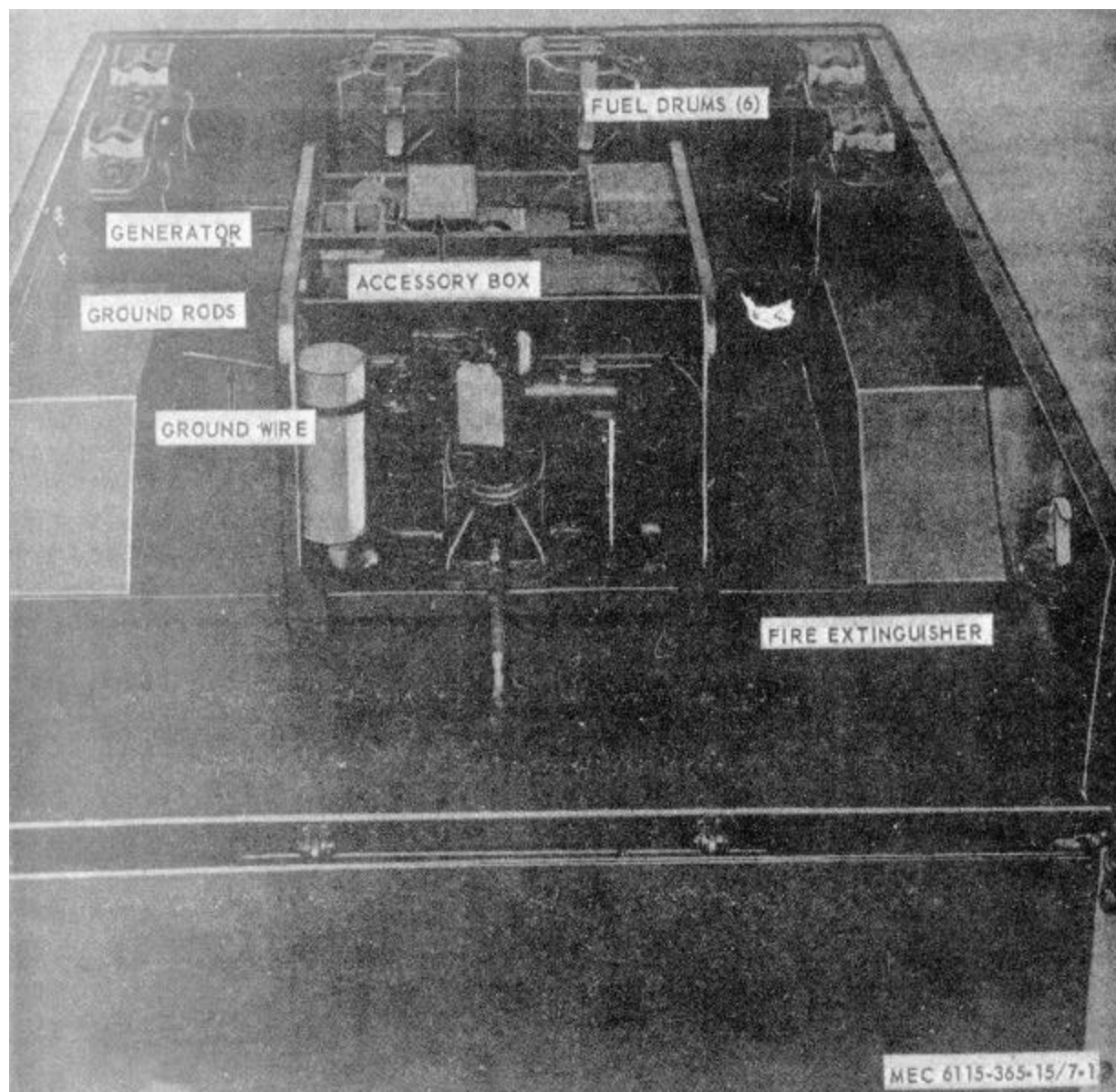


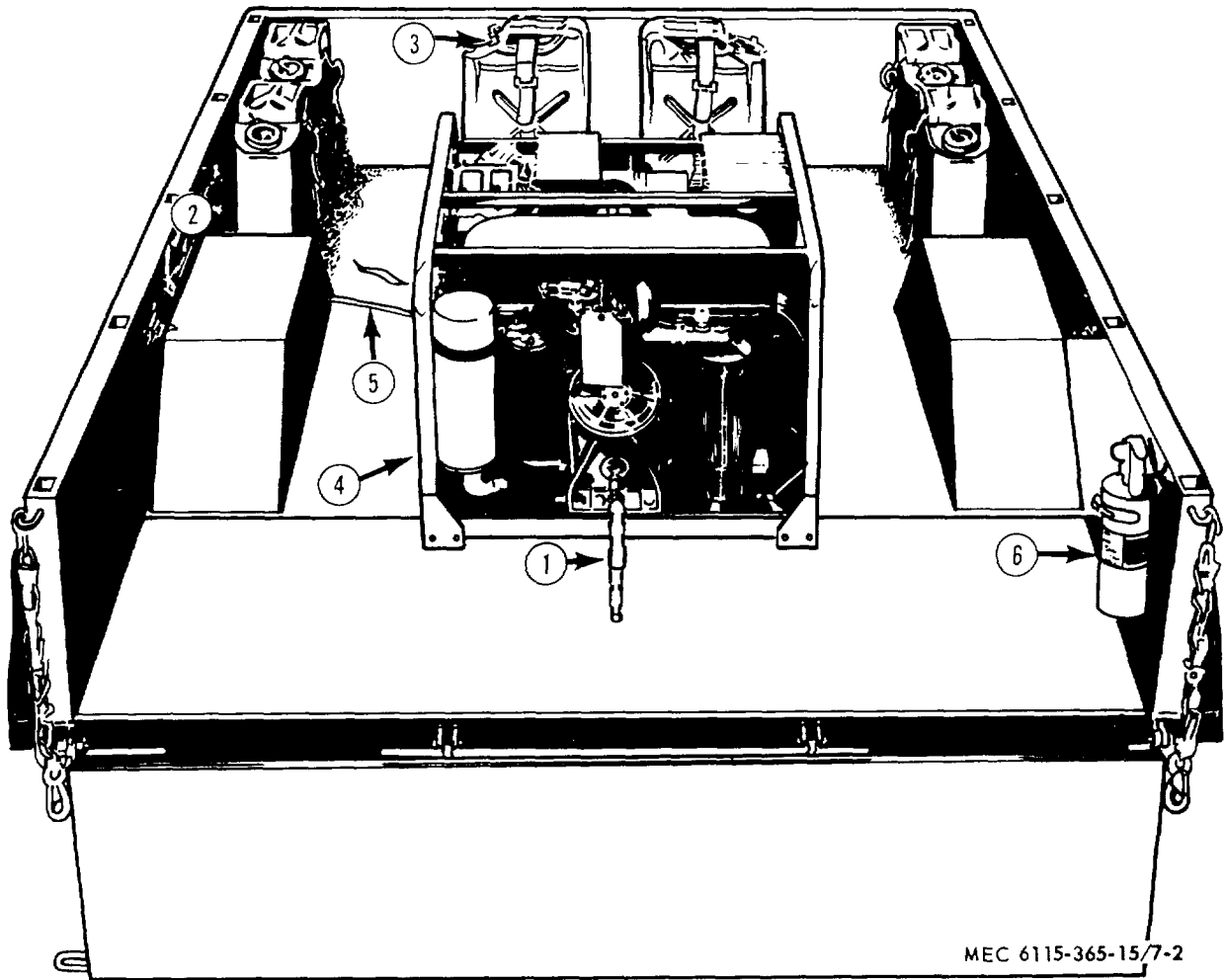
Figure 7-1. Generator Set PU-236B/G.

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE					DEPOT MAINT	FIGURE NO.	ITEM NO.
									MANUFACTURER'S							
									ORGANIZATION	DS	GS					
									1-5	6-10	100 EQUIPMENTS					
0002					GROUP 01 - ENGINE											
0003					0106 - ENGINE LUBRICATION SYSTEM											
0004	X2O				4730-278-3888	REDUCER BUSHING: 3/4-14 NPTF EXTERNAL THD X 1/2-14 NPTF INTERNAL THD, OIL DRAIN	81343	SAE-J530	1	*	*	*	*	*		
0005	X2O				4720-913-6422	HOSE, OIL DRAIN	97403	13211E4918	1	*	*	*	*	*		
0006	O				4730-766-7908	UNION, FLARED TUBE, BULKHEAD: OIL DRAIN	88044	AN832-10	1	*	*	*	*	*		
0007	O				5310-059-6372	WASHER, LOCK: OIL DRAIN HOSE UNION	96906	MS35337-52	1	*	*	*	*	*		
0008	O				5310-282-7822	NUT, UNION: OIL DRAIN HOSE	88044	AN924-10	1	*	*	*	*	*		
0009						GROUP 04 - EXHAUST SYSTEM										
0010						0401 - MUFFLER AND PIPES										
0011	X2O				6115-913-9291	TUBE, EXHAUST	97403	13212E3621	1	*	*	*	*	*		
0012	X2O					CLAMP, EXHAUST TUBE SECURING	97403	13212E3622	1	*	*	*	*	*		
0013	O				5310-209-5306	WASHER, LOCK	96906	MS35337-24	1	*	*	*	*	*		
0014	O				5310-012-0614	NUT, PLAIN, HEXAGON	96906	MS35650-102	1	*	*	*	*	*		
0015	O				5305-043-6755	SCREW, MACHINE	96906	MS35226-68	1	*	*	*	*	*		
0016	O				5310-550-0777	NUT, PLAIN, HEXAGON: HOOK	96906	MS35690-402	2	*	*	*	*	*		
0017						GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS										
0018						1501 - FRAME ASSEMBLY										
0019	X2O				2510-706-4504	BRACKET ASSEMBLY, FUEL CAN	97403	13214E1203	6	*	*	*	*	*		
0020	X2O					HOOK, DRIP RAIL: STRAP	97403	13212E3616	6	*	*	*	*	*		
0021	X2O					FASTENER	97403	13214E1205	6	*	*	*	*	*		
0022	X2O					BUCKLE	96906	MS51940-7	12	*	*	*	*	*		
0023	M O					STRAP: TOP	97403	13214E1203-2	6							
0024	P O				8305-267-3009	MANUFACTURE FROM: WEBBING, NYLON (30 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE	GRP	9501				
0025	M O					STRAP: BOTTOM	97403	13214E1203-3	6							
0026	P O				8305-267-3009	MANUFACTURE FROM: WEBBING, NYLON (18 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE	GRP	9501				
0027	X2O					BRACKET	97403	13214E1204	6	*	*	*	*	*		
0028	X2O				5305-269-3210	SCREW, CAP, HEXAGON HEAD: FUEL CAN										
0029	O				5310-809-4061	BRACKET MTG, 3/8-16 X 7/8 IN. LG	96906	MS90725-59	24	*	*	*	*	*		
0030	O				5310-087-4652	WASHER, FLAT: FUEL CAN BRACKET MTG	96906	MS27183-15	24	*	*	*	*	*		
0031	X2O					NUT, SELF-LOCKING, HEXAGON: FUEL CAN										
0032	O				5340-032-2708	BRACKET MTG	96906	MS51922-17	24	*	*	*	*	*		
0033	O				5305-984-6211	LOOP, STRAP FASTENER: FUEL CAN	96906	MS51939-2	4	*	*	*	*	*		
0034	O				5310-809-8546	SCREW, MACHINE: LOOP MTG	96906	MS35206-264	8	*	*	*	*	*		
0035	O				5310-167-0662	WASHER, FLAT: LOOP MTG	96906	MS27183-8	8	*	*	*	*	*		
0036	X2O				5310-012-0361	WASHER, LOCK: LOOP MTG	96906	MS35337-43	8	*	*	*	*	*		
0037	O				6115-016-2362	NUT, PLAIN, HEXAGON: LOOP MTG	96906	MS35649-102	8	*	*	*	*	*		
0038	O				5305-889-3000	HOLDER: FUEL DRUM ADAPTER EXTENSION	97403	13211E4889-1	4	*	*	*	*	*		
0039	O				5310-082-1404	SCREW, MACHINE: EXTENSION HOLDER MTG	96906	MS35205-230	8	*	*	*	*	*		
0040	O				5310-013-1181	WASHER, FLAT: EXTENSION HOLDER MTG	96906	MS27183-6	8	*	*	*	*	*		
0041	X2O				5310-062-0912	WASHER, LOCK: EXTENSION HOLDER MTG	96906	MS35337-22	8	*	*	*	*	*		
0042	X2O				7240-920-5327	NUT, PLAIN, HEXAGON: EXTENSION HOLDER MTG	96906	MS35649-64	8	*	*	*	*	*		
0043	O				5306-225-8497	HOLDER: FUEL DRUM ADAPTER		13212E3553-1	2	*	*	*	*	*		
0044	O				5310-081-4219	SCREW, BOLT MACHINE: ADAPTER HOLDER										
0045	X2O				5310-984-3806	MTG 5/16-18 X 3/4 IN. LG	96906	MS90725-32	4	*	*	*	*	*		
0046	X1					WASHER, FLAT: ADAPTER HOLDER MTG	96906	MS27183-12	8	*	*	*	*	*		
0047	O					NUT, SELF-LOCKING, HEXAGON: ADAPTER HOLDER MTG	96906	MS51922-9	4	*	*	*	*	*		
0048	X2O				5310-012-6177	BRACKET ASSEMBLY, SLEDGE HAMMER	97403	13214E1214	1	*	*	*	*	*		
0049	O					BRACKET	97403	13214E1215	1	*	*	*	*	*		
0050	O				5310-012-0392	NUT, PLAIN, WING	90906	MS35425-39	2	*	*	*	*	*		
0051	X2O				5310-043-5862	PLATE, HOLD DOWN	97403	13214E1216	1	*	*	*	*	*		
0052	X2O				5340-914-2578	WASHER, FLAT	96906	MS27183-10	2	*	*	*	*	*		
					5305-068-0502	WASHER, LOCK	96906	MS35337-82	2	*	*	*	*	*		
						CLIP, SPRING: SLEDGE HAMMER HANDLE	97403	13214E1213-1	1	*	*	*	*	*		
0053	O				5310-809-4058	SCREW, CAP, HEXAGON HEAD: SLEDGE HAMMER										
0054	O				5310-088-1251	BRACKET AND SPRING CLIP MTG, 1/4-20 X 3/4 IN. LG	96069	MS90725-6	3	*	*	*	*	*		
						WASHER, FLAT: SLEDGE HAMMER BRACKET, SPRING CLIP AND GROUND ROD CLAMP MTG	96906	MS27183-10	10	*	*	*	*	*		
0055	X2O					NUT, SELF-LOCKING, HEXAGON: SLEDGE HAMMER										
0056	O				5305-958-5246	BRACKET, SPRING CLIP AND GROUND ROD CLAMP MTG	96906	MS51922-1	7	*	*	*	*	*		
						CLAMP ASSEMBLY, GROUND ROD	97403	1321E3617	2	*	*	*	*	*		
						SCREW, MACHINE: GROUND ROD CLAMP MTG	90906	MS35190-289	4	*	*	*	*	*		

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST		
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE					DEPOT MAINT	FIGURE NO.	ITEM NO.	
									ORGANIZATION			DS	GS				
									1-5	6-10			100 EQUIPMENTS				
MANUFACTURER'S		CODE		PART NO.													
0057		O			5340-526-2559	CLAMP, CUSHIONED: GROUND WIRE	96906	MS21919F2	2	*	*	*	*	*	*		
0058		O			5305-614-6211	SCREW, MACHINE: GROUND WIRE CLAMP MTG	96906	MS35206-264	2	*	*	*	*	*	*		
0059		O			5310-809-8546	WASHER, FLAT: GROUND WIRE CLAMP MTG	96906	MS27183-8	4	*	*	*	*	*	*		
0060		O			5310-167-0662	WASHER, LOCK: GROUND WIRE CLAMP MTG	96906	MS35337-43	2	*	*	*	*	*	*		
0061		O			5310-012-0361	NUT, PLAIN, HEXAGON: GROUND WIRE CLAMP MOUNTING	96906	MS35649-102	2	*	*	*	*	*	*		
0062	X2O				5307-722-9437	STUD: GROUND	97403	13214E1223	1	*	*	*	*	*	*		
0063	X2O					WASHER, LOCK: BRONZE, EXTERNAL TOOTH, 3/8 IN., GROUND STUD	96906	MS35335-91	2	*	*	*	*	*	*		
0064	O				5310-720-8531	NUT, PLAIN, HEXAGON: BRASS GROUND STUD TO TRAILER	96906	MS35691-611	2	*	*	*	*	*	*		
0065	X2O				5310-900-6323	WASHER, FLAT: BRASS, .390 ID, GROUND STUD	96906	MS45901-7	4	*	*	*	*	*	*		
0066	O				5310-720-8528	NUT, PLAIN, HEXAGON: BRASS GROUND STUD	96906	MS35690-611	1	*	*	*	*	*	*		
0067	O				5310-543-4717	NUT, PLAIN, WING: BRASS, GROUND STUD	96906	MS35425-28	1	*	*	*	*	*	*		
0068						1507 - LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)											
0069	X2O				2590-318-6691	LEG ASSEMBLY, TRAILER PROP	97403	13214E1206	1	*	*	*	*	*	*		
0070	X2O					BRACKET	97403	13214E1207	1	*	*	*	*	*	*		
0071	X2O					LEG ASSEMBLY, UPPER	97403	13214E1206	1	*	*	*	*	*	*		
0072	X2O					CHAIN: PIN RETAINING	97403	13214E1208-6	1	*	*	*	*	*	*		
0073	X2O					PIN	97403	13214E1208-5	1	*	*	*	*	*	*		
0074	X2O					LEG, BASE	97403	13214E1212	1	*	*	*	*	*	*		
0075	X2O					SHAFT	97403	13214E1209	1	*	*	*	*	*	*		
0076	O				4730-172-0049	FITTING, LUBRICATION	96906	MS15006-1	1	*	*	*	*	*	*		
0077	X2O					SCREW	97403	13214E1210	1	*	*	*	*	*	*		
0078	X2O					NUT	97403	13214E1211	1	*	*	*	*	*	*		
0079	X2O					RIVET, SOLID, UNIVERSAL HEAD: 1/4 IN. DIA, 2 IN. LG	96906	MS20613-8P32	1	*	*	*	*	*	*		
0080	X2O					PIN, COTTER: 1/8 IN. DIA, 3/4 IN. LG	96906	MS24665-351	1	*	*	*	*	*	*		
0081	X2O					SCREW, CAP, HEXAGON HEAD: LEG ASSEMBLY TO TRAILER, 3/8-16 x 1 1/4 IN. LG	96906	MS90725-62	3	*	*	*	*	*	*		
0082	O				5310-809-4061	WASHER, FLAT: LEG ASSEMBLY TO TRAILER	96906	MS27183-15	6	*	*	*	*	*	*		
0083	O				5310-087-4652	NUT, SELF-LOCKING, HEXAGON: LEG ASSEMBLY TO TRAILER	96906	MS51922-17	3	*	*	*	*	*	*		
0084						GROUP 16 - BODY, CAB, HOOD AND HULL											
0085						1810 - CARGO BODY (DUMP, STAKE, AND PLATFORM)											
0086	X2F				2330-141-8050	TRAILER: M105 MODIFIED	97403	13214E1221-1	1	*	*	*	*	*	*		
0087						GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS											
0088						2202 - ACCESSORY ITEMS											
0089	X2O				7240-222-3088	CAN, GASOLINE: MILITARY, 5 GAL			6	*	*	*	*	*	*		
0090	X2O				2910-066-1235	ADAPTER ASSEMBLY, FUEL DRUM	97403	13211E7541	2	*	*	*	*	*	*		
0091	X2O					PIPE	97403	13211E7543	2	*	*	*	*	*	*		
0092	X2O					WASHER, BRASS	97403	13211E7544	2	*	*	*	*	*	*		
0093	X2O					SCREW, SHOULDER	97403	13211E7545	4	*	*	*	*	*	*		
0094	X2O					RING, SEALING	97403	13211E7546	2	*	*	*	*	*	*		
0095	X2O					WASHER, RUBBER	97403	13211E7547	2	*	*	*	*	*	*		
0096	X2O					HEAD	97403	13211E7548	2	*	*	*	*	*	*		
0097	X2O					WASHER, STEEL	97403	13200E6361	2	*	*	*	*	*	*		
0098	X2O					CLAMP	97403	13200E6363	2	*	*	*	*	*	*		
0099	O				5310-209-1239	WASHER, LOCK: SHOULDER SCREW	96906	MS35335-60	4	*	*	*	*	*	*		
0100	X2O					PIPE, EXTENSION	97403	13211E7542	2	*	*	*	*	*	*		
0101	O				4730-278-3357	ADAPTER, STRAIGHT: HOSE			2	*	*	*	*	*	*		
0102						2210 - DATA PLATES AND INSTRUCTION HOLDERS											
0103	X2F				9905-577-4219	PLATE, DATA: CORPS OF ENGINEERS TYPE A	97403	13212E3599	1	*	*	*	*	*	*		
0104	F				5310-058-2950	WASHER, LOCK: DATA PLATE MTG	96906	MS35337-77	4	*	*	*	*	*	*		
0104A	X2F				5305-058-2088	SCREW, TAPPING, THREAD FORMING: DATA PLATE MTG NO. 2-32 X 1/4 IN. LG			4	*	*	*	*	*	*		
0105						GROUP 40 - ELECTRIC MOTORS AND GENERATORS											
0106						4000 - MAJOR ASSEMBLAGE											
0107	X2FR				6115-074-8830	GENERATOR, GASOLINE ENGINE DRIVEN: 5 KW, MIL-G-5279			1		*	*	*	*	*		
0108	X2F				5310-520-3091	WASHER, BEVELED: GENERATOR FRAME TO TRAILER	97403	13206E4482-2	4		*	*	*	*	*		
0109	X2F				5305-782-9495	SCREW, CAP, HEXAGON HEAD: GENERATOR FRAME TO TRAILER, 1/2-13 X 1 1/4 IN. LG	96906	MS90725-111	4		*	*	*	*	*		

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE			DEPOT MAINT	FIGURE NO.	ITEM NO.	
									ORGANIZATION	DS	GS				
									1-5	6-10	100 EQUIPMENTS				
MANUFACTURER'S															
CODE	PART NO.														
0110	X2F				SPACER, SHIM	97403	13214E1222-4		4			*	*	*	
0111	X2F				NUT, SELF-LOCKING, HEXAGON: generator frame to trailer	96906	MS51922-33		4			*	*	*	
0112					4019 - RADIO INTERFERENCE SUPPRESSION										
0113	M O				WIRE, GROUND: generator to ground stud				1						7-25
0114	P O			6145-299-6188	MANUFACTURE FROM: WIRE (Length as required)			FT	SEE	GRP	9501				
0115					GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS										
0116					7603 - FIRE EXTINGUISHERS										
0117	P1O			4210-555-8837	EXTINGUISHER, FIRE				1	*	*	*	*	*	7-26
0118	X2O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: extinguisher mtg, 1/4-20 x 3/4 in. lg	96906	MS90725-6		4	*	*	*	*	*	
0119	O			5310-809-4058	WASHER, FLAT: extinguisher mtg	96906	MS27183-10		8	*	*	*	*	*	
0120	O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON: extinguisher mounting	96906	MS51922-1		4	*	*	*	*	*	
0121					GROUP 95 - GENERAL USE STANDARDIZED PARTS										
0122					9501 - BULK MATERIAL										
0123	P O			8305-267-3009	WEBBING, NYLON	06716	1403	FT	*	*	*	*	*	*	
0124	P O			6145-299-6188	WIRE, ELECTRICAL			FT	*	*	*	*	*	*	



- |   |       |   |              |
|---|-------|---|--------------|
| 1 | Hose  | 4 | Generator    |
| 2 | Clamp | 5 | Wire         |
| 3 | Can   | 6 | Extinguisher |

Figure 7-2. Accessories.

## CHAPTER 8

GENERATOR SETS PU-236/G AND PU-236A/G

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## Section I. DESCRIPTION AND DATA

**8-1. Description**

*a. General.* A 5-kw, 60-cycle, gasoline engine driven generator, mounted on a two-wheeled, box type, steel body, 1<sup>1</sup>/<sub>2</sub>-ton capacity, model M105-A-2, M105-E-3, or Model M105-A-1 cargo trailer, comprise Generator Sets PU-236/G and PU-236A/G.

*b. Function.* The PU-236/G and PU-236A/G provide a trailer-mounted source of 5-kw, 120/240-volt, 60-cycle, single-phase ac power for various radio sets.

*c. Difference in Models.* The PU-236/G uses a PU-58/G generator (O'Keefe and Merritt, Number 1000-36), driven by a Willys Overland model MB-441 engine. The PU-236A/G uses either a Kurtz and Root generator, model XP536, or a Master Vibrator generator model EG144.

*d. Generator.* For description and further information about units having Master Electric Company style 224936, type AG generator and/or Master Vibrator generator set model EG-144 refer to applicable technical manual, as shown on nameplate or in DA Pam 310-4. For units having a Kurtz and Root Company model XP536 generator and/or Hol-Gar model CE-52M-AC generator set refer to applicable technical manuals, as shown on nameplate or in DA Pam 310-4.

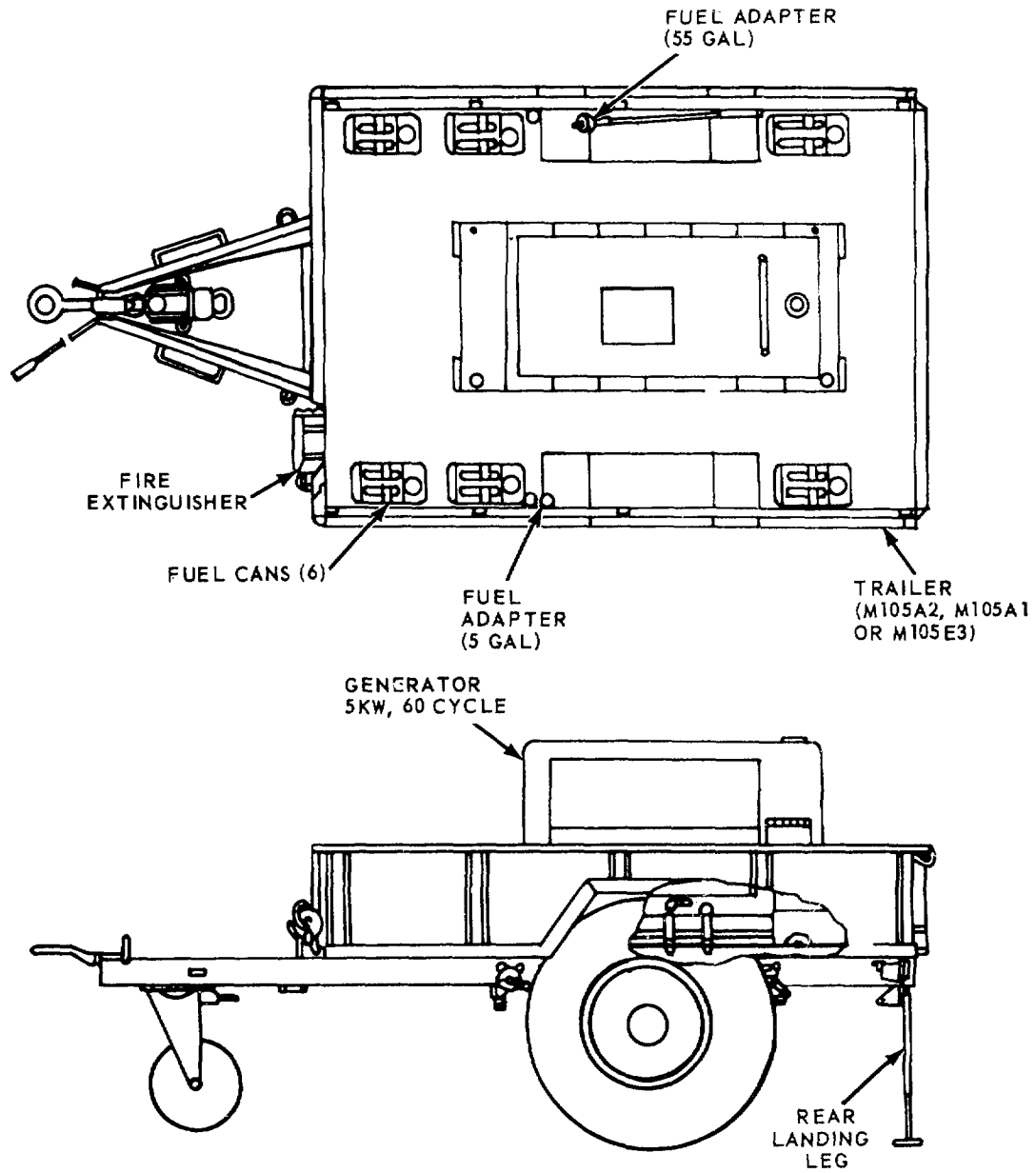
*e. Engine.* For description and further information on sets using Aerojet General Corporation model 305665 engine refer to applicable technical manual, as shown on nameplate or in DA Pam 310-4. Applicable technical manuals, as shown on nameplate or in DA Pam 310-4, describe and provide instructions for sets equipped with Continental Engine model NS56.

*f. Power Unit.* For description and additional information on PU-58/G refer to applicable technical manual, as shown on generator set nameplate or in DA Pam 310-4.

*g. Trailer.* For description and further trailer information refer to applicable technical manual, as shown on trailer nameplate or in DA Pam 310-4.

*h. Lubrication.* Lubricate the trailer as prescribed in applicable lubrication order, as shown in DA Pam 310-4. Lubrication order, as shown in DA Pam 310-4, contains instructions for lubrication of the Hol-Gar model CE-52M-AC Generator Set. Lubricate Master Vibrator model EG-144 generator set in accordance with instructions outlined in applicable lubrication order, as shown in DA Pam 310-4. Lubricate Aerojet General Corporation model 305665 engine as directed by applicable lubrication order, as shown in DA Pam 310-4. Refer to applicable technical manual, as shown in DA Pam 310-4, and figure 16 for lubricating instructions for the PU-58/G power unit.





MEC 6115-365-15/8-1

Figure 8-1. Generator Set PU-236A/G.

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE			DEPOT MAINT	FIGURE NO.	ITEM NO.	
									ORGANIZATION		DS				GS
									1-5	6-10	100 EQUIPMENTS				
MANUFACTURER'S															
CODE		PART NO.													
0001						SECTION II - REPAIR PARTS LIST									
0002						GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS									
0003						1501 - FRAME ASSEMBLY									
0004	X2O			2510-706-4504	BRACKET ASSEMBLY, FUEL CAN	97403	13214E1203	6	*	*	*	*	*		
0005					GROUP 18 - BODY, CAB, HOOD AND HULL										
0006					1810 - CARGO BODY (DUMP, STAKE, AND PLATFORM)										
0007	X2F			2330-835-8631	TRAILER, CARGO: M105E3 MODIFIED			1			*	*	*		
0008					GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS										
0009					2202 - ACCESSORY ITEMS										
0010	X2O			7240-222-3088	CAN, GASOLINE: MILITARY, 5 GAL			6	*	*	*	*	*		
0011	X2O			6115-379-3991	ADAPTER KIT, FUEL DRUM: 55 GAL			1	*	*	*	*	*		
0012	X2O			7240-177-6154	TUBE: FLEXIBLE NOZZLE			1	*	*	*	*	*		
0013					GROUP 40 - ELECTRIC MOTORS AND GENERATORS										
0014					4000 - GENERATOR SET										
0015	X2FR			6115-635-8590	GENERATOR SET, GASOLINE ENGINE DRIVEN: 5 KW			1			*	*	*		
0016					GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS										
0017					7603 - FIRE EXTINGUISHERS										
0018	P1O			4210-555-8837	EXTINGUISHER, FIRE			1	*	*	*	*	*		

## CHAPTER 9

GENERATOR SET PU-401/M

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## Section I. DESCRIPTION AND DATA

**9-1. Description**

*a. General.* A diesel engine-driven, 45-kw, 400 cycle, ac generator, mounted on a two-wheeled, flatbed steel body, 2½-ton capacity, model M-200A1 trailer comprise the Generator Set PU-401/M.

*b. Function.* The PU-401/M Generator Set is part of Defense System, Antiaircraft AN/MSG-4. The unit is a mobile source of 400-cycle power for the Weapons Monitoring Center, the Radar Processing Center, and the Maintenance Van.

*c. Generator Sets.* For description and further information on Stewart and Stevenson sets, model 52300, refer to applicable technical manual, as shown on generator set nameplates, or in DA Pam 310-4. See applicable technical manuals, as shown on generator set nameplates or DA Pam 310-4, for description and further information on Consolidated Diesel model 4060 Generator Sets.

*d. Generators.* For repair parts information on sets having General Electric Company model No. 5SJ1006A3

Generators, refer to applicable technical manuals, as shown on nameplates or in DA Pam 310-4.

*e. Engine.* Applicable technical manual, as shown on nameplates or in DA Pam 310-4, contains description and maintenance instructions for the Cummins model J1S-600 diesel engines.

*f. Trailer.* For description and further trailer information refer to applicable technical manual, as shown on trailer nameplate or in DA Pam 310-4.

*g. Lubrication.* Applicable lubrication order, as shown in DA Pam 310-4, contains lubrication instructions for Consolidated Diesel model 4060 diesel engine-driven generators. Refer to applicable lubrication order, as shown in DA Pam 310-4, for lubricating instructions for Stewart and Stevenson model 52300 diesel engine-driven generators. Cummins model J1S-600 diesel engine lubricating instructions are contained within applicable lubrication order, as shown in DA Pam 310-4. Refer to applicable technical manual, as shown in DA Pam 310-4, for trailer lubrication information.

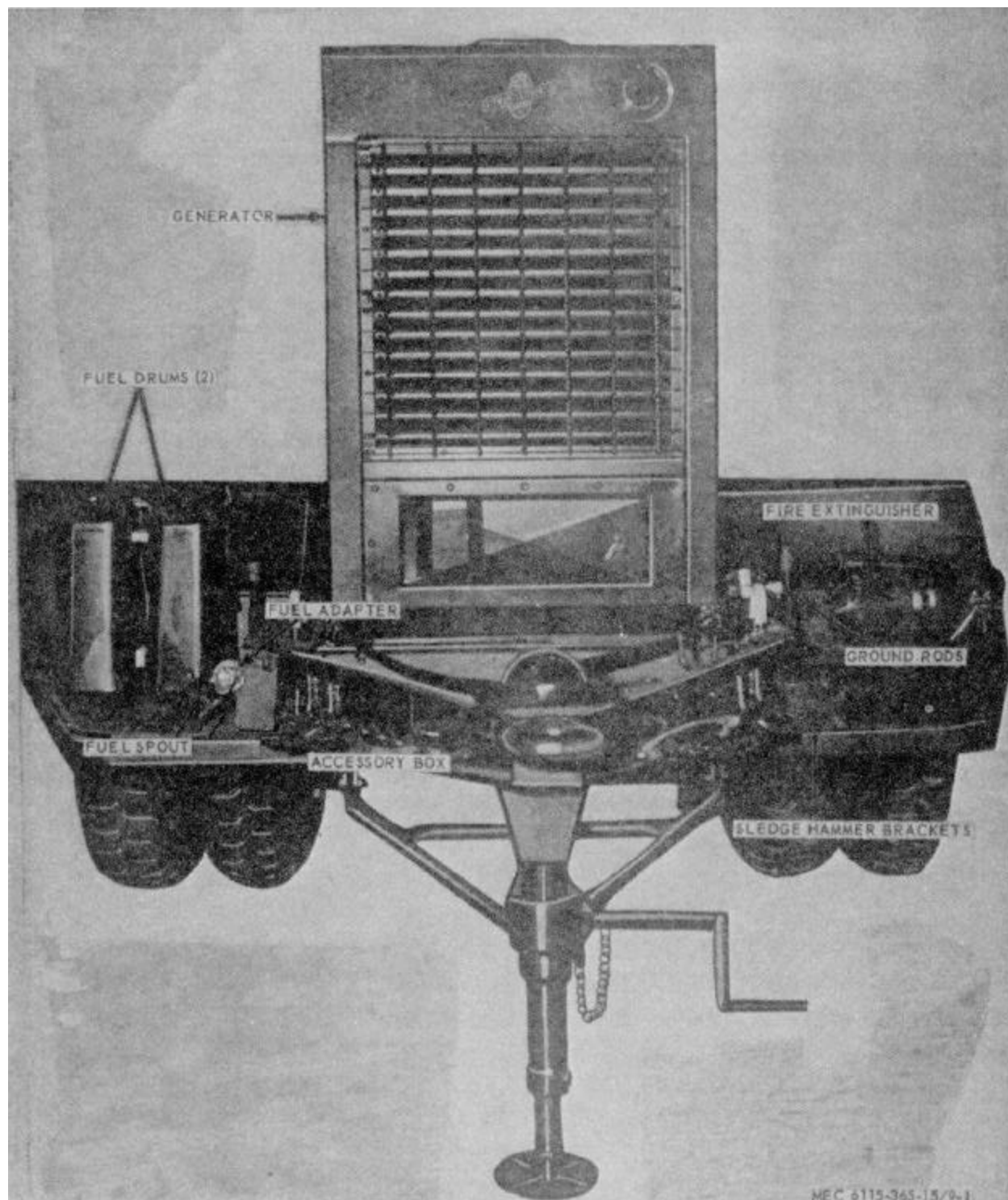


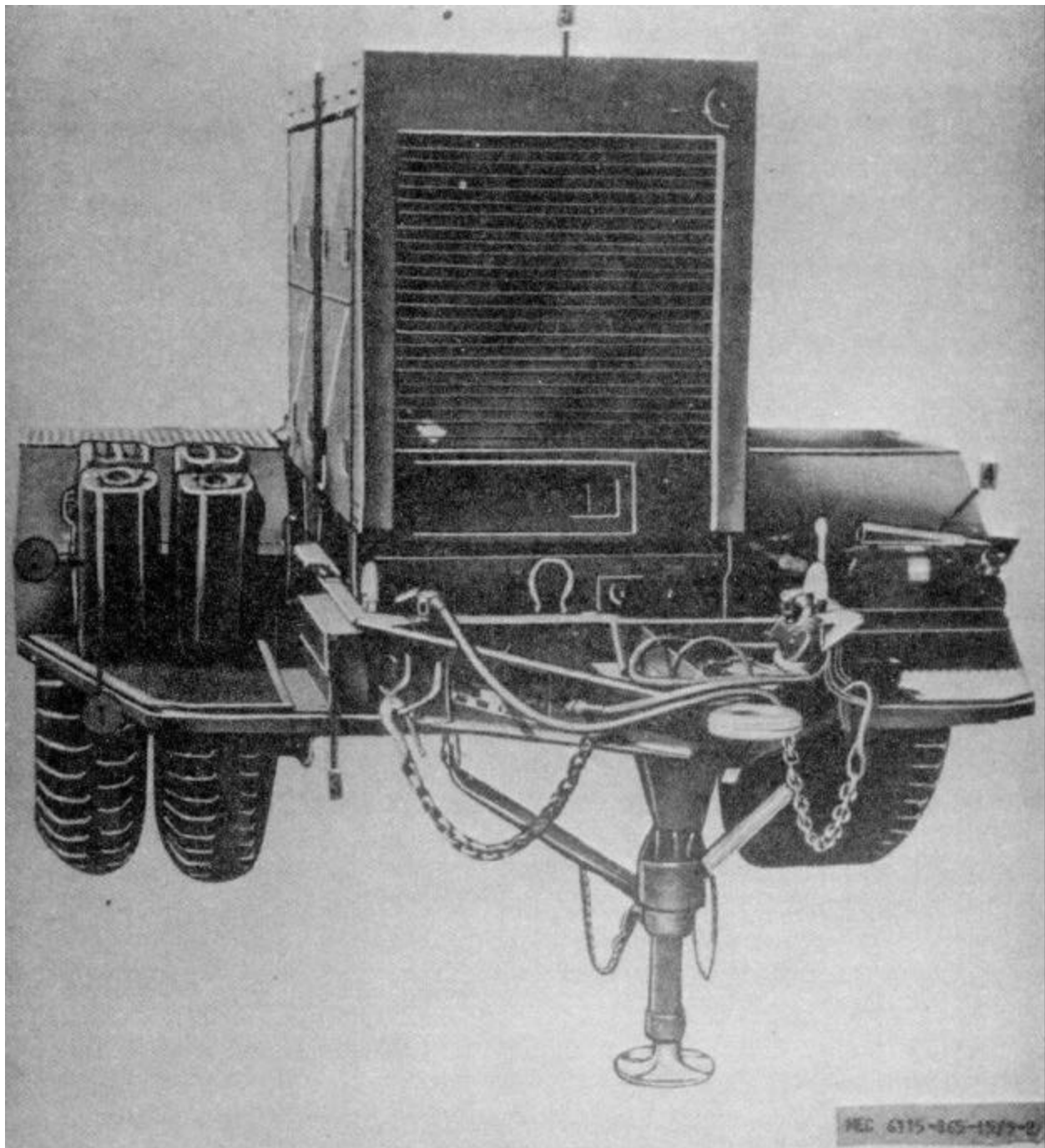
Figure 9-1. Generator Set PU-401/M.

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST		
	MATERIAL	SOURCE	MAINT					RECOVERABILITY	15 DAYS MAINTENANCE			DEPOT MAINT	FIGURE NO.	ITEM NO.	
									ORGANIZATION	DS	GS				
					CODE	PART NO.			1-5	6-10	100 EQUIPMENTS				
0002					GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS										
0003					1501 - FRAME ASSEMBLY										
0004	X2O			2590-413-6331	BRACKET, LIQUID CONTAINER, FUEL CAN	97403	13214E1203	2	*	*	*	*	*	9-2 1	
0005	X2O				BRACKET	97403	13214E1204	2	*	*	*	*	*		
0006	X2O				BUCKLE	96906	MS51940-7	2	*	*	*	*	*		
0007	X2O				FASTENER	97403	13214E1205	2	*	*	*	*	*		
0008	X2O				HOOK, DRIP RAIL	97403	13212E3615	2	*	*	*	*	*		
0009	M O				STRAP, BOTTOM	97403	13214E1203-3	2							
					MANUFACTURE FROM:										
0010	P O			8305-267-3009	WEBBING, NYLON	06716	1403	FT	SEE	GRP	9501				
					(18 IN. REQUIRED FOR EACH STRAP)										
0011	M O				STRAP, TOP	97403	13214E1203-2	2							
					MANUFACTURE FROM:										
0012	P O			8305-267-3009	WEBBING, NYLON	06716	1403	FT	SEE	GRP	9501				
					(18 IN. REQUIRED FOR EACH STRAP)										
0013	O			5310-984-3806	NUT, SELF-LOCKING, HEXAGON: FUEL CAN										
					BRACKET MTG	96906	MS51922-9	8	*	*	*	*	*		
0014	X2O			5305-225-8499	BOLT, MACHINE: FUEL CAN BRACKET MTG	96906	MS90725-34	8	*	*	*	*	*		
0015	O			5310-081-4219	WASHER, FLAT: FUEL CAN BRACKET MTG	96906	MS27183-12	8	*	*	*	*	*		
0016	X2O				BRACKET, MOUNTING, GROUND ROD	97403	13214E1288	1	*	*	*	*	*		
0017	X2O				BRACKET, GROUND ROD	14850	A116-726	1	*	*	*	*	*		
0018	X2O				HOLDER, GROUND ROD	14850	D116-125Y	1	*	*	*	*	*		
0019	X2O				SCREW, CAP, HEXAGON HEAD: GROUND ROD MTG	96906	MS90725-33	2	*	*	*	*	*		
0020	X2O			5310-081-4219	WASHER, FLAT: GROUND ROD MTG	96906	MS27183-12	2	*	*	*	*	*		
0021	X2O			5310-984-3806	NUT, SELF-LOCKING: GROUND ROD MTG	96906	MS51922-9	2	*	*	*	*	*		
0022	X2O				BRACKET, DOUBLE ANGLE, SLEDGE HAMMER	97403	13214E1214	1	*	*	*	*	*		
0023	X2O				BRACKET, SLEDGE HAMMER	14850	A116-740Y	1	*	*	*	*	*		
0024	X2O				HOLDER, SLEDGE HAMMER	14850	D116-741X	1	*	*	*	*	*		
0025	X2O			5340-9114-2578	CLIP, SPRING TENSION: SLEDGE HAMMER										
					BRACKET	97403	13214E1213-1	1	*	*	*	*	*		
0026	O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON: SLEDGE HAMMER										
					BRACKET MTG	96906	MS51922-1	3	*	*	*	*	*		
0027	O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: SLEDGE HAMMER										
					BRACKET MTG	96906	MS90725-6	3	*	*	*	*	*		
0028	O			5310-809-4058	WASHER, FLAT: SLEDGE HAMMER BRACKET MTG	96906	MS27183-10	3	*	*	*	*	*		
0029	X2O			5307-722-9437	STUD, CONTINUOUS THREAD, GROUND WIRE	97403	13214E1223	1	*	*	*	*	*		
0030	O			5310-720-8530	NUT, PLAIN, HEXAGON: GROUND STUD	96906	MS35691-611	3	*	*	*	*	*		
0031	O			5310-543-4717	NUT, PLAIN, WING: GROUND STUD	96906	MS35425-28	1	*	*	*	*	*		
0032	X2O			5310-900-6323	WASHER, FLAT: GROUND STUD	96906	MS45901-7	4	*	*	*	*	*		
0033	X2O				WASHER, LOCK, FLAT, EXTERNAL TOOTH:										
					GROUND STUD, PHOSPHOR BRONZE, 3/8 lb.	96906	MS35335-91	1	*	*	*	*	*		
0034	X2O			5975-878-3791	ROD, GROUND		TYPEIISTYLE2	1	*	*	*	*	*		
0035					GROUP 18 - BODY, CAB, HOOD AND HULL										
0036					1808 - STOWAGE RACKS, BOXES, STRAPS, CARRYING CASES, CABLE REELS, HOSE REELS, ETC.										
0037	X2O			6115-705-4604	BOX, ACCESSORY, STOWAGE	97403	13214E1273	1	*	*	*	*	*	9-2 3	
0038	O			5310-984-3806	NUT, SELF-LOCKING, HEXAGON: ACCESSORY										
					BOX MTG	96906	MS51922-9	2	*	*	*	*	*		
0039	X2O			5306-225-8499	BOLT, MACHINE: ACCESSORY BOX MTG	96906	MS90725-34	2	*	*	*	*	*		
0040	O			5310-081-4219	WASHER, FLAT: ACCESSORY BOX MTG	96906	MS27183-12	2	*	*	*	*	*		
0041					1810 - CARGO BODY (DUMP, STAKE, AND PLATFORM)										
0042	X2FR			2330-331-2307	CHASSIS, TRAILER: MODEL M200A1	97403	13214E1257	1			*	*	*		
0043					GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS										
0044					2202 - ACCESSORY ITEMS										
0045	X2O				CABLE ASSEMBLY, POWER	97403	13214E1275	1	*	*	*	*	*	9-2 2	
0046	X2O			6145-189-6695	LEAD, GROUND			1	*	*	*	*	*		
0047	X2O			7040-222-3088	CAN, GASOLINE, MILITARY: 5 GAL			2	*	*	*	*	*		
0048	X2O			7240-177-6154	SPOUT, CAN, FLEXIBLE	96906	MILS1235	1	*	*	*	*	*		
0049	X2O			2910-066-1235	ADAPTER, ASSEMBLY, FUEL DRUM	97403	13211E7541	1	*	*	*	*	*		
0050	X2O				PIPE	97403	13211E7543	1	*	*	*	*	*		
0051	X2O				WASHER, BRASS	97403	13211E7544	2	*	*	*	*	*		
0052	X2O				SCREW, SHOULDER	97403	13211E7545	2	*	*	*	*	*		
0053	X2O				RING, SEALING	97403	13211E7546	1	*	*	*	*	*		

LINE NO.	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT					RECOVERABILITY	15 DAYS MAINTENANCE			DEPOT MAINT	FIGURE NO.	ITEM NO.
									ORGANIZATION	DS	GS			
									1-5	6-10	100 EQUIPMENTS			
0054	X2O				WASHER, RUBBER	97403	13211E7547	1	*	*	*	*	*	9-25
0055	X2O				HEAD	97403	13200E7548	1	*	*	*	*	*	
0056	X2O				WASHER, STEEL	97403	13200E6861	1	*	*	*	*	*	
0057	X2O				CLAMP	97403	13200E6363	1	*	*	*	*	*	
0058	O			5310-209-1239	WASHER, LOCK	96906	MS35355-60	1	*	*	*	*	*	
0059	X2O				PIPE, EXTENSION	97403	13211E7542	1	*	*	*	*	*	
0060	O			4730-278-3357	ADAPTER, STRAIGHT: hose			1	*	*	*	*	*	
0061					2210 - DATA PLATES AND INSTRUCTION HOLDERS									
0062	X2O				NAMEPLATE: ACCESSORY BOX	14850	D900-468x	1	*	*	*	*	*	
0063	X2O				NAMEPLATE: FIRE EXTINGUISHER	14850	D9-284-3	2	*	*	*	*	*	
0064	X2O				NAMEPLATE: GROUND ROD	14850	D9-28A2	1	*	*	*	*	*	
0065	X2O				NAMEPLATE: GROUND ROD	14850	D9-11A	1	*	*	*	*	*	
0066	X2O				PLATE, IDENTIFICATION: POWER UNIT	97403	13212E3599	1	*	*	*	*	*	
0067	X2O				NAMEPLATE: SLEDGE HAMMER	14850	D9-28A1	1	*	*	*	*	*	
0068	X2O				NAMEPLATE, IDENTIFICATION: DISTRIBUTION BOX	97403	13214E1284	1	*	*	*	*	*	
0069	X2O				NAMEPLATE: WIRING DIAGRAM	97403	13214E1283	1	*	*	*	*	*	
0070	X2O			5305-058-2088	SCREW, TAPPING, THREAD FORMING: NAMEPLATE MTG	96906	MS24622-3	2	*	*	*	*	*	
0071	X2O				SCREW, TAPPING: PAN HEAD, NAMEPLATE MTG, No. 4-24, 1/4 IN. LG	96906	MS24622-8	8	*	*	*	*	*	
0072	X2O				SCREW, TAPPING: PAN HEAD, NAMEPLATE No. 14, 5/16 IN. LG	96906	MS24646-9	14	*	*	*	*	*	
0073					GROUP 40 - ELECTRIC MOTORS AND GENERATORS									
0074					4000 - MAJOR ASSEMBLAGE									
0075	X2FR			6115-823-2217	GENERATOR SET, DIESEL ENGINE TRAILER MOUNTED	971403	13214E1255	1		*	*	*	*	
0076	X2F			5306-180-0094	BOLT, MACHINE AIRCRAFT, 5/8-18, 1 41/61 IN. LG GENERATOR MTG	88044	AN10-14A	4		*	*	*	*	
0077	X2F			5310-269-4040	NUT, SELF LOCKING, HEXAGON: GENERATOR MOUNTING	96906	MS51922-49	4		*	*	*	*	
0078	X2F				WASHER, BEVELED: GENERATOR MTG	97403	13206E4482-3	4		*	*	*	*	
0079	X2F			5310-823-8803	WASHER, FLAT: GENERATOR MTG	96906	MS27183-21	4		*	*	*	*	
0080					4019 - RADIO INTERFERENCE SUPPRESSION									
0081	M O				WIRE, ELECTRICAL: GENERATOR TO GROUND STUD	81349	QQW-343	1						
0082	P O			6145-857-6903	MANUFACTURE FROM: WIRE, ELECTRICAL (LENGTH AS REQUIRED)				SEE	RP	9501			
0083					GROUP 42 - ELECTRICAL EQUIPMENT									
0084					4201 - TRANSFORMER, POWER LINE OR DISTRIBUTION									
0085	X2O				DISTRIBUTION BOX ASSEMBLY	97403	13214E1276-1	1	*	*	*	*	*	
0086	X2O				BOX: DISTRIBUTION	97403	13214E1277	1	*	*	*	*	*	
0087	X2O				TERMINAL BOARD: DISTRIBUTION	97403	13214E1278	1	*	*	*	*	*	
0088	X2O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: TERMINAL BOARD MTG	96906	MS90725-6	6	*	*	*	*	*	
0089	X2O			5310-809-4058	WASHER, FLAT: TERMINAL BOARD MTG	96906	MS27183-10	4	*	*	*	*	*	
0090	X2O			5310-088-1251	NUT, SELF LOCKING, HEXAGON: TERMINAL BOARD MTG	96906	MS51922-1	6	*	*	*	*	*	
0091	X2O				STUD, SHOULDER: DISTRIBUTION BOX	97403	13214E1279-3	4	*	*	*	*	*	
0092	X2O			5310-900-6323	WASHER, FLAT: DISTRIBUTION BOX MTG	96906	MS45901-7	20	*	*	*	*	*	
0093	X2O			5310 576-0548	WASHER, LOCK: DISTRIBUTION BOX MTG	96906	MS35337-103	12	*	*	*	*	*	
0094	X2O			5310-685-2632	NUT, PLAIN, HEXAGON: DISTRIBUTION BOX MOUNTING	96906	MS35691-612	16	*	*	*	*	*	
0095	X2O				PANEL	97403	13214E1280	1	*	*	*	*	*	
0096	X2O				SCREW, MACHINE: PAN HEAD, PANEL MTG	96906	MS35206-278	8	*	*	*	*	*	
0097	X2O				NAMEPLATE: DISTRIBUTION BOX	97403	13214E1284	1	SEE	GRP	2210	*	*	
0098	X2O				CABLE ASSEMBLY: DISTRIBUTION BOX	97403	13214E1282-1	1	*	*	*	*	*	
0099	X2O				CABLE ASSEMBLY: DISTRIBUTION BOX	97403	13214E1282-2	1	*	*	*	*	*	
0100	X2O				SCREW, MACHINE: PAN HEAD, No. 10-32									
0101	X2O			5310-809-8546	58 IN. LG	96906	MS35207-264	8	*	*	*	*	*	
0102	X2O			5310-754-2034	WASHER, FLAT	96906	MS27183-8	8	*	*	*	*	*	
0103	X2O			5310-012-0614	WASHER, LOCK	96906	MS35337-102	8	*	*	*	*	*	
0104	X2O				NUT, PLAIN, HEXAGON	96906	MS35650-102	8	*	*	*	*	*	
0105	X2O				NAMEPLATE: WIRING DIAGRAM	97403	13214E1283	1	SEE	GRP	2210	*	*	
0106	X2O				CONNECTOR AND LOCKNUT	97403	13212E3582-3	1	*	*	*	*	*	
					COVER, ELECTRICAL CONNECTOR	96906	MS17349N36B	2	*	*	*	*	*	

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE			DEPOT MAINT	FIGURE NO.	ITEM NO.	
									ORGANIZATION	DS	GS				
					CODE	PART NO.			1-5	6-10	100 EQUIPMENTS				
0107						GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS									
0108						7603 - FIRE EXTINGUISHERS									
0109		P1O			4210-555-8837	EXTINGUISHER, FIRE, MONOBROMOTRIFLUOROMETHANE	96909	MILE52031	1	*	*	*	*	9-24	
0110		X2O			6115-606-9938	BRACKET, FIRE EXTINGUISHER (USED WITH FIRE EXTINGUISHER STOCK No. 4210-555-8837)	14850	D443C	1	*	*	*	*		
0111		X2O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: EXTINGUISHER MTG 1/4-20, 3/4 IN. LG	96906	MS90725-6	4	*	*	*	*		
0112		O			5310-809-4058	WASHER, FLAT: EXTINGUISHER MTG	96906	MS27183-10	8	*	*	*	*		
0113		O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON: EXTINGUISHER	96906	MS51922-1	8	*	*	*	*		
0114		O			4210-202-7858	EXTINGUISHER, FIRE, CARBON DIOXIDE	96906	MILE468	1	*	*	*	*		
0115		X2O			6115-606-9338	BRACKET, FIRE EXTINGUISHER (USED WITH FIRE EXTINGUISHER STOCK No. 4210-202-7858)			1	*	*	*	*		
0116						GROUP 95 - GENERAL USE STANDARDIZED PARTS									
0117						9501 - BULK MATERIAL									
0118	P	O			8305-267-3009	WEBBING, NYLON	06716	1403	FT	*	*	*	*		
0119	P	O			6145-857-6903	WIRE, ELECTRICAL			FT	*	*	*	*		



- |   |         |   |              |
|---|---------|---|--------------|
| 1 | Bracket | 4 | Extinguisher |
| 2 | Box     | 5 | Generator    |
| 3 | Can     |   |              |

Figure 9-2. Accessories.



## CHAPTER 10

## GENERATOR SET PU-495/G

## Section I. DESCRIPTION AND DATA

**10-1. Description**

*a. General.* A 100-kw, 3-phase, 4-wire, 120/2082-40/416-volt, 60-cycle, generator reconnectable for 83.3-kw, 50-cycle operation, powered by and directly coupled to a 6-cylinder, 2 or 4-cycle, liquid-cooled diesel engine, with a governed speed of 1800 rpm at 60 cycle and 1500 rpm at 50 cycle; mounted on a M-353 trailer comprise the Generator Set PU-495/G.

*b. Function.* The PU-495/G Generator Set is a mobile power source which supplies 50 to 60-cycle, 100-kw power with less than 1 percent voltage and frequency regulation.

*c. Generator.* For units equipped with consolidated Diesel model 4180 generator sets and/or General Electric Company model 58J4445Y2Y10 generators, further information is available in applicable technical manual, as shown on nameplate or in DA Pam 310-4. For further information and description about Consolidated Diesel model 4115 generator sets and/or General Electric Company model 4115-0022 generators refer to applicable technical manuals, as shown on nameplate or in DA Pam 310-4. Applicable technical

manuals, as shown on generator set nameplates or in DA Pam 310-4, contain additional information about Detroit Diesel Generator Sets models 6910 and 6910A and Delco-Remy model 1-4676 generators.

*d. Engines.* For detailed description and further engine information refer to applicable technical manuals, as shown on nameplate or in DA Pam 310-4, for Detroit Diesel models 6910, 6910A series 6-71 engines, Continental Motors engine model SD802, spec 6001, and Continental Motors model SD802 engine.

*e. Trailer.* For description and further information about the M-353 trailer, refer to applicable technical manual, as shown on trailer nameplate or in DA Pam 310-4.

*f. Lubrication.* Lubricate Detroit Diesel generator sets, models 6910 and 6910A, as directed by applicable lubrication order, as shown in DA Pam 310-4. Applicable lubrication orders, as shown in DA Pam 310-4, contain lubricating instructions for Consolidated Diesel models 4115 and 4180 generator sets. Lubricate the M-353 trailer as outlined in applicable lubrication order, as shown in DA Pam 310-4.

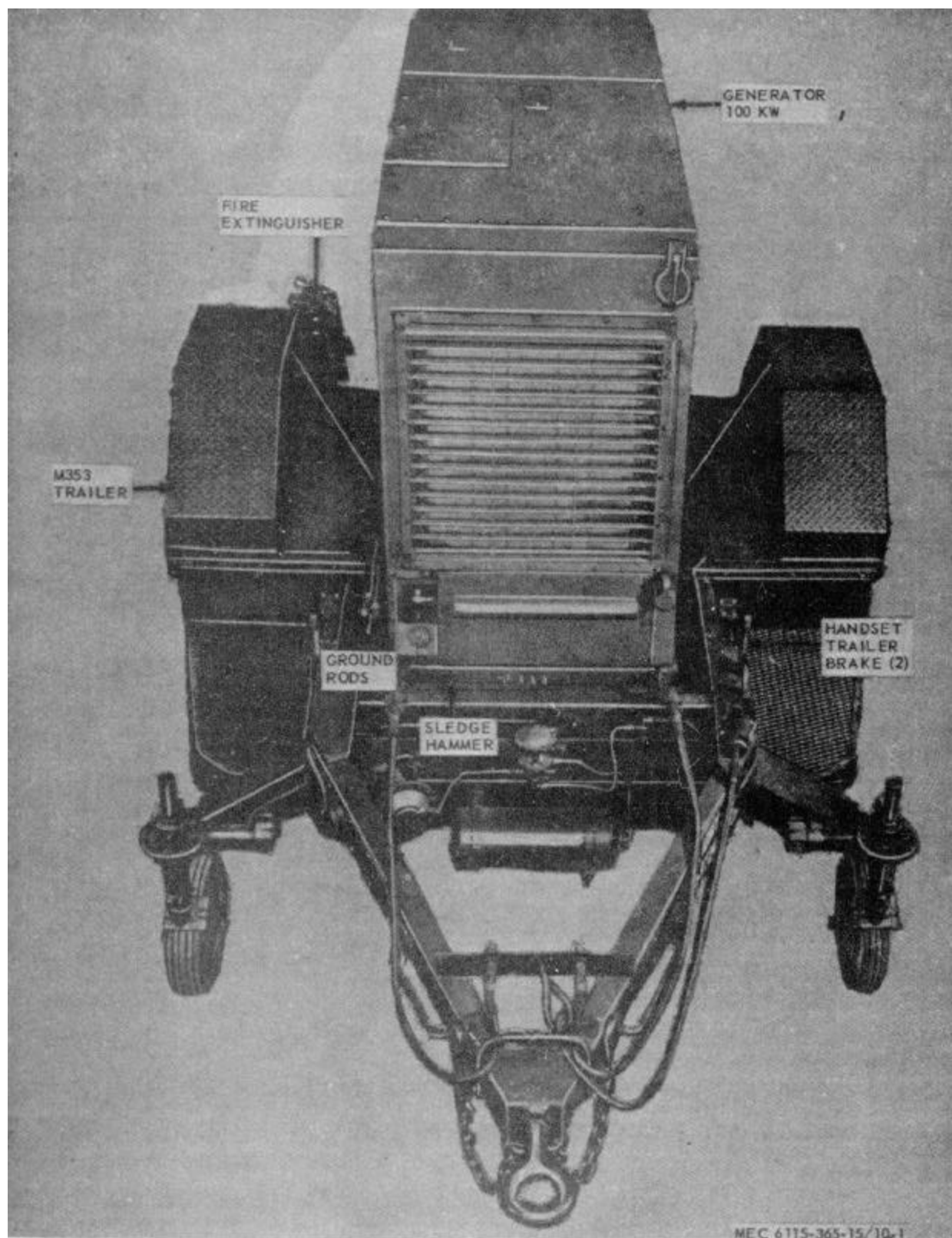


Figure 10-1. Generator Set PU-495/G.

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE			MAINT DEPOT	FIGURE NO.	ITEM NO.	
									MANUFACTURER'S						
									CODE	PART NO.					
1-5	6-10	100 EQUIPMENTS													
0001						SECTION II - REPAIR PARTS LIST									
0002						GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS									
0003						1501 - FRAME ASSEMBLY									
0004		X2O				BRACKET, MOUNTING, GROUND ROD	97403	13214E1288	1	*	*	*	*	*	
0005		X2O				BRACKET	14850	A116-726	1	*	*	*	*	*	
0006		X2O				HOLDER	14850	D116-125Y	1	*	*	*	*	*	
0007		X2O				SCREW, CAP, HEXAGON HEAD: GROUND ROD MTG	96906	MS90725-33	2	*	*	*	*	*	
0008		O			5310-081-4219	WASHER, FLAT: GROUND ROD MTG	96906	MS27183-12	2	*	*	*	*	*	
0009		O			5310-984-3806	NUT, SELF-LOCKING, HEXAGON: GROUND ROD MOUNTING	96906	MS51922-9	2	*	*	*	*	*	
0010		X2O				BRACKET, DOUBLE ANGLE, SLEDGE HAMMER	97403	13214E1214	1	*	*	*	*	*	
0011		X2O				BRACKET	14850	D116-741X	1	*	*	*	*	*	
0012		X2O				HOLDER	14850	D116-741X	1	*	*	*	*	*	
0013		X2O			5340-914-2578	CLIP, SPRING TENSION: SLEDGE HAMMER BRACKET	97403	1321E11213-1	1	*	*	*	*	*	
0014		O			5310-068-1251	NUT, SELF-LOCKING, HEXAGON: SLEDGE HAMMER BRACKET MTG	96906	MS51922-1	3	*	*	*	*	*	
0015		O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: SLEDGE HAMMER BRACKET MTG	96906	MS90725-6	3	*	*	*	*	*	
0016		O			5310-809-4858	WASHER, FLAT: SLEDGE HAMMER BRACKET	96906	MS27183-10	3	*	*	*	*	*	
0017		X2O			5307-722-2437	STUD, CONTINUOUS THREAD: GROUND WIRE	97430	13214E1223	1	*	*	*	*	*	
0018		O			5310-720-0530	NUT, PLAIN, HEXAGON: GROUND	96906	MS35691-6	3	*	*	*	*	*	
0019		O			5310-543-4717	NUT, PLAIN, WING: GROUND STUD	96906	MS35425-28	1	*	*	*	*	*	
0020		O			5310-900-6323	WASHER, FLAT: GROUND STUD	96906	MS45901-7	4	*	*	*	*	*	
0021		X2O				WASHER, LOCK, FLAT, EXTERNAL TOOTH: GROUND STUD, BRONZE 3/8 IN. ID	96906	MS35335-91	1	*	*	*	*	*	
0022		X2O			5975-878-3791	ROD, GROUND			1	*	*	*	*	*	
0023						GROUP 18 - BODY, CAB, HOOD AND HULL									
0024						1808 - STOWAGE RACKS, BOXES, STRAPS, CARRYING CASES, CABLE REELS, HOSE REELS, ETC.									
0025		X2O			6115-705-460	BOX, ACCESSORY, STOWAGE	97403	13214E1273	1	*	*	*	*	*	
0026		O			5310-984-38D6	NUT, SELF-LOCKING, HEXAGON: ACCESSORY BOX MTG	96906	MS51922-9	2	*	*	*	*	*	
0027					5306-225-8499	BOLT, MACHINE: ACCESSORY BOX MTG	96906	MS90725-34	2	*	*	*	*	*	
0028		O			5310-081-4219	WASHER, FLAT: ACCESSORY BOX MTG	96906	MS27183-12	2	*	*	*	*	*	
0029						1810 - CARGO BODY (DUMP, STAKE, AND PLATFORM)									
0030		X2FR			2330-542-2831	CHASSIS, TRAILER	97403	13214E1314	1	*	*	*	*	*	
0031						GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS									
0032						2202 - ACCESSORY ITEMS									
0033		X2O			7240-177-6159	SPOUT, CAN, FLEXIBLE	96906	MILS1235	1	*	*	*	*	*	
0034		X2O			2910-066-1235	ADAPTER ASSEMBLY, FUEL DRUM	97403	13211E7541	1	*	*	*	*	*	
0035						2210 - DATA PLATES AND INSTRUCTION HOLDERS									
0036		X2F			9905-577-4219	PLATE, DATA: CORPS or ENGINEERS, TYPE A	97403	13212E1399	1		*	*	*	*	
0031		F			5310-050-2950	WASHER, LOCK: DATA PLATE MTG	96906	MS35337-77	4		*	*	*	*	
0030		F			5305-058-2088	SCREW, TAPPING, THREAD FORMING: DATA PLATE MTG			4		*	*	*	*	
0039						GROUP 40 - ELECTRIC MOTORS AND GENERATORS									
0040						4000 - MAJOR ASSEMBLAGE									
0041		X2FR			6115-752-1588	GENERATOR SET, DIESEL ENGINE: 100 KW			1		*	*	*	*	
0042		F			5306-180-0094	BOLT, MACHINE: GENERATOR MTG	88044	AN10-14A	4		*	*	*	*	
0043		F			5310-269-4044	NUT, SELF-LOCKING, HEXAGON: GENERATOR MOUNTING	96906	MS51922-49	4		*	*	*	*	
0044		X2F				WASHER, BEVELED: GENERATOR MTG	97403	13206E4482-3	4		*	*	*	*	
0045		F			5310-823-8803	WASHER, FLAT: GENERATOR MTG	96906	MS27183-21	4		*	*	*	*	
0046						4019 - RADIO INTERFERENCE SUPPRESSION									
0047		M O				WIRE, ELECTRICAL: GENERATOR TO GROUND STUD	81349	QQW343	1						
0048		P O			6145-857-6903	MANUFACTURE FROM: WIRE, ELECTRICAL (LENGTH AS REQUIRED)			FT		SEE GRP 9501				

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UIC	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE			MAINT DEPOT	FIGURE NO.	ITEM NO.	
									MANUFACTURER'S						
									ORGANIZATION	DS	GS				
									1-5	6-10	100 EQUIPMENTS				
0049					GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS										
0050					7603 - FIRE EXTINGUISHERS										
0051	P	O			4210-270-4512	EXTINGUISHER, FIRE		1	*	*	*	*	*		
0052	X2O				4210-268-729	BRACKET, FIRE EXTINGUISHER	97403	1	*	*	*	*	*		
0053		O			5306-225-8497	SCREW, CAP, HEXAGON HEAD: BRACKET MTG	96906	4	*	*	*	*	*		
					5310-081-4219	WASHER, FLAT: BRACKET PT	96906	4	*	*	*	*	*		
0055		O			5310-984-3806	NUT, SELF-LOCKING, HEXAGON: BRACKET MTG	96906	4	*	*	*	*	*		
0056						GROUP 95 - GENERAL USE STANDARDIZED PARTS									
0057						9501 - BULK MATERIAL									
0058	P	O			6145-857-6903	WIRE, ELECTRICAL	FT		*	*	*	*	*		

## CHAPTER 11

GENERATOR SETS PU-332/G AND PU-332A/G

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## Section I. DESCRIPTION AND DATA

**11-1. Description**

a. *General.* A 10-kw, 60-cycle, ac generator directly coupled to a 4-cylinder, 20-hp, water or aircooled gasoline engine, mounted on a 2-wheeled, box type steel body, 3/4-ton capacity, model M101 trailer, comprise the general purpose Generator Sets PU-332/G and PU-332A/G.

b. *Difference in Models.* The PU-332A/G unit has a Military Standard, model SF-10-MD, aircooled, 10-kw, 60-cycle, 120/208-volt, 3-wire generator powered by a Military Standard gasoline engine model 4A0482. The PU-332/G unit does not have a Military Standard generator and engine.

c. *Generator.* For description and further generator information refer to applicable technical manual, as shown on nameplates or in DA Pam 310-4, for Military Standard model SF-10-MD and Bogue Electric Company model 5660.

d. *Power Units.* For description and further information for sets equipped with PE-95 power units

refer to applicable technical manuals, as shown on generator set nameplates or in DA Pam 310-4.

e. *Engines.* Applicable technical manuals, as shown on nameplates or in DA Pam 310-4, contain descriptive and additional information about sets furnished with model 4A084-11 Military Standard engines. For additional information about sets equipped with Willys Overland model CJ-3a engines refer to applicable technical manual, as shown on nameplate or in DA Pam 310-4.

f. *Trailer.* For further trailer information refer to applicable technical manual, as shown on trailer nameplate or in DA Pam 310-4.

g. *Lubrication.* Lubricate the trailer as outlined in applicable lubrication order, as shown in DA Pam 310-4. Applicable lubrication order, as shown in DA Pam 310-4, contains instructions for lubricating the Military Standard engines model 4A084-11. Lubricate power unit PE-95 as instructed in applicable lubrication order, as shown in DA Pam 310-4.

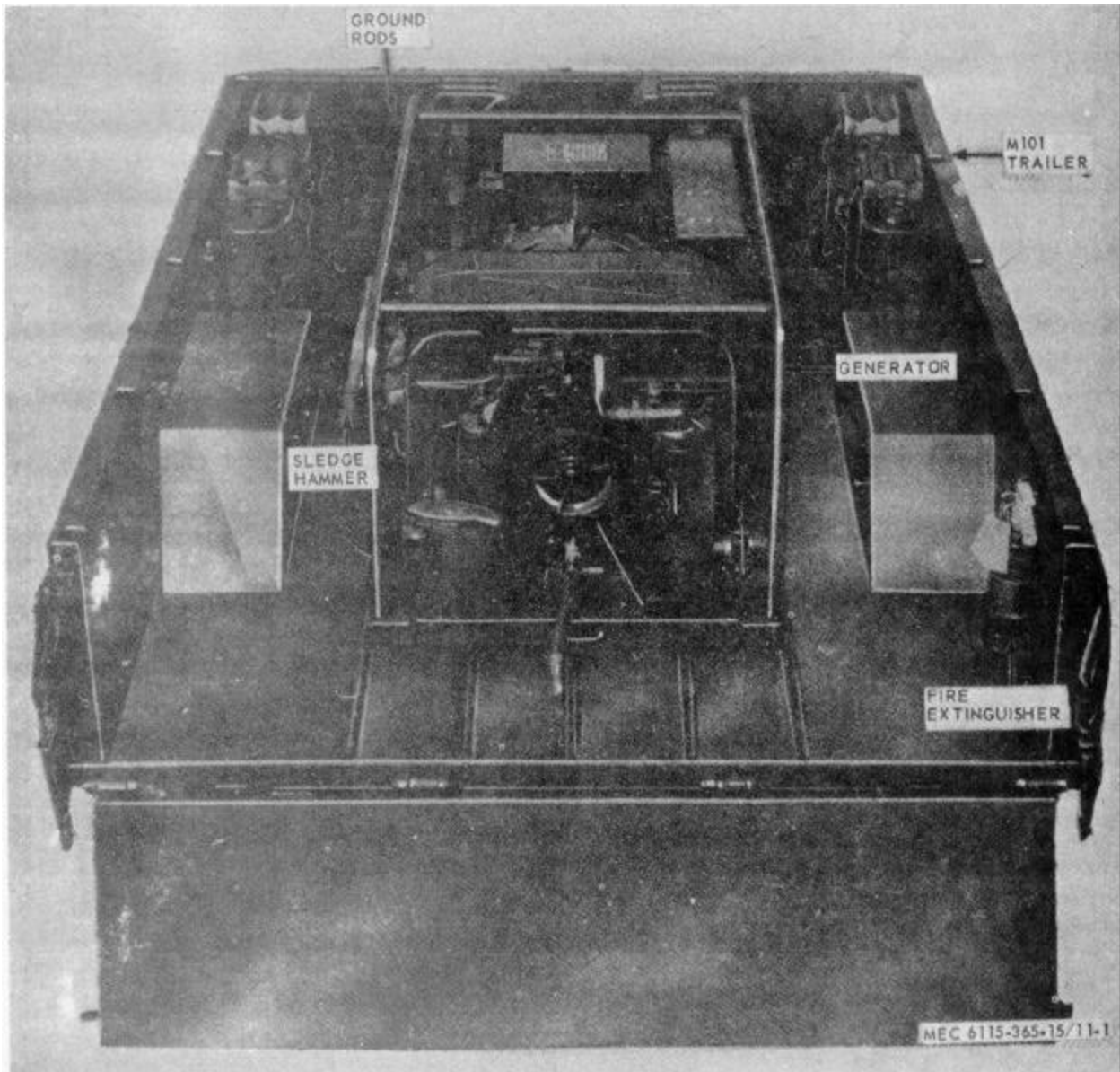


Figure 11-1. Generator Set PU-332A/G.

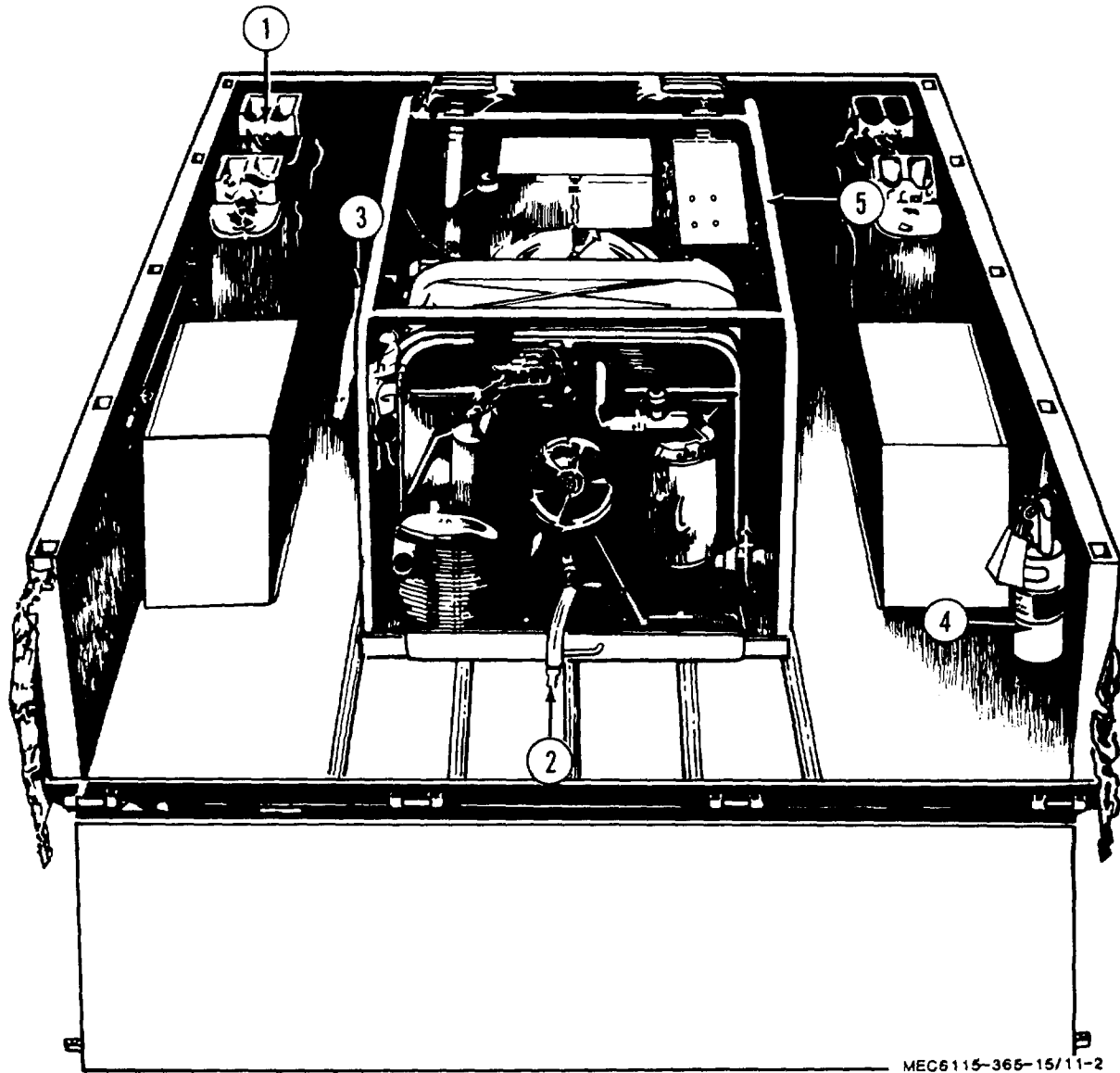
## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION		UNIT OF ISSUE	QTY INCORPORATED IN U/I	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST		
	MATERIAL	SOURCE	MAINT						RECOVERABILITY	15 DAYS MAINTENANCE				MAINT DEPOT	FIGURE NO.	ITEM NO.
										MANUFACTURER'S						
										ORGANIZATION	DS	GS				
										1-5	6-10	100 EQUIPMENTS				
0002					GROUP 01 – ENGINE											
0003					0106 - ENGINE LUBRICATION SYSTEM											
0004	X2O			4730-278-3888	REDUCER BUSHING: 3/4-14 NPTF EXTERNAL THREAD X 1/2-14 NPTF INTERNAL THREAD, OIL DRAIN	81343	SAEJ530	1	*	*	*	*	*			
0005	X2O			4720-91-61422	HOSE, OIL DRAIN	97403	13211E4918	1	*	*	*	*	*			
0006	O			4730-766-7908	7908 UNION, FLARED TUBE, BULKHEAD: OIL DRAIN	08044	AN832-10	1	*	*	*	*	*		11-22	
0007	O			5310-059-6372	WASHER, LOCK: OIL DRAIN HOSE UNION	96906	MS5337-52	1	*	*	*	*	*			
0008	O			5310-282-7822	NUT, UNION: OIL DRAIN HOSE	88044	AN924-10	1	*	*	*	*	*			
0009					GROUP 04 - EXHAUST SYSTEM											
0010					0401 - MUFFLER AND PIPES											
0011	X2O			6115-914-0258	HOSE ASSEMBLY, METAL	97403	13212E3620	1	*	*	*	*	*			
0012	X2O				CLAMP, EXHAUST TUBE SECURING	97403	13213E3622	1	*	*	*	*	*			
0013	O			5310-209-5306	WASHER, LOCK	96906	MS35337-24	1	*	*	*	*	*			
0014	O			5310-012-0614	NUT, PLAIN, HEXAGON	96906	MS35650-102	1	*	*	*	*	*			
0015	O			5305-043-6755	SCREW, MACHINE	96906	MS35226-68	1	*	*	*	*	*			
0016	O			5310-550-0777	NUT, PLAIN, HEXAGON: HOOK	96906	MS35690-402	2	*	*	*	*	*			
0017					GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS											
0018					1501 - FRAME ASSEMBLY											
0019	X2O			2510-706-4504	BRACKET ASSEMBLY, FUEL CAN	97403	13214E1203	6	*	*	*	*	*			
0020	X2O				HOOK, DRIP -AIL: STRAP	97403	13212E3616	6	*	*	*	*	*			
0021	X2O				FASTENER	97403	13214E1205	6	*	*	*	*	*			
0022	X2O				BUCKLE	96906	MS1940-7	12	*	*	*	*	*			
0023	M O				STRAP: TOP	97403	13214E1203-2	6								
0024	P O			8305-267-3009	MANUFACTURE FROM: WEBBING, NYLON (30 IN REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE GRP 9501							
0025	M O				STRAP: BOTTOM	97403	13214E1203-3	6								
0026	P O			8305-267-3009	MANUFACTURE FROM: WEBBING, NYLON (18 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE GRP 9501							
0027	X2O				BRACKET	97403	13214E1204	6	*	*	*	*	*			
0028	X2O				SCREW, CAP, HEXAGON HEAD: FUEL CAN	96906	MS90725-59	24	*	*	*	*	*			
0029	O			5310-809-4061	BRACKET MTD, 3/8-16 X 7/8 IN. LG	96906	MS27183-15	24	*	*	*	*	*			
0030	O			5310-087-4652	WASHER, FLAT: FUEL CAN BRACKET MTG	96906	MS51922-17	24	*	*	*	*	*			
0031	X2O				NUT, SELF-LOCKING, HEXAGON: FUEL. CAN	96906	MS51939-2	4	*	*	*	*	*			
0032	O			5305-984-6211	BRACKET MTG	96906	MS35206-264	8	*	*	*	*	*			
0033	O			5310-069-8546	LOOP, STRAP FASTENER: FUEL CAN	96906	MS27183-8	8	*	*	*	*	*			
0034	O			5310-167-0662	SCREW, MACHINE: LOOP MTG	96906	MS35337-43	8	*	*	*	*	*			
0035	O			5310-102-0361	WASHER, FLAT: LOOP MTG	96906	MS35649-102	8	*	*	*	*	*			
0036	O			5310-984-3806	WASHER, LOCK: LOOP MTG	96906	MS51922-9	4	*	*	*	*	*			
0037	X2O			6115-016-2362	NUT, PLAIN, HEXAGON: LOOP MTG	97403	13211E4889-1	4	*	*	*	*	*			
0038	O			5305-889-3000	NUT, SELF-LOCKING, HEXAGON: ADAPTER	96906	MS35206-230	8	*	*	*	*	*			
0039	O			5310-082-1404	HOLDER MTG	96906	MS27183-6	8	*	*	*	*	*			
0040	O			5310-013-1181	WASHER, FLAT: EXTENSION HOLDER MTG	96906	MS35337-22	8	*	*	*	*	*			
0041	O			5310-062-0912	WASHER, LOCK: EXTENSION HOLDER MTG	96906	MS35649-64	8	*	*	*	*	*			
0042	X2O			7240-920-5327	NUT, PLAIN, HEXAGON: EXTENSION HOLDER	96906	MS35649-64	8	*	*	*	*	*			
0043	O			5306-225-8497	MOUNTING	97403	13212E3553-1	2	*	*	*	*	*			
0044	O			5310-081-4219	HOLDER, SPOUT	96906	MS90725-32	4	*	*	*	*	*			
0045	X2O				BOLT, MACHINE: ADAPTER HOLDER MTD, 5/16-18 X 3/4 IN. LD	96906	MS27183-12	8	*	*	*	*	*			
0046	X2O				WASHER, FLAT: ADAPTER HOLDER MTD	97403	13214E1214	1	*	*	*	*	*		11-2 3	
0047	O			5310-012-6177	BRACKET, DOUBLE ANGLE	97403	13214E1215	1	*	*	*	*	*			
0048	O				BRACKET	96906	MS35425-39	2	*	*	*	*	*			
0049	O			5310-012-0392	NUT, PLAIN, WING	97403	13214E1216	1	*	*	*	*	*			
0050	O			5310-043-5862	PLATE, HOLD DOWN	96906	MS27183-10	2	*	*	*	*	*			
0051	X2O			5340-914-2578	WASHER, FLAT	96906	MS35337-82	2	*	*	*	*	*			
0052	O			5305-068-0502	WASHER, LOCK	97403	13214E1213-1	1	*	*	*	*	*			
0053	O			5310-809-4058	CLIP, SPRING TENSION: SLEDGE HAMMER HANDLE	97403	13214E1213-1	1	*	*	*	*	*			
					SCREW, CAP, HEXAGON HEAD: SLEDGE HAMMER	96906	MS90725-6	3	*	*	*	*	*			
					BRACKET AND SPRING CLIP MTG	96906	MS27183-10	10	*	*	*	*	*			
					WASHER, FLAT: SLEDGE HAMMER BRACKET, SPRING CLIP AND AROUND ROD CLAMP MTG	96906	MS27183-10									

LINE NO.	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UUT	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST		
	MATERIAL	SOURCE	MAINT					RECOVERABILITY	15 DAYS MAINTENANCE				MAINT DEPOT	FIGURE NO.	ITEM NO.
									MANUFACTURER'S						
									ORGANIZATION	DS	GS				
					CODE	PART NO.		1-5	6-10	100 EQUIPMENTS					
0054		O			5310-088-1251	NUT, SELF-LOCKING, HEXAGONS SLEDGE HAMMER BRACKET SPRING CLIP AND GROUND ROD CLAMP MTG	96906 MS51922-1	7	*	*	*	*	*		
0055		X2O				STRAP, RETAINING	97403 13212E3617	2	*	*	*	*	*		
0056		O			5305-958-5246	SCREW, MACHINES: GROUND ROD CLAMP MTG	96906 MS35190-289	4	*	*	*	*	*		
0057		O			5310-526-2559	CLAMP, CUSHIONED: GROUND WIRE	96906 MS21919F2	2	*	*	*	*	*		
0058		O			5305-984-6211	SCREW, MACHINE GROUND WIRE CLAMP MTG	96906 MS35206-264	2	*	*	*	*	*		
0059					5310-809-8546	WASHER, FLATS GROUND WIRE CLAMP MTG	96906 M627183-8	4	*	*	*	*	*		
0060		O			5310-167-0662	WASHER, LOCK: GROUND WIRE CLAMP MTG	96906 M35337-13	2	*	*	*	*	*		
0061		O			5310-012-0361	NUT, PLAIN, HEXAGON GROUND WIRE CLAMP MOUNTING	96906 MS35649-102	2	*	*	*	*	*		
0062		X2O			5307-722-9437	STUD, CONTINUOUS THREAD: GROUND	97403 13214E1223	1	*	*	*	*	*		
0063		X2O				WASHER, LOCK: BRONZE EXTERNAL TOOTH 3/8 IN., GROUND STUD	96906 MS35335-91	2	*	*	*	*	*		
0064		O			5310-720-8531	NUT, PLAIN, HEXAGON: BRAGS, GROUND STUD TO TRAILER	96906 MS35691-611	2	*	*	*	*	*		
0065		X2O			5310-900-6323	WASHER, FLAT: BRASS, GROUND STUD, .390 ID	96906 MS45901-7	4	*	*	*	*	*		
0066		O			5310-720-8528	NUT, PLAIN, HEXAGONS BRASS, GROUND STUD	96906 MS35690-611	2	*	*	*	*	*		
0067		O			5310-543-4717	NUT, PLAIN, WING: BRASS, GROUND STUD	96906 MS35425-28	1	*	*	*	*	*		
0068						1507 - LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)									
0069		X2O			2590-318-6691	LEG ASSEMBLY, TRAILER PROP	97403 13214E1206	1	*	*	*	*	*		
0070		X2O				BRACKET	97403 13214E1207	1	*	*	*	*	*		
0071		X2O				LEG ASSEMBLY, UPPER	97403 13214E1208	1	*	*	*	*	*		
0072		X2O				CHAIN: PIN RETAINING	97403 13214E1208-	1	*	*	*	*	*		
0073		X2O				PIN	97403 13214E1208-	1	*	*	*	*	*		
0074		X2O				LEG, BASE	97403 13214E1212	1	*	*	*	*	*		
0075						SHAFT	97403 13214E1209	1	*	*	*	*	*		
0076		O			4730-172-0049	FITTING, LUBRICATION	96906 MS15006-1	1	*	*	*	*	*		
0077		X2O				SCREW	97403 13214E1210	1	*	*	*	*	*		
0078		X2O				NUT	97403 13214E1211	1	*	*	*	*	*		
0079		X2O				RIVET, SOLID, UNIVERSAL HEAD: 1/4 IN. DIA, 2 IN. LG	96906 MS20613-8P32	1	*	*	*	*	*		
0080		X2O				PIN, COTTER: 1/8 IN. DIA, 3/4 IN. LG	96906 MS24665-351	1	*	*	*	*	*		
0081		O			5305-269-3213	SCREW, CAP, HEXAGON HEAD: LEG ASSEMBLY TO TRAILER, 3/8-16 X 1 1/4 IN LG	96906 MS20613-8P62	3	*	*	*	*	*		
0082		O			5310-809-4061	WASHER, FLAT: LEG ASSEMBLY TO TRAILER	96906 MS27183-15	6	*	*	*	*	*		
0083		O			5310-087-4652	NUT, SELF-LOCKING, HEXAGON: LEG ASSEMBLY TO TRAILER	96906 MS51922-17	3	*	*	*	*	*		
0084						GROUP 18 - BODY, CAB, HOOD AND HULL									
0085						1801 - BODY, CAB, HOOD, HILL ASSEMBLIES									
0086		X2F			2330-898-6779	TRAILER M101A1	97403 13214E1225-1	1	*	*	*	*	*		
0087						GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS									
0088						2202 - ACCESSORY ITEMS									
0089		X2O			2910-166-235	ADAPTER ASSEMBLY, FUEL TANK	97403 13211E7541	2	*	*	*	*	*		
0090		X2O				PIPE	97403 13211E7543	2	*	*	*	*	*		
0091		X2O				WASHER, BRASS	97103 13211E7544	2	*	*	*	*	*		
0092		X2O				SCREW, SHOULDER	97403 13211E7545	4	*	*	*	*	*		
0093		X2O				RING, SEALING	97403 13211E7546	2	*	*	*	*	*		
0094		X2O				WASHER, RUBBER	97403 13211E7547	2	*	*	*	*	*		
0095		X2O				HEAD	97403 13211E7548	2	*	*	*	*	*		
0096		X2O				WASHER, STEEL	97403 13200E6361	2	*	*	*	*	*		
0097		X2O				CLAMP	97403 13200E6363	2	*	*	*	*	*		
0098		O			5310-209-1239	WASHER, LOCK: SHOULDER SCREW	96906 1635335-60	1	*	*	*	*	*		
0099		X2O				PIPE, EXTENSION	97403 13211E7542	2	*	*	*	*	*		
0100		O			4730-278-3357	ADAPTER, STRAIGHT: HOSE		2	*	*	*	*	*		
0101		X2O			7240-222-3088	CAN, GASOLINE: MILITARY, 5 GAL		6	*	*	*	*	*		
0102						2210 - DATA PLATES AND INSTRUCTION HOLDERS									
0103		X2F			9905-577-4219	PLATE, DATA: CORPS or ENGINEER, TYPE A	97403 13212E3599	1			*	*	*		
0104		F			5310-058-2950	WASHER, LOCK: DATA PLATE MTG	96906 MS35337-77	4			*	*	*		
0105		F			5320-058-2088	SCREW, TAPPING, THREAD FORMING: DATA PLATE NYC, No. 2-32 X 1/4 IN. LG	96906 MS24622-3	4			*	*	*		



LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UIC	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE				MAINT DEPOT	FIGURE NO.	ITEM NO.	
									MANUFACTURER'S							
									ORGANIZATION	DS	GS					
									1-5	6-10	100 EQUIPMENTS					
0106 0107					GROUP 40 - ELECTRIC MOTORS AND GENERATORS 4000 - MAJOR ASSEMBLAGE											
0108	X2FR			6115-075-1641	GENERATOR SET, GASOLINE ENGINE DRIVEN: 10 KW MIL-G-52280			1			*	*	*	11-25		
0109	F			5305-724-5910	SCREW, CAP, HEXAGON HEAD: generator frame to trailer, 5/8-11 X 1 1/2 in. lg	96906	MS90725-162	4			*	*	*			
0110	F			5310-823-8803	WASHER, FLAT: generator frame to trailer, .656 in.	96906	MS27183-21	8			*	*	*			
0111	X2F				SPACER, SHIM	97403	13214E1222-3	4			*	*	*			
0112	X2F			5310-269-4040	NUT, SELF-LOCKING, HEXAGON: generator frame to trailer, 5/8-11	96906	MS51922-49	4			*	*	*			
0113 0114	M O				4019 - RADIO INTERFERENCE SUPPRESSION WIRE, ELECTRICAL: generator to ground stud			1			*	*	*			
0115 0116	P O			6145-299-6188	MANUFACTURE FROM: WIRE (Length as required) GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS 7603 - FIRE EXTINGUISHERS				SEE	GRP	9501					
0117 0118 0119	P1O O			4210-555-8837 5305-068-0502	EXTINGUISHER, FIRE SCREW, CAP, HEXAGON HEAD: extinguisher mtg, 1/4-20 x 3/4 in. lg	96906 96906	MS90725-6 MS27183-10	1 4 8	*	*	*	*	*	*	11-24	
0120	O			5310-809-4058	WASHER, FLAT: extinguisher mtg				*	*	*	*	*			
0121	O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON: extinguisher mounting	96906	MS51922-1	4	*	*	*	*	*			
0122					GROUP 95 - GENERAL USE STANDARDIZED PARTS											
0123					9501 - BULK MATERIAL											
0124 0125	P O P O			8305-267-3009 6145-299-6188	WEBBING, NYLON WIRE, ELECTRICAL	06716	1403	FT FT	*	*	*	*	*	*		



- 1 Can
- 2 Hose
- 3 Bracket

- 4 Extinguisher
- 5 Generator

Figure 11-2. Accessories.

## CHAPTER 12

### GENERATOR SETS PU-564A/G, FSN 6115-738-6341

### AND PU-564B/G, FSN 6115-179-2789

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#### Section I. DESCRIPTION AND DATA

##### 12-1. Description

a. *General.* The trailer mounted generator sets, PU-564A/G and PU-564B/G, consist of a 10 KW, DOD Model MEP-018A generator set mounted on a modified 1-1/2ton, 2-wheel cargo trailer, Model M105A1 or M105A2 (PU564A/G), or a Model 103A3 (PU564B/G).

b. *Generator.* The generator is powered by a directly-coupled 4-cylinder, air-cooled, 20-hp, Military Standard Model 4A084 gasoline engine. For description

and generator operation and maintenance, refer to TM 5-6115-275-15.

c. *Engines.* For description and engine maintenance information, refer to TM 5-2805-259-14.

d. *Trailers.* For description and maintenance of the trailers, refer to TM 9-233-0213-14.

e. *Lubrication.* For lubrication of the engine refer to LO 5-2805-259-12. The trailer lubrication information is contained in LO 9-2330-213-12.

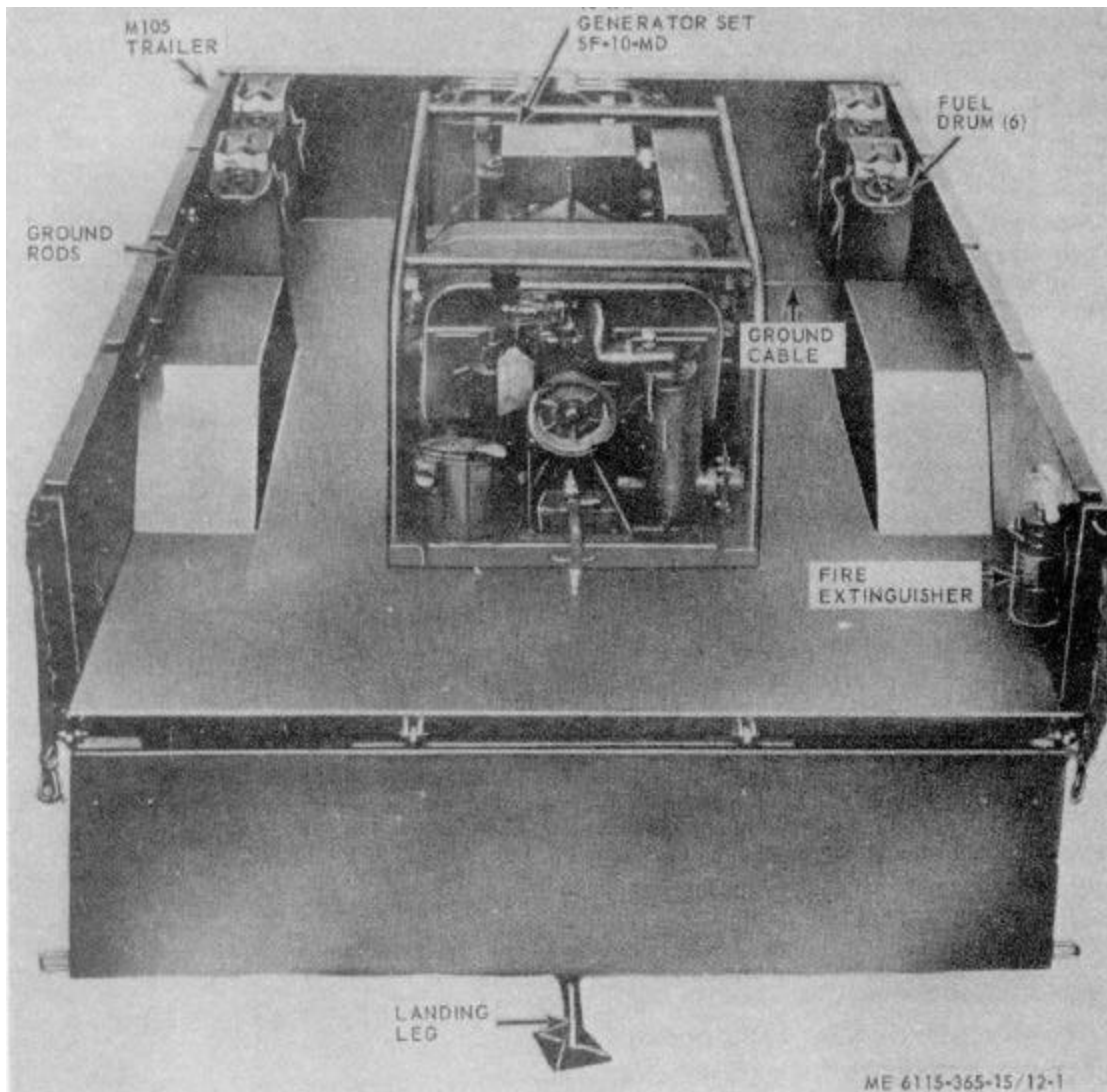


Figure 12-1. Generator set, PU-564A/G.

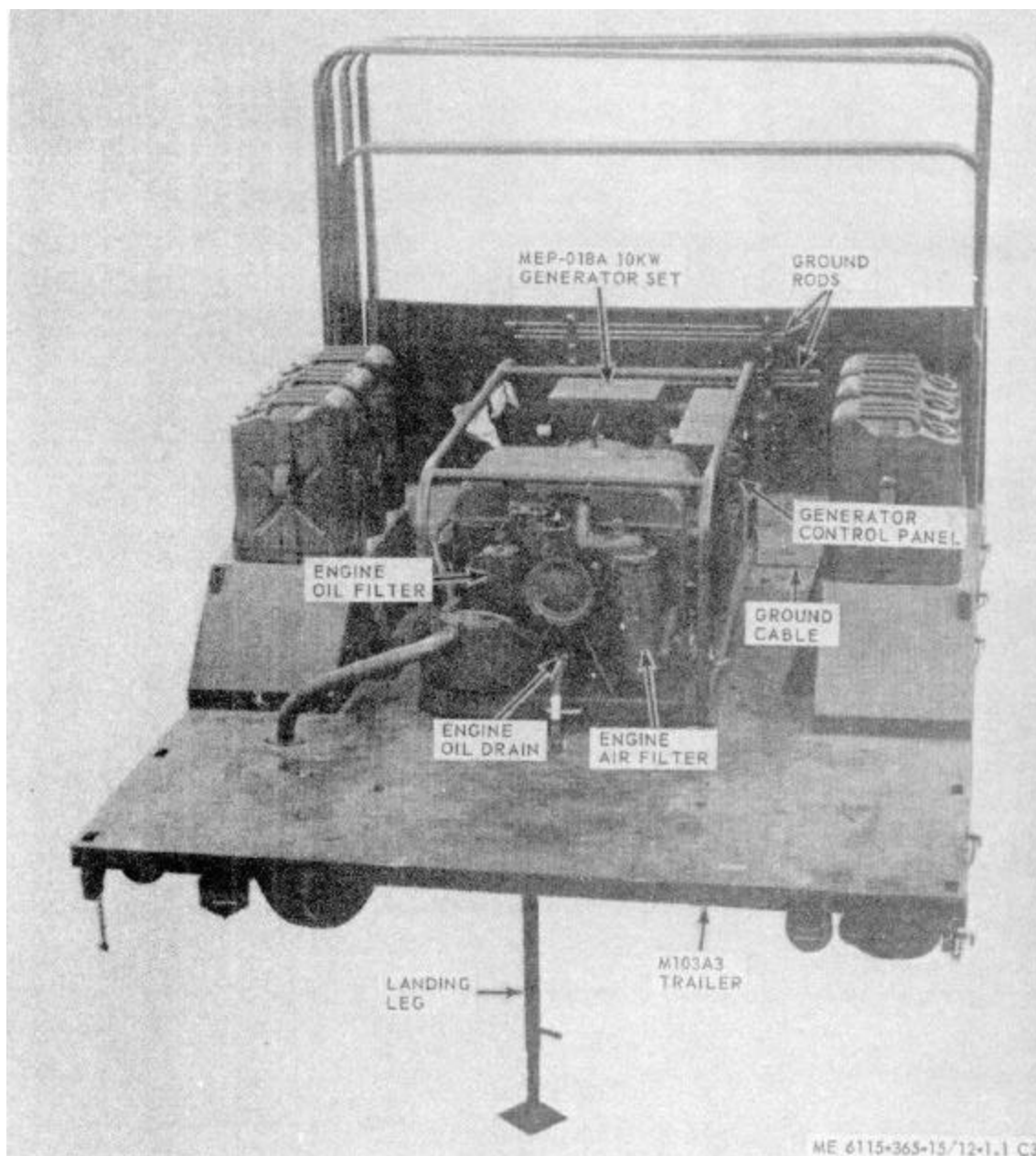


Figure 12-1.1. Generator set, PU564B/G.

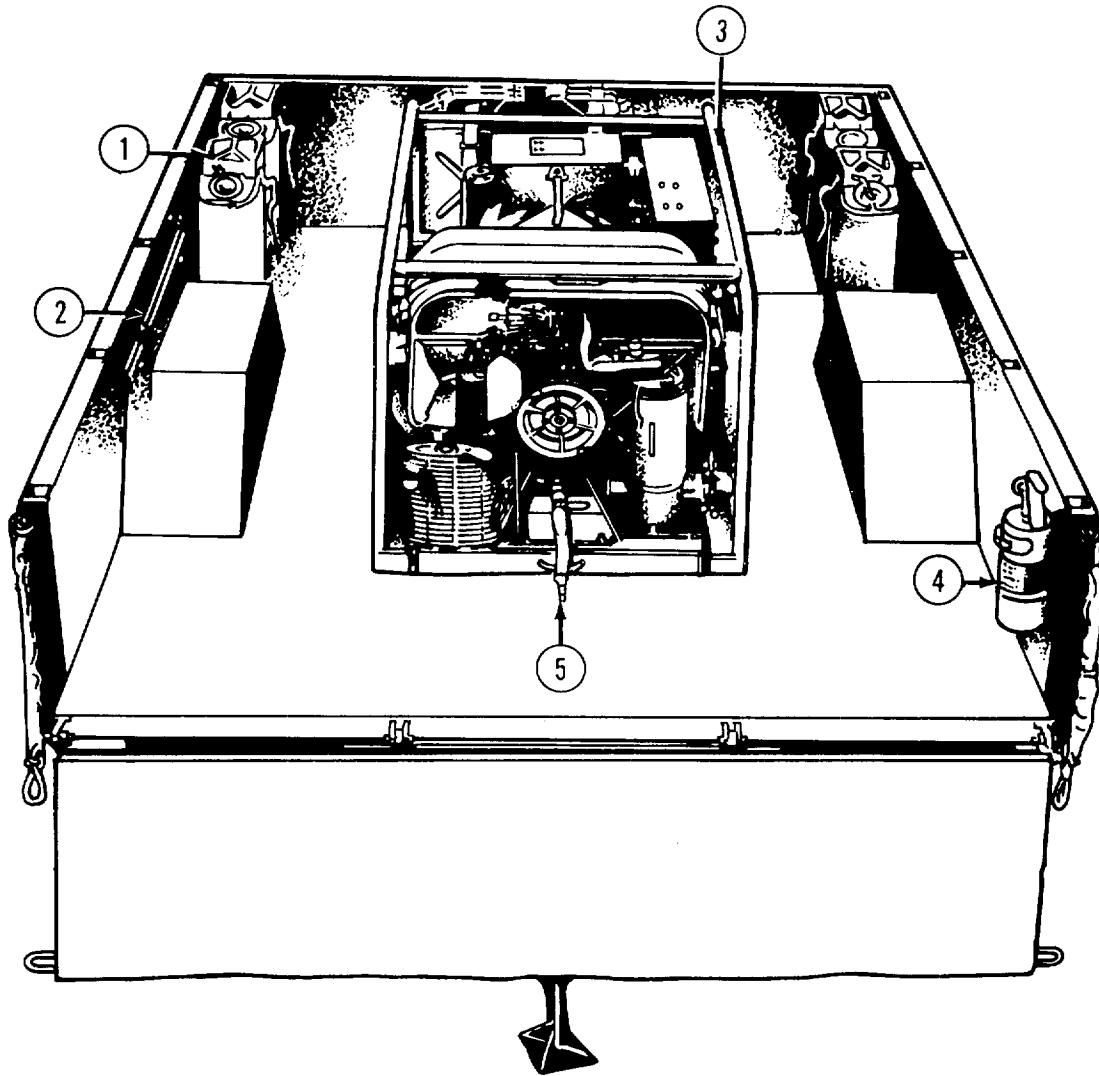
## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION			UNIT OF ISSUE	QTY INCORPORATED IN UNIT	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST		
	MATERIAL	SOURCE	MAINT	RECOVERABILITY							15 DAYS MAINTENANCE					MAINT DEPOT	FIGURE NO.	ITEM NO.	
											ORGANIZATION			DS	GS				
0002					GROUP 01 - ENGINE														
0003					0106 - ENGINE LUBRICATION SYSTEM														
0004		X2O			4730-278-3888	BUSHING, PIPE: OIL DRAIN	81343	SAEJ530		1	*	*	*	*	*				
0005		X2O			4720-913-6422	HOSE, ASSEMBLY, RUBBER	97403	13211E4918		1	*	*	*	*	*				
0006		O			4730-277-6440	NIPPLE, TUBE: OIL DRAIN	88044	AN832-10		1	*	*	*	*	*				
0007					5310-059-6372	WASHER, LOCK: OIL DRAIN HOSE UNION	96906	S3537-52		1	*	*	*	*	*				
0008		O			5310-202-7822	NUT, PLAIN, HEXAGON: OIL DRAIN HOSE	88044	MS24400-10		1	*	*	*	*	*				
0009					GROUP 04 - EXHAUST SYSTEM														
0010					0401 - MUFFLER AND PIPES														
0011		X2O			6115-914-0258	HOSE ASSEMBLY, METAL	97403	13212E3620		1	*	*	*	*	*				
0012		X2O				CLAMP, EXHAUST TUBE SECURING	97403	13212E3622		1	*	*	*	*	*				
0013		O			5310-209-5306	WASHER, LOCK	96906	MS35337-24		1	*	*	*	*	*				
0014					5310-012-0614	NUT, PLAIN, HEXAGON	96906	MS35650-102		1	*	*	*	*	*				
0015					5305-043-6755	SCREW, MACHINE	96906	MS35226-68		1	*	*	*	*	*				
0016					5310-550-0777	NUT, PLAIN	96906	MS35690-402		1	*	*	*	*	*				
0017					GROUP 05 - COOLING SYSTEM														
0018					0501 - RADIATOR, EVAPORATIVE COOLER, OR HEAT EXCHANGER														
0019		X2O			2510-706-4504	BRACKET, LIQUID CONTAINER	97403	13214E1203		6	*	*	*	*	*				
0020		X2O				HOOK, DRIP RAIL: STRAP	97403	13212E3616		6	*	*	*	*	*				
0021		X2O				FASTENER	97403	13214E1205		6	*	*	*	*	*				
0022		X2O				BUCKLE	96906	MS51940-7		12	*	*	*	*	*				
0023		M O				STRAP: TOP	97403	13214E1203-2		6	*	*	*	*	*				
0024		P O			8305-267-3009	MANUFACTURE FROM- WEBBING, NYLON (30 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT		SEE GRP 9501								
0025		M O				STRAP: BOTTOM MANUFACTURE FROM:	97403	13214E1203-3		6	*	*	*	*	*				
0026		P O			305-267-30009	WEBBING, NYLON (18 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT		SEE GRP 9501								
0027		X2O				BRACKET	97403	13214E1204		6	*	*	*	*	*				
0028		O			5305-269-3210	SCREW, CAP, HEXAGON HEAD: FUEL CAN													
						BRACKET MT 3/8-16 x 7/8 IN. LG	96906	MS90725-59		24	*	*	*	*	*				
0029		O			5310-809-4061	WASHER, FLAT: FUEL CAN BRACKET MTG	96906	MS27183-15		24	*	*	*	*	*				
0030		O			5310-087-4652	NUT, SELF LOCKING, HEXAGON: FUEL CAN													
						BRACKET MTG	96906	MS51922-17		24	*	*	*	*	*				
0031		X2O				LOOP, STRAP FASTENER: FUEL CAN	96906	MS51939-2		4	*	*	*	*	*				
0032		O			5305-984-6211	SCREW, MACHINE LOOP MTG	96906	MS35206-26		8	*	*	*	*	*				
0033					5310-809-8546	WASHER, FLAT: LOOP MTG	96906	MS27183-8		8	*	*	*	*	*				
0034		O			5310-167-0662	WASHER, LOCK: LOOP MTG	96906	MS35337-13		8	*	*	*	*	*				
0035		O			5310-102-0361	NUT, PLAIN, HEXAGON: LOOP MTG	96906	MS35649-102		8	*	*	*	*	*				
0036		X2O			6115-016-2362	HOLDER, COMPONENT: FUEL DRUM ADAPTER, EXTENSION	97403	13211E4889-1		4	*	*	*	*	*				
0037					5305-889-3000	SCREW, MACHINE: EXTENSION HOLDER MTG	96906	MS35206-230		8	*	*	*	*	*				
0038		O			5310-082-1404	WASHER, FLAT: EXTENSION HOLDER MTG	96906	MS27183-6		8	*	*	*	*	*				
0039		O			5310-596-7674	WASHER, LOCK: EXTENSION HOLDER MTG	96906	MS35337-22		8	*	*	*	*	*				
0040					5310-062-0912	NUT, PLAIN, HEXAGON: EXTENSION HOLDER MOUNTING	96906	MS35649-64		8	*	*	*	*	*				
0041		X2O			7240-920-5327	HOLDER, SPOUT: FUEL DRUM ADAPTER	97403	13212E3553-1		2	*	*	*	*	*				
0042		O			5306-225-8497	BOLT, MACHINE: ADAPTER HOLDER MTG													
						5/16-18 X 3/4 IN. LO	96906	MS90725-32		4	*	*	*	*	*				
0043		O			5310-0814219	WASHER, FLAT: ADAPTER HOLDER MTG	96906	MS27183-12		8	*	*	*	*	*				
0044					5310-984-3806	NUT, SELF-LOCKING, HEXAGON: ADAPTER HOLDER MTG	96906	MS5122-9		4	*	*	*	*	*				
0045		X2O				BRACKET ASSEMBLY, SLEDGE HAMMER	97403	13214E1214		1	*	*	*	*	*				
0046		X2O				BRACKET	97403	13214E1215		1	*	*	*	*	*				
0047		O			5310-012-6177	NUT, PLAIN, WING	96906	MS35425-39		2	*	*	*	*	*				
0048		X2O				PLATE, HOLD DOWN	97403	13214E1216		1	*	*	*	*	*				
0049		O			5310-012-0392	WASHER, FLAT	96906	MS27183-10		2	*	*	*	*	*				
0050		O			5310-043-5862	WASHER, LOCK	96906	MS35337-82		2	*	*	*	*	*				
0051		X2O			5340-914-2578	CLIP, SPRING TENSION: SLEDGE HAMMER HANDLE	97403	13214E1213-1		1	*	*	*	*	*				
0052		O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: SLEDGE HAMMER BRACKET AND SPRING CLIP MTG	96906	MS90725-6		3	*	*	*	*	*				

LINE NO.	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UIC	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST			
	MATERIAL	SOURCE	MAINT					RECOVERABILITY	15 DAYS MAINTENANCE				MAINT DEPOT	FIGURE NO.	ITEM NO.	
									ORGANIZATION			DS				GS
									1-5	6-10	100 EQUIPMENTS					
MANUFACTURER'S																
CODE						PART NO.										
0053		O		53103-809458	WASHER, FLAT: SLEDGE HAMMER BRACKET, SPRING CLIP AND GROUND PO CLAMP MTG	96906	MS27183-10	10	*	*	*	*	*			
0054		O		5310-088-1251	NUT, SELF-LOCKING HEXAGON SLEDGE HAMMER BRACKET, SPRING CLIP AND GROUND ROD CLAMP MTG	96906	MS51922-1	7	*	*	*	*	*			
0055	XAO				CLAMP, GROUND ROD	97403	13212E3617	2	*	*	*	*	*			
0056	O			5305-958-5246	SCREW, MACHINE: GROUND ROD CLAMP MTG	96906	MS35190-289	4	*	*	*	*	*		12-2 2	
0057	X2O			5314-526-2559	CLAW, CUSHIONED: GROUND WIRE	96906	MS21919F2	3	*	*	*	*	*			
0058	O			5305-984-6211	SCREW, MACHINE: GROUND WIRE CLAMP MTG	96906	MS35206-264	3	*	*	*	*	*			
0059	O			5310-809-8546	WASHER, FLAT: GROUND WIRE CLAMP MTG	96906	MS27183-8	6	*	*	*	*	*			
0060	O			5310-167-0662	WASHER, LOCK GROUND WIRE CLAMP MTG	96906	MS35337-43	3	*	*	*	*	*			
0061	O			5310-012-0361	NUT, PLAIN, HEXAGON: GROUND WIRE CLAMP MOUNTING	96906	MS35649-102	1	*	*	*	*	*			
0062	X2O			5307-722-9437	STUD CONTINUOUS THREAD: AROUND	96906	13214E1223	1	*	*	*	*	*			
0063	X2O				WASHER, LOCK: BRONZE, EXTERNAL TOOTH, 3/8 IN., GROUND STUD	96906	MS35335-91	2	*	*	*	*	*			
0064	O			5310-835-7478	NUT, PLAIN, HEXAGON BRASS, GROUND STUD TO TRAILER	96906	MS35691-611	2	*	*	*	*	*			
0065	O			5310-900-6323	WASHER, FLAT: BRASS, GROUND STUD 390 to	96906	MS45901-7	2	*	*	*	*	*			
0066	O			5310-720-4528	NUT, PLAIN, HEXAGON: BRASS, GROUND STUD	96906	MS35690-611	1	*	*	*	*	*			
0067	O			5310-543-4717	NUT, PLAIN, WING: BRASS, GROUND STUD	96906	MS35425-8	1	*	*	*	*	*			
0068					1507 - LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)											
0069	X2O			2590-318-6691	LEG ASSEMBLY, TRAILER PROP	97403	13214E1206	1	*	*	*	*	*			
0070	X2O				BRACKET	97403	13214E1207	1	*	*	*	*	*			
0071	X2O				LEG ASSEMBLY, UPPER	97403	13214E1208	1	*	*	*	*	*			
0072	X2O				CHAIN PIN RETAINING	97403	13214E1208-6	1	*	*	*	*	*			
0073	X2O				PIN	97403	13214E1208-5	1	*	*	*	*	*			
0074	X2O				LEG, BASE	97403	13214E1212	1	*	*	*	*	*			
0075	X2O				SHAFT	97403	13214E1209	1	*	*	*	*	*			
0076	O			4730-172-0049	FITTING, LUBRICATION	97403	MS15006-1	1	*	*	*	*	*			
0077	X2O				SCREW	97403	13214E1210	1	*	*	*	*	*			
0078	X2O				NUT	97403	13214E1211	1	*	*	*	*	*			
0079	X2O				RIVET, SOLID, UNIVERSAL HEAD											
0080	X2O				1/4 IN DIA	96906	MS20613-8P32	1	*	*	*	*	*			
0081	X2O				PIN, COTTER: 1/8 IN DIA, 3/4 IN	96906	MS24665-351	1	*	*	*	*	*			
0082	O			5310-809-4061	SCREW, CAP, HEXAGON HEAD LEG ASSEMBLY TO TRAILER, 3/8-16 X 1 1/4 IN LG	96906	S90725-62	3	*	*	*	*	*			
0083	O			5310-087-4652	WASHER, FLAT: LEG ASSEMBLY TO TRAILER	96906	527183-15	6	*	*	*	*	*			
0084					NUT, SELF-LOCKING HEXAGONS LEG ASSEMBLY TO TRAILER	96906	MS51922-17	3	*	*	*	*	*			
0085					GROUP 18 - BODY, CAB, HOOD AND HULL											
0086	X2F			2330-141-8050	1810 - CARGO BODY (DUMP, STAKE, AND PLATFORM)	97403	13214E1221-2	1	*	*	*	*	*			
0087					TRAILER: M 105 MODIFIED											
0088					GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS											
0089	X2O			2910-66-1235	ADAPTER ASSEMBLY, FUEL DRUM	97403	13211E7541	2	*	*	*	*	*			
0090	X2O				WASHER, BRASS	97403	13211E7544	2	*	*	*	*	*			
0091	X2O				SCREW, SHOULDER	97403	13211E7545	4	*	*	*	*	*			
0092	X2O				RING, SEALING	97403	13211E7546	2	*	*	*	*	*			
0093	X2O				WASHER, RUBBER	97403	13211E7547	2	*	*	*	*	*			
0094	X2O				HEAD	97403	13211E7548	2	*	*	*	*	*			
0095	X2O				WASHER, STEEL	97403	13200E6361	2	*	*	*	*	*			
0096	X2O				CLAP	97403	13200E6363	2	*	*	*	*	*			
0097	O			5310-209-1239	WASHER, LOCK: SHOULDER SCREW	96906	MS35335-60	4	*	*	*	*	*			
0098	X2O				PIPE	97403	13211E7543	2	*	*	*	*	*			
0099	X2O				PIPE, EXTENSION	97403	13211E7522	2	*	*	*	*	*			
0100	O			4730-278-3357	ADAPTER, STRAIGHT: HOSE			2	*	*	*	*	*			
0101	X2O			7240-222-3013	CAN, GASOLINE: MILITARY, 5 GAL			6	*	*	*	*	*		12-2 1	
0102					GROUP 22 - BOY CHASSIS OR HULL, AND ACCESSORY ITEMS											
0103					2210 - DATA PLATES AND INSTRUCTION HOLDERS											
0104	X2F			9905-577-4219	PLATE, DATA: CORPS OF ENGINEERS, TYPE A	97403	13212E3599	1			*	*	*			
0105	F			5310-058-2950	WASHER, LOCK: DATA PLATE MTG	96906	MS35337-77	4			*	*	*			

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN U/I	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST		
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE				MAINT DEPOT	FIGURE NO.	ITEM NO.		
									ORGANIZATION			DS				GS	
									1-5	6-10	100 EQUIPMENTS						
0106		F			5305-058-2088	SCREW, TAPPING, THREAD FORMING: data plate mtg, No. 2-32 x 1/4. In. lg	96906	MS24622-3		4			*	*	*		
0107						GROUP 40 - ELECTRIC MOTORS AND GENERATORS											
0108						4000 - MAJOR ASSEMBLAGE											
0109		X2FR			6115-889-1447	GENERATOR. GASOLINE ENGINE DRIVEN: 10 KW				1			*	*	*		
0110		X2F			5305-724-5910	SCREW, CAP, HEXAGON HEAD: generator frame to trailer, 5/8-11 X 11/2 in. lg	96906	MS90725-162		4			*	*	*		
0111		X2F			5310-823-8803	WASHER, FLAT: generator frame to trailer, .656 in.	96906	MS27183-21		8			*	*	*		
0112		X2F				SPACER, SHIM	97403	13214E1222-3		4			*	*	*		
0113						4019 - RADIO INTERFERENCE SUPPRESSION											
0114		M O				WIRE, GROUND: generator to ground stud MANUFACTURE FROM:				1							
0115		P O			6145-299-6188	WIRE, ELECTRICAL (Length as required)			FT		SEE	GRP	9501				
0116						GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS											
0117						7603 - FIRE EXTINGUISHERS											
0118		P1O			4210-555-8837	EXTINGUISHER, FIRE				1	*	*	*	*	*		12-24
0119		X2O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: extinguisher mtg, 1/4-20 x 3/4 in. lg	96906	MS90725-6		4	*	*	*	*	*		
0120		O			5310-809-4058	WASHER, FLAT: extinguisher mtg	96906	MS27183-10		8	*	*	*	*	*		
0121		O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON: extinguisher mounting	96906	MS51922-1		4	*	*	*	*	*		
0122						GROUP 95 - GENERAL USE STANDARDIZED PARTS											
0123						9501 - BULK MATERIAL											
0124		P O			8305-267-3009	WEBBING, NYLON	06716	1403	FT		*	*	*	*	*		
0125		P O			6145-299-6188	WIRE, ELECTRICAL			FT		*	*	*	*	*		





MEC 6115-365-15/12-2

- 1 Can
- 2 Clamp
- 3 Generator

- 4 Extinguisher
- 5 Hose

Figure 12-2. Accessories.

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
00001		PART II - PU-564B/G REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
00003		GROUP 06 - ELECTRICAL SYSTEM								
00004		0608 - MISCELLANEOUS TRAILER WIRING								
M O 00005		CABLE ASSEMBLY 13216E7479-2 (97403) MANUFACTURE FROM:	EA	2						
P O 00006		CABLE, SPECIAL, PURPOSE MILG13486-7 (81349)	EA	3	*	*	*	*		
P O 00007	5935-462-6603	CONNECTOR, PLUG, ELECTRIC: PIN CONTACT MS27142-2 (96906)	EA	3	*	*	*	*		
P O 00008	5935-167-7775	CONNECTOR, PLUG, ELECTRIC SOCKET CONTACT MS27144-1 (96906)	EA	3	*	*	*	*		
M O 00009		LEAD, ELECTRICAL: 36 IN. LG 13214E7476 (97403) MANUFACTURE FROM:	EA	1						
P O 00010	6145-542-6834	CABLE, SPECIAL, PURPOSE (AS REQUIRED) MILC13486-1 (81349)	FT		*	*	*	*		
P O 00011	5935-462-6603	CONNECTOR, PLUG, ELECTRIC: PIN CONTACT MS27142-2 (96906)			*	*	*	*		
P O 00012	5935-167-7775	CONNECTOR, PLUG, ELECTRIC: SOCKET CONTACT ME27144-1 (96906)	EA	1	*	*	*	*		
P O 00013	5975-074-2072	STRAP, CABLE, ADJUSTABLE MS17821-1-9 (96906)	EA	1	*	*	*	*		
00017		GROUP 18 - BODY								
00018		1810 - CARGO BODY								
O 00020	5306-297-8904	BOLT, HEXAGON HEAD: 5/8-11 X 6 1/2 IN. LG FFB575TYPE3 (81349)	EA	2	*	*	*	*	12-4	11
O 00021	5305-269-3211	CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 IN. LG MS90725-60 (96906)	EA	16	*	*	*	*	12-4	40
O 00022	5305-721-8010	CAPSCREW, HEXAGON HEAD: 1/4-20 X 2 IN. LG MS35307-314 (96906)	EA	2	*	*	*	*	12-3	12
O 00023	5305-724-5911	CAPSCREW, HEXAGON HEAD: 5/8-11 X 1 3/4 IN. LG MS90725-163 (96906)	EA	6	*	*	*	*	12-4	21
O 00024	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 THD SIZE MS51922-17 (96906)	EA	16	*	*	*	*	12-4	43
O 00025	5310-080-8495	NUT, PLAIN, WING: 1/4-20 UNC 23 MS35425-39 (96906)	EA	2	*	*	*	*	12-3	9

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
O 00026	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5/8-11 UNC MS51922-49 (96906)	EA	8	*	*	*	*		
X2 O 00027		SHIELD 13216S7433 (97403)	EA	1					12-3	13
O 00030	5310-080-6004	WASHER, FLAT 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	16	*	*	*	*	12-4	41
O 00031	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	12-3	11
O 00032	5310-823-8803	WASHER, FLAT: 5/8 IN. BSC SIZE MS27183-21 (96906)	EA	16	*	*	*	*		
O 00033	5310-637-9541	WASHER, LOCK 3/8 IN. SIZE M3533846 (96906)	EA	4	*	*	*	*	12-4	42
O 00034	3310-933-8121	WASHER, LOCK: 1/4 IN. SIZE MS35338-139 (96906)	EA	2	*	*	*	*	12-3	10
00035		GROUP 22 - BODY CHASSIS ACCESSORY ITEMS								
00036		2201 - CANVAS ITEMS								
P OR 00037	6115-459-5946	TARPAULIN 1321617434 (97403)	EA	1	*	*	*	2	12-3	24
X2 O 00038	5340-057-6956	BUCKLE, SPRING ACTION MS51929-2 (96906)	EA	12	*	*	*	*	12-3	23
X2 O 00039		CHAPE ASSEMBLY 13214E1392 (97403)	EA	12					12-3	21
X2 O 00040	5340-078-7029	CLIP, STRAP ND MS51926-3 (96906)	EA	24					12-3	22
X2 O 00041	8305-170-4959	CLOTH, COTTON DUCK: 48 IN. W (AS REQUIRED) CCCC428TYPE1CLASS1 (81349)	YD							
X2 O 00042		GROMMET, METALLIC MILG15491TYPE1CLASS1 (81349)	EA	27						
X 2O 00043		RING, DAN, MEDIUM MS51925-8 (96906)	EA	14					12-3	20
X2 O 00044		ROPE, SISAL: 3/8 IN. DIA X 30 IN. L0 TR605 (81349)	EA	27						
X2 O 00045	5340-275-5983	SNAP, HOOK, FIXED LOOP: W/SPRING CLSR MILS11699 (81349)	EA	25					12-3	19
X2 O 00046		WEBBING, TEXTILE, COTTON: SINGLE THK, 3/4 IN. (AS REQUIRED) MILW530TYPE2CLASS4 (81349)	FT							
X2 O 00047	8305-260-1747	WEBBING, TEXTILE, COTTON: DOUBLE THK, 1 IN. (AS REQUIRED) MILW530TYPE2CLASS4 (81349)	FT							
00048		2202 - ACCESSORY ITEMS								
X2 O 00049	2540-926-1003	BOW, TRAILER, TARPAULIN: 55.75 IN. H 13212E3597-2 (97403)	EA	2					12-3	25
X2 O 00050	2540-924-8478	BOW, TRAILER, TARPAULIN 68 IN. H 1321213597-1 (97403)	EA	4					12-3	18

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- TRATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
P O 00051	2590-473-6331	BRACKET ASSEMBLY: LIQUID CONTAINER, 5 GALLON MS53052-1 (96906)	EA	6	*	*	*	*	12-4	13
X2 O 00052	5340-999-6277	BRACKET ASSEMBLY: SLEDGE HAMMER 13214E1214 (97403)	EA	1					12-3	4
P O 00053	7240-222-3088	CAN, GASOLINE: MILITARY, 5 GALLON MILC1283B (81349)	EA	6	*	*	*	*	12-4	12
O 00054	5305-068-0500	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	4	*	*	*	*	12-3	32
O 00055	5305-068-0500	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	8	*	*	*	*	12-3	28
O 00056	5305-225-3839	CAPSCREW, HEXAGON HEAD: EXTINGUISHER BRACKET MTG, 1/4-20 X 1 IN. LG MS590725-8 (96906)	EA	4	*	*	*	*	12-4	8
O 00057	5305-269-3213	CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	24	*	*	*	*	12-4	14
O 00058	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	12-3	3
O 00059	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	1	*	*	*	*	12-3	7
X2 O 00060	2590-932-7298	CLAMP, GROUND ROD 13212E3617-1 (97403)	EA	4					12-3	17
X2 O 00061	5340-914-2578	CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1					12-3	8
O 00062	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	12-3	30
O 00063	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	8	*	*	*	*	12-3	14
O 00064	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	12-4	10
O 00065	5310-087-4652	NUT, SELF-LOCKING HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906)	EA	24	*	*	*	*	12-4	16
O 00066	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	8	*	*	*	*	12-3	26
O 00067	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	12-3	3
O 00068	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	1	*	*	*	*	12-3	5
X2 O 00069	9905-202-3639	REFLECTOR, AMBER CLEARANCE INDICATOR MS35387-2 (96906)	EA	2					12-3	33
X2 O 00070	9905-205-2795	REFLECTOR, RED, CLEARANCE INDICATOR MS35387-1 (96906)	EA	4					12-3	29
O 00071	5305-958-5247	SCREW, MACHINE: FLAT HEAD, 1/4-20 X 1 IN. G MS31190-291 (96906)	EA	8	*	*	*	*	12-3	16
O 00072	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	12-3	31
O 00073	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8	*	*	*	*	12-3	27
O 00074	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	12.4	9

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
O 00075	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	24	*	*	*	*	12-4	15
O 00076	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8	*	*	*	*	12-3	15
O 00077	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	12-3	2
O 00078	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	1	*	*	*	*	12-3	6
00079		2210 - DATA PLATES								
X2 O 00080		PLATE, IDENTIFICATION: GROUND 13205E4918 (97403)	EA	1					12-4	7
X2 O 00081		PLATE, IDENTIFICATION: PU564B/G 13205E4916-33 (97403)	EA	1					12-4	1
00082		GROUP 29 - GENERATOR								
00083		2901 - GENERATOR ASSEMBLY								
O 00084	5305-727-3804	CAPSCREW, HEXAGON HEAD: 5/8-11 X 2 1/4 IN. LG MS90725-165 (96906)	EA	4	*	*	*	*	12-4	25
O 00089	5310-269-4040	NUT, SELF-LOCKINGHEXAGON: 5/8-11 THD SIZE MS51922-49 (96906)	EA	4	*	*	*	*	12-4	27
O 00087	5310-951-7209	WASHER, FLAT: 5/8 IN. BSC SIZE MS27183-22 (96906)	EA	4	*	*	*	*	12-4	26
00088		2941 - ENGINE EXHAUST								
O 00089	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	12-4	18
O 00090	5340-917-6400	CLAMP ASSEMBLY: 1 7/8 IN. MAXIMUM OD 13212E3592-4 (97403)	EA	1	*	*	*	*	12-4	22
O 00091	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	12-4	20
P O 00092	6115-934-7878	TUBE, EXHAUST 13214E1389 (97403)	EA	1	*	*	*	*	12-4	17
O 00093	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS51922-10 (96906)	EA	2	*	*	*	*	12-4	19
00094		GROUP 42 - ELECTRICAL EQUIPMENT								
		4216 - MISCELLANEOUS WIRING AND FITTINGS								
X2 O 00095	5340-778-2738	CLAMP, LOOP MS21333-2 (96906)	EA	3					12-4	3
X2 O 00096	5310-584-7995	NUT, PLAIN, HEXAGON HEAD: STYLE 1, 3/8-16 THD SIZE MS16203-27 (96906)	EA	1					12-4	34
O 00097	5310-918-6921	NUT, PLAIN, HEXAGON: JAM, 3/8-16 THD SIZE M16203-39 (96906)	EA	2	*	*	*	*	12-4	32
O 00098	5310-543-4717	NUT, PLAIN, WING: BRASS, 3/8-16 THD SIZE MS35425-28 (96906)	EA	1	*	*	*	*	12-4	30
O 00099	5310-877-5797	NUT, SELF-LOCKING: 10-32 THD SIZE MS21044N3 (96906)	EA	3	*	*	*	*	12-4	6

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
O 00100	5305-993-1848	SCREW, MACHINE: PAN HEAD, 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	3	*	*	*	*	12-4	4
O 00101	5307-722-9437	STUD, GROUNDING: 3/8-16 X 2 1/2 IN. LG 13214E1223 (97403)	EA	1	*	*	*	*	12-4	29
O 00102	5940-688-6010	TERMINAL, LUG: TYPE 1, CLASS 1, NO. 6 WIRE, 3/8 IN. MS20659-110 (96906)	EA	1	*	*	*	*	12-4	28
O 00103	5310-014-5850	WASHER: NO. 10 BSC SIZE MS27183-42 (96906)	EA	3	*	*	*	*	12-4	5
O 00104	5310-187-2413	WASHER, FLAT: ELECTRIC, BRASS 3/8 IN. AN961-616T (88044)	EA	4	*	*	*	*	12-4	31
O 00105	5310-913-9776	WASHER, LOCK: EXTERNAL TOOTH, 3/8 IN. MS35335-91 (96906)	EA	2	*	*	*	*	12-4	33
M O 00106		WIRE, ELECTRICAL: GENERATOR TO STUD, 60 IN. LG QQW343TYPERBCLASS1 (81348) MANUFACTURE FROM:	EA	1	*	*	*	*	12-4	2
O 00107	6145-395-8799	WIRE, ELECTRICAL: NO. 6 AWG, UNISULATED (AS REQUIRED) QQW343 TYPERBCLASS1 (81348)	FT	*	*	*	*	*		

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCTY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00002		PART III - PU-564B/G												
00003		REPAIR PARTS FOR DS, GS AND DEPOT MAINTENANCE												
00004		GROUP 06 - ELECTRICAL SYSTEM												
00004		0608 - MISCELLANEOUS WIRING												
M O 00005		CABLE ASSEMBLY 13216E7479-2 (97403) MANUFACTURE FROM:	EA	2										
P O 00006		CABLE, SPECIAL, PURPOSE MILC13486-7 (81349)	EA	3	*	*	*	*	*	*	*	*		
P O 00007	5935-462-6603	CONNECTOR, PLUG, ELECTRIC: PIN CONTACT MS27142-2 (96906)	EA	3	*	*	*	*	*	*	*	*		
P O 00008	5935-167-7775	CONNECTOR, PLUG, ELECTRIC: SOCKET CONTACT MS27144-1 (96906)	EA	3	*	*	*	*	*	*	*	*		
H O 00009		LEAD, ELECTRICAL- 36 IN. LG 13214E7476 (97403) MANUFACTURE FROM:	EA	1										
P O 00010	6145-542-6834	CABLE, SPECIAL, PURPOSE (AS REQUIRED) MILC13486-1 (81349)	FT		*	*	*	*	*	*	*	*		
P O 00011	5935-462-6603	CONNECTOR, PLUG, ELECTRIC: PIN CONTACT MS27142-2 (96906)	EA	1	*	*	*	*	*	*	*	*		
P O 00012	5935-167-7775	CONNECTOR, PLUG, ELECTRIC: SOCKET CONTACT MS27144-1 (96906)	EA	1	*	*	*	*	*	*	*	*		
P O 00013	5975-074-2072	STRAP, CABLE, ADJUSTABLE MS17821-1-9 (96906)	EA	1	*	*	*	*	*	*	*	*		
00014		GROUP 15 - FRAME												
00015		1501 - FRAME ASSEMBLY												
X2D R		CHASSIS, TRAILER 13216E7431 (97403)	EA	1									12-3	34
00017		GROUP 18 - BODY												
00018		1810 - CARGO BODY												
X2 D 00019		BODY, TRAILER 13216E7432 (97403)	EA	1									12-4	23
O 00020		BOLT, HEXAGON HEAD : 5/8-11 X 6 1/2 IN. LG FFB575TYPE3 (81349)	EA	2	*	*	*	*	*	*	*	*	12-4	11
O 00021	5305-269-3211	CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 IN. LG M590725-60 (96906)	EA	16	*	*	*	*	*	*	*	*	12-4	40
O 00022	5305-721-8010	CAPSCREW, HEXAGON HEAD: 1/4-20 X 2 IN. LG MS35307-314 (96906)	EA	2	*	*	*	*	*	*	*	*	12-3	12
O 00023	5305-724-5911	CAPSCREW, HEXAGON HEAD: 5/8-11 X 1 3/4 IN. LG MS90725-163 (96906)	EA	6	*	*	*	*	*	*	*	*	12-4	21
O 00024	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 THD SIZE M551922-17 (96906)	EA	16	*	*	*	*	*	*	*	*	12-4	43

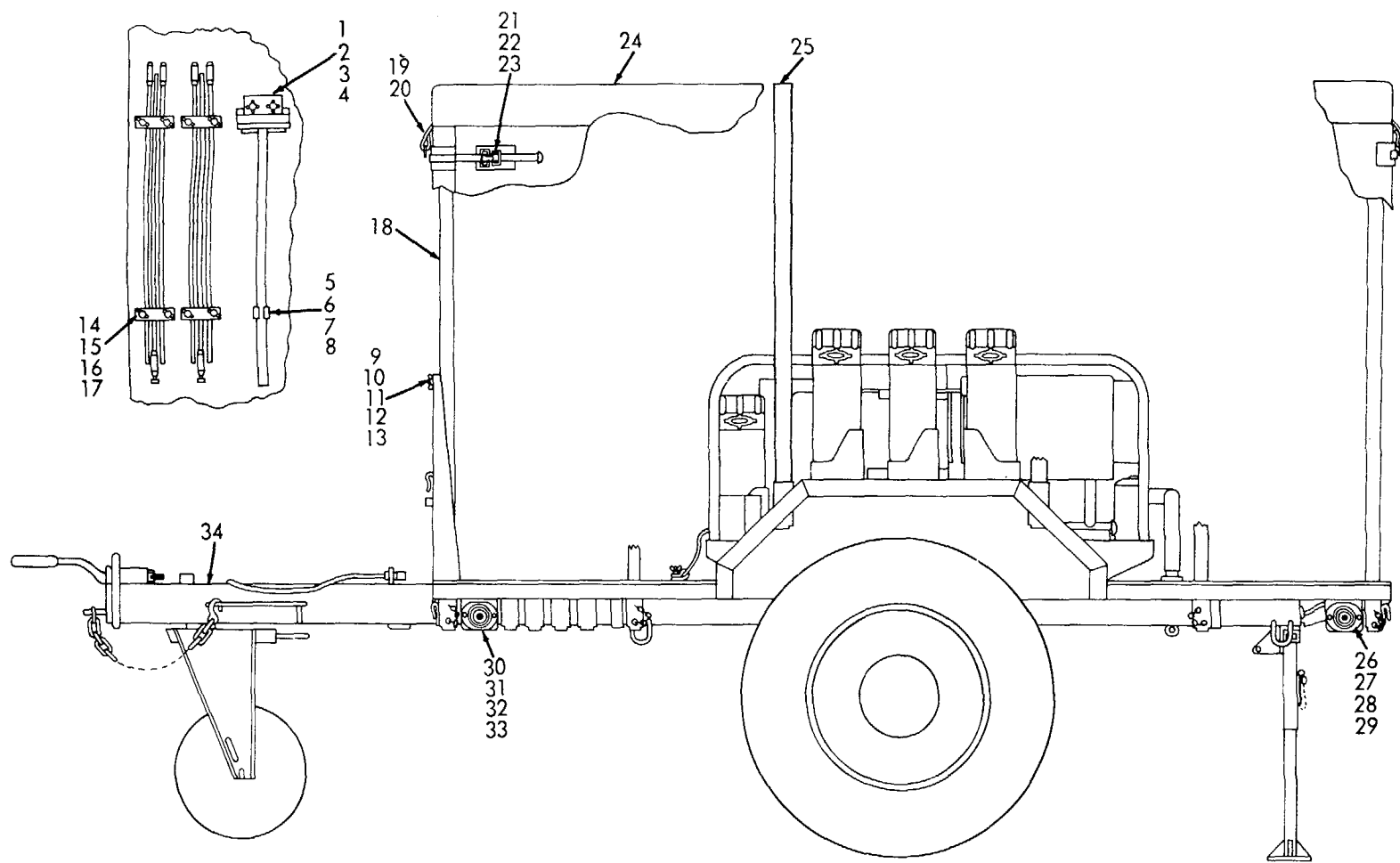
(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1-YR ALW PER 100 EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00025	5310-080-8495	NUT, PLAIN, WING: 1/4-20 UNC 23 MS35425-39 (96906)	EA	2	*	*	*	*	*	*	*	12-3	9	
O 00026	5310-269-4040	NUT, SELF-LOCKINGHEXAGON: 5/8-11 UNC MS51922-49 (969065)	EA	8	*	*	*	*	*	*	*			
X2 O 00027		SHIELD 13216E7433 (97403)	EA	1									12-3	13
X2 F 00028		SHIM, BODY TO CHASSIS (AS REQUIRED) 13212E3590 (97403)	EA										12-4	44
X2D R 00029	2330-141-8052	TRAILER ASSEMBLY: 1 1/2 TON, M103A3 13216E7430 (97403)	EA	1										
O 00030	5310-080-6004	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	16	*	*	*	*	*	*	*	*	12-4	41
O 00031	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	12-3	11
O 00032	5310-823-8803	WASHER, FLAT: 5/8 IN. BSC SIZE MS27183-21 (96906)	EA	16	*	*	*	*	*	*	*	*		
O 00033	5310-637-9541	WASHER LOCK: 3/8 IN. SIZE MS35335-46 (96906)	EA	4	*	*	*	*	*	*	*	*	12-4	42
O 00034	5310-933-8121	WASHER LOCK: 1/4 IN. SIZE MS35338-139 (96906)	EA	2	*	*	*	*	*	*	*	*	12-3	10
00035		GROUP 22 - BODY CHASSIS ACCESSORY ITEMS												
00036		2201 - CANVAS ITEMS												
P O R 00037	6115-459-5946	TARPAULIN 13216E7434 (97403)	EA	1	*	*	2	*	*	2	10	10	12-3	24
X2O 00038	5340-057-6956	BUCKLE, SPRING ACTION MS51929-2 (96906)	EA	12									12-3	23
X2O 00039		CHAPE ASSEMBLY 13214E1392 (97403)	EA	12									12-3	21
X2O 00040	5340-078-7029	CLIP, STRAP END MS51926-3 (96906)	EA	24									12-3	22
X2O 00041	8305-170-4959	CLOTH, COTTON DUCK: 48 IN. W CCCC428TYPE1CLASS1 (81349) (AS REQUIRED)	YD											
X2O 00042		GROMMET, METALLIC MILG15491TYPE1CLASS1 (81349)	EA	27										
X2O 00043		RING, DEE, MEDIUM MS51925-8 (96906)	EA	14									12-3	20
X2O 00044		ROPE, SISAL: 3/8 IN. DIA X 30 IN. LG TR605 (81349)	EA	27										
X2O 00045	5340-275-5983	SNAP, HOOK, FIXED LOOP: W/SPRING CLSR MILS11699 (81349)	EA	25									12-3	19
X2O 00046		WEBBING, TEXTILE, COTTON: SINGLE THK, 3/4 IN. MILW530TYPE2CLASS4 (81349) (AS REQUIRED)	FT											
X2O 00047	8305-260-1747	WEBBING, TEXTILE, COTTON: DOUBLE THK, 1 IN. MILW530TYPE2CLASS4 (81349) (AS REQUIRED)	FT											



1)  SMR CODE	2)  FEDERAL STOCK NUMBER	3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	4)  UNIT OF MEAS	5)  QTY INC IN UNIT	6)  30-DAY DS MAINT ALLOWANCE			7)  30-DAY GS MAINT ALLOWANCE			8)  1-YR ALW PER 100 EQUIP CNTGCT	9)  DEPOT MAINT ALW PER 100 EQUIP	10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00048		2202-ACCESSORY ITEMS												
X2O 00049	2510-926-1003	BOW, TRAILER, TARPAULIN: 55.75 IN. H 13212E3597-2 (97403)	EA	2									12-3	25
X2O 00050	2540-924-8178	BOW, TRAILER, TARPAULIN: 68 IN. H 13212E3597-1 (97403)	EA	4									12-3	18
P O 00051	2590-473-6331	BRACKET ASSEMBLY: LIQUID CONTAINER, 5 GALLON MS53052-1 (96906)	EA	6	*	*	*	*	*	*	*	*	12-4	13
X2O 00052	5340-999-6277	BRACKET ASSEMBLY: SLEDGE HAMMER 13214E1214 (97403)	EA	1									12-3	4
P O 00053	7240-222-3088	CAN, GASOLINE: MILITARY, 5 GALLON MILC1283B (81349)	EA	6	*	*	*	*	*	*	*	*	12-14	12
O 00054	5305-068-0500	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	4	*	*	*	*	*	*	*	*	12-3	32
O 00055	5305-068-0500	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	8	*	*	*	*	*	*	*	*	12-3	28
O 00056	5305-225-3839	CAPSCREW, HEXAGON HEAD: EXTINGUISHER BRACKET MTG, 1/4-20 x 1 IN. LG MS90725-8 (96906)	EA	4	*	*	*	*	*	*	*	*	12-4	8
O 00057	5305-269-3213	CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 1/41 IN. LG MS90725-62 (96906)	EA	24	*	*	*	*	*	*	*	*	12-4	14
O 00058	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	*	*	*	*	12-3	3
O 00059	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	1	*	*	*	*	*	*	*	*	12-3	7
X2O 00060	2590-932-7298	CLAMP, GROUND ROD 13212E3617-1 (97403)	EA	4									12-3	17
X2O 00061	5340-914-2578	CLIP SPRING, SLEDGE HAMMER 1321 ,E1213-1 (97403)	EA	1									12-3	8
O 00062	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	*	*	*	*	12-3	30
O 00063	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	8	*	*	*	*	*	*	*	*	12-3	14
O 00064	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	*	*	4	*	12-4	10
O 00065	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906)	EA	24	*	*	*	*	*	*	*	*	12-4	16
O 00066	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	8	*	*	*	*	*	*	*	*	12-3	26
O 00067	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	12-3	3
O 00068	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	1	*	*	*	*	*	*	*	*	12-3	5
X2O 00069	9905-202-3639	REFLECTOR, AMBER CLEARANCE INDICATOR MS35387-2 (969061)	EA	2									12-3	33
X2O 00070	9905-205-2795	REFLECTOR, RED, CLEARANCE INDICATOR MS35387-1 (96906)	EA	4									12-3	29

1)  SMR CODE	2)  FEDERAL STOCK NUMBER	3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	4)  UNIT OF MEAS	5)  QTY INC IN UNIT	6)  30-DAY DS MAINT ALLOWANCE			7)  30-DAY GS MAINT ALLOWANCE			8)  1-YR ALW PER 100 EQUIP CNTGCT	9)  DEPOT MAINT ALW PER 100 EQUIP	10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00071	5305-958-5247	SCREW, MACHINE: FLAT HEAD, 1/4-20 X 1 IN. LG MS31190-291 (96906)	EA	8	*	*	*	*	*	*	*	*	12-3	16
O 00072	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	12-3	31
O 00073	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8	*	*	*	*	*	*	*	*	12-3	27
O 00074	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	12-4	9
O 00075	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	24	*	*	*	*	*	*	*	*	12-4	15
O 00076	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8	*	*	*	*	*	*	*	*	12-3	15
O 00077	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	*	*	*	*	12-3	2
O 00078	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	1	*	*	*	*	*	*	*	*	12-3	6
00079		2210 - DATA PLATES												
X2O 00080		PLATE, IDENTIFICATION: GROUND 13205E4918 (97403)	EA	1									12-4	7
X2O 00081		PLATE, IDENTIFICATION: PU-564B/G 13205E4916-33 (97403)	EA	1									12-4	1
00082		GROUP 29 - GENERATOR												
00083		2901 - GENERATOR ASSEMBLY												
00084	5305-727-3804	CAPSCREW, HEXAGON HEAD: 5/8-11 X 2 1/4 IN. LG MS90725-165 (96906)	EA	4	*	*	*	*	*	*	*	*	12-4	25
X2F R 00085	6115-889-1447	GENERATOR SET: MEP-018A, 10KW, 60HZ MILG52280 (81349)	EA	1									12-4	24
O 00086	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5/8-11 THD SIZE MS51922-49 (96906)	EA	4	*	*	*	*	*	*	*	*	12-4	27
00087	5310-951-7209	WASHER, FLAT: 5/8 IN. BSC SIZE MS27183-22 (96906)	EA	4	*	*	*	*	*	*	*	*	12-4	26
00088		2941 - ENGINE EXHAUST												
00089	5305-225-3839	CAPSCREW, HEXAGON HEADS 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	*	*	*	*	12-4	18
O 00090	5340-917-6400	CLAMP ASSEMBLY: 1 7/8 IN. MAXIMUM OO 13212E3592-4 (97403)	EA	1	*	*	*	*	*	*	*	*	12-4	22
00091	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	12-4	20
P O 00092	6115-934-7878	TUBE, EXHAUST 13214E1389 (97403)	EA	1	*	*	*	*	*	*	*	*	12-4	17
00093	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS51922-10 (96906)	EA	2	*	*	*	*	*	*	*	*	12-4	19
00094		GROUP 42- ELECTRICAL EQUIPMENT												
X2O 00095	5340-778-2738	4216 - MISCELLANEOUS WIRING AND FITTINGS CLAMP, LOOP MS21333-2 (96906)	EA	3									12-4	3

1)  SMR CODE	2)  FEDERAL STOCK NUMBER	3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	4)  UNIT OF MEAS	5)  QTY INC IN UNIT	6)  30-DAY DS MAINT ALLOWANCE			7)  30-DAY GS MAINT ALLOWANCE			8)  1-YR ALW PER 100 EQUIP CNTGCTY	9)  DEPOT MAINT ALW PER 100 EQUIP	10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2O 00096	5310-584-7995	NUT, PLAIN HEXAGON HEAD STYLE 1, 38-16 THD SIZE MS16203-27 (96906)	EA	1									12-4	34
O 00097	5310-918-6921	NUT, PLAIN, HEXAGON: JAM, 3/8-16 THD SIZE MS16203-39 (96906)	EA	2	*	*	*	*	*	*	*	*	12-4	32
O 00098	5310-543-4717	NUT, PLAIN, WING: BRASS, 3/8-16 THD SIZE MS35425-28 (96906)	EA	1	*	*	*	*	*	*	*	*	12-4	30
O 00099	5310-877-5797	NUT, SELF-LOCKING: 10-32 THD SIZE MS21044N3 (96906)	EA	3	*	*	*	*	*	*	*	*	12-4	6
O 00100	5305-993-1848	SCREW, MACHINE: PAN HEAD, 10-32 X 3/1 IN. LG MS35207-265 (96906)	EA	3	*	*	*	*	*	*	*	*	12-4	4
O 00101	5307-722-9437	STUD GROUNDING: 3/8-16 X 2 1/2 IN. LG 13214E1223 (97403)	EA	1	*	*	*	*	*	*	*	*	12-4	29
O 00102	5940-688-6010	TERMINAL, LUG: TYPE 1, CLASS 1, NO. 6 WIRE, 3/8 IN. MS20659-110 (96906)	EA	1	*	*	*	*	*	*	*	*	12-4	28
O 00103	5310-014-5850	WASHER: NO. 10 BSC SIZE MS27183-42 (96906)	EA	3	*	*	*	*	*	*	*	*	12-4	5
O 00104	5310-187-2413	WASHER FLAT: ELECTRIC, BRASS, 3/8 IN. AN961-616T (880044)	EA	4	*	*	*	*	*	*	*	*	12-4	31
O 00105	5310-913-9776	WASHER, LOCK: EXTERNAL TOOTH, 3/8 IN. MS35335-91 (96906)	EA	2	*	*	*	*	*	*	*	*	12-4	33
M O 00106		WIRE, ELECTRICAL: GENERATOR TO STUD, 60 IN. LG QQ3343TYPERBCLASS1 (81348)	EA	1									12-4	2
O 00107	6145-395-8799	MANUFACTURE FROM WIRE, ELECTRICAL: NO. 6 AWG, UNISULATED QQW343TYPERBCLASS1 (81348) (AS REQUIRED)	FT		*	*	*	*	*	*	*	*	*	



ME 6115-365-15/12-3 C3

Figure 12-3. PU-564B/G.

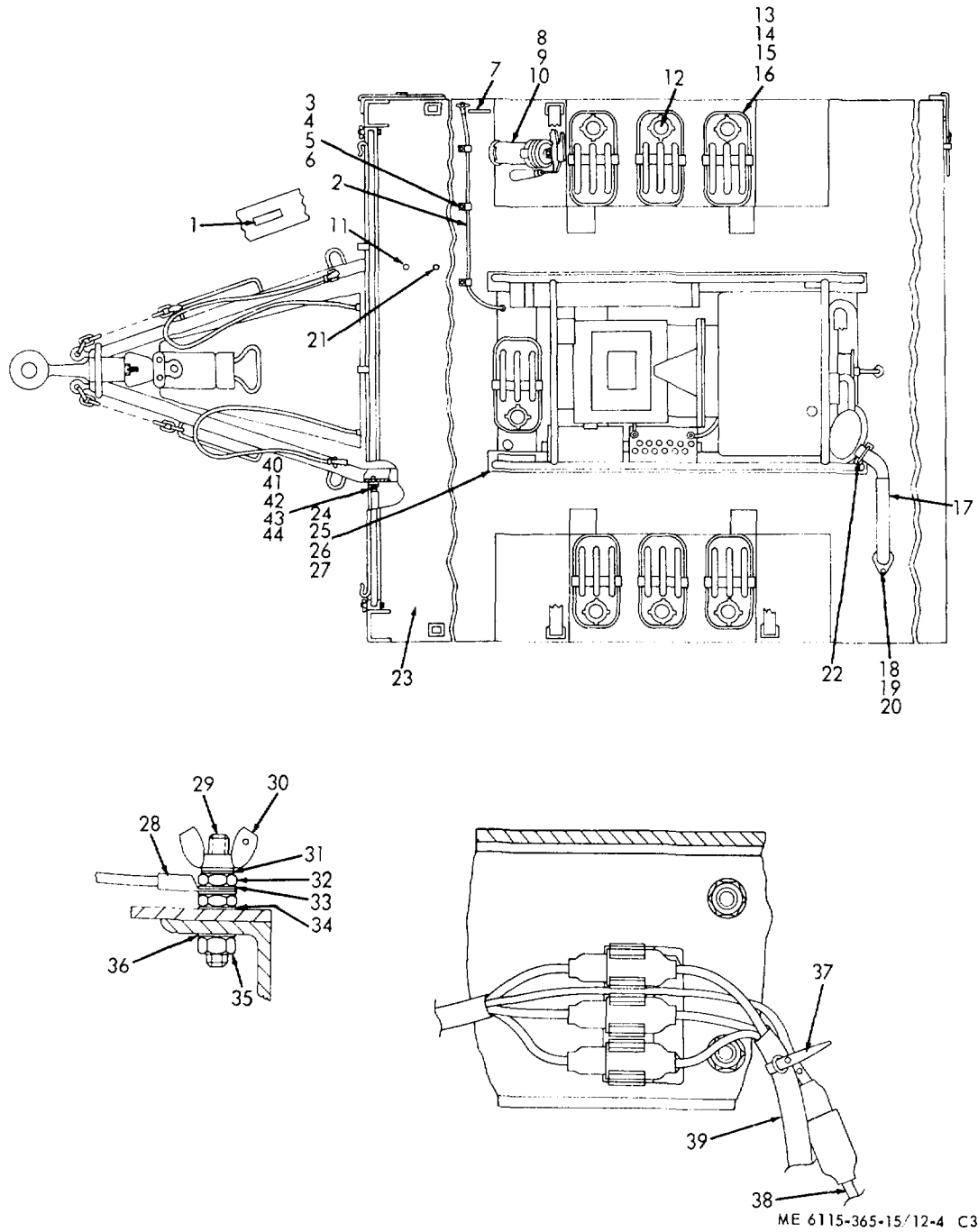


Figure 12-4. PU-564B/G accessories.

## CHAPTER 13

### GENERATOR SETS PU-253/U AND PU-253A/U

#### Section I. DESCRIPTION AND DATA

##### 13-1. Description

a. *General.* The PU-253/U and PU-253A/U Generator Sets consist of either two PU-107/U or PU-107A/U gasoline Engine Generator sets (one in use, one standby), mounted on a 2-wheeled, box type, steel body, 11/2-ton capacity, model M-105A1 or M-105E3 trailer.

##### Note

**There is no switch gear assembly to transfer the load from the operating generator set to the standby generator set. The load is connected directly to the generator output terminals. For location of output terminals refer to applicable technical manuals (PU-107A/U generators) and (PU-107/U generators).**

b. *Interchangeability.* The gasoline engine Generator Sets PU-107/U and PU-107A/U are interchangeable, and can be mounted as a mixed pair.

c. *Function.* The PU-253/U and PU-253A/U Generator Sets are a source of power for the Electronic Search Control AN/GSJS-1 and for various types of electronic and communication equipment.

d. *PU-107/U.* For description and further information about PU-107/U, Generator Sets, refer to applicable technical manual, as shown on generator set nameplates or in DA Pam 310-4.

e. *PU-107A/U.* For description and further information about units equipped with PU-107A/U Generator Sets, refer to applicable technical manual, as shown on generator set nameplates or in DA Pam 310-4.

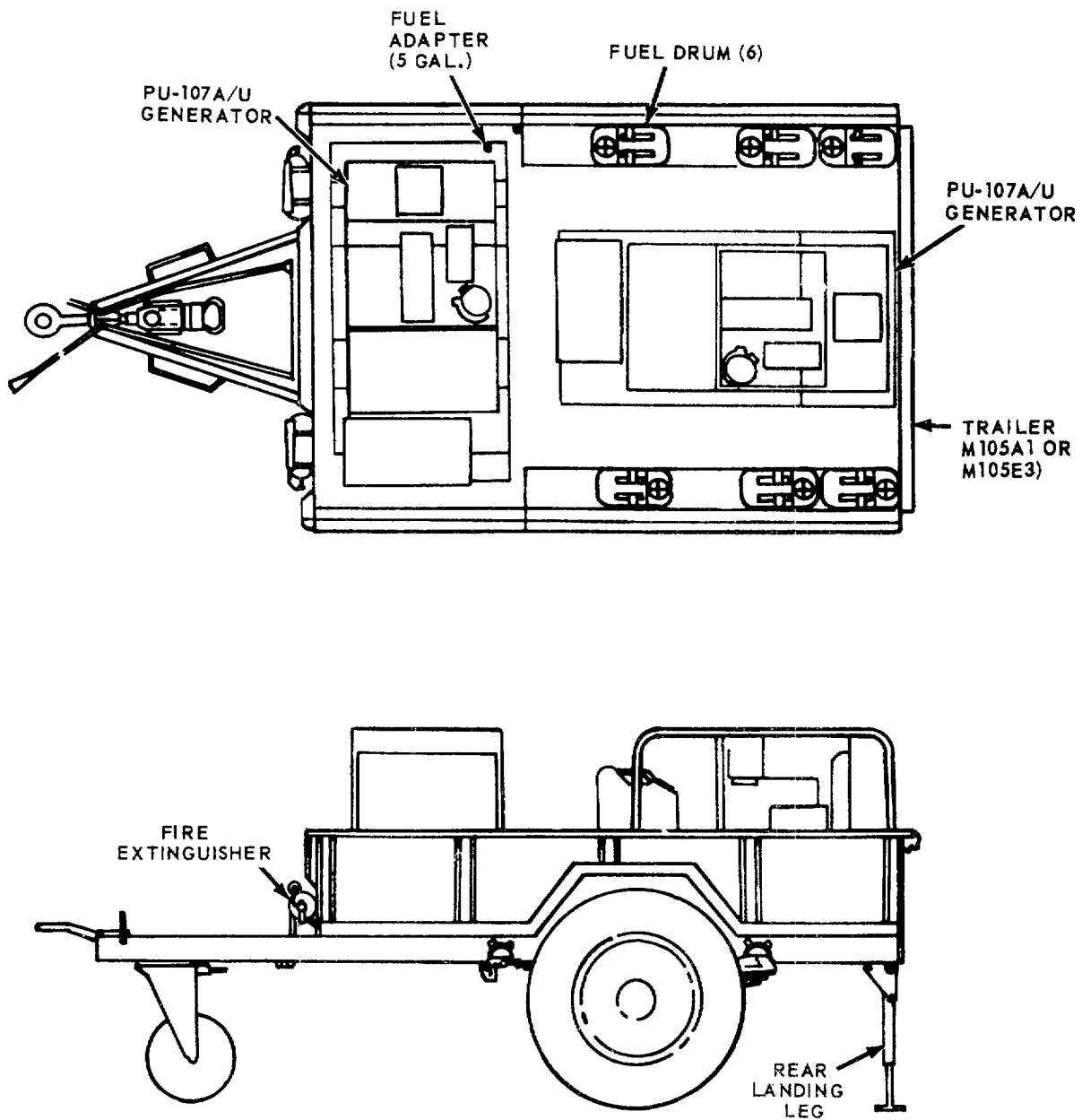
f. *Generator.* For description and further information about the O'Keefe and Merritt, permanent

magnet type, 28 pole, 120/208-volt, one-or three-phase, 400-cycle generator, Signal Corp stock number 3H2441-4, refer to applicable technical manual, as shown on nameplates or in DA Pam 310-4. Applicable technical manuals, as shown on nameplates or in DA Pam 310-4, will provide description and additional information on the John R. Hollingsworth Corporation model APG-H-11636 Generator.

g. *Engine.* Applicable technical manuals will provide description and maintenance instructions for Continental Motors Corporation model FS-162 gasoline engine. Applicable technical manuals, as shown on nameplate or in DA Pam 310-4, will contain description and maintenance instructions for Willys-Overland model 807532 gasoline engine.

h. *Trailer.* For further trailer information, refer to applicable technical manuals, as shown on trailer nameplate or in DA Pam 310-4.

i. *Lubrication.* Lubricate the trailer in accordance with instructions given in applicable lubrication order, as shown in DA Pam 310-4. Applicable lubrication order, as shown in DA Pam 310-4, contains instructions for lubricating the PU-107A/U Generator Set. Lubricate Willys-Overland gasoline engine model 807532 per applicable lubrication order, as shown in DA Pam 310-4. Lubricate Continental model FS-162 gasoline engine as instructed by applicable lubrication order, as shown in DA Pam 310-4. Applicable technical manual, as shown in DA Pam 3104, contains instructions for lubricating the PU-107/U Generator Set.



MEC 6115-365-15/13-1

Figure 13-1. Generator Set PU-253A/U.

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN U/I	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE				MAINT DEPOT	FIGURE NO.	ITEM NO.	
									ORGANIZATION			DS				GS
									1-5	6-10	100 EQUIPMENTS					
0002					GROUP 01 - ENGINE											
0003					0106 - ENGINE LUBRICATION SYSTEM											
0004			O		4730-277-6440	NIPPLE, TUBE, BULKHEAD	88044	AN832-10	2	*	*	*	*	*	*	
0005		X2O			4720-913-6422	HOSE ASSEMBLY, RUBBER: OIL DRAIN	97403	13211E4918	2	*	*	*	*	*	*	
0006			O		5310-282-7822	NUT, UNION: OIL DRAIN ROSE	88044	AN924-10	2	*	*	*	*	*	*	
0007			O		5310-059-6372	WASHER, LOCK: OIL DRAIN NOSE	96906	MS35337-52	2	*	*	*	*	*	*	
0008					GROUP 04 - EXHAUST SYSTEM											
0009					0401- MUFFLER AND PIPES											
0010		X2O			6115-914-0256	HOSE ASSEMBLY, METAL: EXHAUST PIPE	97403	13214E1233-2	2	*	*	*	*	*	*	
0011		X2O			4730-914-4678	ADAPTER, STRAIGHT, PIPE TO LUBE: EXHAUST PIPE	97403	13214E1234	2	*	*	*	*	*	*	
0012		X2O				ELBOW, PIPE, STREET: EXHAUST PIPE, 90 DEC. 1 1/4 PIPE SIZE	96906	MS39230-7	2	*	*	*	*	*	*	
0013					GROUP 06 - ELECTRICAL SYSTEM ENGINE AND VEHICULAR, ETC.)											
0014					0612 - BATTERIES, STORAGE (WET OR DRY)											
0015		X2O			6140-914-5677	BOX, BATTERY	97403	13214E1242	2	*	*	*	*	*	*	
0016		X2O				BASE, BATTERY BOX	97403	13214E1241	1	*	*	*	*	*	*	
0017		X2O				TRAY, BATTERY	97403	13214E1244	1	*	*	*	*	*	*	
0018		X2O				RETAINER, BATTERY BOX	97403	13214E1245	2	*	*	*	*	*	*	
0019		X2O				RETAINER, BATTERY BOX	97403	13214E1246	1	*	*	*	*	*	*	
0020		X2O				RETAINER, BATTERY	97403	13214E1247	1	*	*	*	*	*	*	
0021		X2O				COVER, BATTERY BOX	97403	13214E1248	1	*	*	*	*	*	*	
0022		X2O				THUMBSCREW: BATTERY BOX HOLDOWN	97403	13214E1249	4	*	*	*	*	*	*	
0023		X2O				LATCH SET: BATTERY BOX	97403	13214E1251-12SS	2	*	*	*	*	*	*	
0024		X2O			5305-071-2235	SCREW, CA, HEXAGON HEAD: BATTERY BOX										
						MTG, 1/4-20 x 2-1/2 IN. LG	96906	MS90725-16	8	*	*	*	*	*	*	
0025		O			5310-809-4058	WASHER, FLAT: BATTERY BOX MTG	96906	MS27183-10	16	*	*	*	*	*	*	
0026		O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON: BATTERY BOX MOUNTING	96906	MS51922-1	8	*	*	*	*	*	*	
0027					GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS											
0028					1501 - FRAME ASSEMBLY											
0029		X2O			2510-706-4504	BRACKET, LIQUID CONTAINER, FUEL CAN	97403	13214E1203	6	*	*	*	*	*	*	
0030		X2O				HOOK, DRIP RAIL: STRAP	97403	13212E3616	6	*	*	*	*	*	*	
0031		X2O				FASTENER	97403	13214E1205	6	*	*	*	*	*	*	
0032		X2O				BUCKLE	96906	MS51940-7	12	*	*	*	*	*	*	
0033		M O				STRAP, TOP	97403	13214E1203-2	6	*	*	*	*	*	*	
0034		P O			8305-267-3009	MANUFACTURE FROM: WEBBING, NYLON (30 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE GRP 9501						
0035		M O				STRAP, BOTTOM	97403	13214E1203-3	6	*	*	*	*	*	*	
0036		P O			8305-267-3009	MANUFACTURE FROM: WEBBING, NYLON (18 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE GRP 9501						
0037		X2O				BRACKET	97403	13214E1204	6	*	*	*	*	*	*	
0038		X2O				SCREW, CAP, HEXAGON HEAD: FUEL CAN										
0039		X2O			5305-269-3210	BRACKET MTG	96906	MS90725-59	24	*	*	*	*	*	*	
0039		O			5310-809-4061	WASHER, FLAT: FUEL CAN BRACKET MTG	96906	MS27183-15	24	*	*	*	*	*	*	
0040		O			5310-087-4652	NUT, SELF-LOCKING, HEXAGON: FUEL CAN										
						BRACKET MTG	96906	MS51922-17	24	*	*	*	*	*	*	
0011		X2O				LOOP, STRAP FASTENER: FUEL C	96906	MS51939-2	2	*	*	*	*	*	*	
0042		O			5305-984-6211	SCREW, MACHINE: LOOP	96906	MS35206-264	4	*	*	*	*	*	*	
0043		O			5310-809-8546	WASHER, FLAT: LOOP NT	96906	MS27183-8	4	*	*	*	*	*	*	
0044		O			5310-167-0662	WASHER, LOCK: LOOP	96906	MS35337-43	4	*	*	*	*	*	*	
0045		O			5310-102-0361	NUT, PLAIN, HEXAGON: LOOP MTG	96906	MS35649-102	4	*	*	*	*	*	*	
0046		X2O			6115-016-2362	HOLDER COMPONENT: FUEL DRUM ADAPTER										
						EXTENSION	97403	13211E4889-1	4	*	*	*	*	*	*	
0047		O			5305-889-3000	SCREW, MACHINE: EXTENSION HOLDER MTG	96906	MS35206-230	8	*	*	*	*	*	*	
0048		O			5310-082-1404	WASHER FLAT: EXTENSION HOLDER MTG	96906	MS27183-6	8	*	*	*	*	*	*	
0049		O			5310-596-7674	WASHER, LOCK: EXTENSION HOLDER MTG	96906	MS35337-22	8	*	*	*	*	*	*	
0050		O			5310-062-0912	NUT, PLAIN, HEXAGON: EXTENSION HOLDER										
						MOUNTING	96906	M35649-64	8	*	*	*	*	*	*	
0051		X2O			7240-920-5327	HOLDER, SPOUT: FUEL DRUM ADAPTER	974903	13212E3553-1	2	*	*	*	*	*	*	



## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN U/I	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT					RECOVERABILITY	15 DAYS MAINTENANCE			MAINT DEPOT	FIGURE NO.	ITEM NO.
									ORGANIZATION	DS	GS			
CODE	PART NO.	1-5	6-10	100 EQUIPMENTS										
0052	X2O	5306-225-8497	BOLT, MACHINE: ADAPTER HOLDER MTG	96906	MS90725-32	4	*	*	*	*	*			
0053	O	5310-081-4219	WASHER, FLAT: ADAPTER HOLDER MTG	96906	MS27183-12	8	*	*	*	*	*			
0054	O	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: ADAPTER											
			HOLDER HTG	96906	MS51922-9	4	*	*	*	*	*			
0055	X2O		BRACKET ASSEMBLY, SLEDGE HAMMER	97403	13214E1214	1	*	*	*	*	*			
0056	X2O		BRACKET	97403	13214 E1215	1	*	*	*	*	*			
0057	O	531-080-8495	NUT, PLAIN, WING	96906	MS35425-39	2	*	*	*	*	*			
0058	X2O		PLATE, HOLDOWN	97403	13214E1216	1	*	*	*	*	*			
0059	O	5310-809-4058	WASHER, FLAT	96906	M27183-10	2	*	*	*	*	*			
0060	O	5310-043-5862	WASHER, LOCK	96906	MS35337-82	2	*	*	*	*	*			
0061	X2O	5340-914-2578	CLIP, SPRING TENSION: SLEDGE HAMMER											
			HANDLE	97403	13214E1213-1	1	*	*	*	*	*			
0062	X2O	5305-068-0502	SCREW, CAP, HEXAGON HEAD: SLEDGE HAMMER	96906	MS90725-6	3	*	*	*	*	*			
			AND CLIP MTG	96906	MS27183-10	10	*	*	*	*	*			
0063	O	5310-809-4058	WASHER, FLAT: SLEDGE HAMMER AND CLIP MTG	96906	MS27183-10									
0064	O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: SLEDGE HAMMER											
			CLIP MTG, AND GROUND ROD CLAMP BRACKET	96906	MS51922-1	7	*	*	*	*	*			
0065	X2O	5975-878-3791	ROD, GROUND			1	*	*	*	*	*			
0066	X2O		CLAMP, GROUND ROD	97403	13212E3617	2	*	*	*	*	*			
0067	O	5305-958-5246	SCREW, MACHINE: GROUND ROD CLAMP MTG	96906	MS3519-289	4	*	*	*	*	*			
0068	X2O	5314-526-2559	CLAMP, LOOP: GROUND WIRE	96906	MS21919F2	2	*	*	*	*	*			
0069	O	5305-984-6211	SCREW, MACHINE: GROUND WIRE CLAMP MTG	96906	MS35206-264	2	*	*	*	*	*			
0070	O	5310-809-8546	WASHER, FLAT: GROUND WIRE CLAMP MTG	96906	MS27183-8	4	*	*	*	*	*			
0071	O	5310-167-0662	WASHER, LOCK: GROUND WIRE CLAMP MTG	96906	MS35337-43	4	*	*	*	*	*			
0072	O	5310-012-0361	NUT, PLAIN, HEXAGON: GROUND WIRE CLAMP											
			MOUNTING	96906	MS35649-102	2	*	*	*	*	*			
0073	X2O	5307-722-9437	STUD, CONTINUOUS THREAD: GROUND	97403	13214E1223	1	*	*	*	*	*			
0074	X2O		WASHER, LOCK: BRONZE, EXTERNAL TOOTH,											
			3/8 IN. GROUND STUD	96906	MS35335-91	2	*	*	*	*	*			
0075	O	5310-835-7478	NUT, PLAIN, HEXAGON: BRASS, GROUND STUD											
			TO TRAILER	96906	MS35691-611	2	*	*	*	*	*			
0076	X2O	5310-900-6323	WASHER, FLAT: BRASS, GROUND STUD	96906	MS45901-7	2	*	*	*	*	*			
0077	O	5310-720-8528	NUT, PLAIN, HEXAGON: BRASS, GROUND STUD	96906	MS35690-611	1	*	*	*	*	*			
0078	O	5310-543-4717	NUT, PLAIN, WING: BRASS, GROUND STUD	96906	MS35425-8	1	*	*	*	*	*			
0079			1507 - LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)											
0080	X2O	2590-318-6691	LEG TRAILER PROP	97403	13214E1026	1	*	*	*	*	*			
0081	X2O		BRACKET	97403	13214E1207	1	*	*	*	*	*			
0082	X2O		LEG ASSEMBLY, UPPER	97403	13214E1208	1	*	*	*	*	*			
0083	X2O		CHAIN: PIN RETAINING	97403	13214E1208-6	1	*	*	*	*	*			
0084	X2O		PIN	97403	13214E1208-5	1	*	*	*	*	*			
0085	X2O		LEG, BASE	97403	13214E1212	1	*	*	*	*	*			
0086	X2O		SHAFT	97403	13214E1209	1	*	*	*	*	*			
0087	O	4730-172-0049	FITTING, LUBRICATION	96906	MS15006-1		*	*	*	*	*			
0088	X2O		SCREW	97403	13214E1210	1	*	*	*	*	*			
0089	X2O		NUT	97403	13214E1211	1	*	*	*	*	*			
0090	X2O		RIVET, SOLID, UNIVERSAL HEAD:											
			1/4 IN. DIA	96906	MS20613-8P32	1	*	*	*	*	*			
0091	X2O		PIN, COTTER: 1/8 IN. DIA, 3/4 IN. LG	96906	MS24665-351	1	*	*	*	*	*			
0092	X2O	5305-269-3213	SCREW, CAP, HEXAGON HEAD: LEG ASSEMBLY											
			TO TRAILER, 3/8-16 x 1 1/4 IN. LG	96906	MS90725-62	3	*	*	*	*	*			
0093	O	5310-809-4061	WASHER, FLAT: LEG ASSEMBLY TO TRAILER	96906	MS27183-15	6	*	*	*	*	*			
0094	O	5311-087-4652	NUT, SELF-LOCKING, HEXAGON: LEO ASSEMBLY											
			TO TRAILER	96906	MS51922-17	3	*	*	*	*	*			
0095			GROUP 18 - BODY, CAB, HOOD AND HULL											
0096			1810 - CARGO BODY (DUMP, STAKE, AND PLATFORM)											
0097	X2F	2330-141-8050	TRAILER: (M105)	97403	13214E241	1			*	*	*			
0098			GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS											
0099			2202 - ACCESSORY ITEMS											
0100	X2O	7240-222-3088	CAN, GASOLINE: MILITARY, 5 GAL		MILC1283	2	*	*	*	*	*			
0101	X2O	7240-177-6154	SPOUT, CAN, FLEXIBLE: FUEL CAN			2	*	*	*	*	*			
0102	X2O	2910-066-1235	ADAPTER, ASSEMBLY FUEL TANK		13211E7541	2	*	*	*	*	*			
0103	X2O		PIPE	97403	13211E7542	2	*	*	*	*	*			
0104	X2O		WASHER, BRASS	97403	13211E7544	2	*	*	*	*	*			
0105	X2O		SCREW, SHOULDER	97403	13211E17545	4	*	*	*	*	*			
0106	X2O		RING, SEALING	97403	13211E7546	2	*	*	*	*	*			
0107	X2O		WASHER, RUBBER	97403	13211E754	2	*	*	*	*	*			
0108	X2O		HEAD	97403	13211E7548	2	*	*	*	*	*			

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UIC	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE			MAINT DEPOT	FIGURE NO.	ITEM NO.	
									MANUFACTURER'S						
									CODE	PART NO.					
ORGANIZATION		DS	GS												
1-5		6-10	100 EQUIPMENTS												
0109	X2O				WASHER, STEEL	97403	13200E6361	2	*	*	*	*	*		
0110	X2O				CLAMP	97403	13200E6363	2	*	*	*	*	*		
0111	O			5310-209-1239	WASHER, LOCK; SHOULDER SCREW	96906	MS35335-60	4	*	*	*	*	*		
0112	X2O				PIPE, EXTENSION	97403	13211E7542	2	*	*	*	*	*		
0113	X2O			4730-914-4678	ADAPTER, STRAIGHT, PIPE TO HOSE		13214E1234	2	*	*	*	*	*		
0114					2210 - ATA PLATES AND INSTRUCTION HOLDERS										
0115	X2O				NAMEPLATE: ACCESSORY BOX	14850	D900-468X	1	*	*	*	*	*		
0116	X2O				NAMEPLATES FIRE EXTINGUISHER	14850	D9-284-3	1	*	*	*	*	*		
0117	X2O				NAMEPLATE: GENERATOR SET	97403	13212E3599	1	*	*	*	*	*		
0118	X2O				WASHER, LOCK	96906	MS35337-77	4	*	*	*	*	*		
0119	X2O			530-548-2088	SCREW, TAPPING, THREAD FORMING	96206	MS24622-3	4	*	*	*	*	*		
0120	X2O				NAMEPLATE: GROUND ROD	14850	D9-28&2	1	*	*	*	*	*		
0121	X2O				NAMEPLATE: GROUND TERMINAL	14850	D9-11A	1	*	*	*	*	*		
0122	X2O				NAMEPLATE: SLEDGE HAMMER	14850	D9-28A1	1	*	*	*	*	*		
0123	X2O				SCREW, DRIVE: No. 2 NAMEPLATE MTG	14850	A1-1613F46	14	*	*	*	*	*		
0124	X2O				PLATE, IDENTIFICATION	97403	13212E3599	1	*	*	*	*	*		
0125					GROUP 40 - ELECTRIC MOTORS AND GENERATORS										
0126					4000 - MAJOR ASSEMBLAGE										
0127	X2FR			6115-548-1377	GENERATOR SET, GASOLINE ENGINE	02032	APGH11636	2			*	*	*		
0128	X2F			5305-724-5910	SCREW, CAP, HEXAGON HEAD: GENERATOR MTG	96906	MS90725-162	8			*	*	*		
0129	X F			5310-823-8803	WASHER, FLAT: GENERATOR MTG	96906	M27183-21	16			*	*	*		
0130	X2F				SHIM: GENERATOR MTG	97403	13214E1222-3	8			*	*	*		
0131	X2F			5310-269-4040	NUT, SELF-LOCKING, HEXAGON: GENERATOR MOUNTING	96906	MS51922-49	8			*	*	*		
0132					4019 - RADIO INTERFERENCE SUPPRESSION										
0133	M O				WIRE, ELECTRICAL (UNINSULATED): GENERATOR TO GROUND STUD MANUFACTURE FROM:			1							
0134	P O			6145-299-4456	WIRE, ELECTRICAL (LENGTH AS REQUIRED)	96906	QQW343	FT		SEE GRP 9501					
0135					GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS										
0136					7603 - FIRE EXTINGUISHERS										
0137	P1O			4210-555-8837	EXTINGUISHER, FIRE:			1	*	*	*	*	*		
0138	X2O				MONOBROMOTRIFLOUROMETHANE			1	*	*	*	*	*		
0139	X2O			5305-068-0502	BRACKET, FIRE EXTINGUISHER	14850	D443C								
0140	O			5310-809-4058	SCREW, CAP, HEXAGON HEAD: EXTINGUISHER T	96906	MS90725-6	4	*	*	*	*	*		
0141	O			5310-088-1251	MTG, 1/4-20 x 3/4 IN. LG	96906	MS27183-10	8	*	*	*	*	*		
0142	P1O			4210-270-4512	WASHER, FLAT: EXTINGUISHER T	96906	MS51922-1	4	*	*	*	*	*		
0143	X2O			6115-606-9338	NUT, SELF-LOCKING, HEXAGON: EXTINGUISHER MOUNTING	96906		1	*	*	*	*	*		
0144					EXTINGUISHER, FIRE			1	*	*	*	*	*		
0145					BRACKET, FIRE EXTINGUISHER										
0146	P O			8305-267-3009	GROUP 95 - GENERAL USE STANDARDIZED PARTS										
0147	P O			6145-857-6903	9501 - BULK MATERIAL										
					WEBBING, NYLON	06716	1403	FT	*	*	*	*	*		
					WIRE, ELECTRICAL			FT	*	*	*	*	*		

## CHAPTER 14

### GENERATOR SETS PU-375/G AND PU-375A/G

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#### Section I. DESCRIPTION AND DATA

##### 14-1. Description

*a. General.* The PU-375/G and PU-375A/G Generator Sets consist of either a PU-107/U or PU-107A/U gasoline engine generator set, mounted on a two-wheel, box type steel body, 3/4-ton capacity, cargo trailer, type M101.

*b. Function.* The PU-375/G and PU-375A/G Generator Sets provide mobile facilities for AC and DC power for Radio Set AN/TPS-1D.

*c. PU-107/U.* For description and further information on PU-107/U Generator Sets, refer to applicable technical manual, as shown on generator set nameplate or in DA Pam 310-4.

*d. PU-107A/U.* For description and further information about units equipped with PU-107A/U Generator Sets, refer to applicable technical manual, as shown on generator set nameplate or in DA Pam 310-4, and DA supply manual ENG 7, 8 and 9.

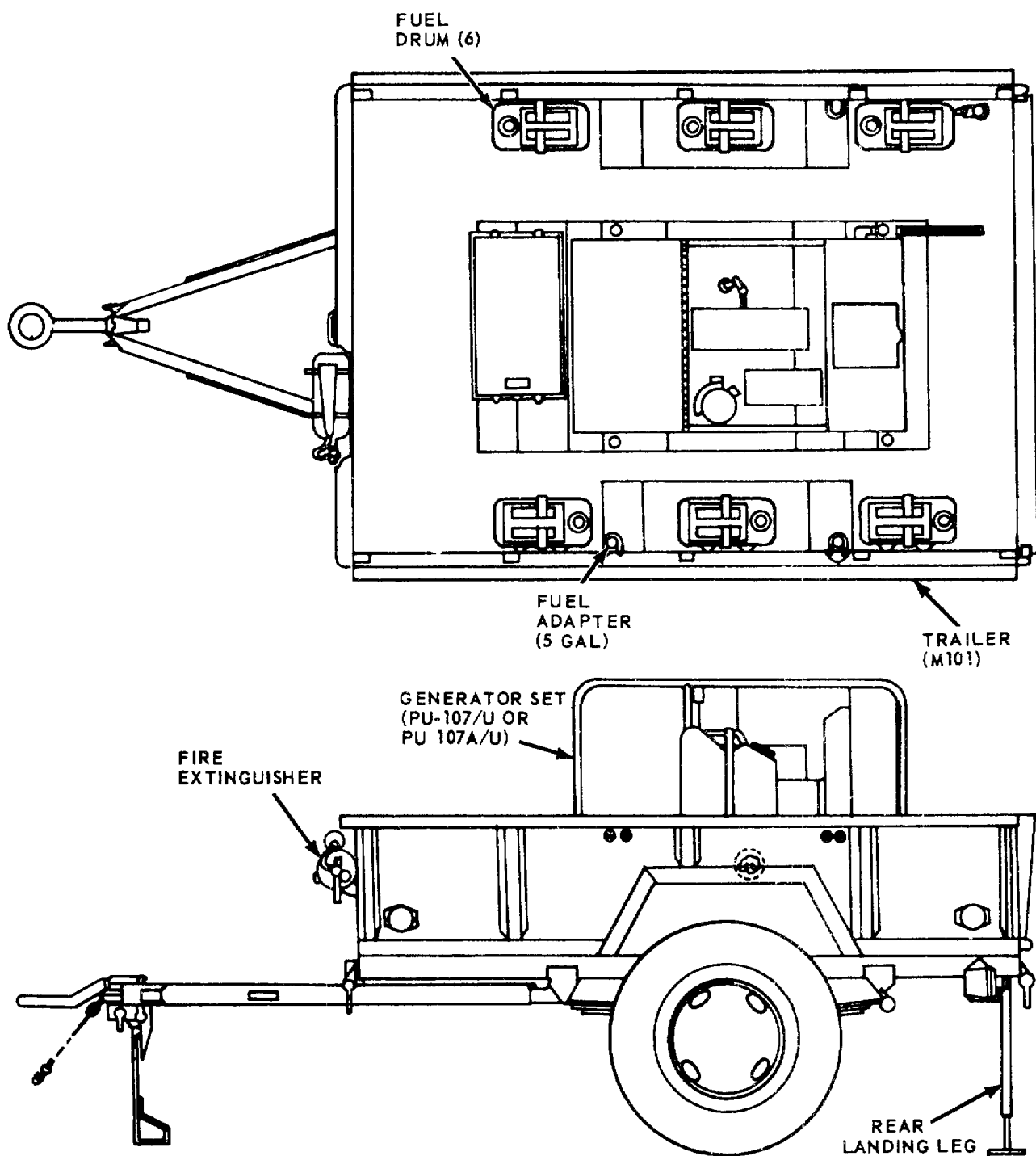
*e. Generator.* For description and further information about the O'Keefe and Merritt, permanent magnet type, 28-pole, 120/208-volt, one or three phase, 400-cycle generator, Signal Corp, stock number 3H2441-4, refer to TM 11-919. Applicable technical

manuals, as shown on nameplate or in DA Pam 310-4, will provide description and additional information on the John R. Hollingsworth Corporation model APG-H-11636 Generator.

*f. Engine.* Applicable technical manuals, as shown on nameplates or in DA Pam 310-4, provide description and maintenance instructions for Continental Motors Corporation model FS-162 gasoline engine. Applicable technical manuals, as shown on nameplate or in DA Pam 310-4, contain description and maintenance instructions for Willys-Overland model 807532 gasoline engine.

*g. Trailer.* For further trailer information, refer to applicable technical manual, as shown on trailer nameplate or in DA Pam 310-4.

*h. Lubrication.* Lubricate the trailer in accordance with instructions given in applicable technical manual, as shown in DA Pam 310-4. Applicable lubrication orders, as shown in DA Pam 310-4, contains instructions for lubricating the PU-107A/U Generator Set. Lubricate Willys-Overland gasoline model 807532 per LO 5-5235. Lubricate Continental model FS-162 gasoline engine as instructed by applicable lubrication order, as shown in DA Pam 310-4. Applicable technical manual, as shown in DA Pam 310-4, contains instructions for lubricating the PU-107/U Generator Set.



MEC 6115-365-15/14-1

Figure 14-1. Generator Set PU-756A/G.

## **Section II. REPAIR PARTS LIST**

(Parts data will be developed at a later date)

## CHAPTER 15

GENERATOR SET PU-551/G

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## Section I. DESCRIPTION AND DATA

**15-1. Description**

*a. General.* A diesel engine-driven, 45-kw, 60-cycle, ac generator, mounted on a 2 (dual) wheeled, flatbed steel body, 21/2-ton capacity, model M200A1 trailer, comprise the Generator Set PU-551/G.

*b. Function.* The PU-551/G Generator Set is a general purpose generator set and has multiple applications.

*c. Generator Sets.* For description and further information on Consolidated Diesel Electric model 4070 sets, refer to applicable technical manuals, as shown on generator set nameplate or in DA Pam 310-4.

*d. Engine.* For description and further information on the Continental Motors Corporation model TD 427-2281 diesel engine, refer to applicable technical manuals, as shown on nameplate or in DA Pam 310-4.

*e. Trailer.* For description and further trailer information, refer to applicable technical manuals, as shown on trailer nameplate or in DA Pam 310-4.

*f. Lubrication.* Refer to applicable technical manual, as shown in DA Pam 310-4, for trailer lubrication information.

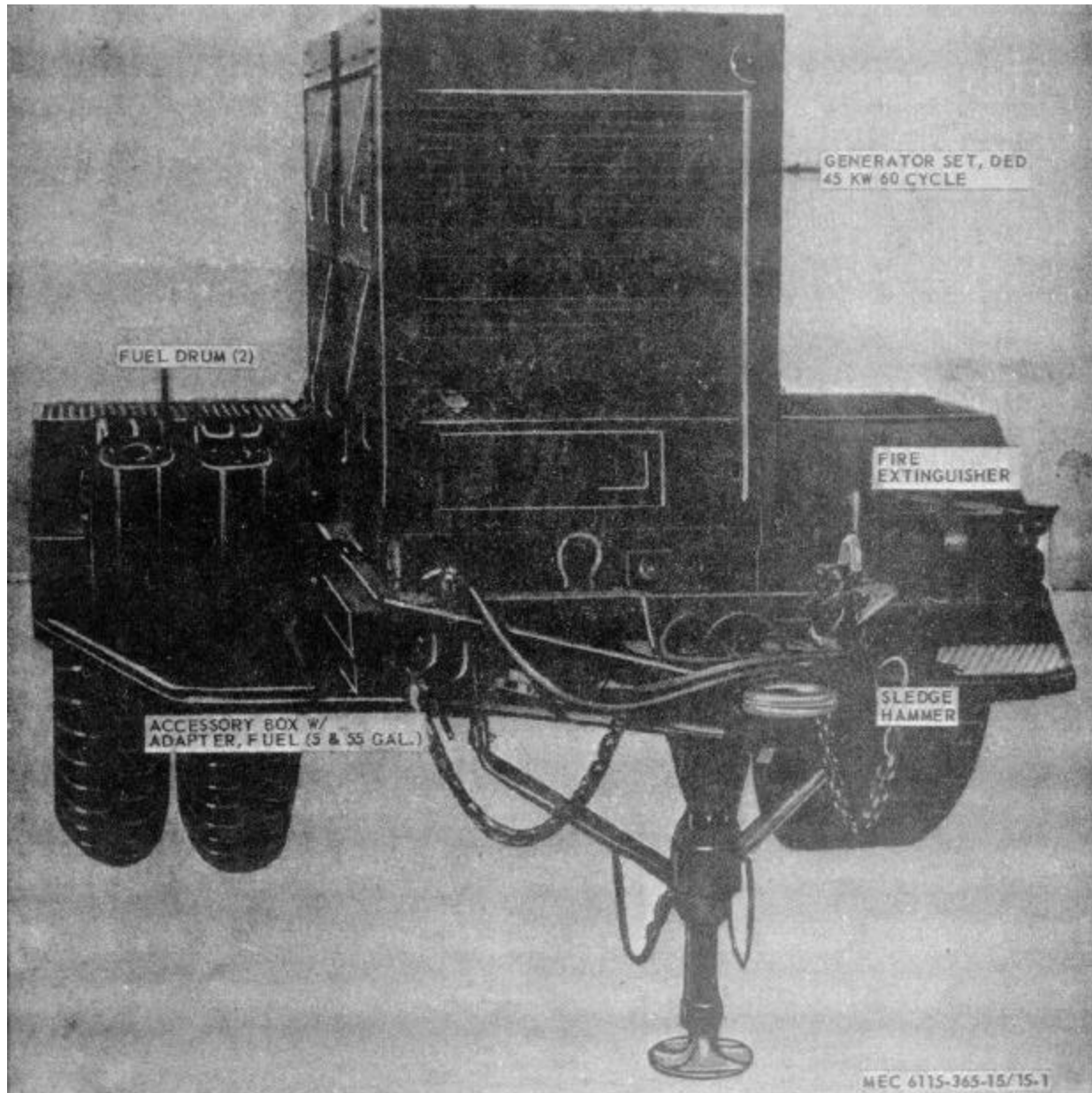


Figure 15-1. Generator Set PU-551/G.

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UIC	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST			
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE			MAINT DEPOT	FIGURE NO.	ITEM NO.				
									MANUFACTURER'S									
									CODE	PART NO.								
									1-5	6-10	100 EQUIPMENTS							
0002						GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS												
0003						1501 - FRAME ASSEMBLY												
0004		X2O			2510-706-4504	BRACKET ASSEMBLY, FUEL CAN	97403	13214E1203	2	*	*	*	*	*	15-2 1			
0005		X2O				BRACKET	97403	13214E1204	2	*	*	*	*	*				
0006		X2O				BUCKLE	96906	MS51940-7	2	*	*	*	*	*				
0007		X2O				FASTENER	97403	13214E1205	2	*	*	*	*	*				
0008		X2O				HOOK, DRIP RAIL	97403	13212E3616	2	*	*	*	*	*				
0009		M O				STRAP, BOTTOM	97403	13214E1203-3	2									
						MANUFACTURE FROM:												
0010		P O			8305-267-3009	WEBBING, NYLON (18 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE GRP	9501				15-24			
0011		M O				STRAP, TOP	97403	13214E1203-2	2									
0012		P O			8305-267-3009	MANUFACTURE FROM: WEBBING, NYLON (30 IN. REQUIRED FOR EACH STRAP)	06716	1403	FT	SEE GRP	9501							
0013		O			5310-984-3806	NUT, SELF-LOCKING, HEXAGON: FUEL CAN BRACKET MTG	96906	MS51922-9	8	*	*	*	*	*				
0014		O			5306-225-8497	SCREW, CAP, HEXAGON: FUEL CAN BRACKET MOUNTING	96906	MS90725-32	8	*	*	*	*	*				
0015		O			5310-081-4219	WASHER, FLAT: FUEL CAN BRACKET MTG	96906	MS27183-12	8	*	*	*	*	*				
0016		X2O				BRACKET ASSEMBLY, GROUND ROD	97403	13214E1288	1	*	*	*	*	*				
0017		X2O				BRACKET, GROUND ROD	14850	A116-726	1	*	*	*	*	*				
0011		X2O				HOLDER, GROUND ROD	14850	D116-725Y	1	*	*	*	*	*				
0019		X2O			5306-225-8498	SCREW, CAP, HEXAGON HEAD: GROUND ROD MTG	96906	MS90725-33	2	*	*	*	*	*				
0020		O			5310-081-41219	WASHER, FLAT: GROUND ROD MTG	96906	MS27183-12	2	*	*	*	*	*				
0021		X2O			5310-984-3806	NUT, SELF-LOCKING: GROUND ROD MTG	96906	MS51922-9	2	*	*	*	*	*				
0022		X2O				BRACKET ASSEMBLY, SLEDGE HAMMER	97403	13214E1214	1	*	*	*	*	*				
0023		X2O				BRACKET, SLEDGE HAMMER	14850	A116-740Y	1	*	*	*	*	*				
0024		X2O				HOLDER, SLEDGE HAMMER	14850	D116-741X	1	*	*	*	*	*				
0025		X2O			5340-914-2578	CLIP, SPRING: SLEDGE HAMMER BRACKET	97403	13214E1213-1	1	*	*	*	*	*				
0026		X2O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON: SLEDGE HAMMER BRACKET MTG	96906	MS51922-1	3	*	*	*	*	*				
0027		O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: SLEDGE HAMMER BRACKET MTG	96906	MS90725-6	3	*	*	*	*	*				
0028		O			5310-809-4058	WASHER, FLAT: SLEDGE HAMMER BRACKET MTG	96906	MS27183-10	3	*	*	*	*	*				
0029		X2O				ANCHOR, PLATFORM	97403	13214E1303	2	*	*	*	*	*				
0030		X2O				BRACKET, PLATFORM: LEFT HAND	97403	13214E1299	1	*	*	*	*	*				
0031		X2O				BRACKET, PLATFORM: RIGHT HAND	97403	13214E1300	1	*	*	*	*	*				
0032		X2O				NUT, SELF-LOCKING, HEXAGON: PLATFORM BRACKET MTG	96906	MS51922-33	6	*	*	*	*	*				
0033		O			5305-053-8993	SCREW, CAP, HEXAGON HEAD: PLATFORM MTG BRACKET	96906	MS90725-112	6	*	*	*	*	*				
0034		O			5310-809-3079	WASHER, FLAT: PLATFORM BRACKET MTG	96906	MS27183-19	6	*	*	*	*	*				
0035		X2O				CLAMP, PLATFORM	97403	13214E1302	1	*	*	*	*	*				
0036		X2O				ROD, CLAMP	97403	13214E1301	1	*	*	*	*	*				
0037		O			5310-889-2606	NUT, PLAIN, WING: CLAMP MTG	96906	MS535425-41	1	*	*	*	*	*				
0038		O			5315-013-7946	PIN, COTTER: CLAMP MTG	96906	MS24665-349	1	*	*	*	*	*				
0039		X2O				PLATFORM, PERSONNEL	97403	13214E1298	1	*	*	*	*	*				
0040		O			5310-067-6356	NUT, SELF-LOCKING, HEXAGON: PLATFORM MTG	96906	MS51922-57	2	*	*	*	*	*				
0041		X2O				SCREW, CAP, HEXAGON HEAD: PLATFORM MTG	96906	MS90725-187	2	*	*	*	*	*				
0042		O			5310-809-8533	WASHER, FLAT: PLATFORM MTG	96906	MS27183-23	2	*	*	*	*	*				
0043		X2O				STUD, GROUND WIRE	97403	13214E1223	1	*	*	*	*	*				
0044					5310-720-8531	NUT, PLAIN, HEXAGON: GROUND STUD	96906	MS35691-611	2	*	*	*	*	*				
0045					5310-720-8528	NUT, PLAIN, HEXAGON: GROUND STUD	96906	MS35690-611	1	*	*	*	*	*				
0046		O			5310-543-4717	NUT, PLAIN, WING: GROUND STUD	96906	MS35425-28	1	*	*	*	*	*				
0047		X2O				WASHER, FLAT: GROUND STUD	96906	MS45901-7	4	*	*	*	*	*				
0048		X2O				WASHER, LOCK: GROUND STUD	96906	MS35335-91	1	*	*	*	*	*				
0049						GROUP 18 - BODY, CAB, HOOD AND HULL												
0050						1808 - STOWAGE RACKS, BOXES, STRAPS, CARRYING CASES, CABLE REELS, HOSE REELS, ETC.												
0051		X2O			6115-705-4604	CHEST, ACCESSORY STOWAGE	97403	13214E1273	1	*	*	*	*	*	15-2 3			
0052		O			5310-984-3806	NUT, SELF-LOCKING, HEXAGON: ACCESSORY CHEST MTG	96906	MS51922-9	2	*	*	*	*	*				
0053		X2O			5306-225-8497	SCREW, CAP, HEXAGON: ACCESSORY CHEST MTG	96906	MS90725-32	2	*	*	*	*	*				
0054		O			5310-081-4219	WASHER, FLAT: ACCESSORY CHEST MTG	96906	MS27183-12	2	*	*	*	*	*				

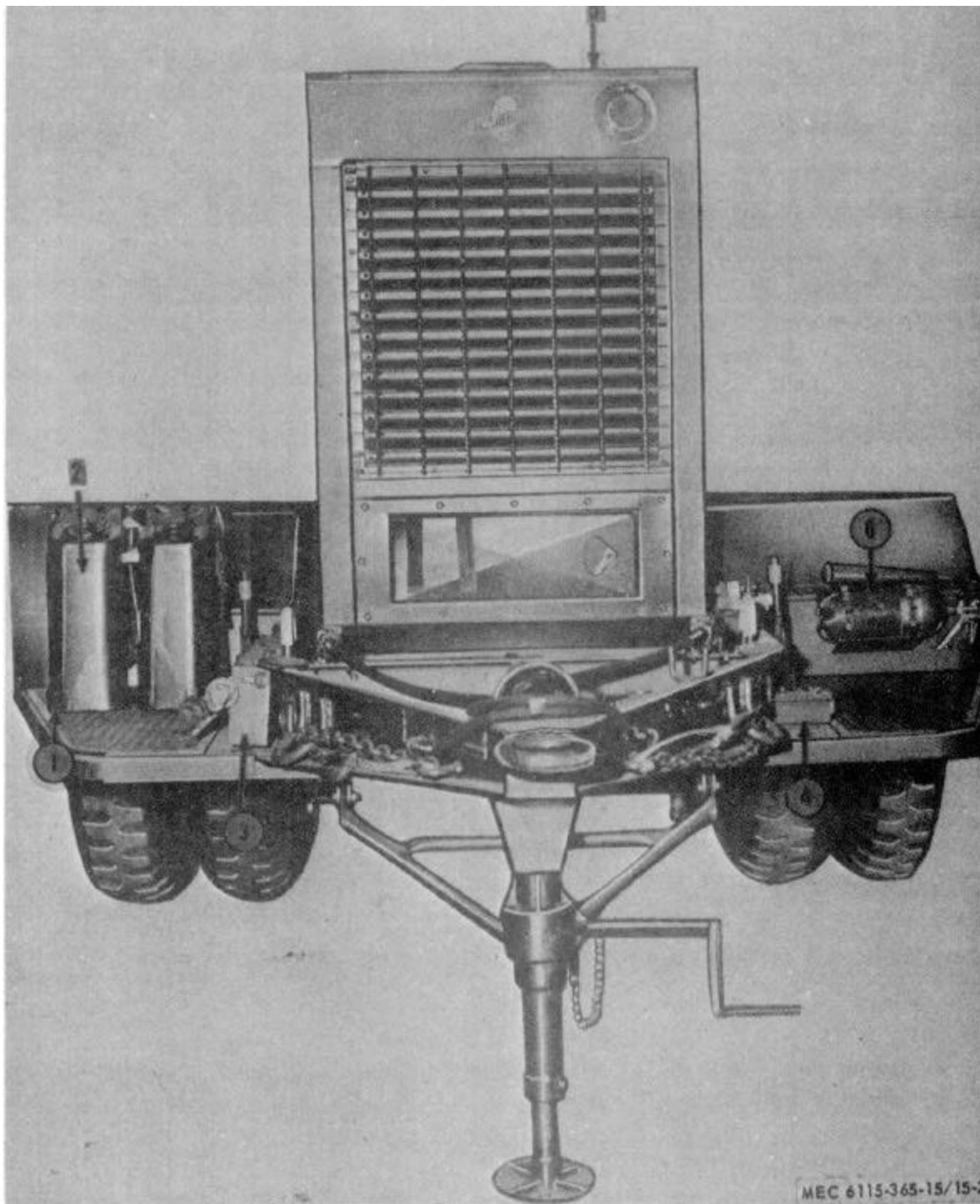


## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UIC	GUIDE QTY(S) PER MAJ EQUIPS						ILLUST	
	MATERIAL	SOURCE	MAINT	RECOVERABILITY					15 DAYS MAINTENANCE				MAINT DEPOT	FIGURE NO.	ITEM NO.	
									ORGANIZATION			DS				GS
									1-5	6-10	100 EQUIPMENTS					
0055					1810 - CARGO BODY (DUMP, STAKE, AND PLATFORM)											
0056	X2FR				2330-331-2307	TRAILER: 2 1/2 TON M200A1		1			*	*	*			
0057						GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS										
0058						2202 - ACCESSORY ITEMS										
0059	X2O				6145-189-6695	LEAD, GROUND		1	*	*	*	*	*	*		
0060	X2O				7240-222-3088	CAN, FUEL: 5 GAL		2	*	*	*	*	*	*	15-2 2	
0061	X2O				7240-177-6154	NOZZLE, FLEXIBLE: FUEL CAN		1	*	*	*	*	*	*		
0062	X2O				6115-319-3991	ADAPTER, FUEL CAN		1	*	*	*	*	*	*		
0063	X2O					PIPE	97403	1	*	*	*	*	*	*		
0064	X2O					WASHER, BRASS	97403	2	*	*	*	*	*	*		
0065	X2O					SCREW, SHOULDER	97403	2	*	*	*	*	*	*		
0066	X2O					RING, SEALING	97403	1	*	*	*	*	*	*		
0067	X2O					WASHER, RUBBER	97403	1	*	*	*	*	*	*		
0068	X2O					HEAD	97403	1	*	*	*	*	*	*		
0069	X2O					WASHER, STEEL	97403	1	*	*	*	*	*	*		
0070	X2O					CLAMP	97403	1	*	*	*	*	*	*		
0071	O				5310-209-1239	WASHER, LOCK	96906	1	*	*	*	*	*	*		
0072	X2O					PIPE, EXTENSION	97403	1	*	*	*	*	*	*		
0073	O				4730-278-3357	ADAPTER, STRAIGHT: HOSE		1	*	*	*	*	*	*		
0074						2210 - DATA PLATES AND INSTRUCTION HOLDERS										
0075	X2O					NAMEPLATE: ACCESSORY BOX	14350	1	*	*	*	*	*	*		
0076	X2O					NAMEPLATE: FIRE EXTINGUISHER	14830	2	*	*	*	*	*	*		
0077	X2O					NAMEPLATE: GROUND ROD	14850	1	*	*	*	*	*	*		
0078	X2O					NAMEPLATE: GROUND ROD	14850	1	*	*	*	*	*	*		
0079	X2O					NAMEPLATE: IDENTIFICATION: POWER UNIT	97403	1	*	*	*	*	*	*		
0080	X2O					NAMEPLATE: SLEDGE HAMMER	14850	1	*	*	*	*	*	*		
0081	X2O					NAMEPLATE, IDENTIFICATION: DISTRIBUTION BOX	97403	1	*	*	*	*	*	*		
0082	X2O					NAMEPLATE: WIRING DIAGRAM	97403	1	*	*	*	*	*	*		
0083	X2O					SCREW, TAPPING: PAN HEAD, NAMEPLATE MTG No. 2-32 x 1/4 IN. LG	96906	2	*	*	*	*	*	*		
0084	X2O					SCREW, TAPPING: PAN HEAD, NAMEPLATE MTG No. 4-24, 1/4 IN. LG	96906	8	*	*	*	*	*	*		
0085	X2O					SCREW, TAPPING: PAN HEAD, NAMEPLATE MTG No. 4, 5/16 IN. LG	96906	14	*	*	*	*	*	*		
0086						GROUP 40 - ELECTRIC MOTORS AND GENERATORS										
0087						4000- MAJOR ASSEMBLE										
0088	X2FR				6115-970-0006	GENERATOR, DIESEL ENGINE: 45 KW		1			*	*	*	*	15-2 4	
0089	X2F				5306-180-0094	BOLT, MACHINE: AIRCRAFT, 5/-18, 41/64 IN. LG GENERATOR MTG	8044	4			*	*	*	*		
0090	X2F					NUT, SELF-LOCKING, HEXAGON: GENERATOR MOUNTING	96906	4			*	*	*	*		
0091	X2F					WASHER, BEVELED: GENERATOR MTG	97403	4			*	*	*	*		
0092	F				5310-951-7209	WASHER, FLAT: GENERATOR MTG	96906	4			*	*	*	*		
0093						4019 - RADIO INTERFERENCE SUPPRESSION										
0094	M O					WIRE, ELECTRICAL: GENERATOR TO GROUND STUD	81349	1								
0095	P O				6145-857-6903	MANUFACTURE FROM: WIRE, ELECTRICAL (LENGTH AS REQUIRED)		FT	SEE ;RP 9501							
0096						GROUP 42 - ELECTRICAL EQUIPMENT										
0097						4201 - TRANSFORMER, POWER LINE OR DISTRIBUTION										
0098	X2O					DISTRIBUTION BOX	97403	1	*	*	*	*	*	*		
0099	X2O					BOX: DISTRIBUTION	97403	1	*	*	*	*	*	*		
0100	X2O					TERMINAL BOARD: DISTRIBUTION BOX	97403	1	*	*	*	*	*	*		
0101	X2O					SCREW, CAP, HEXAGON HEAD: TERMINAL BOARD MTG	96906	6	*	*	*	*	*	*		
0102	O				5310-809-4058	WASHER, FLAT: TERMINAL BOARD MTG	96906	4	*	*	*	*	*	*		
0103	O				5310-088-1251	NUT, SELF-LOCKING, HEXAGON: TERMINAL BOARD MTG	96906	6	*	*	*	*	*	*		
0104	X2O					STUD, SHOULDER: DISTRIBUTION BOX MTG	97403	4	*	*	*	*	*	*		
0105	X2O					WASHER, FLAT: DISTRIBUTION BOX MTG	96906	20	*	*	*	*	*	*		

## Section II. REPAIR PARTS LIST

LINE NO.	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QTY INCORPORATED IN UIC	GUIDE QTY(S) PER MAJ EQUIPS					ILLUST		
	MATERIAL	SOURCE	MAINT					RECOVERABILITY	15 DAYS MAINTENANCE			MAINT DEPOT	FIGURE NO.	ITEM NO.	
									ORGANIZATION	DS	GS				
1-5	6-10	100 EQUIPMENTS													
0106		O		5310-576-0548	WASHER, LOCK: DISTRIBUTION BOX MTG	96906	MS35337-103	12	*	*	*	*	*		
0107		O		5310-685-2632	NUT, PLAIN, HEXAGON DISTRIBUTION BOX MOUNTING	96906	MS35691-612	16	*	*	*	*	*		
0108	X2O			5305-988-1722	PANEL	97403	13214E1280	1							
0109	O				SCREW, MACHINE: PAN HEAD PANEL MTG	96906	MS35206-278	8	*	*	*	*	*		
0110	X2O				NAMEPLATE: DISTRIBUTION BOX	97403	13214E1284	1	SEE GRP 2210						
0111	X2O				CABLE ASSEMBLY: DISTRIBUTION BOX	97403	13214E1282-2	1	*	*	*	*	*		
0112	X2O				CABLE ASSEMBLY: DISTRIBUTION BOX	97403	13214E1282-1	1	*	*	*	*	*		
0113	X2O				SCREW MACHINE: PAN HEAD, No. 10-32, 5/8 IN. LG	96906	MS35207-264	8	*	*	*	*	*		
0114	X2O			5310-809-8546	WASHER, FLAT	96906	MS27183-8	8	*	*	*	*	*		
0115	X2O			5310-167-0662	WASHER, LOCK	96906	MS35337-43	8	*	*	*	*	*		
0116	O			5310-102-0614	NUT, PLAIN, HEXAGON	96906	MS3650-102	8	*	*	*	*	*		
0117	X2O				NAMEPLATE: WIRING DIAGRAM	97403	13214E1283	1	SEE RP 2210						
0118	X2O				CONNECTOR AND LOCKNUT	97403	13212E3582-3	1	*	*	*	*	*		
0119	X2O				COVER, ELECTRICAL CONNECTOR	960	MS17349N36B	2	*	*	*	*	*		
0120					GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS										
0121					7603 - FIRE EXTINGUISHERS										
0122	P1O			4210-555-8837	EXTINGUISHER, FIRE			1	*	*	*	*	*	15-2 6	
0123	X2O			6115-606-9938	BRACKET, FIRE EXTINGUISHER (USED WITH FIRE EXTINGUISHER STOCK No. 4210-555-8837)	14850	D443C	1	*	*	*	*	*		
0124	X2O			5305-068-0502	SCREW, CAP, HEXAGON HEAD: EXTINGUISHER MTG. 1/4 - 20, 3/4, IN. LG	96906	MS90725-6	4	*	*	*	*	*		
0125	O			5310-809-4058	WASHER, FLAT: EXTINGUISHER	96906	MS527183-10	8	*	*	*	*	*		
0126	O			5310-088-1251	NUT, SELF-LOCKING, HEXAGON EXTINGUISHER MOUNTING	96906	MS51922-1	8	*	*	*	*	*		
0127	P1O			4210-270-4512	EXTINGUISHER, FIRE			1	*	*	*	*	*		
0128	X2O			6115-606-9338	BRACKET, FIRE EXTINGUISHER (USED WITH FIRE EXTINGUISHER STOCK No. 4210-270 512)			1	*	*	*	*	*		
0129					GROUP 95 - GENERAL USE STANDARDIZED PARTS										
0130					9501 - BULK MATERIAL										
0131	P O			8305-267-3009	WEBBING, NYLON	06716	1403	FT	*	*	*	*	*		
0132	P O			6145-857-6903	WIRE, ELECTRICAL			FT	*	*	*	*	*		



- 1 Bracket
- 2 Can
- 3 Box

- 4 Bracket
- 5 Generator
- 6 Extinguisher

Figure 15-2. Accessories.

## CHAPTER 16

## GENERATOR SET PU-304C/MPQ-4

## Section I. DESCRIPTION AND DATA

## 16-1. Description

*a. General.* A 10 kW, model HF-10-MD generator set and auxiliary MPQ-4 radar components, mounted on a 1-1/2 ton trailer, model M103A3, comprise the self-contained mobile unit referred to as Trailer Mounted Generator Set PU304C/MPQ-4 (See figures 16-1 and 16-2). The generator is powered by a directly coupled 4-cylinder, 20 hp, Military Standard Model 4A084 engine. The function of the generator set is to supply power to operate MPQ-4 Radar Set (Refer to TM 11-5840-208-10, -20, -30, and -45). PU-304C/MPQ-4 includes the components listed below in Table 16-1.

*b. Generator.* For description and further generator operation and maintenance information not covered in this chapter, refer to TM 5-6115-275-14.

*c. Engine.* For description and further engine operation and maintenance information not covered in this chapter, refer to TM 5-2805-259-14.

*d. Trailer.* For description and trailer maintenance information not covered in this chapter, refer to TM 9-2330-213-14.

*e. Lubrication.* Refer to TM 5-6115-275-14, TM 5-2805-259-14, LO 5-2805-25912, and LO 92330-213-12 for lubrication information required for PU-304C/MPQ4.

*f. Radar Equipment.* For description and radar set information, refer to TM 11-5840-208. The following radar equipment is stowed on the trailer when used as a transporter: (See figure 16-2).

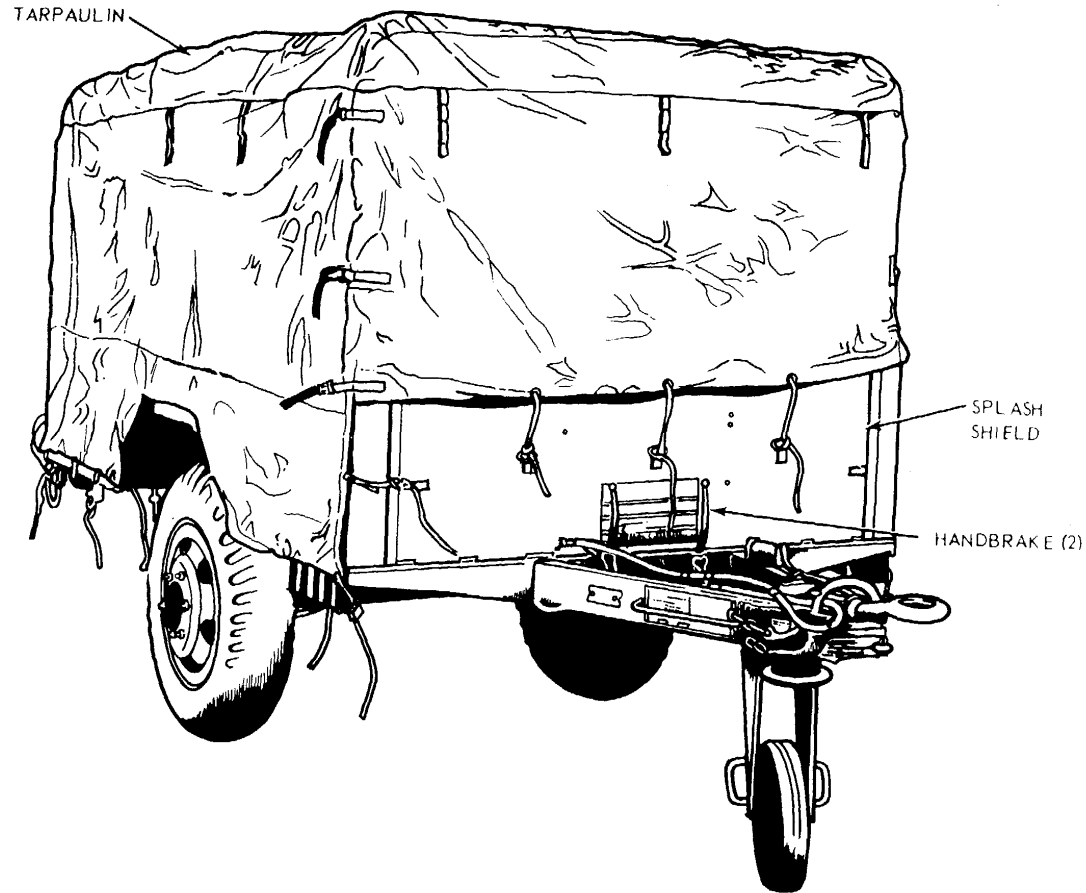
- (1) Electrical equipment shelter
- (2) Shelter blower assemblies (2)
- (3) Accessory cases (2)
- (4) Control indicator stand
- (5) Seat support (2)
- (6) Cables and reels (2)

## 16-2. Tabulated Data

Table 16-1 lists components for PU-304C/MPQ-4

Table 16-1. PU-304C/MPQ-4 Components

FSN	Qty	Nomenclature
2330-141-8052	1	Trailer: M103A3
	1	Generator: 10 kW, Model HF-10-MD
2590-318-6691	1	Leg prop assembly, trailer
2910-066-1235	4	Adapter assembly, fuel drum
7240-222-3088	6	Can, gasoline: Military 5-gallon
4210-555-8837	1	Fire extinguisher
5975-878-3791	2	Ground rod (w/attachments)
5120-251-4489	1	Sledge hammer
2540-00-459-5946	1	Tarpaulin



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SHIPPING DIMENSIONS

LENGTH	172 INCHES
WIDTH	83 INCHES
HEIGHT	66 INCHES
WEIGHT	2,540 POUNDS

NOTE: ROLL UP TARPAULIN AND REMOVE 2 BOLTS AND 2 NUTS FROM TOP OF SPLASH SHIELD. REMOVE SPLASH SHIELD BEFORE OPERATING EQUIPMENT.

Figure 16-1. PU-304C/MPQ-4, right front, 3/4 view.

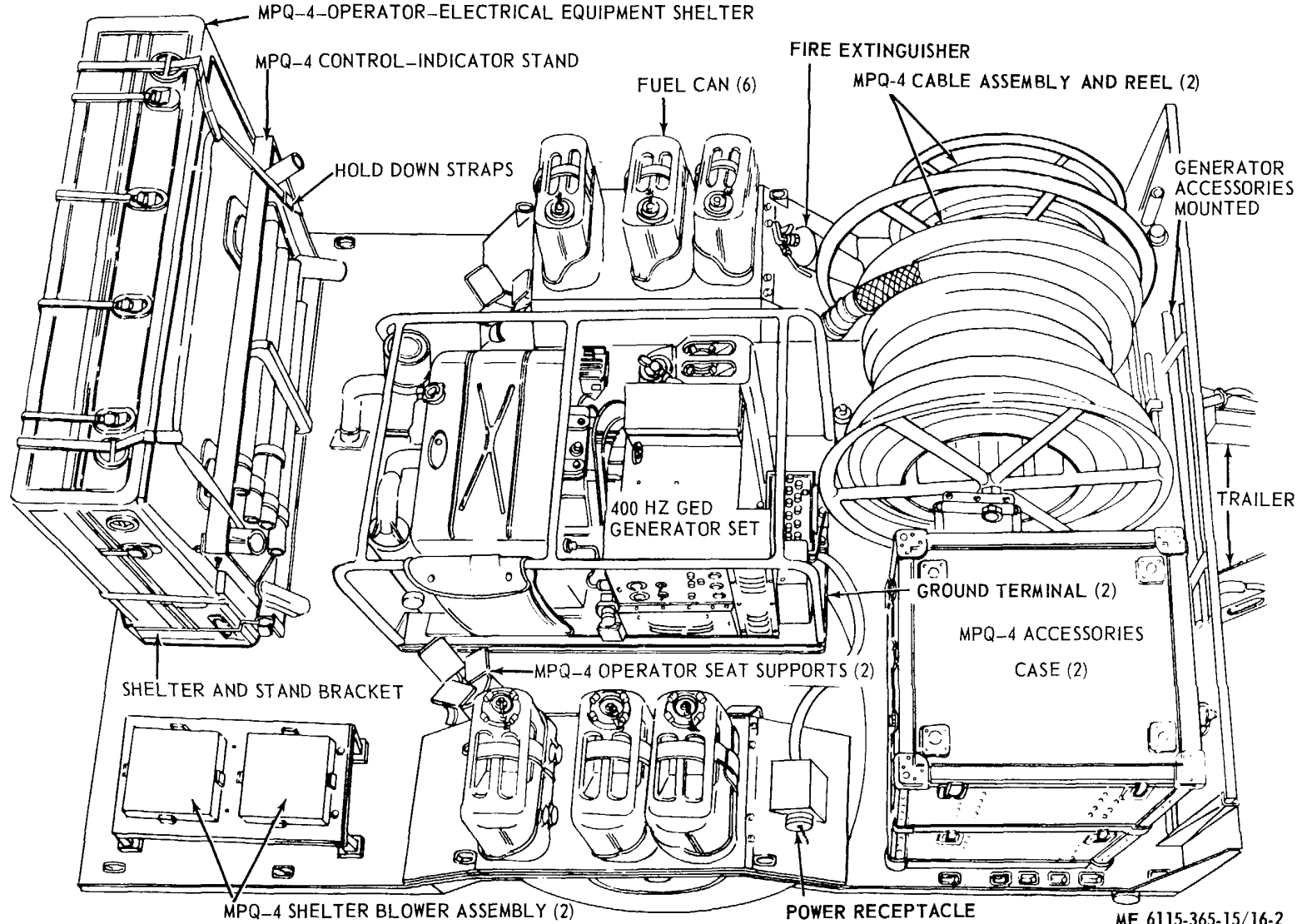


Figure 16-2. PU-304C/MPQ-4 overall view showing radar equipment stowed.

## Section II. OPERATING INSTRUCTIONS

### 16-3. Setting-Up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator sets (A) operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate the handbrake at weekly intervals to assure freedom of linkage.

(3) Pull leg support down and adjust length for firm contact with ground.

#### **Warning**

**Wheels must be blocked, brakes set, and leg support down in support position before attempting to roll up the tarpaulin and before starting to assemble or set up the equipment for operation.**

#### b. Preparation For Starting.

(1) Roll up tarpaulin, remove splash shield and set it aside as shown in figure 16-3.

(2) Remove all loose auxiliary items and anything else that might restrict the free circulation of air through the trailer and around the generator set. There should be a minimum of 25 inches of air space on all sides of the generator.

#### **Caution**

**It is of foremost importance that there be free circulation of air around the generator set at all times during operation. Inadequate ventilation is a major cause of damage to the equipment.**

(3) Connect the load cable as shown in figure 16-4.

#### c. Grounding.

#### **Warning**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain:

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (4 ft. sq) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground terminal stud and connect the generator to the ground terminal stud and connect the generator to the ground terminal stud as shown in figure 16-3.

d. *Fuel Hose Connection.* Connect the fuel hoses as illustrated in figure 16-5.

#### **Warning**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

### 16-4. Starting

a. Perform the setting-up and pre-starting procedures (para 16-3).

b. Start the generator set as instructed in TM 5-6115-450-15.

### 16-5. Stopping

Stop the generator set as instructed in TM 56115-450-15.

### 16-6. Operation

a. Operate the generator set as instructed in TM 5-6115-450-15.

b. Perform the fuel transfer procedure as instructed in figure 16-5.

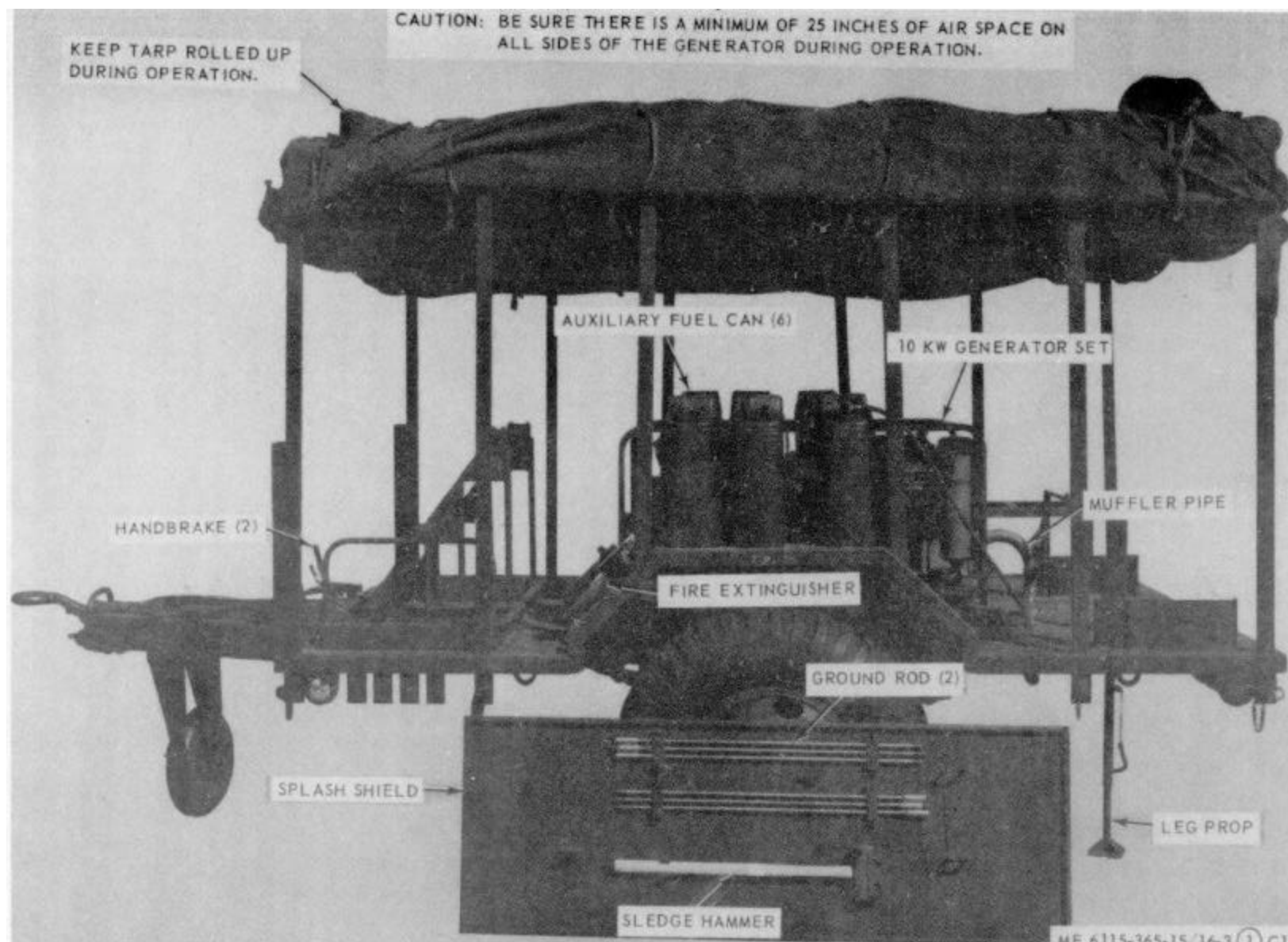


Figure 16-3. PU-304C/MPQ-4 set up for operation



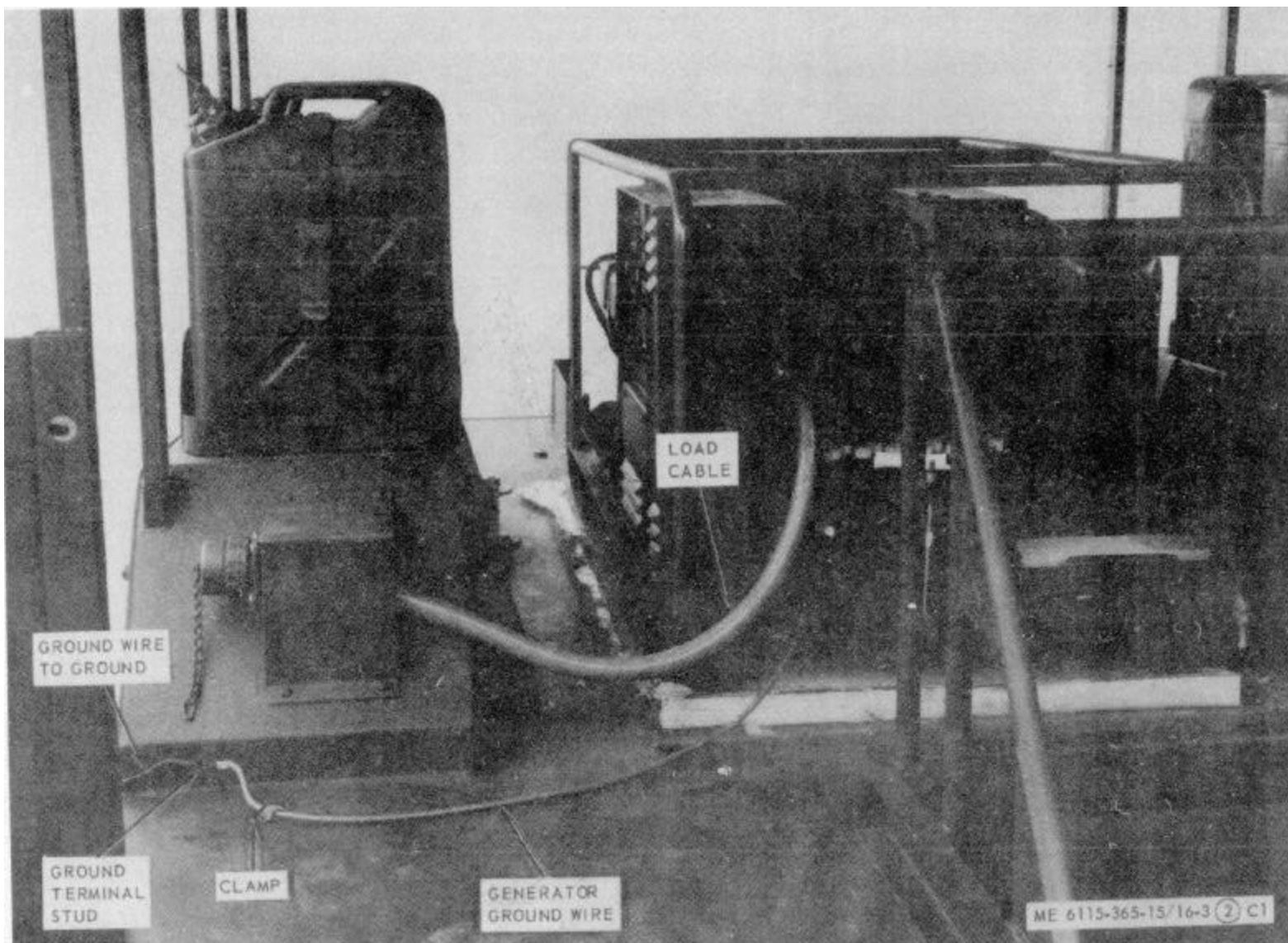
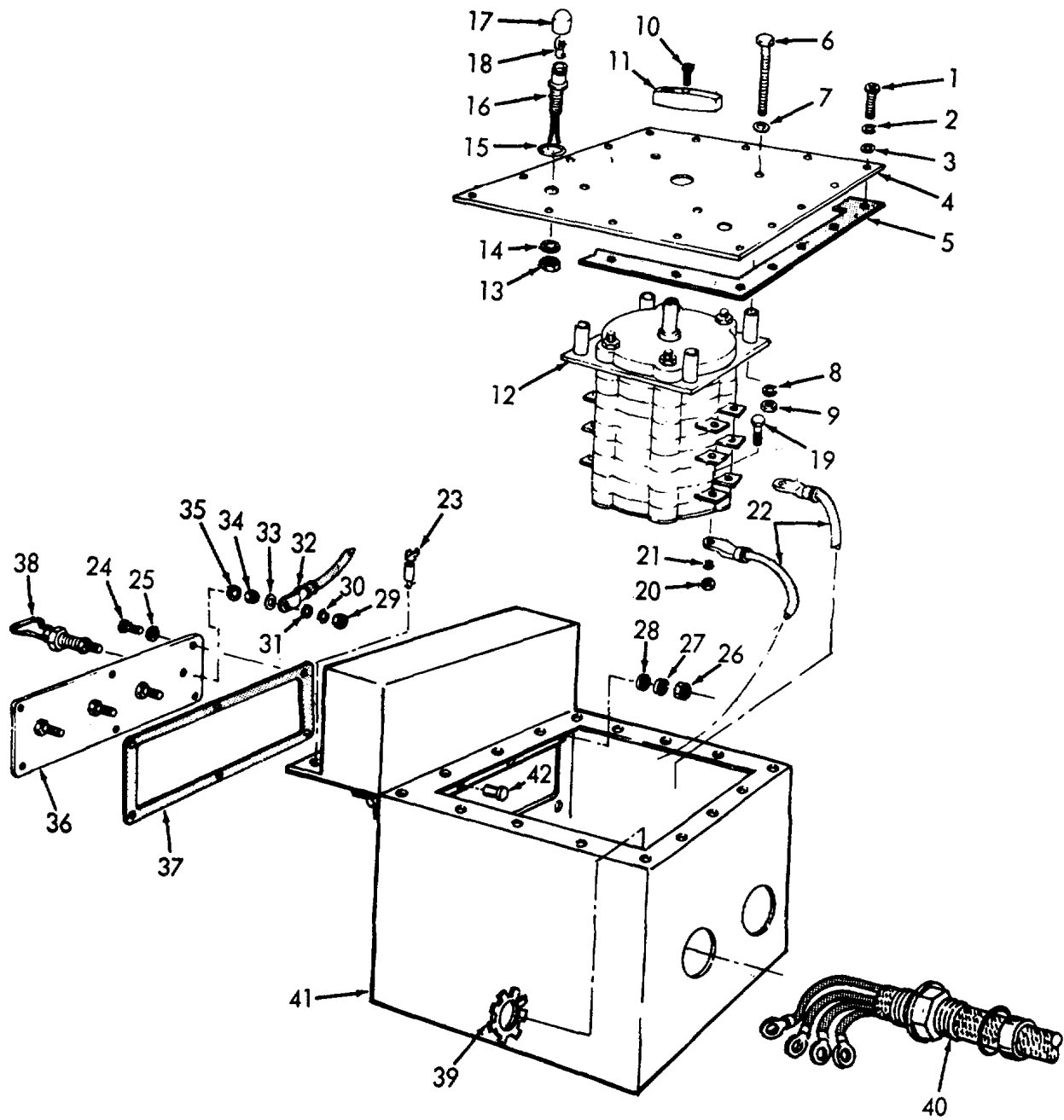


Figure 16-3. Continued.



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Figure 16-4. Load cable connection diagram.

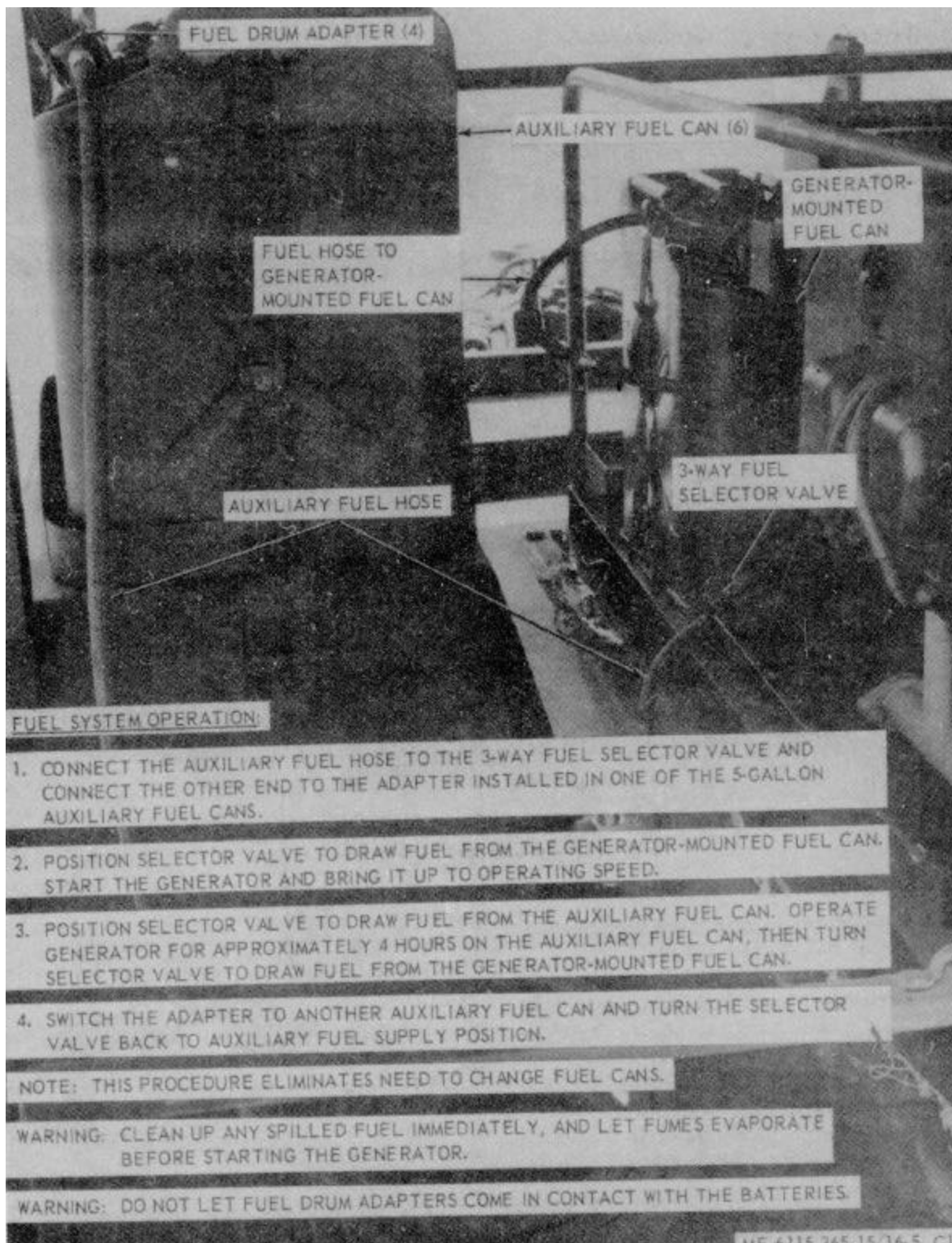


Figure 16-5. Fuel system connection and transfer procedure.

### Section III. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

#### 16-7. Ground Wires and Terminal Stud

*a. Removal.* Remove the ground wires from the ground terminal stud and generator set as shown in figure 16-3.

*b. Installation.* Install the ground terminal stud and ground wires as shown in figure 16-3.

#### 16-8. Tarpaulin, Roof Bows, and Leg Prop

*a. Removal.*

(1) Remove the tarpaulin from the unit.

(2) Pull out the pins that secure the roof bows to the trailer bed and remove the bows.

(3) Remove the hardware that secures the leg prop to the rear underside of the trailer bed and remove the leg prop.

*b. Cleaning and Inspection.*

(1) Clean tarpaulin and bows with water and detergent. Clean leg prop with approved cleaning solvent. Dry thoroughly.

(2) Inspect tarpaulin for tears, holes, broken or missing ropes and straps, and other defects. Inspect bows and leg prop for cracks, bends, and other defects.

*c. Installation.*

(1) Mount the leg prop to the underside of the trailer bed and secure with mounting hardware.

(2) Install the roof bows in the trailer bed and secure with pins. Install the tarpaulin and secure in desired position.

#### 16-9. Stowage Racks and Brackets and Straps

*a. General.* PU-304C/MPQ-4 is equipped with stowage racks and brackets for the Radar Equipment. Location of these brackets is shown in figure 16-3.

*b. Removal.* Remove the mounting hardware that secures the racks and brackets to the trailer bed and remove racks and brackets.

*c. Cleaning, Inspection, and Repair.*

(1) Clean with approved cleaning solvent and dry thoroughly.

(2) Inspect for breaks, bends, dents and missing or defective hardware. Inspect straps for wear and other damage.

(3) Straighten minor bends, replace defective straps and missing hardware, and replace a defective bracket that cannot be made serviceable.

*d. Installation.* Secure the stowage racks and brackets to the trailer bed with mounting hardware.

### Section IV. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

#### 16-10. Generator Set

*a. Removal.* Refer to figure 16-6 as a guide and perform the following steps:

(1) Disconnect fuel lines.

(2) Disconnect electrical leads and load cable.

(3) Disconnect oil drain adapter.

(4) Remove 2 bolts and nuts from muffler pipe and remove pipe from trailer.

(5) Remove the four bolts that secure the generator set to the trailer and remove the generator set.

*b. Installation.* Use figure 16-6 as a guide and perform the following steps:

(1) Secure the generator set to the trailer bed with 4 bolts.

(2) Secure muffler pipe to trailer bed with 2 bolts and 2 nuts.

(3) Connect the oil drain adapter.

(4) Connect the electrical leads and cable.

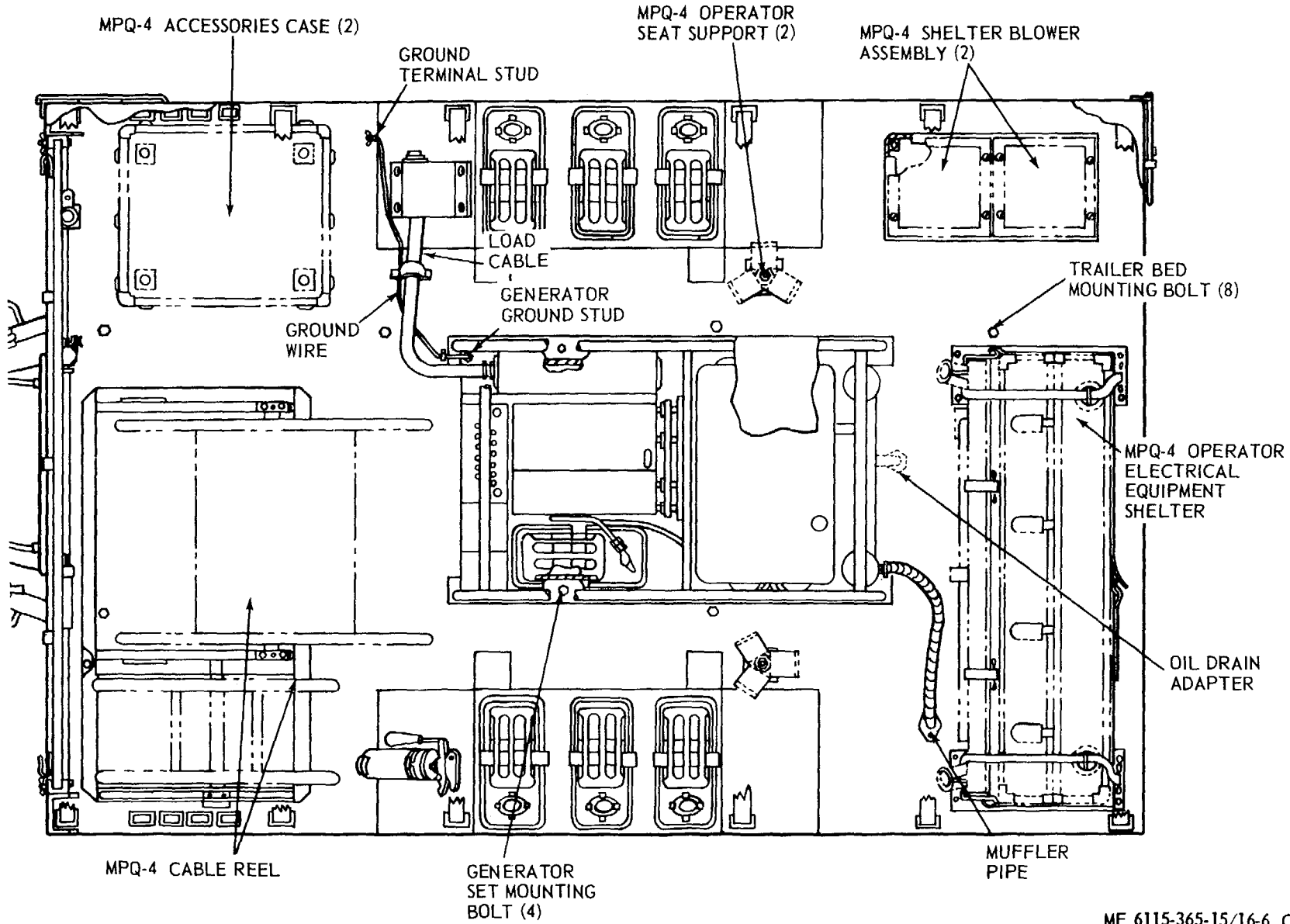
(5) Connect fuel lines.

#### 16-11. Tarpaulin, Roof Bows, and Leg Prop

*a. Removal.* Remove tarpaulin, bows, and leg prop (para 16-8).

*b. Repair.*

(1) Patch or sew rips and tears in the tarpaulin. Replace damaged or missing straps or ropes. Replace a tarpaulin that is too badly damaged to be repaired.



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Figure 16-6. PU-304C/MPQ-4 overall component location diagram

(2) Weld minor cracks or breaks in the bows or leg prop. Straighten bent bows where possible. Replace defective or missing hardware. Replace bows or leg prop that are damaged beyond repair.

*c. Installation.* Install tarpaulin, roof bows, and leg prop (para 16-8).

## **16-12. Trailer Bed**

### *a. Removal.*

(1) Remove tarpaulin, roof bows, and leg prop (para 16-8).

(2) Remove the generator set (para 16-10).

(3) Loosen straps and remove auxiliary fuel cans from trailer.

(4) Remove 8 bolts from the top surface of the trailer bed and 12 bolts from the underside that secure the gussets to the trailer.

(5) Disconnect the electrical leads from the trailer lights.

(6) Remove the trailer bed from the trailer.

### *b. Cleaning, Inspection, and Repair.*

(1) Clean trailer bed with approved cleaning solvent and dry.

(2) Inspect for broken welds, bends, and dents, and any other damage that prevents proper assembly of the unit.

(3) Weld cracks and breaks, and straighten dents and bends where possible.

(4) Replace a trailer bed that is damaged beyond repair.

### *c. Installation.*

(1) Install the trailer bed on the trailer and secure in position with 12 bolts on the underside and 8 bolts on the top.

(2) Connect wiring to trailer lights.

(3) Install the generator set (para 16-10).

(4) Install auxiliary fuel cans on trailer and secure with straps.

(5) Install leg prop, roof bows, and tarpaulin (para 16-11).

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
		PART I REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE GROUP 01 - ENGINE 0106 - ENGINE LUBRICATION SYSTEM								
00001 00002										
O	5320-282-7822	NUT, UNION: oil drain hose	EA	1	*	*	*	*		
00003 O	4730-766-7908	UNION, FLARED TUBE: oil drain	EA	1	*	*	*	*		
00004 O	5310-754-2005	WASHER, LOCK: oil drain hose	EA	1	*	*	*	*		
00005 00006		GROUP 15 - FRAME, TOWING ATTACHMENTS AND DRAWBARS								
		1501 - FRAME ASSEMBLY								
00007 12 O	5340-999-6277	BRACKET ASSEMBLY 13214E1214 (97403)	EA	1						
00008 X2 O		BRACKET, SHELTER 13216E7442 (97403)	EA	1						
00009 X2 O		CLAMP: ground round 13212E3617-1 (97403)	EA	4						
00010 X2 O		CLAMP, PLAIN: support loop MS21103D3 (96906)	EA	2						
00011 X2 O	5340-914-2578	CLIP, SPRING 132141213-1 (97403)	EA	1						
00012 X2 O	7248-920-5328	HOLDER, SPOUT 13214E3553-2 (97403)	EA	1						
00013 12 O		NUT, HEXAGON, SELF-LOCKING: 10 x 32 screw MS21044N3 (96906)	EA	2						
00014 O	5310-225-6993	NUT, SELF-LOCKING, HEXAGON: 1-2 x 13	EA	8	*	*	*	*		
00015 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20	EA	2	*	*	*	*		
00016 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4x 20	EA	4	*	*	*	*		
00017 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20, screw	EA	4	*	*	*	*		
00018 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20, screw	EA	4	*	*	*	*		
00019 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4x 20	EA	4	*	*	*	*		
00020 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20, screw	EA	1	*	*	*	*		
00021 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20	EA	8	*	*	*	*		
00022 X2 O		NUT, SELF-LOCKING, HEXAGON: 3-4 x 10, screw MS51922-57 (96906)	EA	2						
00023 O	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5-16 x 18	EA	2	*	*	*	*		
00024 O	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5-16 x 18	EA	10	*	*	*	*		
00025 X2 O		RACK, BLOWER, HOUSNG 13216E7437 (97403)	EA	1						
00026 X2 O		RACK, CABLE REEL 13216E7439 (97403)	EA	1						
00027 X2 O		SCREW, CAP, HEXAGON HEAD: 1-2 x 13 x 1-1/4 MS90725-.111 (96906)	EA	8						
00028 O	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1-4 x 20 x 5-8	EA	1	*	*	*	*		
00029 O	5305-068-0501	SCREW, CAP, HEXAGON HEAD: 1-4 x 20 x 5-8	EA	2	*	*	*	*		
00030 X2 O		SCREW, CAP, HEXAGON HEAD: 1-4 x 20 x 7-8 MS90725-7 (96906)	EA	4						
00031 X2 O		SCREW, CAP, HEXAGON HEAD: 1-4 x 20 x 7-8 MS90725-7 (96906)	EA	4						
00032										

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC  IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
X2 O 00033 X2 O 00034 O 00035 X2 O 00036 X2 O 00037 X2 O 00038 X2 O 00039 X2 O 00040 O 00041 O 00042 O 00043 O 00044 O 00045 O 00046 O 00047 O 00048 O 00049 X2 O 00050 O 00051 00052 00053 X2 O 00054 O 0055 O 00056 O 00057 00058 00059 P O 00060 P O 00061 O 00062 O 00063 X2 O 00064 O 00065 X2 O 00066	5306-225-8499  									



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00067		SHIM (As required) 13212E3590 (97403)	EA							
P O R 00068		TARPAULIN 13216E7434 (97403)	EA	1	*	*	*	*		
X2 O 00069		BUCKLE: spring action MS51929-2 (96906)	EA	8						
X2 O 00070		CLIP, END, STRAP MILC496 (81349)	EA	13						
O 00071	5310-809-4058	WASHER, FLAT: round, 1-4 x 20 screw	EA	4						
X2 O 00072		WASHER, FLAT: round, 3-8 x 16 screw MS27183-14 (96906)	EA	16						
O 00073	5310-933-8121	WASHER, LOCK: helical, 1-4 x 20 screw	EA	2	*	*	*	*		
X2 O 00074		WASHER, LOCK: helical, 3-8 x 16 screw MS35338-46 (96906)	EA	4						
00075		2202 - ACCESSORY ITEMS								
X2 O 00076		AXLE, CABLE REEL 13216E7447 (97403)	EA	1						
P O 00077	3120-939-6692	HEARING 13214E1294 (97403)	EA	2	*	*	*	*		
X2 O 00078	2590-473-6331	BRACKET ASSEMBLY: liquid container MS353052-1 (96906)	EA	6						
X2 O 00079	7240-222-3088	CAN, GASOLINE: Military 5 gal MILC1283 (81349)	EA	6						
X2 O 00080		CLAMP 13216E7435 (97403)	EA	2						
X2 O 00081		CLAMP 13216E7436 (97403)	EA	1						
P C 00082	5120-203-4656	HAMMER: hand type X class 1 GGGH86 (81348)	EA	1	*	*	*	*		
O 00083	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20 screw	EA	4	*	*	*	*		
O 00084	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20 screw	EA	8	*	*	*	*		
O 00085	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3-8 x 16	EA	24	*	*	*	*		
P O 00086	9905-202-3639	REFLECTOR: amber clearance indicator MS35387-2 (96906)	EA	2	*	*	*	*		
P O 00087	9905-205-2795	REFLECTOR: red clearance indicator MS35387-1 (96906)	EA	4	*	*	*	*		
P C 00088	5975-878-3791	ROD: ground, Type 2, Style 2 MILR11461 (81349)	E	2	*	*	*	*		
X2 O 00089		SCREW, CAP, HEXAGON HEAD: 1-4 x 20 x 1-2 lg MS90725-3 (96906)	EA	4						
X2 O 00090		SCREW, CAP, HEXAGON HEAD: 1-4 x 20 x 1-1/2 MS90725-12 (96906)	EA	4						
O 00091	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1-4 x 20 x 1-1/4	EA	2	*	*	*	*		
X2 O 00092		SCREW, CAP HEXAGON HEAD: 1-4 x 20 x 1-2 lg MS90725-3 (96906)	EA	8						
O 00093	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3-8 x 16 x 1	EA	24	*	*	*	*		
X2 O 00094	7240-177-6154	SPOUT, CAN: flexible MILS1285 (81349)	EA	1						
O 00095	5310-809-4058	WASHER, FLAT: round, 1-4 in. screw	EA	4	*	*	*	*		
O 00096	5310-809-4058	WASHER, FLAT: round, 1-4 x 20 screw	EA	8	*	*	*	*		

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
O 00097	5310-809-4061	WASHER, FLAT: round, 3-8 screw	EA	24	*	*	*	*		
X2 O 00098		WASHER, LOCK: helical, 1-4 IN. MS35338-44 (96906)	EA	2						
X2 O 00099		WASHER, LOCK: helical, 1/4 MS35338-44 (96906)	EA	4						
00100		2210 - DATA PLATES								
12 O 00101		PLATE, IDENTIFICATION 13205E4918 (97403)	EA	1						
X2 O 00102		PLATE, IDENTIFICATION 13205E4916-27 (97403)	EA	1						
00103		GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS								
00104		2941 - ENGINE MUFFLER, EXHAUST AND TAIL PIPES								
O 00105	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1-4 x.20	EA	2	*	*	*	*		
O 00106	5305-225-3839	SCREW, CAP, HEXAGON: 1-4 x 20 x 1	EA	2	*	*	*	*		
O 00107	5310-809-4058	WASHER, FLAT: round, 1-4 x 20, screw	EA	2	*	*	*	*		
00108		GROUP 40 - ELECTRIC MOTORS AND GENERATORS								
00109		4000 - GENERATOR ASSEMBLY								
O 00110	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5-8 x 11	EA	4	*	*	*	*		
X2 O 00111		SCREW, CAP, HEXAGON BEAD: 5-16 x 11 x 1-3/8 MS90725-161 (96906)	EA	4						
O 00112	5310-823-8803	WASHER, FLAT: round, 5-8, screw	EA	4	*	*	*	*		
00113		4019 - RADIO INTERFERENCE SUPPRESSION								
X2 O 00114		NUT, PLAIN, HEXAGON BREAKERS: 3-8 x 16 FFN836 (81348)	EA	2						
X2 O 00115		NUT, PLAIN, WING BREAKERS: 3-8 x 16 MS35425-28 (96906)	EA	1						
X2 O 00116		STUD: 3/8 x 162-1-2 in. lg 13214E1223 (96906)	EA	1						
X2 O 00117		WASHER, FLAT: round, 3/8 in. screw AN961-616 (88044)	EA	3						
O 00118	5310-913-9776	WASHER, LOCK, FLAT: external tooth, 3-8	EA	3	*	*	*	*		
00119		GROUP 42 - ELECTRICAL EQUIPMENT								
00120		4216 - MISCELLANEOUS WIRING AND FITTINGS								
O 00121	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4 x 20 screw	EA	4	*	*	*	*		
O 00122	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1-4 x 20	EA	4	*	*	*	*		
O 00123	5310-809-4058	WASHER, FLAT: round, 1-4 x 20 screw	EA	4	*	*	*	*		
00124		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS								
00125		7638 - PORTABLE FIRE FIGHTING EQUIPMENT								
P C 00126	4210-555-8837	EXTINGUISHER, FIRE: w/bracket MILE52031 (81349)	EA	1	*	*	*	*		
00127		GROUP 95 - GENERAL USE STANDARDIZED PARTS								
00128		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON								
P O 00129		WEBBING, TEXTILE, NYLON: 1 in. wide MILW4088 (81349)	FT		*	*	*	*		

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE		(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
														ILLUS- TRATION	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG. NO.	(b) ITEM NO.
		PART II													
00001		REPAIR PARTS FOR DS, GS, AND DEPOT MAINTENANCE													
		GROUP 01 - ENGINE													
00002	O	0106 - ENGINE LUBRICATION SYSTEM													
00003	O	5320-282-7822NUT, UNION: oil drain hose		EA	1	*	*	*	*	*	*	*	*		
00004	O	4730-766-7908 UNION, FLARED TUBE:oil drain		EA	1	*	*	*	*	*	*	*	*		
00005	O	5310-754-2005 WASHER, LOCK: oil drain hose		EA	1	*	*	*	*	*	*	*	*		
00006		GROUP 15 - FRAME, TOWING ATTACHMENTS AND DRAWBARS													
00007		1501 - FRAME ASSEMBLY													
X2 O	5340-999-6277	BRACKET ASSEMBLY		EA	1										
00008		13214E1214 (97403)													
X2 F		BRACKET: receptacle		EA	1										
00009		13216E7449 (97403)													
X2 O		BRACKET, SHELTER		EA	1										
00010		13216E7442 (97403)													
X2 O		CLAMP: ground round		EA	4										
00011		13212E3617-1 (97403)													
X2 O		CLAMP, PLAIN: support loop		EA	2										
00012		MS21103D3 (96906)													
X2 O	5340-914-2578	CLIP, SPRING		EA	1										
00013		13214E1213-1 (97403)													
X2 O	7240-920-5328	HOLIER, SPOUT		EA	1										
00014		13212E3553-2 (97403)													
X2 O		NUT, HEXAGON, SELF-LOCKING: 10X32 screw		EA	2										
00015		MS21044N3 (96906)													
O	5310-225-6993	NUT, SELF-LOCKINGHEXAGON: 1-2X13		EA	8	*	*	*	*	*	*	*	*		
00016	O	5310-088-1251 NUT, SELF-LOCKING, HEXAGON: 1-4X20		EA	2	*	*	*	*	*	*	*	*		
00017	O	5310-088-1251 NUT, SELF-LOCKING, HEXAGON: 1-4X20		EA	4	*	*	*	*	*	*	*	*		
00018	O	5310-088-1251 NUT, SELF-LOCKING, HEXAGON: 1-4X20,		EA	4	*	*	*	*	*	*	*	*		
00019	O	screw													
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4X20,		EA	4	*	*	*	*	*	*	*	*		
00020	O	screw													
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4X20		EA	4	*	*	*	*	*	*	*	*		
00021	O	5310-088-1251 NUT, SELF-LOCKING, HEXAGON: 1-4X20,		EA	1	*	*	*	*	*	*	*	*		
00022	O	screw													
O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4X20		EA	8	*	*	*	*	*	*	*	*		
00023	X2 O	NUT, SELF-LOCKING, HEXAGON: 3-4X10,		EA	2										
00024		screw													
O	5310-984-3806	MS51922-57 (96906)													
00025	O	NUT, SELF-LOCKING, HEXAGON: 5-16X18		EA	2	*	*	*	*	*	*	*	*		
00026	O	5310-984-3806 NUT, SELF-LOCKING, HEXAGON: 5-16X18		EA	10	*	*	*	*	*	*	*	*		
12 O		RACK, BLOWER, HOUSING		EA	1										
00027		13216E7437 (97403)													
12 O		RACK, CABLE REEL		EA	1										
00028		13216E7439 (97403)													

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
						30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					ILLUS- TRATION	
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
X2 O 00029 O 00030 O 00031 X2 O 00032 X2 O 00033 X2 O 00034 X2 O 00035 O 00036 X2 O 00037 X2 O 00038 X2 O 00039 X2 O 00040 X2 O 00041 O 00042 O 00043 O 00044 O 000A5 O 00046 O 00047 O 00048 O 00049 O 00050 X2 O 00051 O 00052 00053 00054 X2 00055 X2 00056 O 00057 O 00058 X2 DR 00059 O 00060	5305-068-0501   5305-068-0501   														

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00061		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS												
00062		2201 - CANVAS ITEMS												
P O 00063	2540-926-1003	BOW, TRAILER, TARPAULIN: 55.75 in. height 13212E3597-2 (97403)	EA	2	*	*	*	*	*	*	4	4		
P O 00064	2540-924-8478	BOW, TRAILER, TARPAULIN: 68 in. height 13212E3597-1 (97403)	EA	4	*	*	2	*	*	2	8	8		
O 00065	5310-080-8495	NUT, PLAIN, WING: 1-4X20 screw	EA	2	*	*	*	*	*	*	*	*		
O 00066	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3-8X16 screw	EA	12	*	*	*	*	*	*	*	*		
X2 O 00067		SCREW, CAP, HEXAGON HEAD: 1-4X20X2 IN. MS35307-314 (96906)	EA	2										
O 00068	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3-8X16X1 IN.	EA	16	*	*	*	*	*	*	*	*		
X2 O 00069		SHIELD 13216E7433 (97403)	EA	1										
X2 O 00070		SHIM (As required) 13212E3590 (97403)	EA											
P O R 00071		TARPAULIN 13216E7434 (97403)	EA	1	*	2	2	*	2	2	13	13		
X2 O 00072		BUCKLE: spring action MS51929-2 (96906)	EA	8										
X2 O 00073		CLIP, END, STRAP MILC496 (81349)	EA	13										
M D 00074		STRAP, WEBBING 13216E7443 (97403)	EA	2										
P D 00075	5340-922-5653	MANUFACTURE FROM: WEBBING, TEXTILE: nylon 1 in. wide MILW4088 (81349)	FT					SEE	GRP	9501				
M D 00076		STRAP, WEBBING: 43 in. lg 13216E7445-1 (97403)	EA	2										
P D 00077	5340-922-5653	MANUFACTURE FROM: WEBBING, TEXT-LE: nylon 1 in. wide MILW4088 (81349)	FT					SEE	GRP	9501				
M D 00078		STRAP, WEBBING: 43 in. lg 13216E7444-1 (97403)	EA	1										
P D 00079		MANUFACTURE FROM: WEBBING, TEXTILE: nylon 1 in. wide MILW4088 (81349)	FT					SEE	GRP	9501				
M D 00080		STRAP, WEBBING: 55 in. lg 13216E7445-2 (97403)	EA	1										
P D 00081		MANUFACTURE FROM: WEBBING, TEXTILE: nylon 1 in. wide MILW4088 (81349)	FT					SEE	GRP	9501				
M D 00082		STRAP, WEBBING: 77 in. lg 13216E7444-2 (97403)	EA	2										
P D 00083		MANUFACTURE FROM: WEBBING, TEXTILE: nylon 1 in. wide MILW4088 (81349)	FT					SEE	GRP	9501				
O 00084	5310-809-4058	WASHER, FLAT: round, 1-4X20 screw	EA	4	*	*	*	*	*	*	*	*		
X2 O 00085		WASHER, FLAT: round, 3-8X16 screw MS27183-14 (96906)	EA	16										
O 00086	5310-933-8121	WASHER, LOCK: helical, 1-4X20 screw	EA	2	*	*	*	*	*	*	*	*		
X2 O 00087		WASHER, LOCK: helical, 3-8X16 screw MS35338-46 (96906)	EA	4										

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)	
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  USABLE  ON CODE  REF NUMBER & MFR CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTGCT	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
					ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
00088		2202 - ACCESSORY ITEMS												
X2 O 00089		AXLE, CABLE REEL 13216E7447 (97403)	EA	1										
P O 00090	3120-939-6692	HEARING 13214E1294 (97403)	EA	2	*	*	2	*	*	2	10	10		
X2 O 00091	2590-473-6331	BRACKET ASSEMBLY: liquid container 553052-1 (96906)	EA	6										
X2 O 00092	7240-222-3088	CAN, GASOLINE: Military 5 gal. MILC1283 (81349)	EA	6										
X2 O 00093		CLAMP 13216E7435 (97403)	EA	2										
X2 O 00094		CLAMP 13216E7436 (97403)	EA	1										
P C 00095	5120-203-4656	HAMMER: hand type X class 1 GGGH86 (81348)	EA	1	*	*	2	*	*	2	10	10		
O 00096	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4X20 screw	EA	4	*	*	*	*	*	*	*	*		
O 00097	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4X20 screw	EA	8	*	*	*	*	*	*	*	*		
O 00098	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3-8X16	EA	24	*	*	*	*	*	*	*	*		
P O 00099	9905-202-3639	REFLECTOR:amber clearance indicator MS35387-2 (96906)	EA	2	*	*	*	*	*	*	6	6		
P O 00100	9905-205-2795	REFLECTOR: red clearance indicator MS35387-1 (96906)	EA	4	*	2	2	*	2	2	12	12		
P C 00101	5975-878-3791	ROD: ground, Type 2, Style 2 MILR11461 (81349)	EA	2	*	*	2	*	*	2	10	10		
12 O 00102		SCREW, CAP, HEXAGON HEAD: 1-4X20X1-2 lg MS90725-3 (96906)	EA	4										
X2 O 00103		SCREW, CAP, HEXAGON HEAD: 1-4X20X1-1/2 MS90725-12 (96906)	EA	4										
O 00104	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1-4X20X1-1/4	EA	2	*	*	*	*	*	*	*	*		
X2 O 00105		SCREW, CAP, HEXAGON HEAD: 1-4X20X1-2 lg MS90725-3 (96906)	EA	8										
O 00106	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3-8X16X1	EA	24	*	*	*	*	*	*	*	*		
X2 O 00107	7240-177-6154	SPOUT, CAN: flexible MILS1285 (81349)	EA	1										
O 00108	5310-809-4058	WASHER, FLAT: round, 1-4 in. screw	EA	4	*	*	*	*	*	*	*	*		
O 00109	5310-809-4058	WASHER, FLAT: round, 1-4X20 screw	EA	8	*	*	*	*	*	*	*	*		
O 00110	5310-809-4061	WASHER, FLAT: round, 3-8 screw	EA	24	*	*	*	*	*	*	*	*		
X2 O 00111		WASHER, LOCK: helical, 1-4 IN. MS35338-44 (96906)	EA	2										
X2 O 00112		WASHER, LOCK: helical, 1/4 MS35338-44 (96906)	EA	4										
00113		2210 - DATA PLATES												
X2 O 00114		PLATE, IDENTIFICATION 13205E4918 (96906)	EA	1										
X2 O 00115		PLATE, IDENTIFICATION 13205E4916-27 (97403)	EA	1										

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
					30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
00116		GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS												
00117		2941 - ENGINE MUFFLER, EXHAUST AND TAIL PIPES												
P P 00118	5340-917-6400	CLAMP ASSEMBLY:1X7-8 max, od 13212E3592-4 (97403)	EA	1	*	2	2	*	2	2	12	6		
O 00119	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4X20	EA	2	*	*	*	*	*	*	*	*		
O 00120	5305-225-3839	SCREW, CAP, HEXAGON: 1-4X20X1	EA	2	*	*	*	*	*	*	*	*		
P F 00121	6115-934-7878	TUBE EXHAUST 13214E1389 (97403i	EA	1	*	2	2	*	2	2	12	6		
O 00122	5310-809-4058	WASHER, FLAT: round, 1-4X20, screw	EA	2	*	*	*	*	*	*	*	*		
00123		GROUP 40 - ELECTRIC MOTORS AND GENERATORS												
00124		4000 - GENERATOR ASSEMBLY												
X2 FR 00125	6115-937-1793	GENERATOR SET: HF10MD400Z	EA	1										
O 00126	5310-269-4040	NUT, SELF-LOCKING, HEXAGON: 5-8X11	EA	4	*	*	*	*	*	*	*	*		
X2 O 00127		SCREW, CAP, HEXAGON HEAD: 5-16X11X1-3/8 MS90725-161 (96906)	EA	4										
O 00128	5310-823-8803	WASHER, FLAT: round, 5-8, screw	EA	4	*	*	*	*	*	*	*	*		
00129		4019 - RADIO INTERFERENCE SUPPRESSION												
H F 00130		LEAD, ELECTRICAL: ground QQW343TYPECCCLASSB (81348)	EA	1										
P F 00131	6145-395-8799	MANUFACTURE FROM: WIRE , ELECTRICAL: No. 6 AWG, Type RB, Class I (As required) QQW343TYPECCCLASSB (81348)	FT					SE	GRP	9501				
X2 O 00132		NUT, PLAIN, HEXAGON BREAKERS: 3-8X16 FNN836 (81348)	EA	2										
X2 O 00133		NUT, PLAIN, WING BREAKERS: 3-8X16 MS35425-28 (96906)	EA	1										
42 O 00134		STUD: 3/8X162-1-2 in. lg 13214E223 (96906)	EA	1										
X2 F 00135		TERMINAL, LUG: No. 6 AWG, Type 1CL1 MS20659-110 (96906)	EA	1										
X2 O 00136		WASHER, FLAT: round, 3/8 in screw AN961-616 (88044)	EA	3										
O 00137	5310-913-9776	WASHER: LOCK, FLAT:external tooth, 3-8	EA	3	*	*	*	*	*	*	*	*		
00138		GROUP 42 - ELECTRICAL EQUIPMENT												
00139		4216 - MISCELLANEOUS WIRING AND FITTINGS												
X2 F 00140		CABLE ASSEMBLY 13216E7448 (97403)	EA	1										
O 00141	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1-4X20, screw	EA	4	*	*	*	*	*	*	*	*		
O 00142	5305-225-3839	SCREW, CAP, HEXAGON: 1-4X20	EA	4	*	*	*	*	*	*	*	*		
O 00143	5310-809-4058	WASHER, FLAT: round, 1-4X20, screw	EA	4	*	*	*	*	*	*	*	*		

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)					
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  REF NUMBER & MFR CODE	USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION				
						ALLOWANCE			ALLOWANCE					(a)	(b)	(c)	(a)	(b)
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100							
00144	4210-555-8837	GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS																
00145		7638 - PORTABLE FIRE FIGHTING EQUIPMENT																
P C 00146		EXTINGUISHER, FIRE:w/bracket MILE52031 (81349)	EA	1	*	*	2	*	*	2	10	10						
00147		GROUP 95 - GENERAL USE STANDARDIZED PARTS																
00148		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON																
P O 00149		WEBBING, TEXTILE, NYLON: 1 in. wide MILW4088 (81349)	FT	*	*	*	*	*	*	*	60	60						
P F 00150		WIRE: No. 6 AWG, Type RB, Class 1 QQW343TYPECCCLASSB (81348)	EA	*	*	*	*	*	*	*								



## CHAPTER 17

### GENERATOR SET PU-375B/G

#### Section I. DESCRIPTION AND DATA

##### 17-1. Description

*a. General.* The PU-375B/G is a self-contained, mobile, general purpose power supply (Fig. 17-1). The set is comprised of a 10 kW, Model HF-10-MD Military Standard generator set mounted on a 3/4-ton M101A1 trailer and includes the components listed in table 17-1. The generator is powered by a directly coupled 4-cylinder 20-hp Military Standard Model 4A084-III engine.

*b. Generator.* For description and generator operation and maintenance information not covered in this chapter, refer to TM 5-6115-450-15.

*c. Engine.* For description and engine maintenance and operation information not covered in this chapter, refer to TM 5-2805-259-14.

*d. Trailer.* For description and trailer maintenance information not covered in this chapter, refer to TM 9-2330-202-14.

*e. Lubrication.* Refer to LO 9-2330-202-12 and LO 5-2805-259-14 for lubrication information required for PU-375B/G.

##### 17-2. Tabulated Data

Table 17-1 lists the components for PU-375B/G.

*Table 17-1. PU-375B/G Components*

FSN	Qty	Nomenclature
2330-898-6779	1	Trailer: M101A1, 3/4-ton
6115-937-1793	1	Generator Set, 10 kW, HF- 10-MD
2590-420-8929	1	Leg Prop assembly, trailer
4210-555-8837	1	Fire extinguisher
5975-878-3791	2	Ground rod w/attachments
5120-265-7462	1	Sledge hammer

##### 17-2.1. General

*a. Maintenance Forms and Records.* Every mission begins and ends with the paperwork. There isn't much of it, but you have to keep it up. The forms and records you fill out have several uses; they are a permanent record of the services, repairs, and modifications made on your equipment; they are reports to Organizational Maintenance and to your Commander; and they are a checklist for you when you want to know what is wrong with the equipment after its last use, and whether those faults have been fixed. For information you need on forms and records, see: DA Pamphlet 738-750.

*b. Preventive Maintenance Checks and Services.* (See Table 17-2)

(1) Do your before (B) PREVENTIVE MAINTENANCE just before you operate your equipment. Pay attention to the CAUTIONS and WARNINGS.

(2) Do your during (D) PREVENTIVE MAINTENANCE while the equipment and/or its component systems are in operation.

(3) Do your after (A) PREVENTIVE MAINTENANCE right after operating the equipment. Pay attention to the CAUTIONS and WARNINGS.

(4) Do your weekly (W) PREVENTIVE MAINTENANCE weekly.

(5) Do your monthly (M) PREVENTIVE MAINTENANCE once a month.

(6) If something doesn't work, troubleshoot it with the instructions in the appropriate TM and notify your supervisor.

(7) Always do your PREVENTIVE MAINTENANCE in the same order until it gets to be a habit. Once you've had some practice, you'll spot anything wrong in a hurry.

(8) If anything looks wrong and you can't fix it, write it on your DA Form 2404. If you find something seriously wrong, report it to Organizational Maintenance RIGHT NOW.

(9) When you do your PREVENTIVE MAINTENANCE, take along the tools you need to make all the checks. You always need a rag or two, also.

### 17-2.2. General Maintenance Procedures

a. *Cleanliness.* Dirt, grease, oil, and debris only get in the way and may cover up a serious problem. Clean as you work and as needed. Use dry cleaning solvent Type II, Fed. Spec PD-680, on all metal surfaces.

#### **WARNING**

**Dry cleaning solvent, Type II, Fed. Spec PD-680, is potentially dangerous to personnel and property. Do not use near open flame or excessive heat. Flash point of solvent is 139°F (59.4°C).**

b. *Bolts, Nuts, and Screws.* Check them all for obvious looseness, missing, bent, or broken condition. You can't try them all with a tool, of course, but look for chipped paint, bare metal, or rust around bolt heads. If you find one you think is loose, tighten it, or report it to Organizational Maintenance.

c. *Welds.* Look for loose or chipped paint, rust, or gaps where parts are welded together. If you find a bad weld, report it to Organizational Maintenance.

d. *Electric Wires and Connectors.* Look for cracked or broken insulation, bare wires, and loose or broken connectors. Check for loose connectors and make sure the wires are in good shape. Report loose connectors and bad wires to organizational maintenance.

e. *Hydraulic Lines and Fittings.* Look for wear, damage, leaks, and make sure clamps and fittings are tight. Wet spots show leaks, of course, but a stain around a fitting or connector can mean a leak. If a leak comes from a loose fitting or connector, report it to Organizational Maintenance. If something is broken or worn out, report it to Organizational Maintenance.

### 17-2.3. Fluid Leakage.

It is necessary for you to know how fluid leakage affects the status of the fuel, lubricating, coolant and hydraulic systems. The following are definitions of the types/classes of leakage you need to know to be able to determine the status of your equipment. Learn, then be familiar with them and REMEMBER-WHEN in DOUBT, NOTIFY YOUR SUPERVISOR.

#### **CAUTION**

**Equipment operation is allowable with minor leakages (Class I or II) except fuel. Of course, consideration must be given to the fluid capacity in the item/system being checked/inspected. When in doubt, notify your supervisor.**

**When operating with Class I or II leaks, check fluid levels more often than required in your PMCS.**

**Class III leaks should be reported to your supervisor or to Organizational Maintenance.**

a. *Class I.* Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.

b. *Class II.* Leakage of fluid great enough to form drops but not enough to cause drops to drip from item being checked/inspected.

c. *Class III.* Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

*Table 17-2. Operator/Crew Preventive Maintenance Checks and Services*

## NOTE

**These checks are to be made in the order listed, within designated interval.**

B - Before operation

A - After operation

M - Monthly

D - During operation

W - Weekly

Item No.	Interval						Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M			
1	•		•				<u>GENERATOR SET</u>  a. Check for proper ground connection.  b. Remove canvas cover from generator set, if provided.	Generator set is not properly grounded.
2			•				<u>CONTROLS AND INSTRUMENTS</u>  a. CURRENT INDICATOR METER Indicates percent of applied load, not to exceed 100%. Rotate ammeter phase selector switch to monitor load applied to each phase.  b. BATTERY CHARGING AMMETER Indicates on + side of scale during normal operation.  c. OIL PRESSURE GAGE Normal reading is 20 to 60 PSI (1.406 to 4.218 Kg/sq cm).  d. AC VOLTMETER Indicates output voltage. Adjust for desired voltage. Change voltage selector switch to monitor the voltage for each phase combination.  e. FREQUENCY METER Indicates generator frequency. Normal Readings: MEP-0 18A, 60 HZ (red line) MEP-023A, 400 HZ (red line)  f. INSIDE INSTRUMENT PANEL Check for loose wiring, corroded wiring and loose electrical components.  g. FIRE EXTINGUISHER Check for damaged or broken seal or contents indicator.	No indication when load is applied.  Ammeter indicates a discharge.  Oil pressure below 20 psi.  Desired voltage cannot be obtained and maintained.  Meter does not indicate the proper frequency.  Faulty wiring or improper mounting of electrical components.  Extinguisher seal broken or contents indicator shows less than fully charged.

Table 17-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**

B - Before operation

A - After operation

M - Monthly

D - During operation

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
3	•					<u>BATTERIES</u>  Insure connections are tight, not corroded and wires are not frayed or damaged. Check for leaks.	Battery missing or will not crank engine.
4						<u>FUEL CAN</u>  <b>WARNING</b> Do not fill fuel can while smoking or in vicinity of an open flame, provide a metal-to-metal contact between the container and the fuel can to prevent a spark from being generated as fuel flows over metallic surfaces. Failure to observe this may result in death to personnel.  Do not fill the fuel can while the engine is running. Gasoline spilled on a hot engine may ignite.  Add fuel as required to maintain operation. Do not overfill. Fill can after operation to minimize condensation in fuel can, and ready unit for next day's operation.  Ensure generator set has cooled off before installing canvas cover.	
5	•	•	•			<u>ENGINE</u> Inspect the engine for loose or missing wiring, parts and for any oil or fuel leaks.	Class III oil leak or ANY fuel leak.
6	•		•			<u>OIL LEVEL</u> Check oil level. Add oil as required.	Below add or above full mark.
7	•		•	•		<u>FUEL FILTER</u> Inspect fuel filter for dirt, water or sediment. *Clean	

Table 17-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**

B - Before operation

A - After operation

M - Monthly

D - During operation

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
8	•		•			<u>AIR CLEANER</u> Inspect for obstructions and clean if necessary.  <b>NOTE</b>  <b>When restriction indicator shows fully red, remove element from body and clean element with low pressure compressed air. If element is torn, dented, or damaged, replace element.</b>	Restriction indicator shows fully red or element is torn, dented, or damaged.
9						<u>WHEELS AND TIRES</u>  <b>WARNING</b>  <b>Improperly seated lockring could blow off. Never attempt to seat a lockring when tire is inflated. Serious injury or loss of life could result.</b>	
	•		•			a. Check for proper mounting of wheel assembly lockring.	Lockring is improperly mounted.
			•			b. Remove any glass, nails, or other debris imbedded in tread.	
	•					c. Check tires for obvious damage such as cuts, bruises, bulges, and flats.	One tire is flat, missing or unserviceable.
	•					d. Check tire pressure according to table below.	Tire will not hold air pressure.
						Tire size                      11:00-20                      9:00-20 Highway                      45 psi                      50 psi Cross country                      25 psi                      35 psi Sand                      20 psi                      25 psi	

Table 17-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**

B - Before operation

A - After operation

M - Monthly

D - During operation

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
10	•					<u>FRAME SUSPENSION</u>  Check for cracks or broken welds.	Cracked or has a broken weld.
11	•					<u>LIGHTS AND REFLECTORS</u>  Check for obvious damage or looseness of lights, lenses, and reflectors. Check for proper operation.	Lights or reflectors are damaged or missing.
12	•					<u>BODY, CARGO, M105 SERIES</u>  a. Check that stake racks and roof bows are properly installed and not broken or damaged.  • • b. Check to see that paulin is not torn or damaged and is properly tied down.	
13	•					<u>LANDING LEG</u>  Check for proper mounting, alinement, and general condition.	Landing leg is seized, damaged or missing.

Table 17-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**

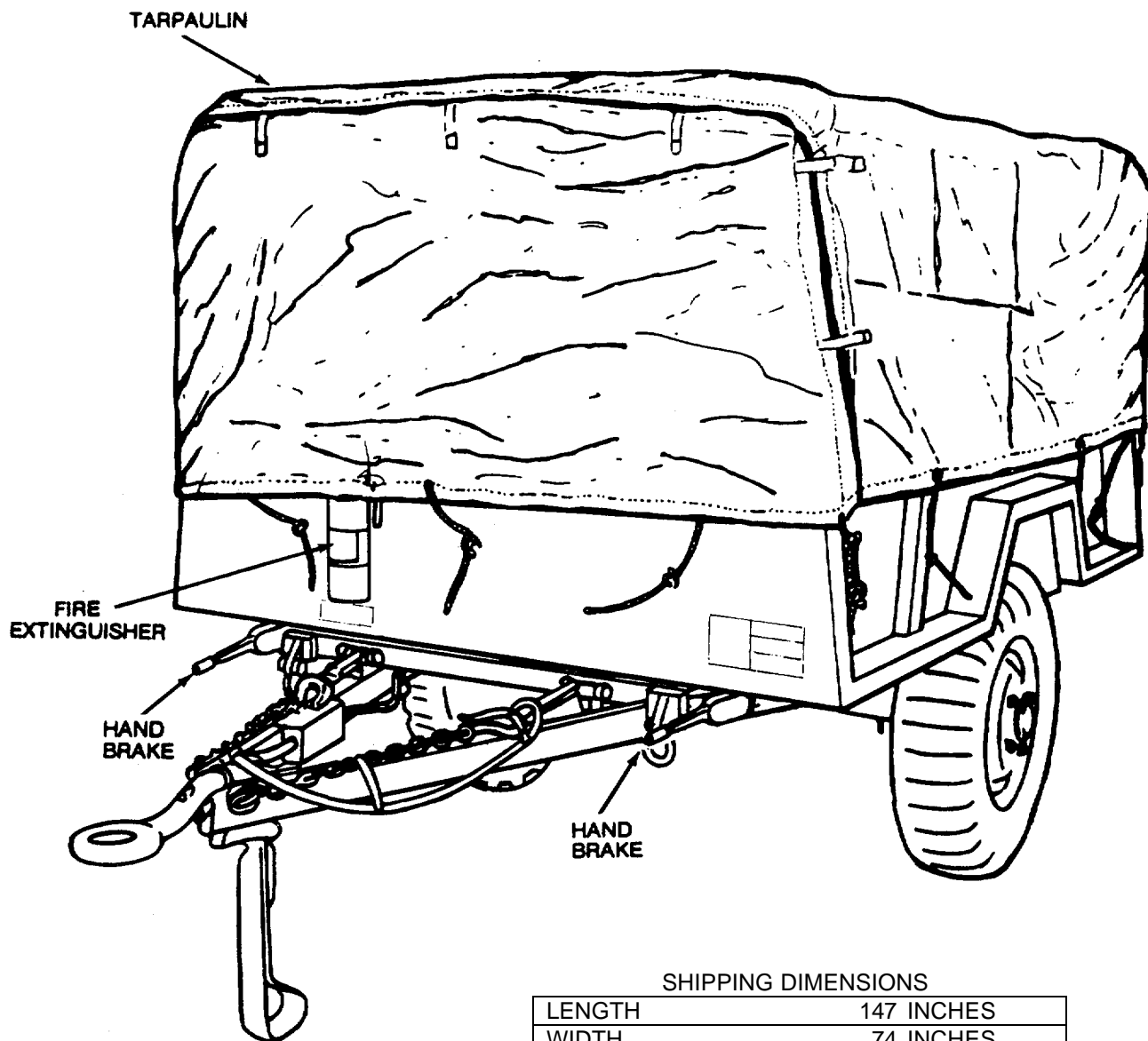
B - Before operation  
D - During operation

A - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
14		•				<u>INTERVEHICULAR CABLE</u>  Check for general condition of cable and plug.	Intervehicular cable is broken or missing.
15		•				<u>BRAKE SYSTEM</u>  a. Check for leakage of brake fluid from master cylinder, hydraulic brake lines, fittings, and brake fluid reservoir.  b. Check air lines, hoses, fittings, filters, and brake air chamber for leaks and general conditions.  c. Check for proper operation of handbrake.  d. Check for proper operation of service brakes.  <b>WARNING</b>  <b>Feel brake drums and hubs cautiously. Brake drums and hubs may be very hot. Failure to do so may cause injury to personnel.</b>  e. Feel for overheated brake drum or hub.	Brake system has any leak.  Any leaks are detected.  Handbrakes cannot be adjusted.  Brakes do not operate properly.  Brake drum or hub is excessively hot.

**CAUTION**  
 REMOVE TARPAULIN, BOWS AND RACKS BEFORE OPERATION. BE SURE  
 TAILGATE IS DOWN AND REMOVE ANYTHING IN THE TRAILER THAT MIGHT  
 OBSTRUCT THE FREE CIRCULATION OF AIR.



## SHIPPING DIMENSIONS

LENGTH	147 INCHES
WIDTH	74 INCHES
HEIGHT	80 INCHES
WEIGHT	2850 POUNDS

Figure 17-1. PU-375B/G, left front, 3/4 view.



## Section II. OPERATING INSTRUCTIONS

### 17-3. Setting-up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator set to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate the handbrake at weekly intervals to assure freedom of linkage.

(3) Pull leg support down and adjust length for firm contact with ground.

#### **WARNING**

**Wheels must be blocked, brakes set, and leg support down in support position before attempting to roll up tarpaulin and before starting to assemble or set-up the equipment for operation.**

#### b. Preparation for Starting.

(1) Roll up tarpaulin and remove bows and racks. (Fig. 17-2)

(2) Open trailer tailgate and remove all loose auxiliary items and anything else that might block the free circulation of air through the trailer and around the generator set.

#### **CAUTION**

**It is of foremost importance that there be free circulation of air around the generator set at all times during operation. Inadequate ventilation is a major cause of damage to equipment.**

#### c. Grounding.

#### **WARNING**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq. ft.) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground terminal stud and connect the generator to the ground terminal stud as shown in figure 17-3.

#### **WARNING**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

### 17-4. Starting

a. Perform setting-up and pre-starting procedures (para 17-3).

b. Start the generator as instructed in TM 5-6115-450-15.

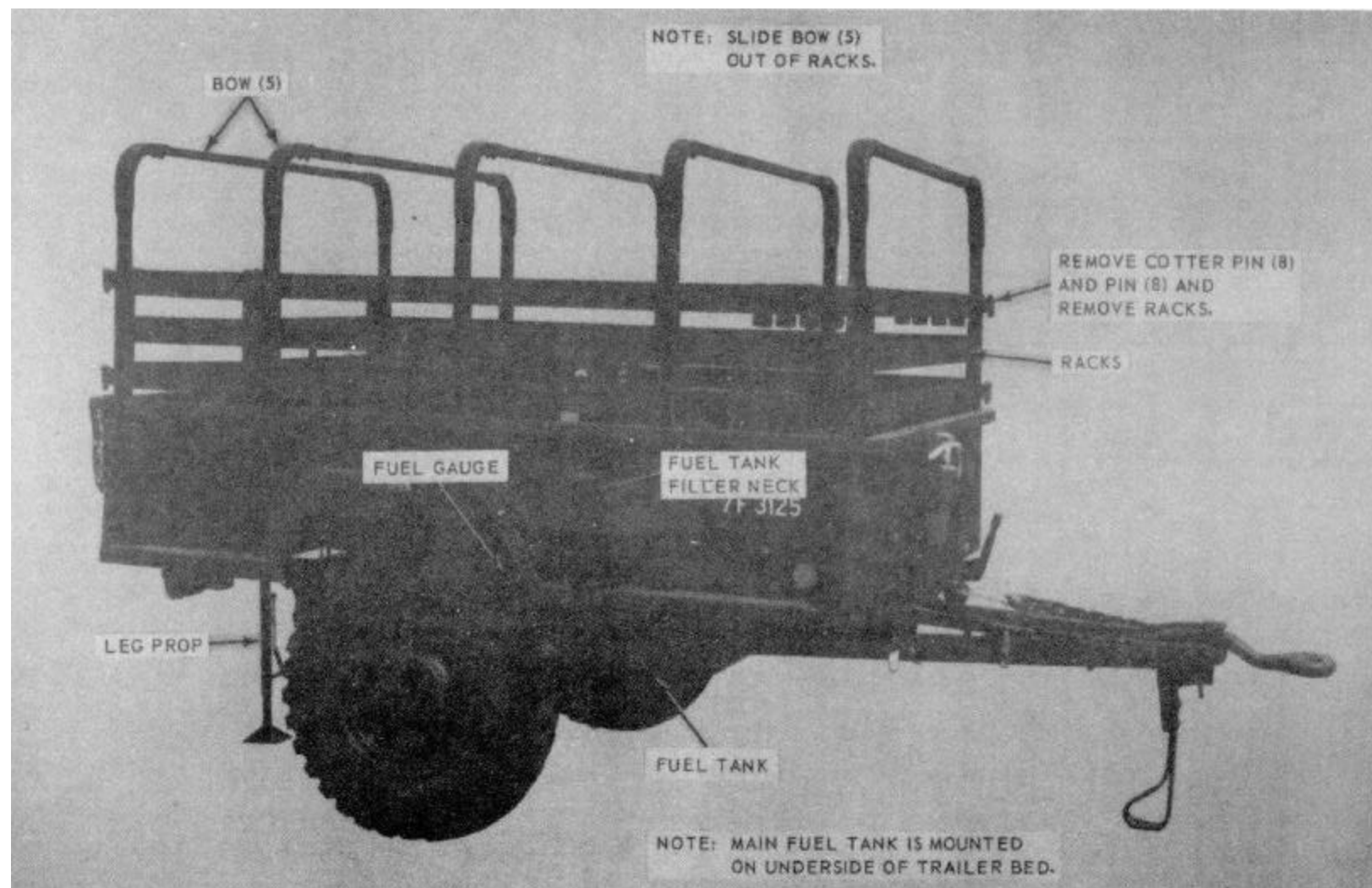
### 17-5. Stopping

Stop the generator set as instructed in TM 5-6115-450-15.

### 17-6. Operation

a. Operate the generator set as instructed in TM 5-6115-450-15.

b. Perform the fuel transfer procedure as instructed in figure 17-4.



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Figure 17-2. Bows and racks, removal and installations.

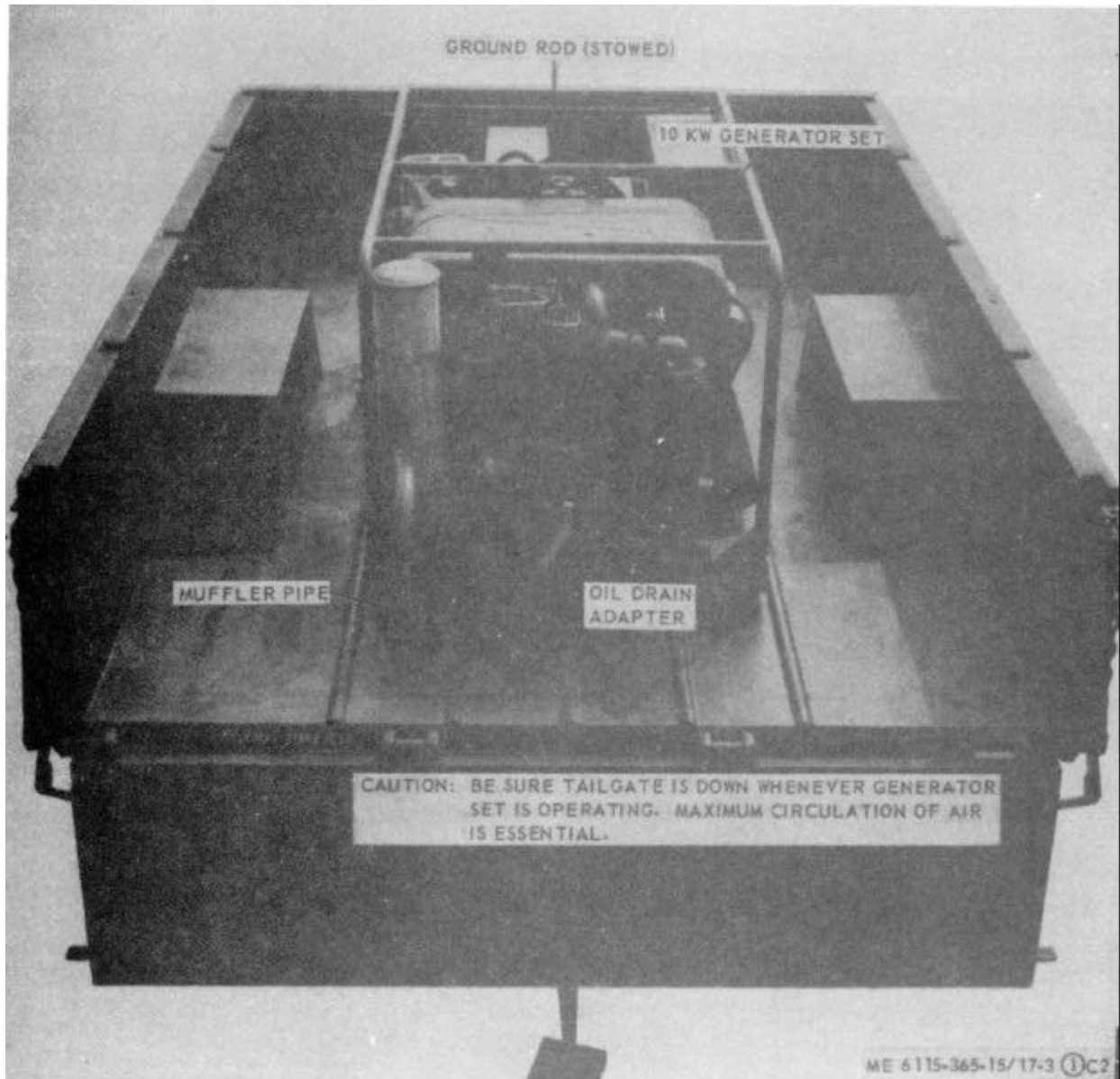


Figure 17-3. PU-375B/G set up for operation (sheet 1 of 2).

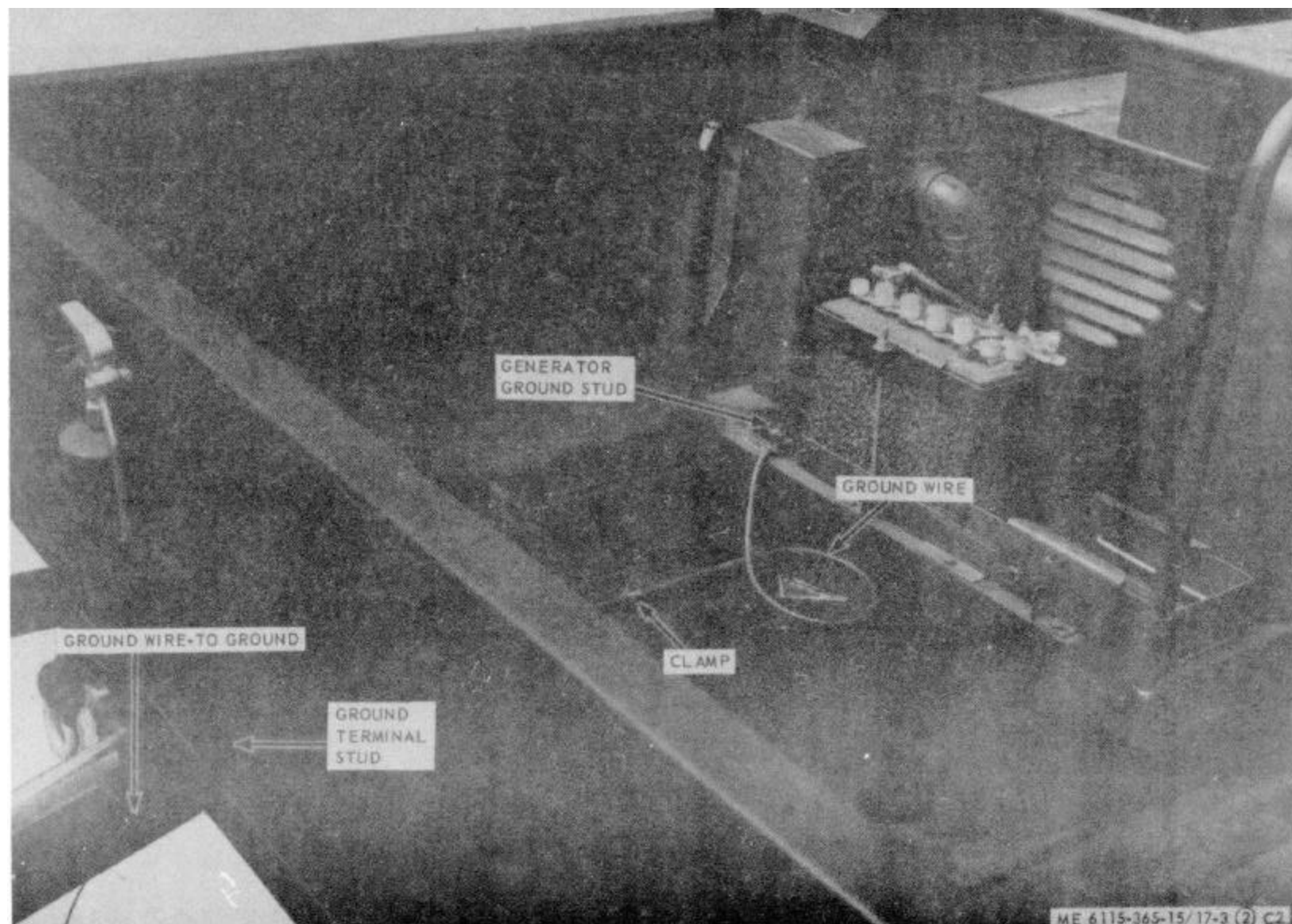
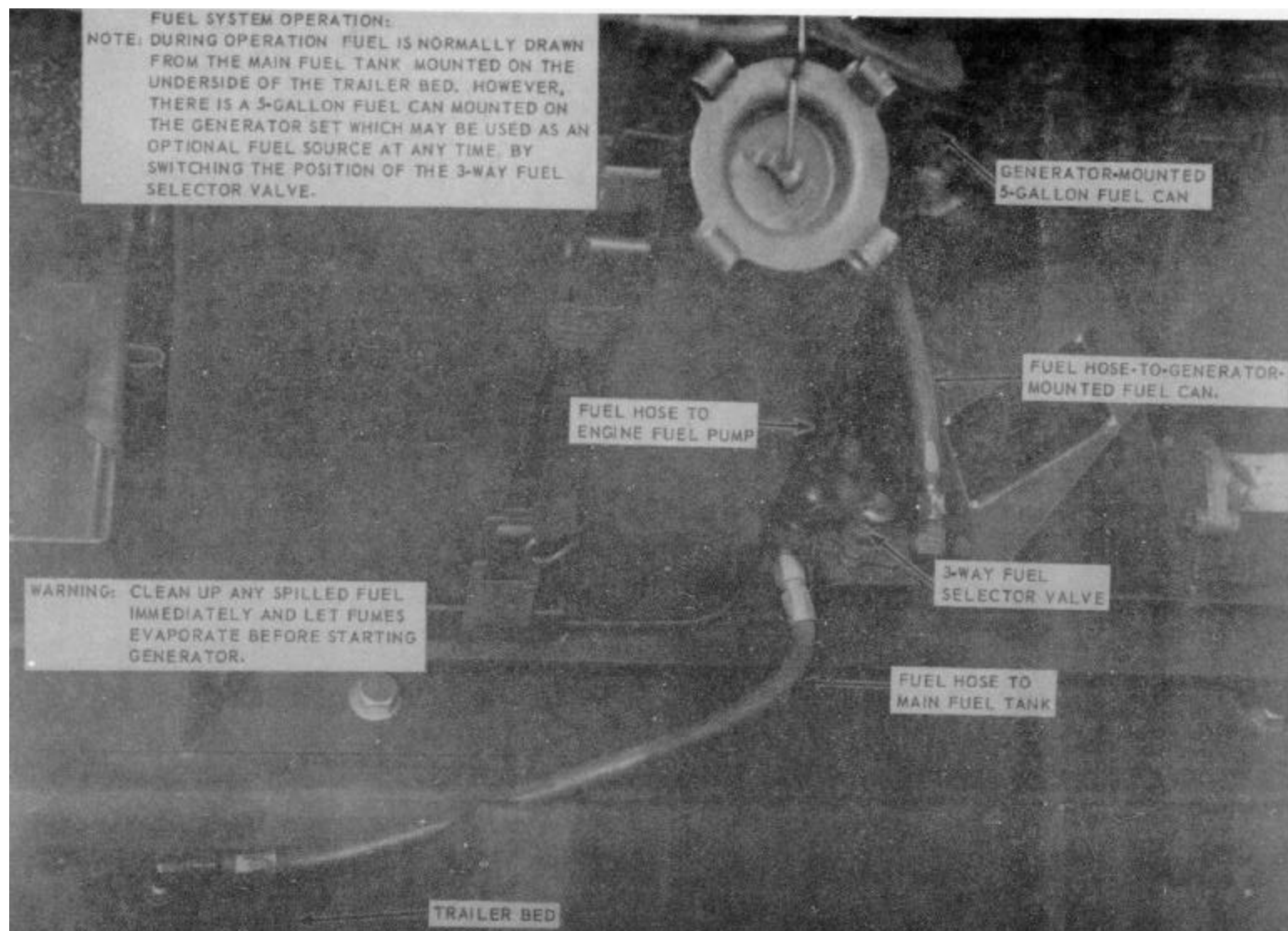


Figure 17-3. PU-375B/G set up for operation (sheet 2 of 2).



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Figure 17-4. Fuel system connection and transfer procedure.

### Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS

#### 17-7. General

The PU-375B/G is equipped with an under-slung fuel tank mounted under the trailer. The fuel filler neck contains the fuel strainer which must be serviced by the operator.

#### 17-8. Fuel Tank Cap and Strainer Assembly

*a. Removal.* Remove fuel tank cap and pull out the strainer assembly with the chain.

*b. Cleaning and Inspection.*

(1) Clean metal parts with approved cleaning solvent and dry thoroughly.

(2) Inspect cap and strainer for damage and defects. Inspect strainer screen for holes and gasket for deterioration.

(3) Replace a defective fuel tank cap, gasket, or strainer.

*c. Installation.* Place strainer assembly in filler neck and install cap.

### Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

#### 17-9. Ground Wires and Terminal Stud

*a. Removal.* Refer to figure 17-3 and disconnect ground wires, remove clamp and ground terminal stud.

*b. Installation.* Refer to figure 17-3 and install ground terminal stud, connect ground wires, and install clamp.

#### 17-10. Tarpaulin, Roof Bows, Racks, and Leg Prop

*a. Removal.*

(1) Remove tarpaulin from unit.

(2) Remove the roof bows and racks as shown in figure 17-2.

(3) Remove the hardware that secures the leg prop to the rear underside of the trailer bed and remove leg prop.

*b. Cleaning and Inspection.*

(1) Clean tarpaulin, bows, and racks with water and detergent. Clean leg prop with approved cleaning solvent. Dry thoroughly.

(2) Inspect tarpaulin for tears, holes, broken or missing ropes and straps, and other defects. Inspect bows, racks, and leg prop for cracks, bends, missing pins, and other defects.

*c. Installation.*

(1) Mount the leg prop to the underside of the trailer bed and secure with mounting hardware.

(2) Install the racks and roof bows as shown in figure 17-2.

(3) Install tarpaulin and secure in desired position.

#### 17-11. Fuel Tank and Gage Assembly

*a. General.* The fuel tank on PU-375B/G is mounted on the underside of the trailer bed, held in place by 2 metal straps that are secured to cross braces welded to the trailer. The fuel gage is mounted on top of the tank.

*b. Removal.*

(1) Drain fuel tank.

(2) Disconnect either end of the ground wire that connects to the fuel gage.

(3) Remove the 2 hose clamps and remove the hose that connects the filler neck to the tank.

(4) Disconnect the breather line from the fuel tank.

(5) Remove the 2 nuts, 2 spacers, and washers that secure the 2 retaining straps to the rear tank brace. When straps are loose at rear, the tank will drop down.

(6) Disconnect fuel line from top of tank and remove tank.

(7) Remove 2 nuts, spacers, and washers that secure retaining straps to the front brace and remove the straps.

(8) Remove the 6 screws and washers that secure the fuel gage to the tank and lift out gage.

*c. Cleaning and Inspection.*

(1) Clean all parts with approved cleaning solvent and flush out any dirt and foreign particles from inside the tank.

(2) Inspect tank for dents, rust, cracks, and other damage. Inspect straps for defects

and damaged or missing hardware. Inspect fuel gage for damage and proper operation.

(3) Replace defective or missing parts as necessary.

*d. Installation.*

(1) Install the fuel gage in the tank and secure with 6 screws and washers.

(2) Secure the 2 retaining straps to the front brace with the 2 nuts, spacers, and washers.

(3) Place the tank under the trailer and

connect the engine fuel line. Use a jack or other means to lift the tank and hold it in position while the retaining straps are being installed.

(4) Secure the 2 straps to the rear brace with 2 nuts, spacers, and washers.

(5) Connect the breather line to the fuel tank.

(6) Install the hose between the tank and filler neck and secure with the 2 clamps.

(7) Connect the fuel gage ground wire.

(8) Fill fuel tank.

## Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

### 17-12. Generator Set

*a. Removal.* Refer to figure 17-5 as a guide and perform the following steps:

(1) Disconnect fuel lines.

(2) Disconnect electrical leads and load cable.

(3) Disconnect oil drain adapter.

(4) Remove 2 bolts and nuts that secure muffler pipe to trailer.

(5) Remove the 4 bolts that secure the generator set to the trailer and remove the generator set.

*b. Installation.* Use figure 17-5 as a guide and perform the following steps:

(1) Secure the generator set to the trailer bed with 4 bolts.

(2) Secure the muffler pipe to trailer bed with 2 bolts and 2 nuts.

(3) Connect the oil drain adapter.

(4) Connect the electrical leads and cable.

(5) Connect fuel lines.

### 17-13. Tarpaulin, Roof Bows, Racks, and Leg Prop

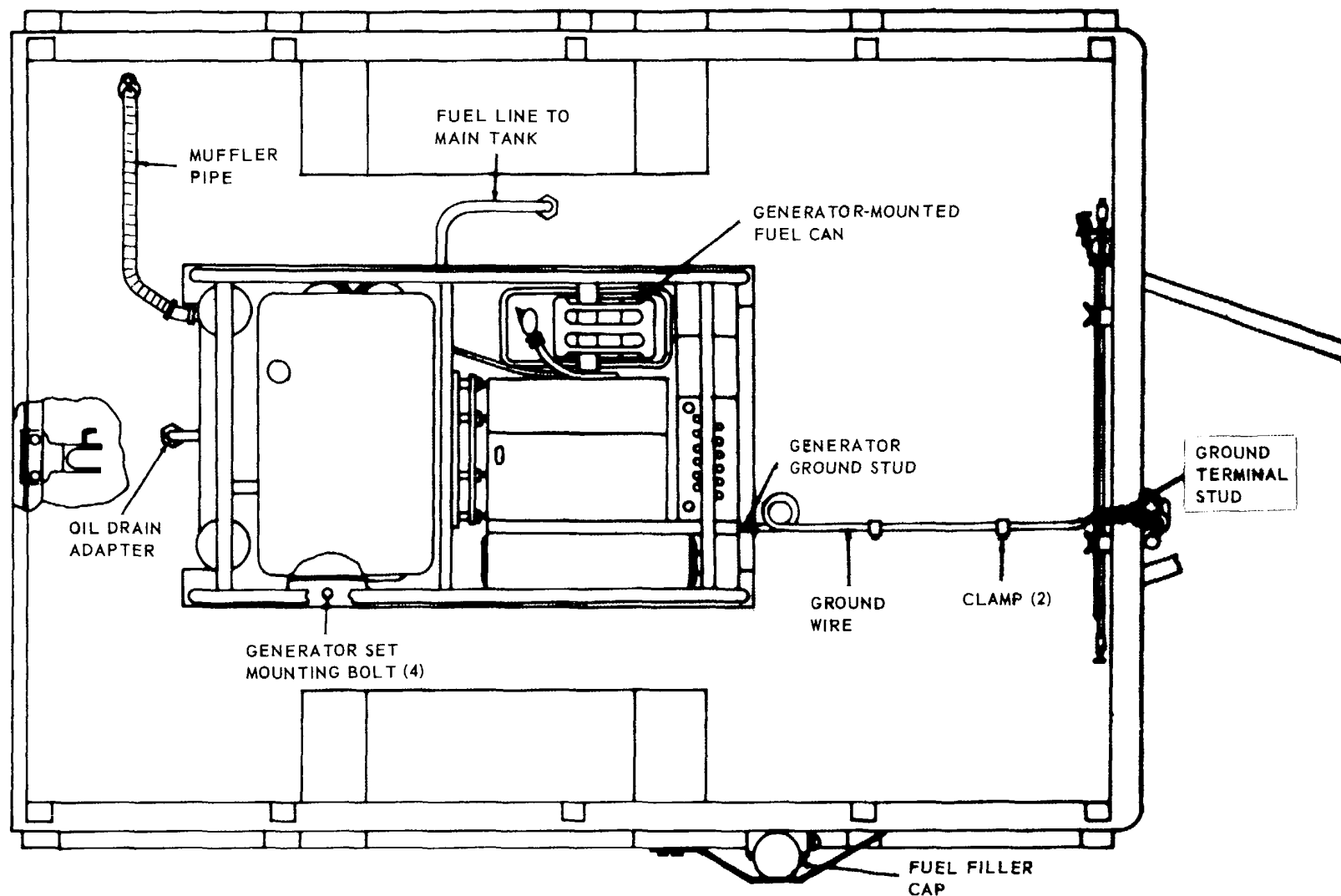
*a. Removal.* Remove tarpaulin, bows, racks, and leg prop (para 17-10).

*b. Repair.*

(1) Patch or sew rips and tears in the tarpaulin. Replace damaged or missing straps or ropes. Replace a tarpaulin that is too badly damaged to be repaired.

(2) Weld minor cracks or breaks in the bows or leg prop. Straighten bent bows where possible. Replace defective or missing pins and hardware. Replace bows, racks, or leg prop that are damaged beyond repair.

*c. Installation.* Install racks, roof bows, leg prop, and tarpaulin (para 17-10).



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Figure 17-5. PU-3758/G overall component location diagram.



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
		PART I								
		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
		GROUP 03 - FUEL SYSTEM								
		0306 - TANKS, LINES, FITTINGS								
00001										
00002										
X2 O		BRACKET, FUEL TANK ASSEMBLY	EA	1					17-7	39
00003		13205E5080 (97403)								
P O	2910-911-0081	CAP, FUEL TANK: tactical vehicle fording	EA	1	*	*	*	*	17-7	3
00004		MS35645-2 (96906)								
X2 O		CLAMP, HOSE: 1-13/16-2-3/4, range	EA	2					17-8	7
00005		MS35842-13 (96906)								
X2 O		CLAMP, HOSE: 7/16-25/32, range	EA	2					17-7	27
00006		MS35842-10 (96906)								
X2 O		CLAMP, LOOP, CUSHIONED: 3/4, nom, od	EA	1					17-7	31
00007		MS21104D12 (96906)								
X2 O		CLAMP LOOP, CUSHIONED: 518 nom, od	EA	1					17-8	2
00008		MS21104D10 (96906)								
X2 O		COCK, DRAIN/HOSE BIB: 1/4-18	EA	1					17-9	13
00009		MS35783-2 (96906)								
X2 O		COVER, FUEL TANK	EA	1					17-9	9
00010		13216E7456 (97403)								
X2 O		ELBOW: 90 deg, 37 deg, flare, 5/16-1/8 x 1/2-20	EA	1					17-9	8
00011		SAEJ514 (81343)								
X2 O		FILLER, FUEL TANK	EA	1					17-7	4
00013		13205E5081 (97403)								
P O	2910-575-0998	FILTER	EA	1	*	*	*	*	17-9	1
00014		1501596 (12204)								
X2 O		FITTING: 37 deg flare, 1/2-20 x 1/2-20	EA	1					17-6	6
00015		SAEJ514AF10C (81343)								
X2 O		GAGE, LIQUID, LEVEL	EA	1					17-9	24
00016		13216E7459 (97403)								
X2 O	5330-01-165-6917	GASKET	EA	1					17-9	21
00017		13216E7460 (97403)								
X2 O		GASKET, FUEL TANK	EA	1					17-9	5
00018		13216E7453 (97403)								
X2 O		GASKET, FUEL TANK	EA	1					17-9	10
00019		13216E7455 (97403)								
X2 O	2910-423-2730	GASKET, LEATHER	EA	1					17-9	16
00020		7348979 (19702)								
X2 O		GROMMET: 1/16GR-1-5/8GR-D3/4H	EA	1					17-7	33
00021		MS35489-120 (96906)								
M O		GROUND WIRE ASSEMBLY: 10 in., lg	EA	1					17-9	17
00022		13216E7462 (97403)								
		MANUFACTURE FROM:								
X2 O		TERMINAL, LUG: No. 16-14 AWG, No. 10 std	EA	2						
00023		MS20659-104 (96906)								
P O		WIRE, ELECTRIC: No. 14 AWG	FT			SEE	GRP	9501		
00024		MILW76 (81349)								
X2 O		GUARD, FUEL GAGE	EA	1					17-7	5
00025		13205E5083 (97403)								

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
P O 00026	4720-580-6659	HOSE ASSEMBLY: detachment fitting. 5/16, od, x 18 MS28741-5-0180 (96906)	EA	1	*	*	*	*	17-6	9
P O 00027	4720-567-1681	HOSE ASSEMBLY: 5/16 tubing, od, x 48, lg MS28741-5-0480 (96906)	EA	1	*	*	*	*	17-8	1
P O 00028		HOSE, FUEL: 2-id x 2-1/2, od, x 3, lg SAEJ30CLASS30R2TYPE2 (81343)	EA	1		SEE	GRP	9501	17-8	6
P O 00029	2910-881-3432	HOSE, RUBBER: 1/2 id, x 3/4 max, od, x 24 MILH13444TYPEII (81349)	EA	1		SEE	GRP	9501	17-7	32
X2 O 00030		LOCKNUT: 37 deg flare, 1/2-20 SAEJ514FIG10A (81343)	EA	1					17-6	8
X2 O 00031		NUT, INVERTED: 1/2 tube, od, 3/4-18 SAEJ512 (81343)	EA	1					17-9	18
X2 O 00032		NUT, SELF-LOCKING HEXAGON: 1/4-20 MS51922-1 (96906)	EA	4					17-7	8
X2 O 00033		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	3					17-7	42
X2 O 00034		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2					17-7	38
X2 O 00035		NUT, SELF-LOCKING, HEXAGON: No. 10-32 MS21044N3 (96906)	EA	1					17-8	5
X2 O 00036		NUT, SELF-LOCKING, HEXAGON: No. 10-32 MS21044N3 (96906)	EA	1					17-7	28
X2 O 00037		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	2					17-7	44
X2 O 00038		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	1					17-7	48
X2 O 00039		MOUNT, GAGE 13216E7458 (97403)	EA	1					17-9	20
X2 O 00040		PLATE, CONNECTOR 13216E7454-1 (97403)	EA	1					17-9	2
X2 O 00041		PLATE, FUEL TANK 13205E5133 (97403)	EA	1					17-7	45
X2 O 00042		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 7/8, lg MS90725-33 (96906)	EA	1					17-7	46
X2 O 00043		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 5/8, lg MS90725-5 (96906)	EA	4					17-7	6
X2 O 00044		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1, lg MS90725-8 (96906)	EA	2					17-7	36
X2 O 00045		SCREW, CAP, HEXAGON HEAD. 114-20 x 7/8, g19 MS90725-7 (96906)	EA	3					17-7	40
X2 O 00046		SCREW, MACHINE: No 10-24 x 3/4, lg FFS92TYPEIIISTYLE9C (81348)	EA	10					17-9	7
X2 O 00047		SCREW, MACHINE, PAN HEAD: No. 8-32 x 1/2, lg MS35206-245 (96906)	EA	5					17-9	11
X2 O 00048		SCREW, MACHINE, PAN HEAD: 10-32 x 5/8, lg MS35207-264 (96906)	EA	6					17-9	22
X2 O 00049		SCREW, MACHINE, PAN HEAD: 10-32 x 5/8, lg MS35207-264 (96906)	EA	1					17-7	30
X2 O 00050		SCREW, MACHINE, PAN HEAD: No. 10-32 x 5/8. lg MS35207-264 (96906)	EA	1					17-8	3
X2 O 00051		STRAP. FUEL TANK 13205E5082 (97403)	EA	1					17-7	35

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
P O 00052	2930-420-8936	TANK ASSEMBLY, FUEL FILTER 13216E7451-1 (97403)	EA	1	*	*	*	*	17-7	58
P O 00053	2910-420-8930	TANK, FUEL 13216E7452 (97403)	EA	1	*	*	a	*	17-9	14
P O 00054		TUBING: 1/2 od, x .035 wall, x 3, lg SAEJ526 (81343)	EA	1		SEE	GRP	9501	17-9	19
X2 O 00055		WASHER, FLAT: round, 3/8 screw size MS27183-15 (96906)	EA	2					17-7	43
X2 O 00056		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	3					17-7	41
X2 O 00057		WASHER, FLAT: round, No. 10 BSC, size MS27183-8 (96906)	EA	1					17-7	29
X2 O 00058		WASHER, FLAT: round, No. 10 BSC, size MS27183-8 (96906)	EA	1					17-8	4
X2 O 00059		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	2					17-7	37
X2 O 00060		WASHER, FLAT: round, 1/4 BSC, size M527183-10 (96906)	EA	4					17-7	7
X2 O 00061		WASHER, FLAT: round, 5/16 BSC, size MS27183-12 (96906)	EA	1					17-7	47
X2 O 00062		WASHER, FLAT: round, .531 x 1, .062 x .095 MS27183-18 (96906)	EA	1					17-6	7
X2 O 00063		WASHER, LOCK, SPRING, HELICAL: No. 8 nom MS35338-42 (96906)	EA	5					17-9	12
X2 O 00064		WASHER, LOCK, SPRING, HELICAL: No. 10 nom, size MS35338-43 (96906)	EA	6					17-9	23
X2 O 00065		WASHER, LOCK, SPRING, HELICAL: No. 12 nom, size USASB27-1 (80204)	EA	1	17-9	6				
00066		GROUP 04 - EXHAUST SYSTEM								
00067		0401 - MUFFLER AND PIPE								
X2 O 00068		CLAMP ASSEMBLY, TUBE EXHAUST 13212E3592-14(97403)	EA	1					17-6	5
X2 O 00069		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2					17-6	4
X2 O 00070		SCREW, CAP, HEXAGON HEAD:1/4-20 x 1, lg MS90725-8 (96906)	EA	2					17-6	2
P O 00071	6115-934-7878	TUBE EXHAUST 13214E1389 (97403)	EA	1	*	*	*	*	17-6	1
X2 O 00072		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	4					17-6	3
00073		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS								
00074		1501 - FRAME ASSEMBLY								
X2 O 00075	5340-999-6277	BRACKET ASSEMBLY 13214E1214 (97403)	EA	1					17-7	13
X2 O 00076		BRACKET, FUEL TANK 13205E4953 (97403)	EA	2					17-7	57
X2 O 00077		BRACKET, FUEL TANK ASSEMBLY 13205E4952 (97403)	EA	2					17-7	53
X2 O 00078	2590-932-7298	CLAMP, GROUND ROD 13212E3617-1 (97403)	EA	4					17-7	17
X2 O 00079		CLAMP, LOOP, CUSHIONED: 3/16, id MS21104D3 (96906)	EA	3					17-6	11

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00080	5340-914-2578	CLIP SPRING 13214E1213-1 (97403)	EA	1					17-7	21
X2 O 00081		NUT, PLAIN, HEXAGON JAM: 3/8-16 non-meg MS16203-39 (96906)	EA	2					17-7	65
X2 O 00082		NUT, PLAIN, HEXAGON, MACHINE, SCREW: 10-24 MS35649-202 (96906)	EA	3					17-6	15
X2 O 00083		NUT, PLAIN, HEXAGON: 3/8-16 non-mag MS16203-27 (96906)	EA	1					17-7	63
X2 O 00084		NUT, PLAIN, WING BRASS: 3/8-16 MS35425-28 (96906)	EA	1					17-7	67
X2 O 00085		NUT, SELF-LOCKING, HEXAGON MS51922-1 (96906)	EA	8					17-7	20
X2 O 00086		NUT, SELF-LOCKING, HEXAGON:1/4-20 MS51922-1 (96906)	EA	1					17-7	23
X2 O 00087		NUT, SELF-LOCKING, HEXAGON:1/4-20 MS51922-1 (96906)	EA	2					17-7	15
X2 O 00088		NUT, SELF-LOCKING, HEXAGON:3/8-16 MS51922-17 (96906)	EA	3					17-7	62
X2 O 00089		NUT, SELF-LOCKING, HEXAGON:3/8-16 MS51922-17 (96906)	EA	2					17-7	56
X2 O 00090		NUT, SELF-LOCKING, HEXAGON:3/8-16 MS51922-17 (96906)	EA	2					17-7	2
X2 O 00091		NUT, SELF-LOCKING, HEXAGON:3/8-16 MS51922-17 (96906)	EA	2					17-7	51
X2 O 00092		SCREW, CAP, HEXAGON HEAD:1/4-20 x 3/4, lg MS90725-6 (96906)	EA	1					17-7	24
X2 O 00093		SCREW, CAP, HEXAGON HEAD:1/4-20 x 3/4, LG MS90725-6 (96906)	EA	2					17-7	16
X2 O 00094		SCREW, CAP, HEXAGON HEAD:3/8-16 x 1-3/4 MS90725-65 (96906)	EA	2					17-7	54
X2 O 00095		SCREW, CAP, HEXAGON HEAD:3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3					17-7	60
X2 O 00096		SCREW, CAP, HEXAGON HEAD:3/8-16 x 2-1/4 MS90725-67 (96906)	EA	2					17-7	49
X2 O 00097		SCREW, MACHINE, FLAT HEAD MS35190-290 (96906)	EA	8					17-7	18
X2 O 00098		SCREW, MACHINE, PAN HEAD: 10-24 x 5/8, lg MS35206-264 (96906)	EA	3					17-6	12
X2 O 00099		STUD, GROUNDING 13214E1223 (97403)	EA	1					17-7	68
X2 O 00100		SHIELD, FUEL TANK 13205E4951 (97403)	EA	1					17-7	59
X2 O 00101		WASHER, FLAT, ELECTRIC, BRASS: 3/8, size AN961-616 (88044)	EA	4					17-7	66
X2 O 00102		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	2					17-7	22
X2 O 00103		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	4					17-7	14
X2 O 00104		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	8					17-7	19
X2 O 00105		WASHER, FLAT: round, No. 10 BSC, size MS27183-8 (96906)	EA	3					17-6	13

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
X2 O 00106		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	2					17-7	55
X2 O 00107		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	3					17-7	61
X2 O 00108		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	2					17-7	50
X2 O 00109		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	2					17-7	1
X2 O 00110		WASHER, LOCK: No. 10 MS35338-43 (96906)	EA	3					17-6	14
X2 O 00111		WASHER, LOCK, FLAT: external tooth, 3/8 S35335-91 (96906)	EA	2					17-7	64
00112		1507 - LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)								
X2 O 00113	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	3					17-6	25
X2 O 00114		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3					17-6	23
P2 O 00115	2590-420-8929	TRAILER LEG PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	*	*	17-6	22
X1 00116		BRACKET, TRAILER LEG, PROP ASSEMBLY 13214E1207 (97403)	EA	1					17-6	22
X2 O 00117		FITTING, LUBRICATION: 1/8-27 NPT MS15006-1 (96906)	EA	1					17-6	22
X1 00118		LEG BASE 13214E1212 (97403)	EA	1					17-6	22
X1 00119		LEG, UPPER 13214E1208 (97403)	EA	1					17-6	22
X1 00120		NUT 13214E1211 (97403)	EA	1					17-6	22
X2 O 00121		PIN, COTTER: 1/8 dia, x 3/4, 19 MS24665-351 (96906)	EA	1					17-6	22
X2 O 00122		RIVET, SOLID, HEAD MS20613-8P32 (96906)	EA	1					17-6	22
X1 00123		SCREW, TRAILER LEG 13214E1210 (97403)	EA	1					17-6	22
X1 00124		SHAFT, TRAILER LEG 13214E1209 (97403)	EA	1					17-6	22
X2 O 00125		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	6					17-6	24
00126		GROUP 22 - BODY CHASSIS OR HULL,  AND ACCESSORY ITEMS								
00127		2202 - ACCESSORY ITEMS								
P C 00128	5975-878-3791	ROD, GROUND: 3 ft, section with attachments MILR11461 (81349)	EA	2	*	*	*	*	17-7	25
P C 00129	5120-265-7462	HAMMER HAND, DOUBLE FACE: 8 lb GGGH86TYPEXCLASSI (81348)	EA	1	*	*	*	*	17-7	26
00130		2210 - DATA PLATES								
X2 O 00131		PLATE, IDENTIFICATION 13205E4916-14(97403)	EA	1					17-6	10
X2 O 00132		PLATE, IDENTIFICATION, GROUND TERMINAL 13205E4918 (97403)	EA	1					17-7	52

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION		
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.	
					1-5	6-20	21-50	51-100			
00133	6145-395-8799	GROUP 40 - ELECTRIC MOTORS AND GENERATORS									
00134		4000 - GENERATOR ASSEMBLY									
X2 O		NUT, SELF-LOCKING, HEXAGON: 5/8-11	EA	4					17-6	17	
00135		MS51922-49 (96906)									
X2 O		SCREW, CAP, HEXAGON HEAD: 5/8-11 x 1-1/2	EA	4					17-6	20	
00136		MS90725-162 (96906)									
X2 O		SPACER	EA	4					17-6	18	
00137		13214E1222-3 (97403)									
X2 O		WASHER, FLAT: round, 5/8 BSC, size	EA	8					17-6	18	
0137A		MS27183-21 (96906)									
00138		4019 - RADIO INTERFERENCE SUPPRESSION									
M O		6145-395-8799	WIRE, ELECTRIC: copper, 6 ft, No. 6 AWG, uninsulated	FT	1					17-6	16
00139			QQW343TYPERBCLASSI (81348)								
P O			MANUFACTURE FROM:	FT			SEE	GRP	9501		
00140		WIRE, ELECTRIC: copper, No. 6 AWG, uninsulated									
	QQW343TYPERBCLASSI (81348)										
00141	GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS										
00142	7638 - PORTABLE FIRE FIGHTING EQUIPMENT										
P C	4210-555-8837	EXTINGUISHER, FIRE: 2-3/4, with bracket	EA	1	*	*	*	*	17-7	9	
00143		MILE52031 (81349)									
X2 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1/4-20	EA	4					17-7	11	
00144		MS51922-1 (96906)									
X2 O	5305-068-0502	SCREW, CAP, HEXAGON HEAD:1/4-20 x 3/4, 19	EA	4					17-7	12	
00145		MS90725-6 (96906)									
X2 O	5310-809-4058	WASHER, FLAT: round, 1/4 BSC, size	EA	8					17-7	10	
00146		MS27183-10 (96906)									
00147	GROUP 95 - GENERAL USE STANDARDIZED PARTS										
00148	9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON										
P O	2910-881-3432	HOSE, RUBBER: 1/2 in. id, 3/4 In. max od	FT		*	*	*	*			
00149		MILH13444TYPE2 (81349)									
P O		HOSE: 2 in. id, 2-1/2 in. od	FT		*	*	*	*			
00150		SAEJ30CLASS30R2TYPE2 (81343)									
P O		TUBING: 1/2 od, .035 wall	FT		*	*	*	*			
00151		SAEJ526 (81343)									
P O	WIRE, ELECTRICAL: 14 AWG	FT		*	*	*	*				
00152	MILW76 (81349)										

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  ref NUMBER & MFR CODE	(4) USABLE UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1-YR ALW PER 100 EQUIP CNTG	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
		PART II												
		REPAIR PARTS FOR DS, GS, AND DEPOT MAINTENANCE												
00001		GROUP 03 - FUEL SYSTEM												
00002		0306 - TANKS, LINES, FITTINGS												
X2 O		BRACKET, FUEL TANK ASSEMBLY	EA	1									17-7	39
00003		13205E5080 (97403)												
P O	2910-911-0081	CAP, FUEL TANK: tactical vehicle												
00004		fording	EA	1	*	*	2	*	*	2	10	10	17-7	3
		MS35645-2 (96906)												
X2 O		CLAMP, HOSE: 1-13/16-2-3/4, range	EA	2									17-8	7
00005		MS35842-13 (96906)												
X2 O		CLAMP, HOSE: 7/16-25/32, range	EA	2									17-7	27
00006		MS35842-10 (96906)												
X2 O		CLAMP, LOOP, CUSHIONED: 3/4, nom, od	EA	1									17-7	31
00007		MS21104012 (96906)												
X2 O		CLAMP, LOOP, CUSHIONED: 5/8, nom, od	EA	1									17-8	2
00008		MS21104010 (96906)												
X2 O		COCK, DRAIN/HOSE BIB: 1/4-18	EA	1									17-9	13
00009		MS35783-2 (96906)												
X2 O		COVER, FUEL TANK	EA	1									17-9	9
00010		13216E7456 (97403)												
X2 O		ELBOW: 90 deg, 37 deg, flare,												
00011		5/16-1/8 x 1/2-20	EA										17-9	8
		SAEJ514 (81343)												
X2		EXTENSION, TANK ASSEMBLY	EA	1									17-9	15
00012		13216E7457 (97403) (WELDMENT)												
X2 O		FILLER, FUEL TANK	EA	1									17-7	4
00013		13205E5081 (97403)												
P O	2910-575-0998	FILTER	EA	1	*	*	2	*	*	2	10	10	17-9	1
00014		1501596 (12204)												
X2 O		FITTING: 37 deg flare, 1/2-20 x 1/2-20	EA	1									17-6	6
00015		SAEJ514AF10C (81343)												
X2 O		GAGE, LIQUID, LEVEL	EA	1									17-9	24
00016		13216E7459 (97403)												
X2 O		GASKET	EA	1									17-9	21
00017		13216E7460 (97403)												
X2 O		GASKET, FUEL TANK	EA										17-9	5
00018		13216E7453 (97403)												
X2 O		GASKET, FUEL TANK	EA	1									17-9	10
00019		13216E7455 (97403)												
X2 O	2910-423-2730	GASKET, LEATHER	EA	1									17-9	16
00020		7348979 (19702)												
X2 O		GROMMET: 1/16GR-1-5/8 GR-D3/4H	EA	1									17-7	33
00021		MS35489-120 (96906)												
M O		GROUND WIRE ASSEMBLY: 10 in., 19g	EA	1									17-9	17
00022		13216E7462 (97403)												
		MANUFACTURE FROM:												
X2 O		TERMINAL, LUG: No. 16-14 AWG, No.												
00023		10 std	EA	2										
		MS20659-104 (96906)												
P O		WIRE, ELECTRIC: No. 14 AWG	FT					SEE	GRP	9501				
00024		MILW76 (81349)												

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00025	4720-580-6659	GUARD, FUEL GAGE, 13205E5083 (97403)	EA	1									17-7	5
P O 00026		HOSE ASSEMBLY: detachment fitting 5/16, od, x 18 MS28741-5-0180 (96906)	EA	1	*	*	*	*	*	*	5	5	17-6	9
P O 00027	4720-567-1681	HOSE ASSEMBLY: 5/16, tubing, od, x 48 lg MS28741-5-0480 (96906)	EA	1	*	*	*	*	*	*	5	5	17-8	1
P O 00028	2910-881-3432	HOSE, FUEL: 2-ld x 2-1/2, od, x 3, lg SAEJ30CLASS30 (81343)	EA	1				SEE GRP 9501					17-8	6
P O 00029		HOSE, RUBBER: 1/2 ld, x 3/4 max, od, x 24 MILH13444TYPE 11 (81349)	EA	1				SEE GRP 9501					17-7	32
X2 O 00030		LOCKNUT: 37 deg flare, 1/2-20 SAEJ514FIG10A (81343)	EA	1									17-6	8
X2 O 00031		NUT, INVERTED: 1/2 tube, od, 3/4-18 SAEJ512 (81343)	EA	1									17-9	18
X2 O 00032		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	4									17-7	8
X2 O 00033		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	3									17-7	42
X2 O 00034		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2									17-7	38
X2 O 00035		NUT, SELF-LOCKING, HEXAGON: No. 10-32 MS21044N3 (96906)	EA	1									17-8	5
X2 O 00036		NUT, SELF-LOCKING, HEXAGON: No. 10-32 MS21044N3 (96906)	EA	1									17-7	28
X2 O 00037		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	2									17-7	44
X2 O 00038		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	1									17-7	48
X2 O 00039		MOUNT, GAGE 13216E7458 (97403)	EA	1									17-9	20
X2 O 00040		PLATE, CONNECTOR 13216E7454-1 (97403)	EA	1									17-9	2
X2 O 00041		PLATE, FUEL TANK 13205E5133 (97403)	EA	1									17-7	45
X2 O 00042		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 7/8, lg MS90725-33 (96906)	EA	1									17-7	46
X2 O 00043		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 5/8, lg MS90725-5 (96906)	EA	4									17-7	6
X2 O 00044		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1, lg MS90725-8 (96906)	EA	2									17-7	36
X2 O 00045		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 7/8, lg MS90725-7 (96906)	EA	3									17-7	40
X2 O 00046		SCREW, MACHINE, PAN HEAD: No. 8-32 x 1/2, lg MS35206-245 (96906)	EA	5									17-9	11
X2 O 00047		SCREW, MACHINE: No. 10-24 x 3/4, lg FFS92TYPEIIISTYLE9C (81343)	EA	10									17-9	7



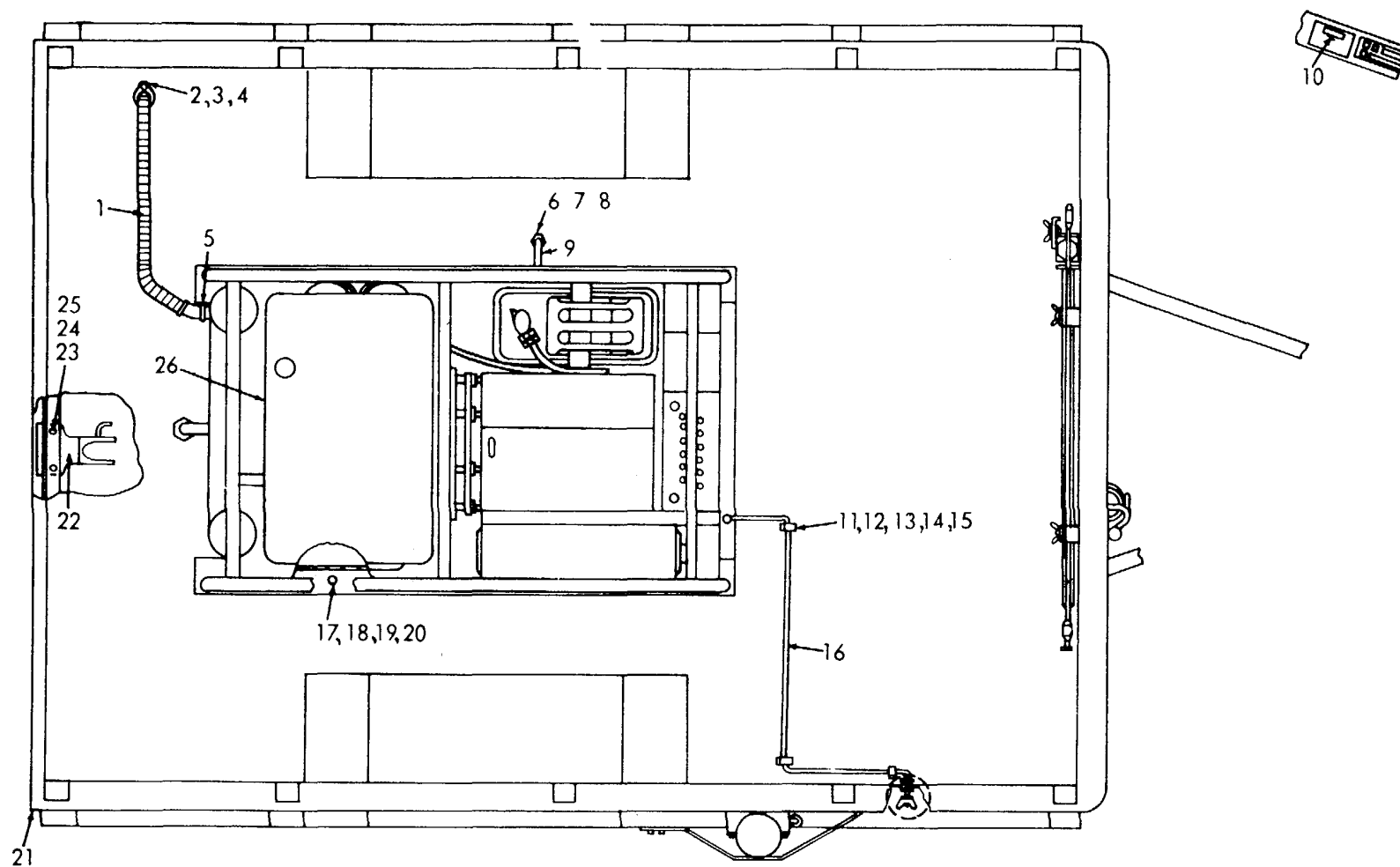
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(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  ref NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCTY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00073		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS												
00074		1501 - FRAME ASSEMBLY												
X2 O	5340-999-6277	BRACKET ASSEMBLY	EA	1									17-7	13
00075		13214E1214 (97403)												
X2 O		BRACKET, FUEL TANK	EA	2									17-7	57
00076		13205E4953 (97403)												
X2 O		BRACKET, FUEL TANK ASSEMBLY	EA	2									17-7	53
00077		13205E4952 (97403)												
X2 O	2590-932-7298	CLAMP, GROUND ROD	EA	4									17-7	17
00078		13212E3617-1 (97403)												
X2 O		CLAMP, LOOP, CUSHIONED: 3/16, id	EA	3									17-6	11
00079		MS21104D3 (96906)												
X2 O	5340-914-2578	CLIP SPRING	EA	1									7-7	21
00080		13214E1213-1 (97403)												
X2 O		NUT, PLAIN, HEXAGON JAM: 3/8-16												
00081		non-mag	EA	2									17-7	65
		MS16203-39 (96906)												
X2 O		NUT, PLAIN, HEXAGON, MACHINE, SCREW:												
00082		10-24	EA	3									17-6	15
		MS35649-202 (96906)												
X2 O		NUT, PLAIN, HEXAGON: 3/8-16 non-mag	EA	1									17-9	63
00083		MS16203-27 (96906)												
X2 O		NUT, PLAIN, WING BRASS: 3/8-16	EA	1									17-7	67
00084		MS35425-28 (96906)												
X2 O		NUT, SELF-LOCKING, HEXAGON	EA	8									17-7	20
00085		MS51922-1 (96906)												
X2 O		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	1									17-7	23
00086		MS51922- 1 (96906)												
X2 O		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2									17-7	15
00087		MS51922-1 (96906)												
X2 O		NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	3									17-7	62
00088		MS51922-17 (96906)												
X2 O		NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	2									17-7	56
00089		MS51922-17 (96906)												
X2 O		NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	2									17-7	2
00090		MS51922-17 (96906)												
X2 O		NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	2									17-7	51
00091		MS51922-17 (96906)												
X2 O		SCREW, CAP, HEXAGON HEAD: 1/4-20 x												
00092		3/4, lg	EA	1									17-7	24
		MS90725-6 (96906)												
X2 O		SCREW, CAP, HEXAGON HEAD: 1/4-20 x												
00093		3/4, lg	EA	2									17-7	16
		MS90725-6 (96906)												
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 x												
00094		1-3/4	EA	2									17-7	54
		MS90725-65 (96906)												
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 x												
00095		1-1/4	EA	3									17-7	60
		MS90725-62 (96906)												
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 x												
00096		2-1/4	EA	2									17-7	49
		MS90725-67 (96906)												

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  USABLE  ON CODE  ref NUMBER & MFR CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTGCT	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION		
					ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100					
X2 O 00097	5310-087-4652	SCREW, MACHINE, FLAT HEAD MS35190-290 (96906)	EA	8									17-7	18	
X2 O 00098		SCREW, MACHINE, PAN HEAD: 10-24 X 5/8, lg MS35206-264 (96906)	EA	3									17-6	12	
X2 O 00099		STUD, GROUNDING 13214E1223 (97403)	EA	1									17-7	68	
X2 O 00100		SHIELD, FUEL TANK 13205E4951 (97403)	EA	1									17-7	59	
X2 O 00101		WASHER, FLAT, ELECTRIC, BRASS: 3/8, size AN961-616 (88044)	EA	4									17-7	66	
X2 O 00102		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	2									17-7	22	
X2 O 00103		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	4									17-7	14	
X2 O 00104		WASHER, FLAT: round, 1/4 BSC, size MS27183-10 (96906)	EA	8									17-7	19	
X2 O 00105		WASHER, FLAT: round, No. 10 BSC, size MS27183-8 (96906)	EA	3									17-6	13	
X2 O 00106		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	2									17-7	55	
X2 O 00107		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	3									17-7	61	
X2 O 00108		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	2									17-7	50	
X2 O 00109		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	2									17-7	1	
X2 O 00110		WASHER, LOCK: No. 10 MS35338-43 (96906)	EA	3									17-6	14	
X2 O 00111		WASHER, LOCK, FLAT: external tooth, 3/8 M3535335-91 (96906)	EA	2									17-7	64	
00112		1507 - LANDING GEAR, LEVELING JACKS (MECHANICAL OR HYDRAULIC)													
X2 O 00113		2590-420-8929	NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	3									17-6	25
X2 O 00114			SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3									17-6	23
P2 O 00115	TRAILER LEG PROP ASSEMBLY 13214E1206 (97403)		EA	1	*	*	2	*	*	2	10	10	17-6	22	
X1 00116	BRACKET TRAILER LEG, PROP ASSEMBLY 13214E1207 (97403)		EA	1									17-6	22	
X2 O 00117	FITTING, LUBRICATION: 1/8-27 NPT MS15006-1 (96906)		EA	1									17-6	22	
X1 00118	LEG BASE 13214E1212 (97403)		EA	1									17-6	22	
X1 00119	LEG, UPPER 13214E1208 (97403)		EA	1									17-6	22	
X1 00120	NUT 13214E1211 (97403)		EA	1									17-6	22	
X2 O 00121	PIN, COTTER: 1/8 dia, x 3/4 19 MS24665-351 (96906)		EA	1									17-6	22	

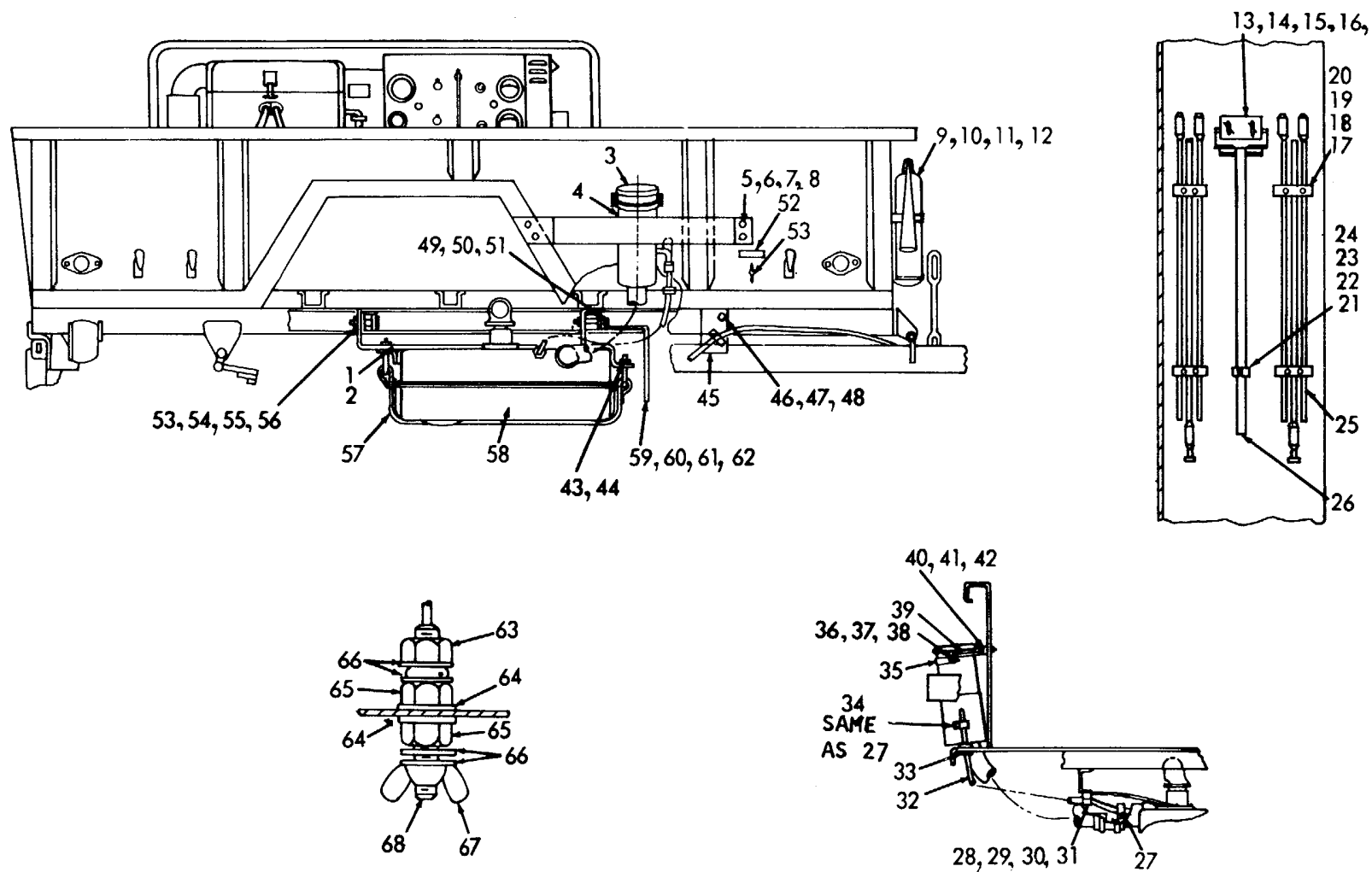
(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  ref NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00122	2330-898-6779	RIVET, SOLID, HEAD M20613-8P32 (96906)	EA	1									17-6	22
X1 00123		SCREW, TRAILER LEG 13214E1210 (97403)	EA	1									17-6	22
X1 00124		SHAFT, TRAILER LED 13214E1209 (97403)	EA	1									17-6	22
X2 O 00125		WASHER, FLAT: round, 3/8 BSC, size MS27183-15 (96906)	EA	6									17-6	24
00126		GROUP 18 - BODY, CAB, HOOD AND HULL 1810 - CARGO BODY												
0126A														
X2 FR 00127		TRAILER 132143489 (97403)	EA	1									17-6	21
00128		GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS 2202 - ACCESSORY ITEMS												
00129														
P C 00130	5975-878-3791	ROD, GROUND: 3 ft, section with attachments MILR11461 (81349)	EA	2	*	*	2	*	*	2	10	10	17-7	25
P C 00131	5120-265-7462	HAMMER, HAND, DOUBLE FACE: 8 lb GGGH86TYPEXCLASS1 (81348)	EA	1	*	*	2	*	*	2	10	10	17-7	26
00132		2210 - DATA PLATES												
X2 O 00133		PLATE, IDENTIFICATION: 13205E4916-14 (97403)	EA	1									17-6	10
X2 O 00134		PLATE, IDENTIFICATION, GROUND TERMINAL 13205E4918 (97403)	EA	1									17-7	52
00135		GROUP 40 - ELECTRIC MOTORS AND OPERATORS												
00136		4000 - GENERATOR ASSEMBLY												
X2 FR 00137	6115-937-1793	GENERATOR SET: 10KW-400HZ, skid mtd MILG52280 (81349)	EA	1									17-6	26
X2 O 00138		NUT, SELF-LOCKING, HEXAGON: 5/8-11 MS51922-49 (96906)	EA	4									17-6	17
X2 O 00139		SCREW, CAP, HEXAGON HEAD: 5/8-11 x 1-1/2 MS90725-162 (96906)	EA	4									17-6	20
X2 O 00140		SPACER 132141I222-3 (97403)	EA	4									17-6	18
X2 O 00141		WASHER, FLAT: round, 5/8 BSC, size MS27183-21 (96906)	EA	8									17-6	19
00142		4019 - RADIO INTERFERENCE SUPPRESSION												
M O 00143		WIRE, ELECTRIC: copper, 6 ft, No. 6 AWG, uninsulated QQW343TTPERBCLASS1 (81348)	FT	1									17-6	16
P O 00144	6145-395-8799	MANUFACTURE FROM: WIRE, ELECTRIC: copper, No. 6 AWG, uninsulated QQW343TYPERSCLASS1 (81348)	FT					SEE GRP 9501						

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  ref NUMBER & MFR CODE	USABLE  ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
						ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
00145		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS													
00146		7638 - PORTABLE FIRE													
P C	4210-555-8837	EXTINGUISHER, FIRE: 2-3/4, with bracket	EA	1	*	*	2	*	*	2	10	10	17-7	9	
00147		MILE52031 (81349)													
X2 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	4									17-7	11	
00148		6N51922-1 (96906)													
X2 O	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4, lg	EA	4									17-7	12	
00149		MS90725-6 (96906)													
X2 O	5310-809-4058	WASHER, FIAT: round, 1/4 BSC, size	EA	8									17-7	10	
00150		MS27183-10 (96906)													
00151		GROUP 95 - GENERAL USE STANDARDIZED PARTS													
00152		9501 - HARDWARE SUPPLIES AND BULK MATERIAL, COMMON													
P O	2910-881-3432	HOSE, RUBBER: 1/2 in. id, 3/4 in. max od	FT	*	*	*	*	*	*	*	5	5			
00153		MILH13444TYPE2 (81349)													
P O		HOSE: 2 in. id, 2-1/2 in. od	FT	*	*	*	*	*	*	*	10	10			
00154		SAEJ30CLASS30R2TYPE2 (81343)													
P O		TUBING: 1/2 od, .035 wall	FT	*	*	*	*	*	*	*	10	10			
00155		SAEJ526 (81343)													
P O		WIRE, ELECTRICAL: 14 AWG	FT	*	*	*	*	*	*	*	*	*			
00156		MILW76 (81349)													



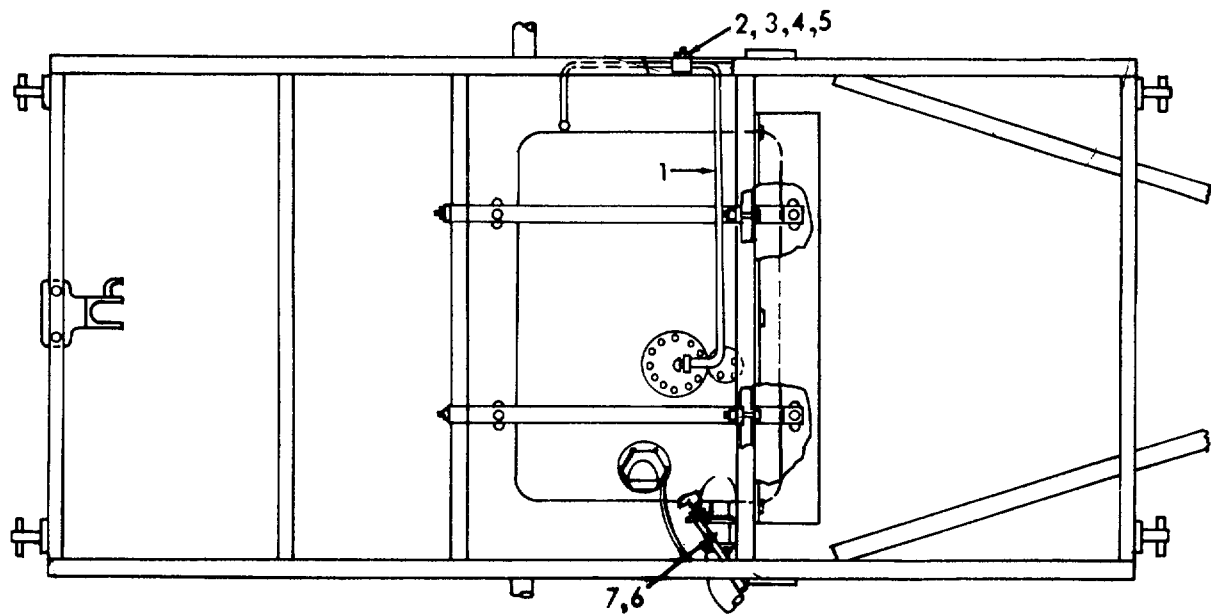
ME 6115-365-15/17-6, C2

Figure 17-6. Power unit components.



ME 6115-365-15/17-7, C2

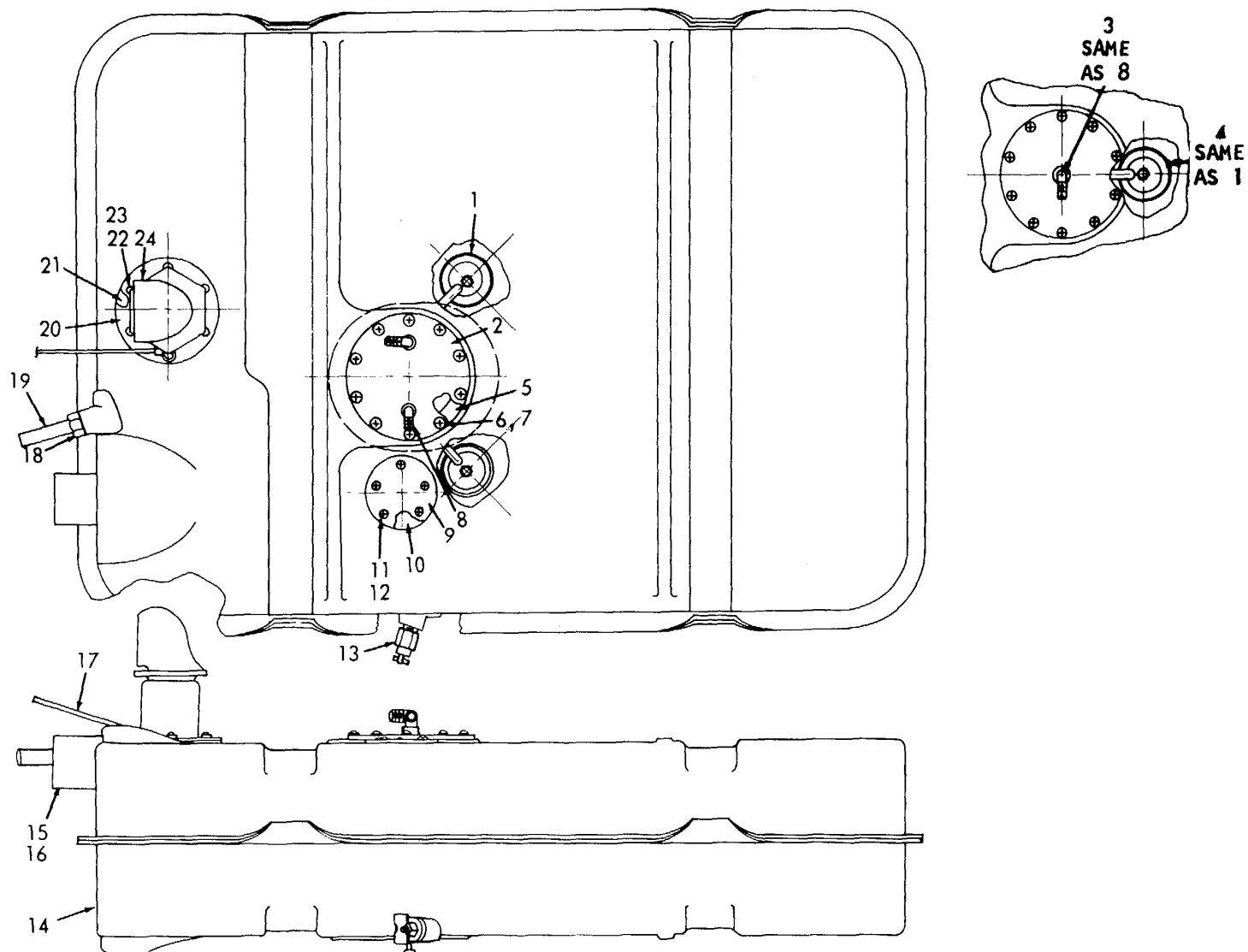
Figure 17-7. Detail components.



ME 6115-365-15/17-8, C2

Figure 17-8. Fuel tank mounting components.





ME 6115-365-15/17-9, C2

Figure 17-9. Fuel tank components.

## CHAPTER 18

## GENERATOR SET PU-628/G

## Section I. DESCRIPTION AND DATA

**18-1. Description**

*a. General.* The PU-628/G is a self-contained, mobile, general purpose power supply (Fig. 18-1). The set is comprised of two 3 KW Model SF 3.0 MD Military Standard generator sets, mounted on an M101 trailer and includes the components listed in table 18-1. The generators are powered by directly coupled, 4-cylinder, 6-hp, Military Standard engines. A power transfer switch is provided for connecting the generator outputs to a common load.

*b. Engines.* For description and maintenance information pertaining to the engines, refer to TM 5-2805-203-14.

*c. Generators.* For description and operation and maintenance information not covered in this chapter, refer to TM 5-6115-271-14.

*d. Trailer.* For description and trailer maintenance information, refer to TM 9-2330-202-14.

**18-2. Tabulated Data**

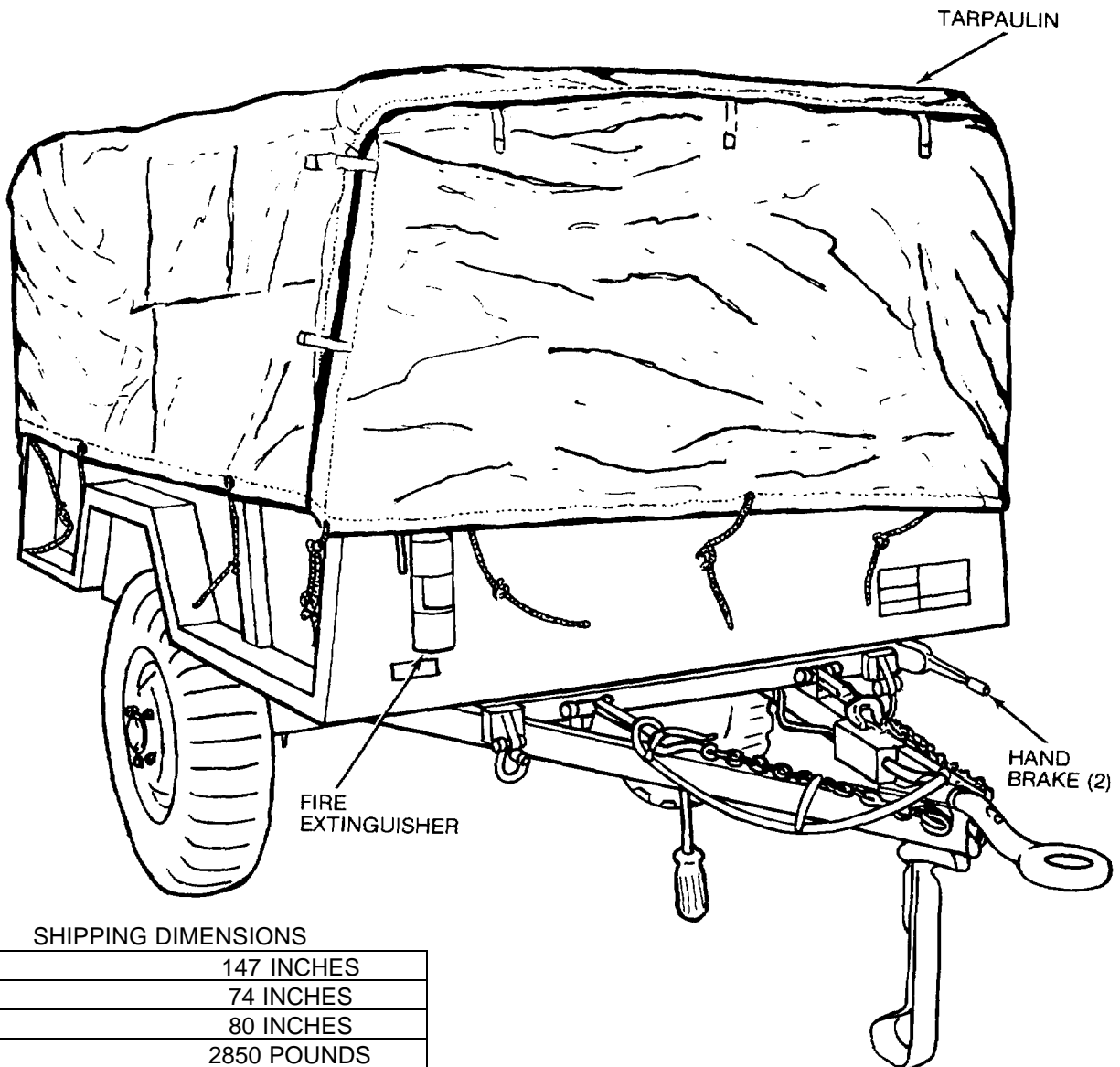
Table 18-1 lists the components for PU-628/G.

*Table 18-1. PU-628/G Components*

Fsn	Qty	Nomenclature
2330-738-9509	1	Trailer: M101
2590-318-6691	1	Leg prop assembly, trailer
6115-01-143-3311	2	Generator: 3KW, 60 cycle, Model SF-3.0 MD
4210-555-8837	1	Fire extinguisher
5975-878-3791	2	Ground rod (w/attachments)
5120-265-7462	1	Sledge hammer
FSN not assigned	1	Fuel tank assembly

**CAUTION**

**REMOVE TARPAULIN, BOWS AND RACKS BEFORE OPERATION. BE SURE TAILGATE IS DOWN AND REMOVE ANYTHING IN THE TRAILER THAT MIGHT OBSTRUCT THE FREE CIRCULATION OF AIR.**

**SHIPPING DIMENSIONS**

LENGTH	147 INCHES
WIDTH	74 INCHES
HEIGHT	80 INCHES
WEIGHT	2850 POUNDS

*Figure 18-1. PU-628/G, right front, 3/4 view.*

## Section II. OPERATING INSTRUCTIONS

### 18-3. Setting-up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generator sets to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate the handbrake at weekly intervals to assure freedom of linkage.

(3) Pull leg support down and adjust length for firm contact with ground.

#### WARNING

**Wheels must be blocked, brakes set, and leg support down in support position before attempting to roll up tarpaulin and before starting to assemble or set-up equipment for operation.**

#### b. Preparation for Starting.

(1) Roll up tarpaulin and remove the bows and racks (Fig. 18-2).

(2) Open trailer tailgate and remove all loose auxiliary items and anything else that might block the free circulation of air through the trailer and around generator sets.

#### CAUTION

**It is of foremost importance that there be free circulation of air around the generator set at all times during operation. inadequate ventilation is a major cause of damage to equipment.**

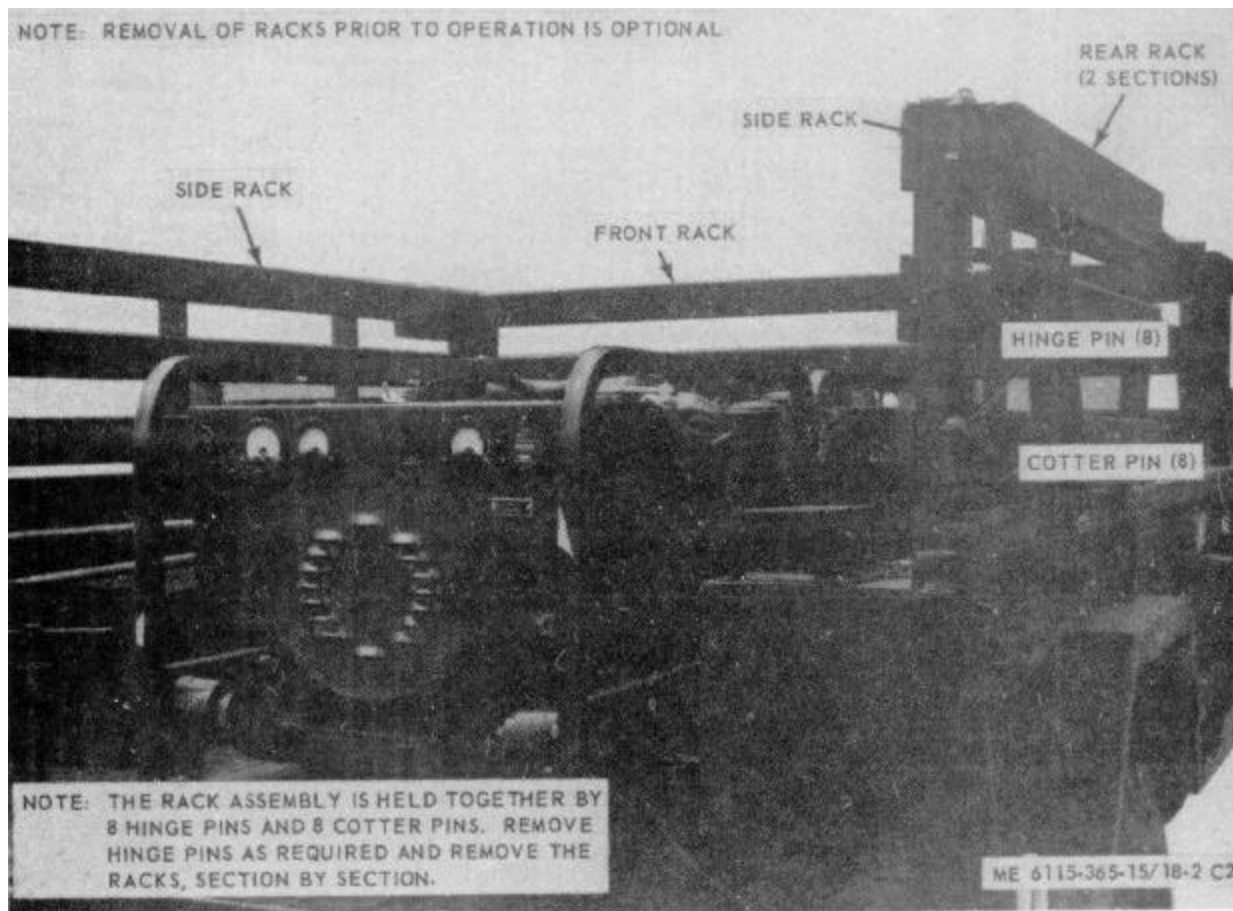


Figure 18-2. Racks, removal and installation.

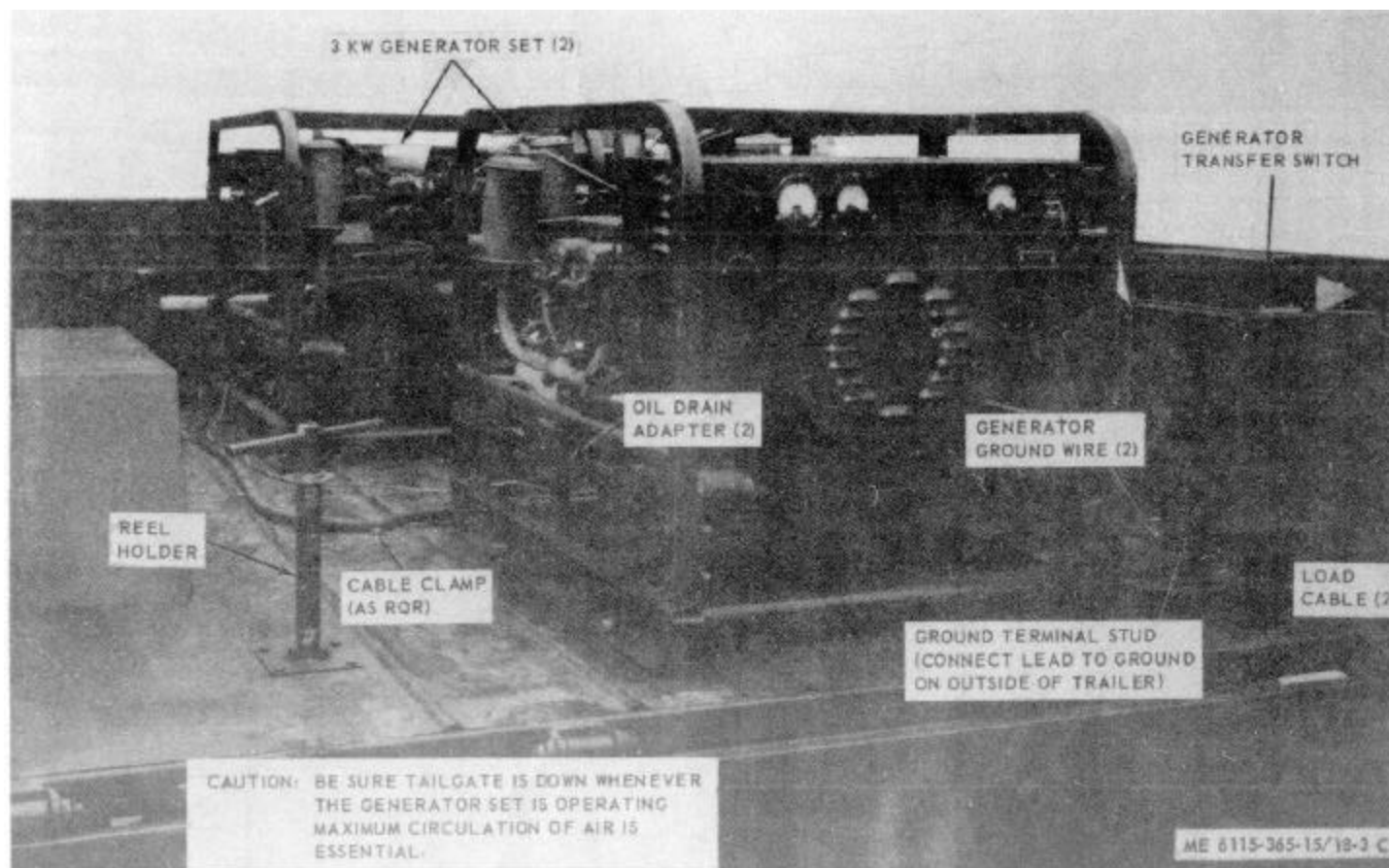


Figure 18-3. PU-628/C set up for operation.

c. Grounding.

**WARNING**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an underground system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain:

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq. ft.) buried at a depth of 4 feet.

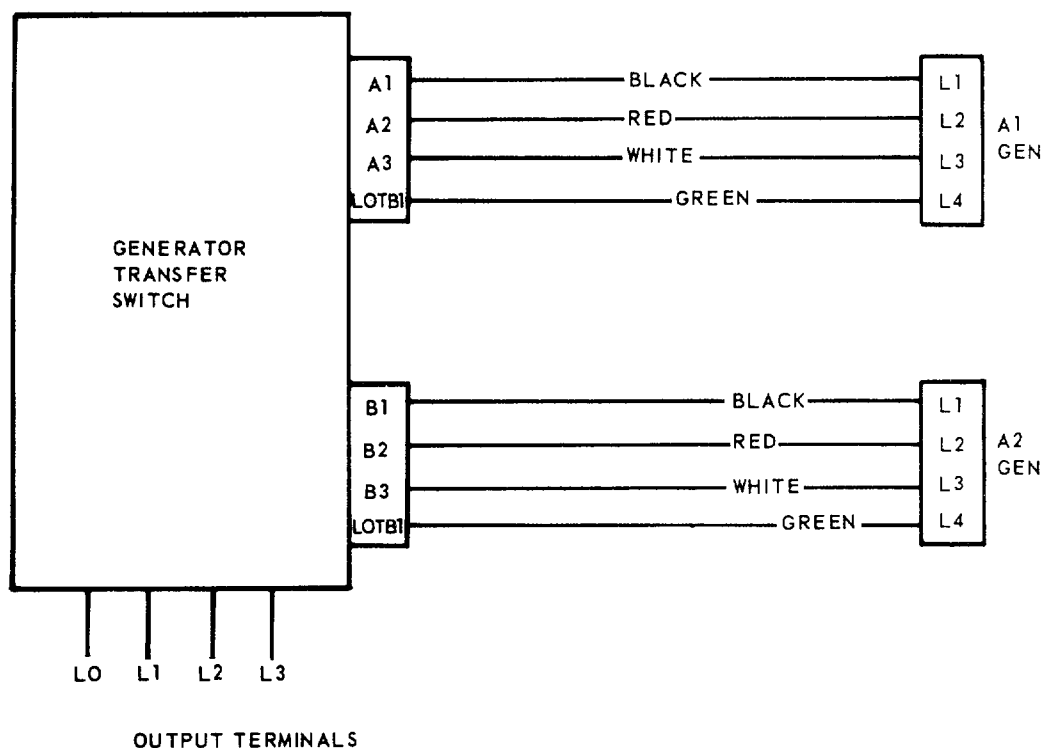
(2) The ground lead must be No. 6 AWG copper wire, bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground terminal stud and connect the generator to the ground terminal stud as shown in figure 18-3.

**WARNING**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

(4) Be sure the transfer switch load cables are connected to the generator sets as illustrated in figure 18-4.



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Figure 18-4. Interconnection diagram, transfer switch-to-generators.

#### 18-4. Starting

- a. Perform the setting-up and pre-starting procedures described in paragraph 18-3.
- b. Start the generator set as instructed in TM 5-6115-271-15.

#### 18-5. Stopping

Stop the generator set as instructed in TM 5-6115-271-15.

#### 18-6. Operation

Operate the generator set as instructed in TM 5-6115-271-15.

### Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS

#### 18-7. Transfer Switch Indicating Lamps

- a. *Removal.* Remove the indicating lamps as illustrated in figure 18-5.
- b. *Installation.* Install the indicating lamps as illustrated in figure 18-5.

#### 18-8. Fuel Tank Cap and Strainer Assembly

- a. *Removal.* Remove fuel tank cap and pull out the strainer assembly with the chain.

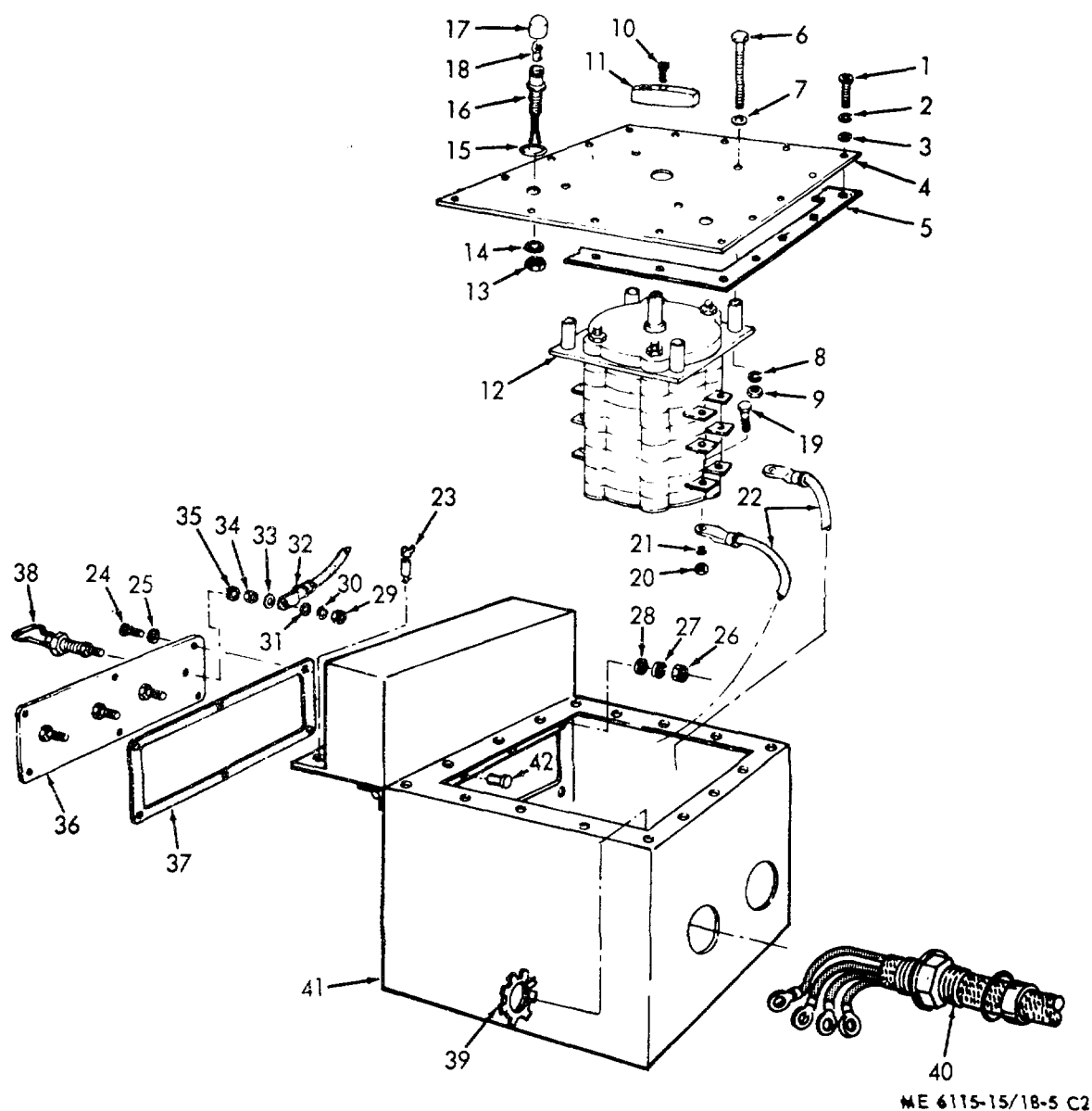
- b. *Cleaning and Inspection.*

- (1) Clean metal parts with approved cleaning solvent and dry thoroughly.

- (2) Inspect cap and strainer for damage and defects. Inspect strainer screen for holes and gasket for deterioration.

- (3) Replace a defective fuel tank cap, gasket, or strainer.

- c. *Installation.* Place strainer assembly in filler neck and install cap.



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- |               |                        |                    |                        |
|---------------|------------------------|--------------------|------------------------|
| 1 Screw       | 12 Transfer switch     | 23 Fastener        | 34 Hex nut             |
| 2 Lockwasher  | 13 Hex nut             | 24 Screw           | 35 Lockwasher          |
| 3 Flat washer | 14 Lockwasher          | 25 Flat washer     | 36 Terminal board      |
| 4 Cover       | 15 Preformed packing   | 26 Hex nut         | 37 Gasket              |
| 5 Gasket      | 16 Light and wire Assy | 27 Lockwasher      | 38 Terminal lug        |
| 6 Screw       | 17 Lens                | 28 Flat washer     | 39 Locknut             |
| 7 Flat washer | 18 Lamp                | 29 Hex nut         | 40 Stuffing tube Assy  |
| 8 Lockwasher  | 19 Screw               | 30 Lockwasher      | 41 Transfer switch box |
| 9 Hex nut     | 20 Hex nut             | 31 Flat washer     | 42 Rivet               |
| 10 Screw      | 21 Lockwasher          | 32 Electrical lead |                        |
| 11 Knob       | 22 Electrical lead     | 33 Flat washer     |                        |

Figure 18-5. Transfer switch, removal, disassembly, reassembly, and installation.



## Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

### 18-9. Ground Wires and Terminal Stud

*a. Removal.* Refer to figure 18-3 and disconnect ground wires, remove clamps and ground terminal stud.

*b. Installation.* Refer to figure 18-3 and install the ground terminal stud, connect ground wires, and install clamps.

### 18-10. Tarpaulin, Roof Bows, Racks, and Leg Prop

*a. Removal.*

(1) Remove tarpaulin from unit.

(2) Remove the roof bows and racks as shown in figure 18-2.

(3) Remove the hardware that secures the leg prop to the underside of the trailer bed and remove the leg prop.

*b. Cleaning and Inspection.*

(1) Clean tarpaulin, bows, and racks with water and detergent. Clean leg prop with approved cleaning solvent and dry thoroughly.

(2) Inspect tarpaulin for tears, holes, broken or missing ropes and straps, and other defects. Inspect bows, racks, and leg prop for cracks, bends, missing pins, and other defects.

*c. Installation.*

(1) Mount the leg prop to the underside of the trailer bed and secure with mounting hardware.

(2) Install the racks and roof bows as shown in figure 18-2.

(3) Install tarpaulin and secure in desired position.

### 18-11. Fuel Tank and Gage Assembly

*a. General.* The fuel tank on PU-628/G is mounted on the underside of the trailer bed, held in place by 2 metal straps that are secured to cross braces welded to the trailer. The fuel gage is mounted on top of the tank.

*b. Removal.*

(1) Drain fuel tank.

(2) Disconnect either end of the ground wire that connects to the fuel gage.

(3) Remove the 2 hose clamps and remove the hose that connects the filler neck to the tank.

(4) Disconnect the breather line from the fuel tank.

(5) Remove the 2 nuts, 2 spacers, and washers that secure the 2 retaining straps to the rear tank brace. When straps are loose at rear, the tank will drop down.

(6) Disconnect fuel line from top of tank and remove tank.

(7) Remove 2 nuts, spacers, and washers that secure retaining straps to the front brace and remove the straps.

(8) Remove the 6 screws and washers that secure the fuel gage to the tank and lift out gage.

*c. Cleaning and Inspection.*

(1) Clean all parts with approved cleaning solvent and flush out any dirt and foreign particles from inside the tank.

(2) Inspect tank for dents, rust, cracks, and other damage. Inspect straps for defects and damaged or missing hardware. Inspect fuel gage for damage and proper operation.

(3) Replace defective or missing parts as necessary.

*d. Installation.*

(1) Install the fuel gage in the tank and secure with 6 screws and washers.

(2) Secure the 2 retaining straps to the front brace with the 2 nuts, spacers, and washers.

(3) Place the tank under the trailer and connect the engine fuel line. Use a jack or other means to lift the tank and hold it in position while the retaining straps are being installed.

(4) Secure the 2 straps to the rear brace with 2 nuts, spacers, and washers.

(5) Connect the breather line to the fuel tank.

(6) Install the hose between the tank and filler neck and secure with 2 clamps.

(7) Connect the fuel gage ground wire.

(8) Fill fuel tank.

## Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

### 18-12. Generator Sets

a. *Removal.* Refer to figure 18-6 as a guide and perform the following steps:

- (1) Disconnect the fuel lines.
- (2) Disconnect the electrical leads and load cables.
- (3) Disconnect the oil drain adapter.
- (4) Remove the 8 bolts that secure the generator sets to the trailer and remove the generator sets.

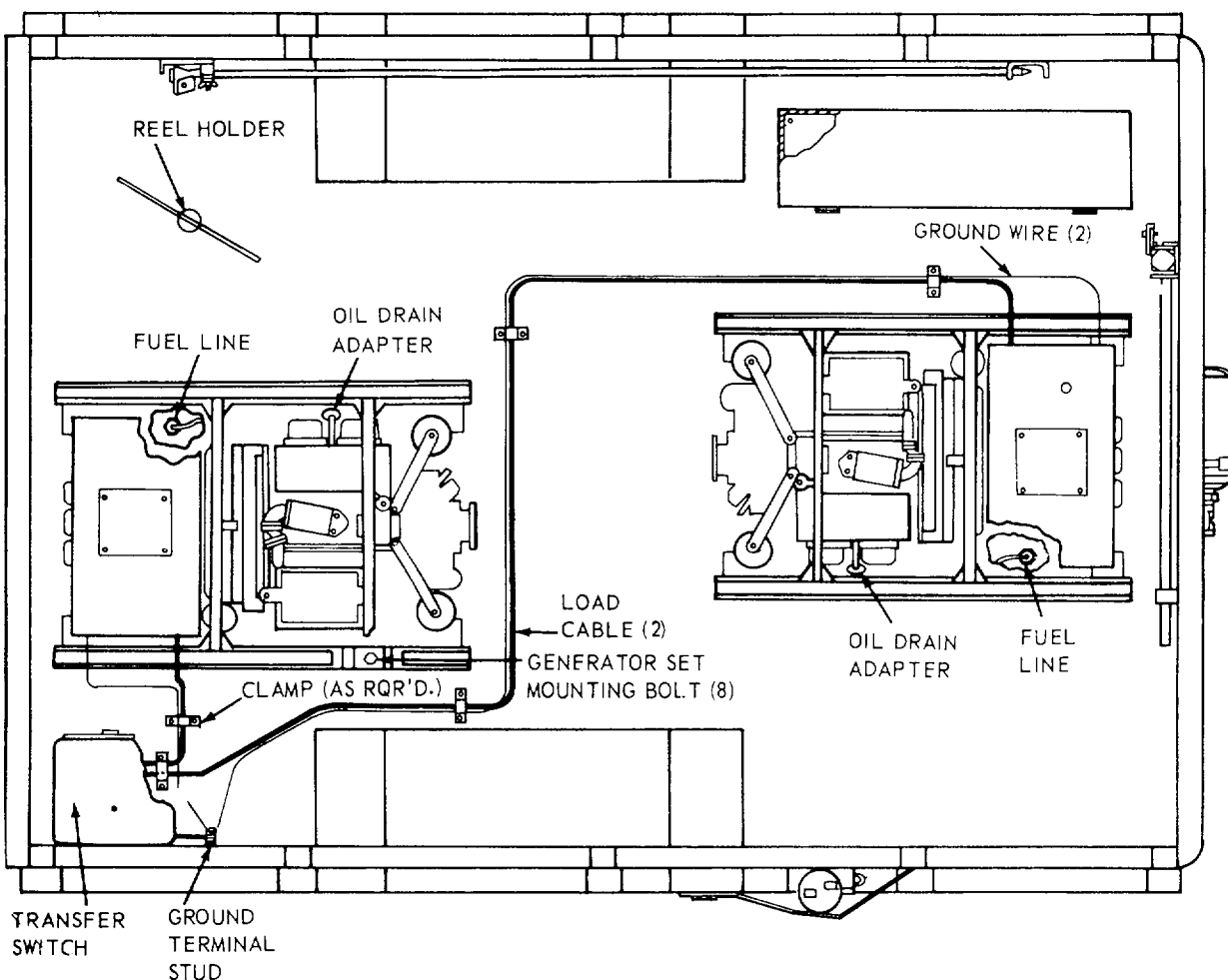
b. *Installation.* Using figure 18-6 as a guide, perform the following steps:

- (1) Secure the generator sets to the trailer bed with the mounting hardware.
- (2) Connect the oil drain adapter.
- (3) Connect the electrical leads and cables.
- (4) Connect the fuel lines.

### 18-13. Generator Transfer Switch

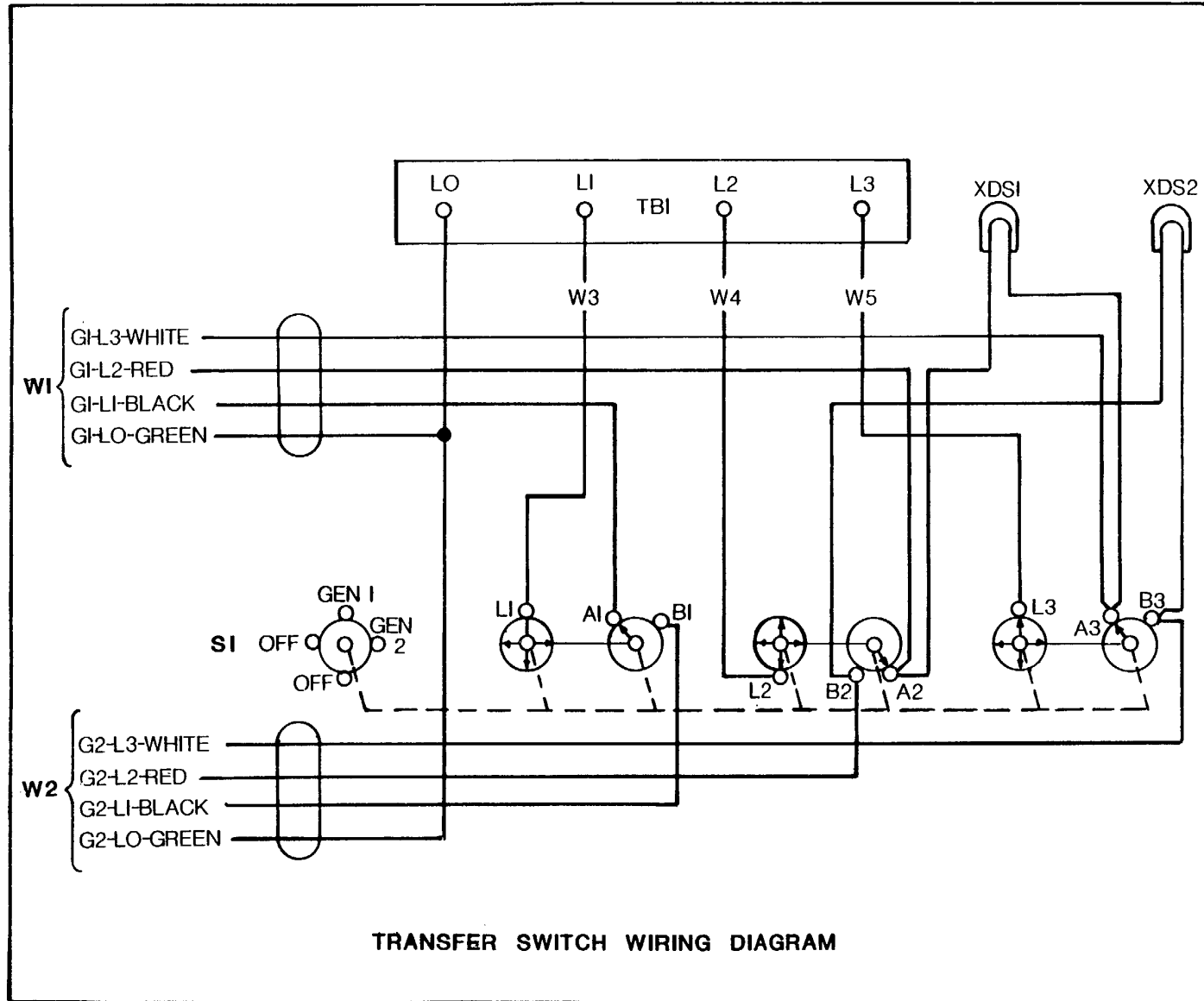
a. *Removal and Disassembly.*

- (1) Tag and disconnect leads from the output terminals to load.
- (2) Remove and disassemble the transfer switch as illustrated in figure 18-5.



ME 6115-365-15/18-6 C2

Figure 18-6. PU-628/G overall component location diagram.



ME 6115-365-15/18-7 Q1

Figure 18-7. Transfer switch wiring diagram

*b. Reassembly and Installation.*

(1) Reassemble and install the transfer switch as illustrated in figure 18-5.

(2) Connect load connections (Fig. 18-7).

**18-14. Tarpaulin, Roof Bows, Racks, and Leg Prop**

*a. Removal.* Remove the tarpaulin, roof bows, racks, and leg prop (para 18-10).

*b. Repair.*

(1) Patch or sew rips and tears in the

tarpaulin. Replace damaged or missing ropes or straps. Replace a tarpaulin that is too badly damaged to be repaired.

(2) Weld minor cracks or breaks in the bows and leg prop. Straighten bent bows where possible. Replace defective or missing pins and hardware. Replace bows, racks, or leg prop that are damaged beyond repair.

*c. Installation.* Install racks, roof bows, and leg prop, and install tarpaulin (para 18-10).

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION		
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.	
		REF NUMBER & MFG CODE			1-5	6-20	21-50	51-100			
		PART I REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE GROUP 01 - ENGINE 0106 - ENGINE LUBRICATION SYSTEM									
00001 00002 O	4730-270-4581	ADAPTER: 1/2-10 x 1/4-18	EA	2	*	*	*	*			
00003 P O	4730-908-3194	CLAMP MS35842-11 (96906)	EA	4	*	*	*	*			
00004 O	4820-277-1765	COCK, PLUG, SPRING KEY: 1/4-18 x 1/4-18	EA	2	*	*	*	*			
00005 O	4730-278-6317	COUPLING: 1/4 IN.	EA	2	*	*	*	*			
00006 M O		HOSE: 1/2-10 x 10 In., 20 in. lg SAEJ30CL30RS (81343)	EA	2							
00007 P O	4730-684-6032	MANUFACTURE FROM: HOSE (10 In. required for each HOSE ASSEMBLY)	FT	AR		SEE	GRP	9501			
00008 O	5310-584-5272	LOCKWASHER	EA	2	*	*	*	*			
00009 O	4730-196-1465	NIPPLE, CLOSE	EA	2	*	*	*	*			
00010 X2 O		NIPPLE: 1/4 x 1-1/2 In. lg WWN351 (81348)	EA	2							
00011 O	5310-282-7818	NUT	EA	2	*	*	*	*			
00012 X2 O	5330-684-3430	"O" RING MS28775-013 (96906)	EA	2							
00013 O	4730-277-6447	UNION, BULKHEAD	EA	2	*	*	*	*			
00014 00015 00016		GROUP 03 - FUEL SYSTEM 0306 - TANKS, LINES, FITTINGS, AND HEADERS									
X2 O 00017		BRACKET, FILLER MOUNTING 13205E5080 (97403)	EA	1					18-10	8	
P O 00018	2910-911-0081	CAP, FUEL TANK: tactical vehicle fording MS35645-2 (96906)	EA	1	*	*	*	*	18-10	12	
X2 O 00019		CLAMP, HOSE: 1-13/16-2-3/4 range MS35842-13 (96906)	EA	2					18-10	43	
X2 O 00020		CLAMP, HOSE: 7/16-25/32 range MS35842-10 (96906)	EA	2					18-10	34	
X2 O 00021		CLAMP, LOOP, CUSHIONED: 3/4 od MS21104D12 (96906)	EA	1					18-10	30	
X2 O 00022		CLAMP, LOOP, CUSHIONED: 5/16 od MS21104D5 (96906)	EA	2					18-10	42	
X2 O 00023		CLAMP, LOOP, CUSHIONED: 5/16 od MS21104D5 (96906)	EA	3					18-10	48	
X2 O 00024		FITTING BULK HEAD: 37 degrees, 1/2-20 x 1/2 SAEJ514AF10C (81343)	EA	2					18-9	19	
X2 O 00025		FILLER, FUEL TANK 13205E5081 (97403)	EA	1					18-10	13	
X2 O 00026		GROMMET, RUBBER: 3/4 hole diagram MS35489-120 (96906)	EA	1					18-10	28	
X2 O 00027		GUARD, FUEL GAGE 13205E5083 (97403)	EA	1					18-10	14	
P O 00028	4720-580-6659	HOSE ASSEMBLY: detachment, 5/16 od x 18 lg MS28741-5-0180 (96906)	EA	2	*	*	*	*	18-9	28	

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
P O 00029		HOSE ASSEMBLY: detachment, 5/16 od x 56 lg MS28741-5-0580 (96906)	EA	1	*	*	*	*	18-10	38
P O 00030		HOSE ASSEMBLY: detachment, 5/16 tube x 88 lg MS28741-5-0880 (96906)	EA	1	*	*	*	*	18-10	49
M O 00031		HOSE, FUEL MANUFACTURE FROM:	EA	1					18-10	44
P O 00032		HOSE (3 in. required) SAEJ30CLASS30R2TYPE2 (81343)	FT			SEE	GRP	9501		
X2 O 00033		HOSE, RUBBER: 1/2 nominal id x 3/4 od x 24 MILH13444 (81348)	EA	1					18-10	29
X2 O 00034		LOCKNUT: 37 deg flare, 1/2-20 UNF-28 SAEJ514AF10A (81343)	EA	2					18-9	21
X2 O 00035		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2					18-10	7
X2 O 00036		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	3					18-10-	11
X2 O 00037		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	4					18-10	17
X2 O 00038		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	2					18-10	3
X2 O 00039		NUT, SELF-LOCKING, HEXAGON: 10-32 UNF-3B MS21044N3 (96906)	EA	1					18-10	33
X2 O 00040		NUT, SELF-LOCKING, HEXAGON:10-32 UNF-3B MS21044N3 (96906)	EA	2					18-10	39
X2 O 00041		NUT, SELF-LOCKING, HEXAGON: 10-32 UNF-3B MS21044N3 (96906)	EA	3					18-10	45
X2 O 00042		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 in. 19g MS90725-8 (96906)	EA	2					18-10	5
X2 O 00043		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 5/8 MS90725-5 (96906)	EA	4					18-10	15
X2 O 00044		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 7/8 MS90725-7 (96906)	EA	3					18-10	9
X2 O 00045		SCREW, MACHINE: pan head, 10-32 x 5/8 MS35207-264 (96906)	EA	1					18-10	31
X2 O 00046		SCREW, MACHINE: pan head, 10-32 UNF x 5/8 MS35207-264 (96906)	EA	2					18-10	41
X2 O 00047		SCREW, MACHINE: pan head, 10-32 x 5/8 lg MS35207-264 (96906)	EA	3					18-10	47
X2 O 00048		STRAP, FUEL TANK 13205E5082 (97403)	EA	1					18-10	4
P O 00049		TANK ASSEMBLY, FUEL: 2 filters 13216E7451-2 (97403)	EA	1	*	*	*	*	18-10	59
X2 O 00050		WASHER, FLAT, ROUND MS27183-15 (96906)	EA	2					18-10	2
X2 O 00051		WASHER, FLAT, ROUND: 1/2 BSC size MS27183-18 (96906)	EA	2					18-10	60
X2 O 00052		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	3					18-10	10
X2 O 00053		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2					18-10	6
X2 O 00054		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	4					18-10	16

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00055	5340-999-6277	WASHER, FLAT, ROUND: 10-32 BSC size MS27183-8 (96906)	EA	1					18-10	32
X2 O 00056		WASHER, FLAT, ROUND: 10-32 BSC size MS27183-8 (96906)	EA	2					18-10	40
X2 O 00057		WASHER, FLAT, ROUND: 10-32 BSC size MS27183-8 (96906)	EA	3					18-10	46
00058		GROUP 15 - FRAME, TOWING ATTACHMENT AND DRAWBAR 1501 - FRAME ASSEMBLY								
00059		BRACKET ASSEMBLY, SLEDGE HAMMER 1314E1214 (97403)	EA	1					18-9	13
00060		BRACKET, FUEL TANK MOUNTING 13205E4953 (97403)	EA	2					18-10	58
X2 O 00061		BRACKET, FUEL TANK MOUNTING 13205154952 (97403)	EA	2					18-10	57
X2 O 00063		BRACKET, GROUND, ROD 13214E1417 (97403)	EA	1					18-9	9
X2 O 00064		BRACKET, GROUND, ROD 13214E1415 (97403)	EA	1					18-9	44
X2 O 00065		CLAMP, CABLE 13212E3572 (97403)	EA	1					18-9	40
X2 O 00066		CLAMP, CABLE 13212E3573 (97403)	EA	4					18-9	49
X2 O 00067		CLAMP, GROUND, ROD 13212E2617-1 (97403)	EA	1					18-9	48
00068		CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1					18-9	22
X2 O 00069		HOLDDOWN, REEL 13214E1426-3 (97403)	EA	1					18-9	53
00070		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	4					18-10	19
X2 O 00071		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	8					18-9	52
X2 O 00072		NUT, SELF-LOCKING, HEXAGON: 1/4 UNC-2B MS51922-1 (96906)	EA	2					18-9	45
X2 O 00073		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	1					8-9	25
X2 O 00074		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B M551922-1 (96906)	EA	2					18-9	12
X2 O 00075		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-17 (96906)	EA	2					18-9	16
X2 O 00076		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	2					18-9	39
X2 O 00077		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	2					18-10	22
00078		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	2					18-10	22
X2 O 00079		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	3					18-10	52
00080		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	4					18-10	60
X2 O 00081										

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00082		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	3					18-1	37
X2 O 00083		NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC-28 MS51922-9 (96906)	EA	1					18-9	66
X2 O 00084		PLATE, CABLE MOUNTING 13205E5133 (97403)	EA	1					18-1	63
X2 O 00085		SCREW, MACHINE: 1/4-20 UNC x 1 lg MS35190-291 (96906)	EA	2					18-9	47
X2 O 00086		SCREW, MACHINE: 1/4-20 x 1 LG MS35190-291 (96906)	EA	2					18-9	10
X2 O 00087		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 lg MS90725-8 (96906)	EA	2					18-9	41
X2 O 00088		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 lg MS590725-8 (96906)	EA	8					18-9	50
X2 O 00089		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 MS90725-6 (96906)	EA	2					18-9	14
X2 O 00090		SCREW, CAP, HEXAGON HEAD: 3/4-20 x 3/4 MS90725-6 (96906)	EA	1					18-9	23
X2 O 00091		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 7/8 MS590725-7 (96906)	EA	4					18-10	18
X2 O 00092		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3					18-10	50
X2 O 00093		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3					18-10	35
X2 O 00094		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-3/14 MS90725-65 (96906)	EA	2					18-10	20
X2 O 00095		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 2-1/4 MS90725-67 (96906)	EA	2					18-10	20
X2 O 00096		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 7/8 MS90725-33 (96906)	EA	1					18-10	64
X2 O 00097		SHIELD 13205E4951 (97403)	EA	1					18-10	62
X2 O 00098		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	4					18-9	20
X2 O 00099		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	8					18-9	51
X2 O 00100		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2					18-9	46
X2 O 00101		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	1					18-9	24
X2 O 00102		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2					18-9	11
X2 O 00103		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2					18-9	15
X2 O 00104		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2					18-9	42
X2 O 00105		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	6					18-10	51
X2 O 00106		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	4					18-10	6
X2 O 00107		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	3					18-10	36



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00108	2590-420-8929	WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	2					18-10	21
X2 O 00109		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	2					18-10	21
X2 O 00110		WASHER, FLAT, ROUND: 5/16 BSC size MS27183-12 (96906)	EA	1					18-10	65
00111		1507 - LANDING GEAR, LEVELING JACKS								
P O 00112		TRAILER LEG PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	*	*	18-10	67
00113	5120-265-7462	GROUP 22 - BODY, CHASSIS OR HULL, AND ACCESSORY ITEMS 2202 - ACCESSORY ITEMS								
00114		ACCESSORY BOX 13205E4949 (97403)	EA	1					18-9	8
X2 O 00115		HAMMER HAND: double face, 8 lb GGGH86TYPE10CLASS1 (81348)	EA	1	*	*	*	*	18-9	17
P C 00116		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	4					18-9	7
00117		ROD, GROUND: 3 ft section w/attachment MILR11461 (81348)	EA	2	*	*	*	*	18-9	54
X2 O 00118	5975-878-3791	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 MS90725-6 (96906)	EA	4					18-9	5
X2 O 00119		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-1 (96906)	EA	4					18-9	6
00120		2210 - DATA PLATES								
00121		PLATE, IDENTIFICATION 13205E4916-21 (97403)	EA	1					18-9	26
X2 O 00122		PLATE, IDENTIFICATION, GROUND TERMINAL 13205E40918 (97403)	EA	1					18-10	1
00123		GROUP 40 - GENERATORS 4000 - MOTOR GENERATOR								
00124		NUT, SELF-LOCKING, HEXAGON: 1/2-13 UNC-2B MS51922-33 (96906)	EA	8					18-10	26
00125		SCREW, CAP, HEXAGON HEAD: 1/2-13 x 1-3/4 lg MS90725-114 (96906)	EA	8					18-10	24
X2 O 00126		WASHER 13205E4956 (97403)	EA	6					18-10	23
X2 O 00127		WASHER, BEVELED 13206E4482-2 (97403)	EA	8					18-10	27
00128		WASHER, FLAT, ROUND: 1/2 BSC size MS27183-18 (96906)	EA	8					18-10	25
00129		4019 - RADIO INTERFERENCE SUPPRESSION								
X2 O 00130		NUT, PLAIN, HEXAGON: 3/8-16 UNC-2B MS16203-27 (96906)	EA	1					18-9	38
00131		NUT, PLAIN, HEXAGON: 3/8-16 UNC-2B MS16203-27 (96906)	EA	1					18-9	30
X2 O 00132		NUT, PLAIN, HEXAGON: 3/8-16 UNC-2B MS16203-39 (96906)	EA	2					18-9	36
00133		NUT, PLAIN, WING: 3/8-16 UNC-2B MS35425-28 (96906)	EA	1					18-9	34
X2 O 00134										
00135										

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 X 3/4	EA	1					18-9	27
00136		MS35309-358 (96906)								
X2 O		STUD, GROUNDING	EA	2					18-9	37
00137		13213E1223 (97403)								
X2 O		TERMINAL, LUG	EA	3					18-9	32
00138		MS20659-110 (96906)								
X2 O		TERMINAL, LUG: No. 6 AWG, 3/8 stud	EA	1					18-9	31
00139		MS20659-110 (96906)								
X2 O		WASHER, FLAT, ELECTRIC: 3/8 thd size	EA	4					18-9	35
00140		AN961-616 (88044)								
X2 O		WASHER, FLAT: 3/8 thd size	EA	1					18-9	29
00141		AN961-616 (88044)								
X2 O		WASHER, LOCK: 3/8 nominal size	EA	2					18-9	33
00142		MS35335-91 (96906)								
00143		GROUP 42 - ELECTRICAL EQUIPMENT								
00144		4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES								
X2 O		NUT PLATE, REEL HOLDDOWN	EA	1					18-9	4
00145		13205E4948 (97403)								
X2 O		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B	EA	4					18-10	55
00146		MS51922-17 (96906)								
X2 O		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B	EA	4					18-9	1
00147		MS1922-1 (96906)								
X2 O		PLATE	EA	1					18-10	56
00148		13212E3569 (97403)								
X2 O		SCREW, CAP, HEXAGON: 1/4-20 3/4	EA	4					18-9	3
00149		MS90725-6 (96906)								
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1-1/4	EA	4					18-10	53
00150		MS90725-62 (96906)								
X2 O		WASHER, FLAT, ROUND	EA	4					18-9	2
00151		MS27183-11 (96906)								
X2 O		WASHER, FLAT, ROUND: 3/8 BSC size	EA	4						
00152		MS27183-15 (96906)								
00153		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS								
00154		7638 - PORTABLE FIRE FIGHTING EQUIPMENT								
P C	4210-555-8837	EXTINGUISHER, FIRE: 2-3/4 w/bracket	EA	1	*	*	*	*	18-9	18
00155		MIL-E52031 (81349)								
00156		GROUP 95 - GENERAL USE STANDARDIZED PARTS								
00157		9501 - BULK MATERIEL								
P O	4730-684-6032	HOSE	FT		*	*	*	*		
00158		SAEJ30CLASS30TYPE1								
P O		HOSE, FUEL: 2-1/2 od x 3 in. lg	EA	1	*	*	*	*		
00159		SAEJ30CLASS30R2TYPE2 (81343)								

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  ref NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00001		PART II												
00002		REPAIR PARTS FOR DS, OS, AND												
		DEPOT MAINTENANCE												
		GROUP 01 - ENGINE												
		0106 - ENGINE LUBRICATION SYSTEM												
O	4730-270-4581	ADAPTER: 1/2-10 x 1/4-18	EA	2	*	*	*	*	*	*	*	*		
00003														
P O	4730-908-3194	CLAMP	EA	4	*	*	2	*	*	2	10	10		
00004		MS35842-11 (96906)												
O	4820-277-1765	COCK, PLUG, SPRING KEY: 1/4-18 x 1/4-18	EA	2	*	*	*	*	*	*	*	*		
00005														
O	4730-278-6317	COUPLING: 1/4 IN.	EA	2	*	*	*	*	*	*	*	*		
00006														
M O		HOSE: 1/2-10 x 10 in., 20 in lg	EA	2										
00007		SAEJ30CL30RS (81343)												
		MANUFACTURE FROM:												
P O	4730-684-6032	HOSE (10 in. required for each HOSE												
00008		ASSEMBLY)	FT	AR				SEE GRP	9501					
O	5310-584-5272	LOCKWASHER	EA	2	*	*	*	*	*	*	*	*		
O0009														
O	4730-196-1465	NIPPLE, CLOSE	EA	2	*	*	*	*	*	*	*	*		
00010														
X2 O		NIPPLE: 1/4 x 1-1/2 in. lg	EA	2										
00011		WWN351 (81348)												
O	5310-282-7818	NUT	EA	2	*	*	*	*	*	*	*	*		
00012														
X2 O	5330-684-3430	"O" RING	EA	2										
00013		MS28775-013 (96906)												
O	4730-277-6447	UNION, BULKHEAD	EA	2	*	*	*	*	*	*	*	*		
00014														
00015		GROUP 03 - FUEL SYSTEM												
00016		0306 - TANKS, LINES, FITTINGS, AND HEADERS												
X2 O		BRACKET, FILLER MOUNTING	EA	1									18-10	8
00017		13205E5080 (97403)												
P O	2910-911-0081	CAP, FUEL TANK: tactical vehicle fording	EA	1	*	*	2	*	*	2	10	10	18-10	12
00018		MS35645-2 (96906)												
X2 O		CLAMP, HOSE: 1-13/16-2-3/4 range	EA	2									18-10	43
00019		MS35842-13 (96906)												
X2 O		CLAMP, HOSE: 7/16-25/32, range	EA	2									18-10	34
00020		MS35842-10 (96906)												
X2 O		CLAMP, LOOP, CUSHIONED: 3/4 od	EA	1									18-10	30
00021		MS21104D12 (96906)												
X2 O		CLAMP, LOOP, CUSHIONED: 5/16 od	EA	2									18-10	42
00022		MS21104D5 (96906)												
X2 O		CLAMP, LOOP, CUSHIONED: 5/16 od	EA	3									18-10	48
00023		MS21104D5 (96906)												
X2 O		FITTING, BULK HEAD: 37 degrees, 1/2-20 x												
00024		1/2	EA	2									18-9	19
		SAEJ514AF10C (81343)												
X2 O		FILLER, FUEL TANK	EA	1									18-10	13
00025		13205E5081 (97403)												
X2 O		GROMMET, RUBBER: 3/4 hole diagram	EA	1									18-10	28
00026		MS35489-120 (96906)												
X2 O		GUARD, FUEL GAGE	EA	1									18-10	14
00027		13205E5083 (97403)												

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
P O 00028	4720-580-6659	HOSE ASSEMBLY: detachment, 5/16 od x 18 lg MS28741-5-0180 (96906)	EA	2	*	*	2	*	*	2	10	10	18-9	28
P O 00029		HOSE ASSEMBLY: detachment, 5/16 od x 56 lg MS28741-5-0580 (96906)	EA	1	*	*	2	*	*	2	10	10	18-10	38
P O 00030		HOSE ASSEMBLY: detachment, 5/16 tube x 88 lg MS28741-5-0680 (96906)	EA	1	*	*	2	*	*	2	10	10	18-10	49
P O 00031		HOSE, FUEL MANUFACTURE FROM:	EA	1									18-10	44
P O 00032		HOSE (3 in. required) SAEJ30CLASS30R2TYPE2 (81343)	FT					SEE	GRP	9501				
X2 O 00033		HOSE, RUBBER: 1/2 nominal id x 3/4 od x 24 MILH13444 (81348)	EA	1									18-10	29
X2 O 00034		LOCKNUT: 37 deg flare, 1/2-20 UNF-2B SAEJ514AFIG10A (81343)	EA	2									18-9	21
X2 O 00035		NUT, SELF-LOCKING, HEXAGON: 1/4-20 MS51922-1 (96906)	EA	2									18-10	7
X2 O 00036		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	3									18-10	11
X2 O 00037		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	4									18-10	17
X2 O 00038		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	2									18-10	3
X2 O 00039		NUT, SELF-LOCKING, HEXAGON: 10-32 UNF-3B MS21044N3 (96906)	EA	1									18-10	33
X2 O 00040		NUT, SELF-LOCKING, HEXAGON: 10-32 UNF-3B MS21044N3 (96906)	EA	2									18-10	39
X2 O 00041		NUT, SELF-LOCKING, HEXAGON: 10-32 UNF-3B MS21044N3 (96906)	EA	3									18-10	45
X2 O 00042		SCREW, CAP, HEXAGON, HEAD: 1/4-20 x 1 in. lg MS90725-8 (96906)	EA	2									18-10	5
X2 O 00043		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 5/8 MS90725-5 (96906)	EA	4									18-10	15
X2 O 00044		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 7/8 MS90725-7 (96906)	EA	3									18-10	9
X2 O 00045		SCREW, MACHINE: pan head, 10-32 x 5/8 MS35207-264 (96906)	EA	1									18-10	31
X2 O 00046		SCREW, MACHINE: pan head, 10-32 UNF x 5/8 MS35207-264 (96906)	EA	2									18-10	41
X2 O 00047		SCREW, MACHINE: pan head, 10-32 x 5/8 lg MS35207-264 (96906)	EA	3									18-10	47
X2 O 00048		STRAP, FUEL TANK 13205E5082 (97403)	EA	1									18-10	4
P O 00049		TANK ASSEMBLY, FUEL: 2 filters 13216E7451-2 (97403)	EA	1	*	*	2	*	*	2	10	10	18-10	59
X2 O 00050		WASHER, FLAT, ROUND MS27183-15 (96906)	EA	2									18-10	2
X2 O 00051		WASHER, FLAT, ROUND: 1/2 BSC size MS27183-18 (96906)	EA	2									18-10	60

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)		
					30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100					
X2 O 00052	5340-999-6277	WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	3									18-10	10	
X2 O 00053		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2									18-10	6	
X2 O 00054		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	4									18-10	16	
X2 O 00055		WASHER, FLAT, ROUND: 10-32 BSC size MS27183-8 (96906)	EA	1									18-10	32	
X2 O 00056		WASHER, FLAT, ROUND: 10-32 BSC size MS27183-8 (96906)	EA	2									18-10	40	
X2 O 00057		WASHER, FLAT, ROUND: 10/32 BSC size MS27183-8 (96906)	EA	3									18-10	46	
00058		GROUP 15 - FRAME, TOWING ATTACHMENT AND DRAWBAR 1501 - FRAME ASSEMBLY													
X2 O 00060		2590-932-7298	BRACKET ASSEMBLY, SLEDGE HAMMER 1314E1214 (97403)	EA	1									18-9	13
X2 O 00061			BRACKET, FUEL TANK MOUNTING 13205E4953 (97403)	EA	2									18-10	58
X2 O 00063			BRACKET, FUEL TANK MOUNTING 13205154952 (97403)	EA	2									18-9	57
X2 O 00064	BRACKET, GROUND ROD 13214E1417 (97403)		EA	1									18-9	9	
X2 O 00065	BRACKET, GROUND ROD 13214E1415 (97403)		EA	1									18-9	44	
X2 O 00066	CLAMP, CABLE 13212E3572 (97403)		EA	1									18-9	40	
X2 O 00067	CLAMP, CABLE 13212E3573 (97403)		EA	4									18-9	49	
X2 O 00068	5340-914-2578		CLAMP, GROUND ROD 13212E3617-1 (97403)	EA	1									18-9	48
X2 O 00069			CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1									18-9	22
X2 O 00070			HOLDDOWN, REEL 13214E1426-3 (97403)	EA	1									18-9	53
X2 O 00071		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	4									18-10	19	
X2 O 00072		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	8									18-9	52	
X2 O 00073		NUT, SELF-LOCKING, HEXAGON: 1/4 UNC-2B MS51922-1 (96906)	EA	2									18-9	45	
X2 O 00074		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	1									18-9	25	
X2 O 00075		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	2									18-9	12	
X2 O 00076		NUT, SELF-LOCKING , HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	2									18-9	16	
X2 O 00077		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	2									18-9	39	

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)	
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  USABLE  ON CODE  REF NUMBER & MFR CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
					ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
X2 O 00078		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	2									18-10	22
X2 O 00079		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	2									18-10	22
X2 O 00080		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	3									18-10	52
X2 O 00081		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	4									18-10	60
X2 O 00082		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	3									18-10	37
X2 O 00083		NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC-2B MS51922-9 (96906)	EA	1									18-10	66
X2 O 00084		PLATE, CABLE MTG. 13205E5133 (97403)	EA	1									18-10	63
X2 O 00085		SCREW, MACHINE: 1/4-20 UNC x 1 lg MS35190-291 (96906)	EA	2									18-9	47
X2 O 00086		SCREW, MACHINE: 1/4-20 x 1 lg MS35190-291 (96906)	EA	2									18-9	10
X2 O 00087		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 lg MS90725-8 (96906)	EA	2									18-9	41
X2 O 00088		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1 lg MS90725-8 (96906)	EA	8									18-9	50
X2 O 00089		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 MS90725-6 (96906)	EA	2									18-9	14
X2 O 00090		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 MS90725-6 (96906)	EA	1									18-9	23
X2 O 00091		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 7/8 MS90725-7 (96906)	EA	4									18-10	18
X2 O 00092		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3									18-10	50
X2 O 00093		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-1/4 MS90725-62 (96906)	EA	3									18-10	35
X2 O 00094		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1-3/4 MS90725-65 (96906)	EA	2									18-10	20
X2 O 00095		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 2-1/4 MS90725-67 (96906)	EA	2									18-10	20
X2 O 00096		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 7/8 MS90725-33 (96906)	EA	1									18-10	64
X2 O 00097		SHIELD 13205E4951 (97403)	EA	1									18-10	62
X2 O 00098		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	4									18-9	20
X2 O 00099		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	8									18-9	51
X2 O 00100		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2									18-9	46
X2 O 00101		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	1									18-9	24
X2 O 00102		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2									18-9	11
X2 O 00103		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2									18-9	15

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00104	2590-420-8929	WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	2									18-9	42
X2 O 00105		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	6									18-10	51
X2 O 00106		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	4									18-10	61
X2 O 00107		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	3									18-10	36
X2 O 00108		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	2									18-10	21
X2 O 00109		WASHER, FLAT, ROUND: 3/8 BSC size MS27183-15 (96906)	EA	2									18-10	21
X2 O 00110		WASHER, FLAT, ROUND: 5/16 BSC size MS27183-12 (969006)	EA	1									18-10	65
X2 O 00111		1507 - LANDING GEAR, LEVELING JACKS												
P O 00112		TRAILER LEG, PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	2	*	*	2	10	10	18-10	67
X2 DR 00115		GROUP 18 - BODY, CAB, HOOD, AND HULL 1810 - CARGO BODY												
X2 DR 00116		TRAILER 13205E4955 (97403)	EA	1									18-9	55
X2 O 00117	2330-738-9509	GROUP 22 - BODY, CHASSIS OR HULL, AND ACCESSORY ITEMS 2202 - ACCESSORY ITEM												
X2 O 00118		ACCESSORY BOX 13205E4949 (97403)	EA	1									18-9	8
P C 00119		HAMMER HAND: double face, 8 lb GGGH86TYPE10CLASS1 (81348)	EA	1	*	*	2	*	*	2	10	10	18-9	17
X2 O 00120		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	4									18-9	7
P C 00121	5975-878-3791	ROD, GROUND: 3 ft section w/attachment MILR11461 (81348)	EA	2	*	*	2	*	*	2	10	10	18-9	54
X2 O 00122		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 MS90725-6 (96906)	EA	4									18-9	5
X2 O 00123		WASHER, FLAT, ROUND: 1/4 BSC size MS27183-11 (96906)	EA	4									18-9	6
X2 O 00124		2210 - DATA PLATES												
X2 O 00125		PLATE, IDENTIFICATION 13205E4916-21 (97403)	EA	1									18-9	26
X2 O 00126		PLATE, IDENTIFICATION, GROUND TERMINAL 13205E40918 (97403)	EA	1									18-10	1
X2 F 00127		PLATE, INFORMATION WIRING DIAGRAM 13212E1499 (97403)	EA	1										
X2 FR 00128		GROUP 40 - GENERATORS 4000 - MOTOR GENERATOR												
X2 FR 00129		GENERATOR SET: 3 kw, 60 hz md MILG52367TYPE1 (81349)	EA	2									18-9	55
X2 O 00130		NUT, SELF-LOCKING, HEXAGON: 1/2-13 UNC-2B MS51922-33 (96906)	EA	8									18-10	26
X2 O 00131														

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O		SCREW, CAP, HEXAGON HEAD: 1/2-13 X 1-3/4 LG MS90725-114 (96906)	EA	8									18-10	24
00132														
X2 O		WASHER 13205E4956 (97403)	EA	6									18-10	23
00133														
X2 O		WASHER, BEVELED 13206E4482-2 (97403)	EA	8									18-10	27
00134														
X2 O		WASHER, FLAT, ROUND: 1/2 BSC SIZE MS27183-18 (96906)	EA	8									18-10	25
00135														
00136		4019 - RADIO INTERFERENCE SUPPRESSION												
X2 O		NUT, PLAIN, HEXAGON: 3/8-16 UNC-3B MS16203-27 (96906)	EA	1									18-9	38
00137														
X2 O		NUT, PLAIN, HEXAGON: 3/8-16 UNC-2B MS16203-27 (96906)	EA	1									18-9	30
00138														
X2 O		NUT, PLAIN, HEXAGON: 3/8-16 UNC-2B MS16203-39 (96906)	EA	2									18-9	36
00139														
X2 O		NUT, PLAIN, WING: 3/8-16 UNC-2B MS35425-28 (96906)	EA	1									18-9	34
00140														
X2 O		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 3/4 MS35309-358 (96906)	EA	1									18-9	27
00141														
X2 O		STUD, GROUNDING 13213E1223(97403)	EA	2									18-9	37
00142														
X2 O		TERMINAL, LUG MS20659-110 (96906)	EA	3									18-9	32
00143														
X2 O		TERMINAL, LUG: No. 6 AWG, 3/8 STUD MS20659-110 (96906)	EA	1									18-9	31
00144														
X2 O		WASHER, FLAT, ELECTRIC: 3/8 THD SIZE AN961-616 (88044)	EA										18-9	35
00145														
X2 O		WASHER. FLAT: 3/8 THD SIZE AN961-616(88044)	EA										18-9	29
00146														
X2 O		WASHER, LOCK: 3/8 NOM. SIZE MS35335-91 (96906)	EA										18-9	33
00147														
00148		GROUP 42- ELECTRICAL EQUIPMENT 4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES												
00149														
X2 F		BOX 13205E5077(97403)	EA	1									18-8	16
00150														
X2 F		COVER 13205E5078(97403)	EA	1									18-8	29
00151														
X2 F		DISTRIBUTION BOX 13205E5079-2 (97403)	EA	1									18-9	43
00152														
A F		CABLE, GENERATOR: No. 1 To Distribution BOX, 2-1/2 FT 13212E3570-2 (97403)	EA	1									18-8	14
00153														
AO F		CABLE, GENERATOR: No. 2 To Distribution BOX, 11 FT 13212E3571-3	EA	1									18-8	15
00154														
M O		CABLE	FT											
00154A		MANUFACTURE FROM: CABLE CO-04HGF (4/10) (81349)	FT	AR	SEE	GROUP	9501							
PA F	5940-143-4794	TERMINAL LUG MS25036-112 (96906)	EA	3									18-8	15B
00154B														



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
PA F 00154C	5940-143-4777	TERMINAL LUG MS25036-157 (96906)	EA	1									18- 8	15C
PA F 00154D 15D	5970-822-2775	INSULATION  M23053/5-110-9 (81349)	FT	1									18- 8	
PA F 00154E	5970-082-3942	INSULATION M23053/5-105-9 (81349)	FT	1									18- 8	15E
X F 00155		GASKET 13212E3610	EA	1									18- 8	17
X2 F 00156		LEAD, ELECTRICAL: NO. W3 13212E3567-1 (97403)	EA	1									18- 8	9
X2 F 00157		LEAD, ELECTRICAL: NO. W4 13212E2567-2 (97403)	EA	1									18- 8	10
X2 F 00158		LEAD, ELECTRICAL: NO. W5 13212E3567-3(97403)	EA	1									18- 8	11
X2 F 00159		LIGHT AND WIRE 13212E3560	EA	2									18- 8	1
X2 F 00160		NUT, PLAIN, HEXAGON MS35649-202 (96906)	EA	6									18- 8	26
X2 F 00161		NUT, PLAIN, HEXAGON: 1/4-20 UNC-2B MS35691-1 (96906)	EA	4									18- 8	8
X2 F 00162		NUT, PLAIN, HEXAGON: 1/4-20 UNC-2B FFN836TYPE2 (81348)	EA	8									18- 8	23
X2 0 00163		NUT PLATE, REEL HOLDDOWN 13205E4948 (97403)	EA	1									18- 9	4
X2 0 00164		NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC-2B MS51922-17 (96906)	EA	4									18- 10	55
X2 0 00165		NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC-2B MS51922-1 (96906)	EA	4									18- 9	1
X2 F 00166		PACKING, PREFORMED, "O" RING MS28775-111 (96906)	EA	1									18- 8	28
X2 F 00167		PACKING, PREFORMED, 'OO' RING MS28775-122 (96906)	EA	2									18- 8	12
X2 F 00168		PACKING, PREFORMED, "O" RING MS28775-011(96906)	EA	4									18- 8	3
X2 0 00169		PLATE 13212E3569 (97403)	EA	1									18- 10	56
X2 0 00170		SCREW, CAP, HEXAGON HEAD: 1/4-20x 3/4 MS90725-6 (96906)	EA	4									18- 9	3
X2 0 00171		SCREW, CAP, HEXAGON HEAD: MS90725-62 (96906)	EA	4									18- 10	53
X2 F 00172		SCREW, MACHINE: PAN HEAD, 1/4-20 x 3/4 MS35206-281 (96906)	EA	4									18- 8	2
X2 F 00173		SCREW, MACHINE: PAN HEAD, 10-24x 1 LG MS35206-267 (96906)	EA	6									18- 8	20
X2 F 00174		SCREW, MACHINE: PAN HEAD, 10-32 x 1/2 LG MS35207-263 (96906)	EA	16									18- 8	4
X2 F 00175		STUFFING, TUBE 13212E3582-4(97403)	EA	2									18- 8	13

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	UNIT OF MEAS	QTY INC  IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
						ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
P2 F 00176 X2 F 00177 X2 F 00178 X2 O 00179 X2 F 00180 X2 F 00181 X2 O 00182 X2 F 00183 X2 F 00184 X2 F  00185 X2 F  00186 X2 F 00187 00188  00189	5930-878-6722	SWITCH, ROTARY: 30 AMP 13205E5022(97403) TERMINAL, BOARD 13212E3606 TERMINAL, LOAD 13208E5820-6 (97403) WASHER, FLAT, ROUND MS271893-11 (96906) WASHER, FLAT, ROUND: 10-32 BSC SIZE MS27183-8 (96906) WASHER, FLAT, ROUND: 10 NOM. SIZE MS27183-8 (96906) WASHER, FLAT, ROUND: 3/8 BSC SIZE MS27183-15(96906) WASHER, LOCK, FLAT: 1/4 NOM. SIZE MS35333-108 (96906) WASHER, FLAT, ROUND: 1/4-20 BSC SIZE MS27183-11 (96906) WASHER, LOCK; SPRING HELICAL, 10 NOM. size MS35338-43 (96906) WASHER, LOCK, SPRING: NO. 10 NOM. SIZE MS35338-43 (96906) WASHER, LOCK; 1/4 NOM. SIZE MS35338-101 (96906) GROUP 76- FIRE FIGHTING EQUIPMENT COMPONENTS 7638 - PORTABLE FIRE FIGHTING EQUIPMENT	EA	1	•	•	•	•			3	2	18- 8	27	
P C 00190 00191  00192 P O 00193 P O 00194 PA F 00195 PA F 00196 PA F 001975	4210-555-8837     4730-684-6032   6145-643-0030 5970-822-2775 5970-082-3942	EXTINGUISHER, FIRE: 2-3/4W/BRACKET MILE52031 (81349) GROUP 95 - GENERAL USE STANDARDIZED PARTS 9501 - BULK MATERIEL  HOSE SAEJ30CLASS30TYPE1 HOSE, FUEL: 2-1/2 OD x 3 IN. LG SAEJ30CLASS30R2TYPE2 (81343) CABLE CO-04HGF (4/10) (81349) INSULATION M23053/5-110-9 (81349) INSULATION M23053/5-105-9 (81349)	EA     FT  EA  EA  FT  FT	1      1  V  V  V	•      •  										

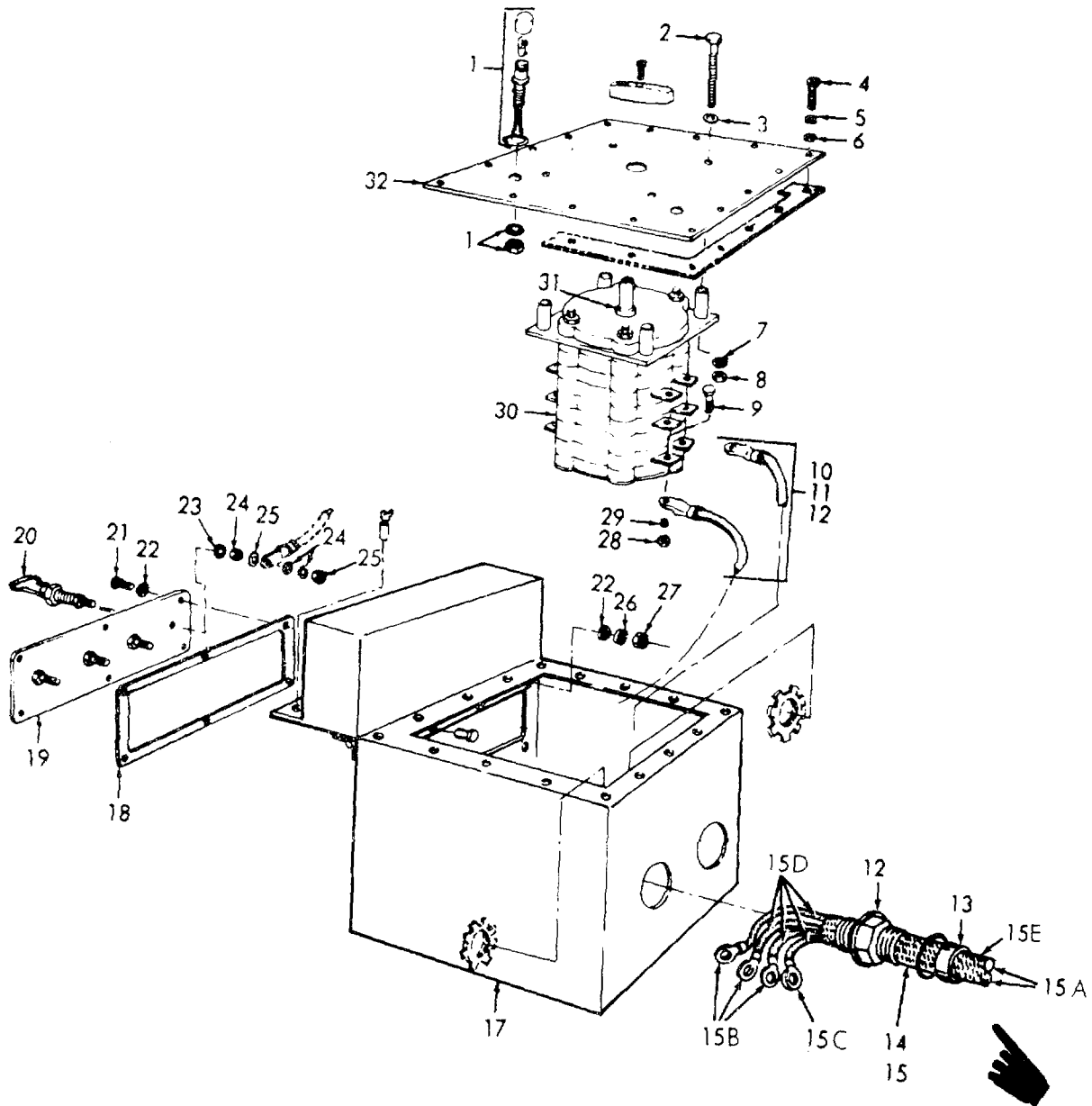
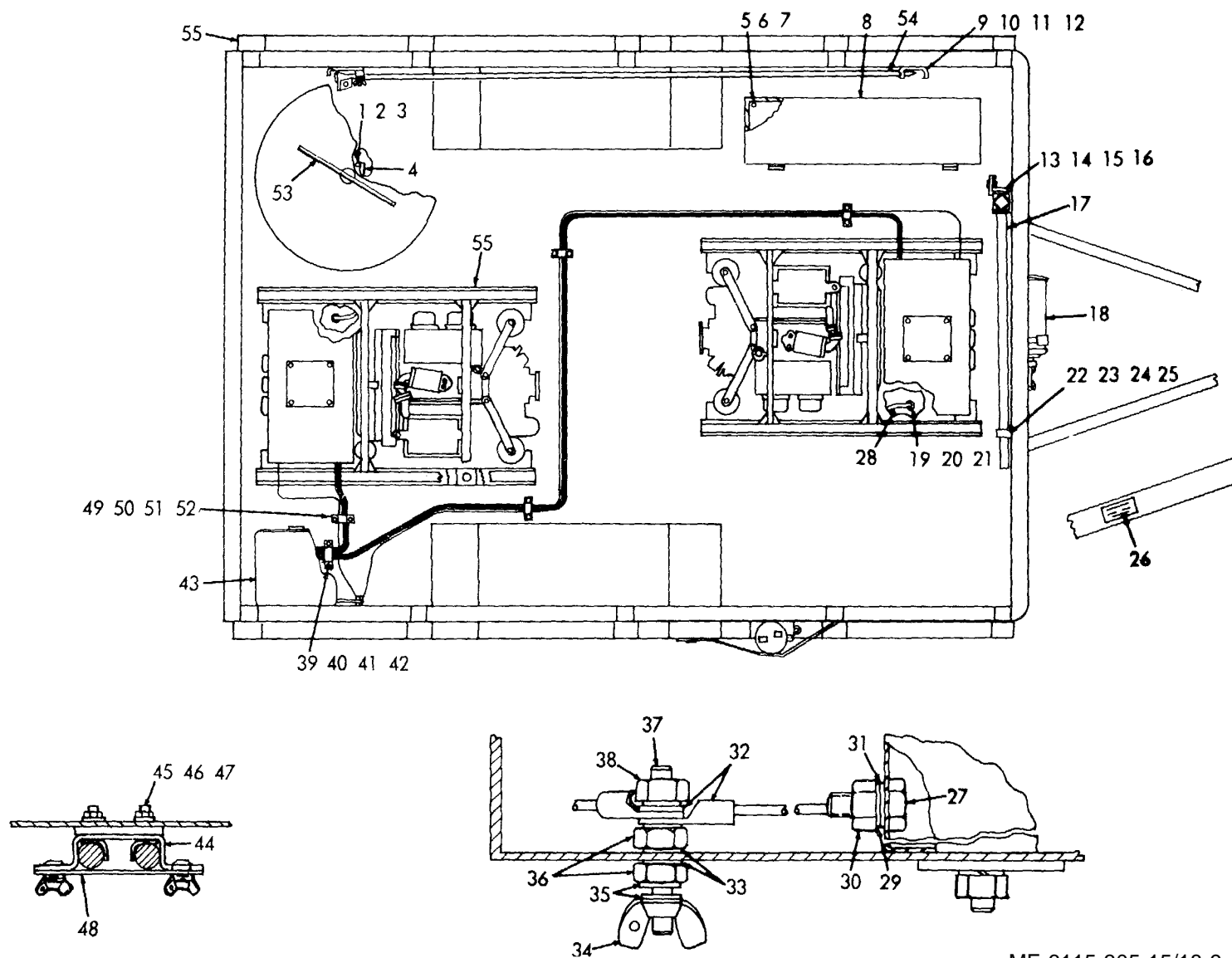


Figure 18-8. Generator transfer switch.



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Figure 18-9. Power unit components.

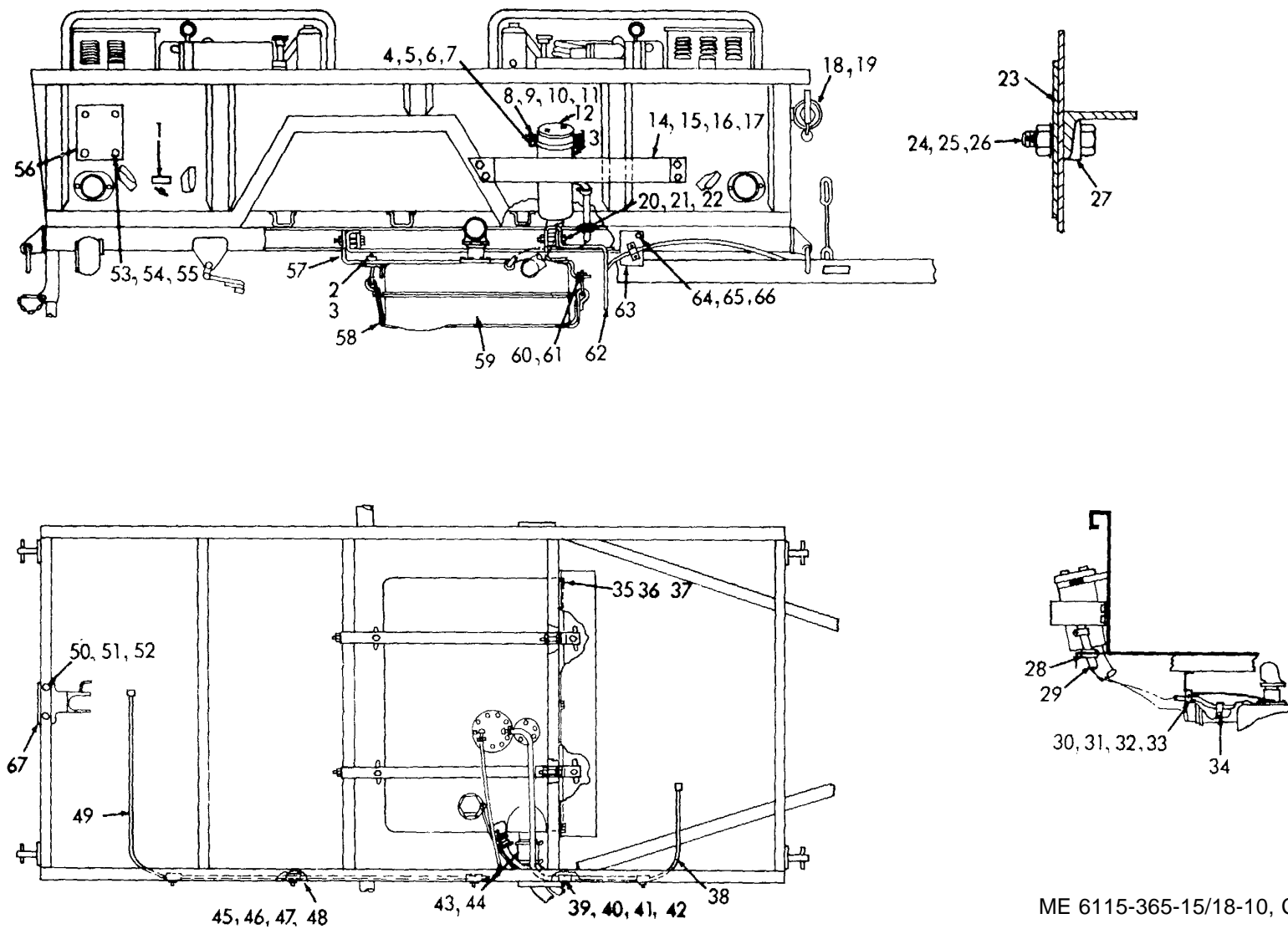


Figure 18-10. Power unit trailer components.

## CHAPTER 19 GENERATOR SET PU-629/G

### Section I. DESCRIPTION AND DATA

#### 19-1. Description

*a. General.* The PU-629/G is a self-contained mobile, general purpose power supply (Fig. 19-1). The set is comprised of two 5 kW Model SF 5.0 MD Military Standard generator sets, mounted on a 1 1/2 ton M103A trailer, and includes the components listed in table 19-1. The generators are powered by directly coupled, 2-cylinder, 10 hp, Military Standard Model 2A042 engines. A power transfer switch is provided for connecting the generator outputs to a common load.

*b. Engines.* For description and maintenance information pertaining to the engines, refer to TM 5-2805-258-14.

*c. Generators.* For description, operation, and maintenance information not covered in this chapter, refer to TM 5-6115-332-14.

*d. Trailer.* For description and trailer maintenance information not covered in this chapter, refer to TM 9-2330-213-14.

*e. Lubrication.* For lubrication information, refer to TM 5-6115-332-14. For engine lubrication instructions, refer to TM 5-2805-258-14 and LO 5-2805-258-12. For trailer lubrication information, refer to LO 9-2330-213-12.

#### 19-2. Tabulated Data

Table 19-1 lists the components for PU-629/G.

*Table 19-1. PU-629/G Components*

FSN	Qty	Nomenclature
2330-141-8052	1	Trailer: M103A
6115-074-8830	2	Generator: 5 kW, Model SF 5.0 MD
2590-741-1037	1	Leg Prop assembly, trailer
4210-555-8837	2	Fire extinguisher
5975-878-3791	2	Ground rod (w/attachments)
5120-265-7462	1	Sledge hammer
FSN not assigned	2	Fuel tank assembly
2540-00-459-5946	1	Tarpaulin

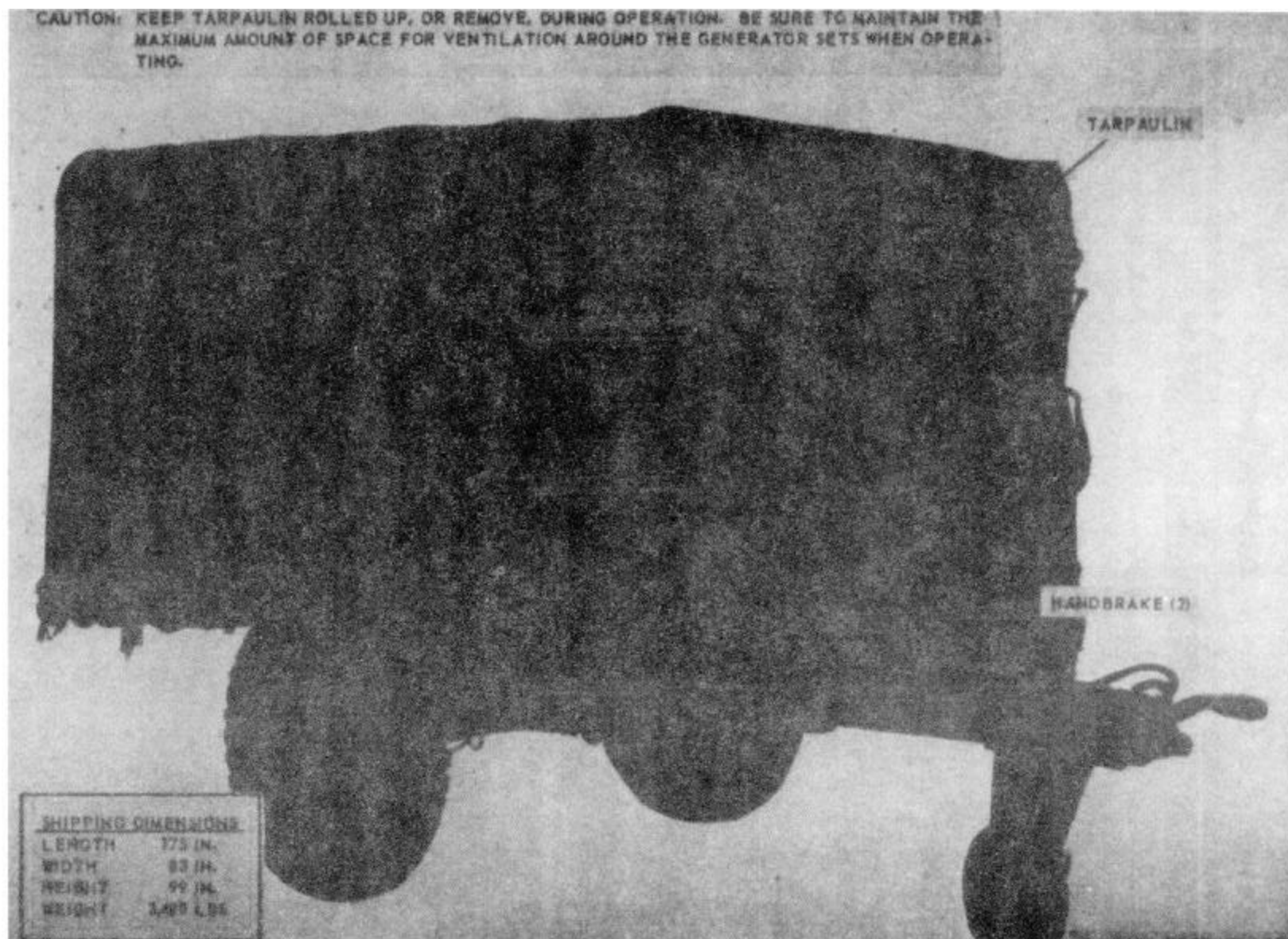


Figure 19-1. PU-629/G. right front, 3/4 view.

## Section II. OPERATING INSTRUCTIONS

### 19-3. Setting-up Instructions

#### a. Leveling.

- (1) Locate the trailer on as level a surface as possible in order for the generator to operate efficiently.
- (2) Set brakes and block wheels securely to prevent any movement. Operate handbrakes at weekly intervals to assure freedom of linkage.
- (3) Pull leg support down and adjust length for firm contact with ground.

#### WARNING

**Wheels must be blocked, brakes set, and leg prop down in support position before attempting to roll up tarpaulin and before starting to set-up or assemble the equipment for operation.**

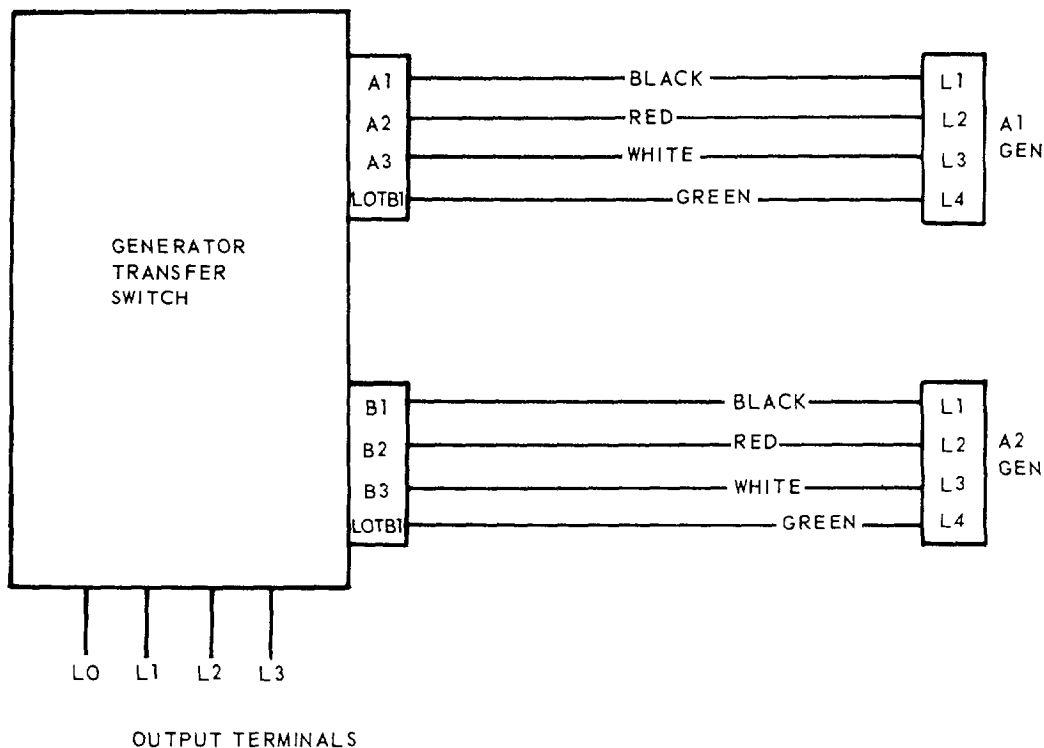
#### b. Preparation for Starting.

- (1) Roll up tarpaulin and remove splash shield as shown in figure 19-3.
- (2) Remove all loose auxiliary items and anything else that might block the free circulation of air through the trailer and around the generator sets.

#### CAUTION

**It is of foremost importance that there be free circulation of air around the generator sets at all times during operation. Inadequate ventilation is a major cause of damage to the equipment.**

- (3) Be sure transfer switch load cables are connected to the generator sets as illustrated in figure 19-2.



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Figure 19-2. Interconnection diagram, transfer switch-to-generators.



c. *Grounding.***WARNING**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq. ft.) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the generator set ground terminal stud as shown in figure 19-3.

(4) Be sure that both generators are connected to the generator set ground terminal stud, as shown in figure 19-3.

d. *Fuel Hose Connection.* Connect the fuel hoses as illustrated in figure 19-4.

**WARNING**

**Never operate the generator set in an enclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

**19-4. Starting**

a. Perform the setting-up and pre-starting procedures (para 19-3).

b. Be sure the generator transfer switch is OFF (fig. 19-3).

c. Start the generator set as instructed in TM 5-6115-332-12.

**19-5. Stopping**

a. Turn the generator transfer switch OFF or in position to select a standby generator (fig. 19-3).

b. Stop the generator as instructed in TM 5-6115-332-12.

**19-6. Operation**

a. Start the generator (para 19-4) and position the transfer switch to the desired generator.

b. Operate the generator as instructed in TM 5-6115-332-12.

c. Perform the fuel connection and transfer procedure as instructed in figure 19-4.

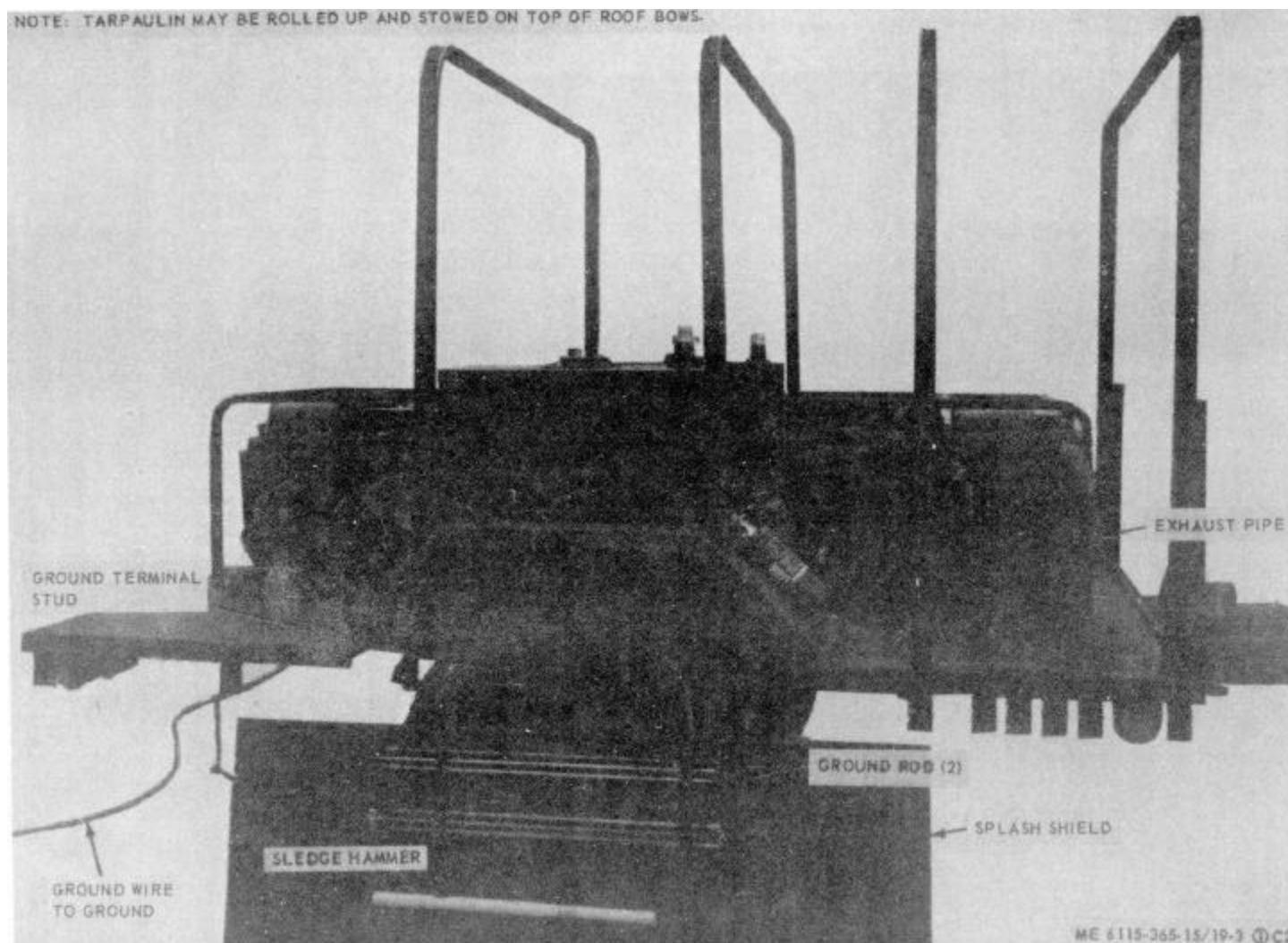


Figure 19-3. PU-629/C set up for operation (sheet 1 of 2).

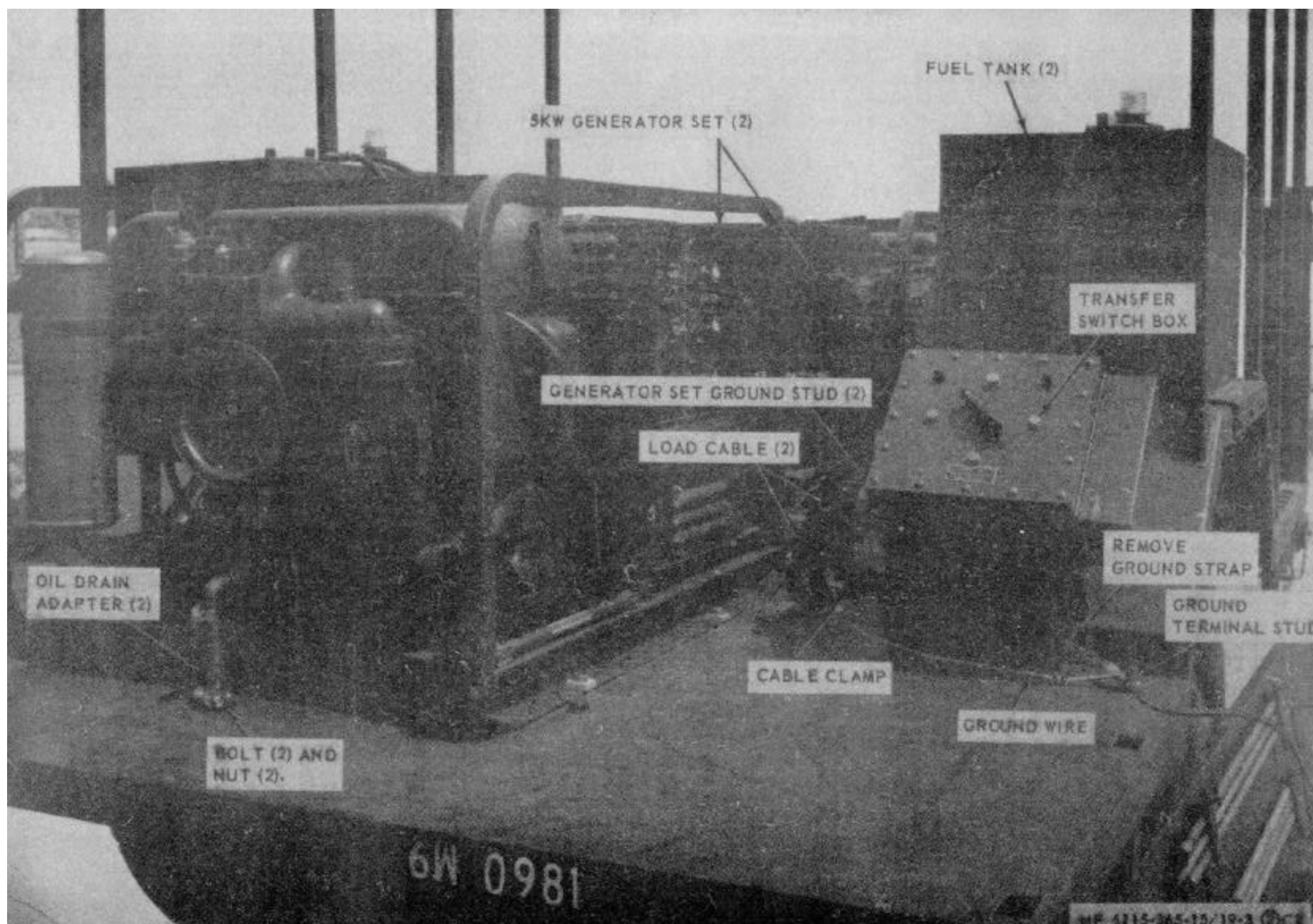


Figure 19-3. PU-926/C Set up for operation (sheet 2 of 2).

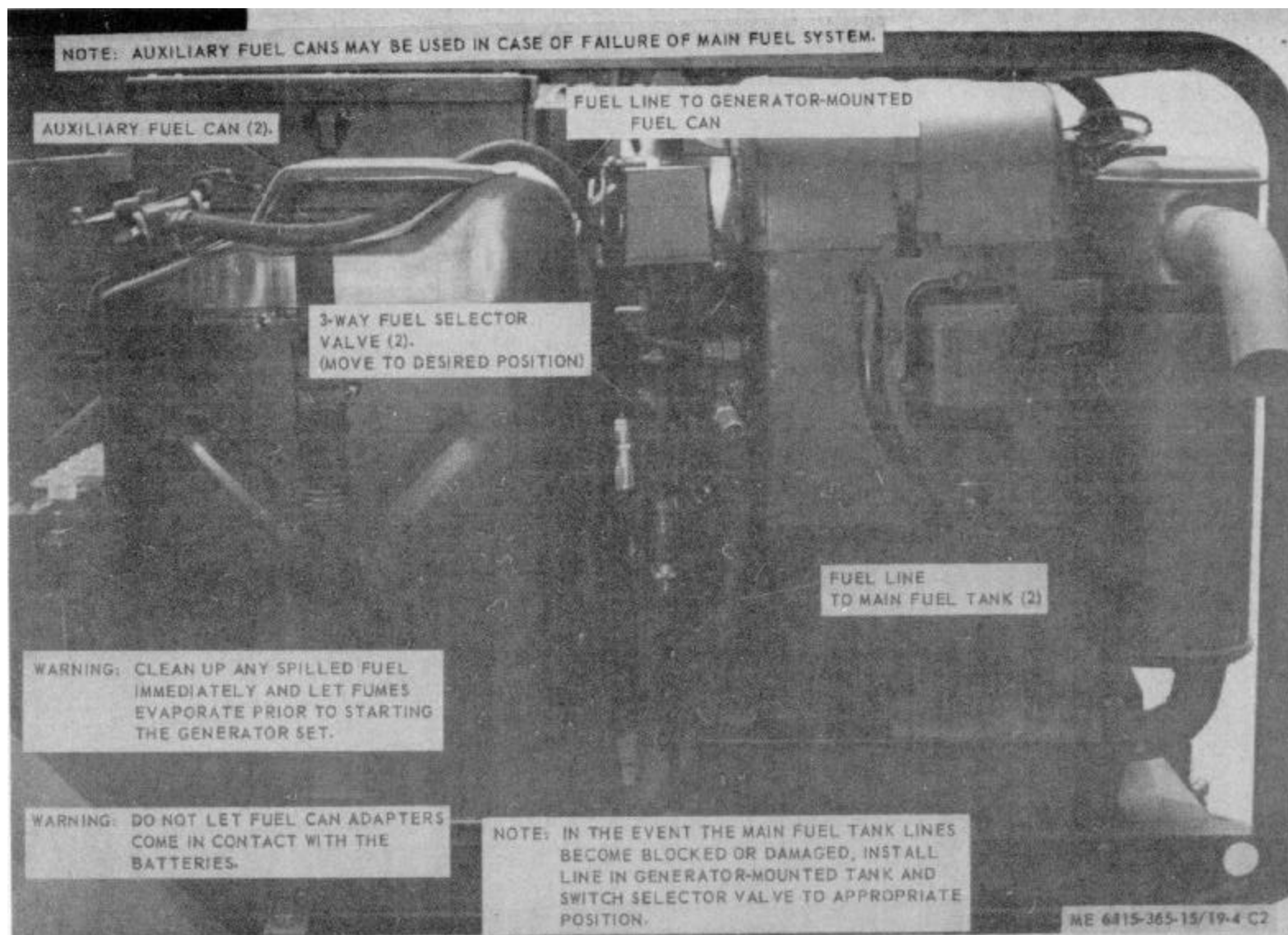


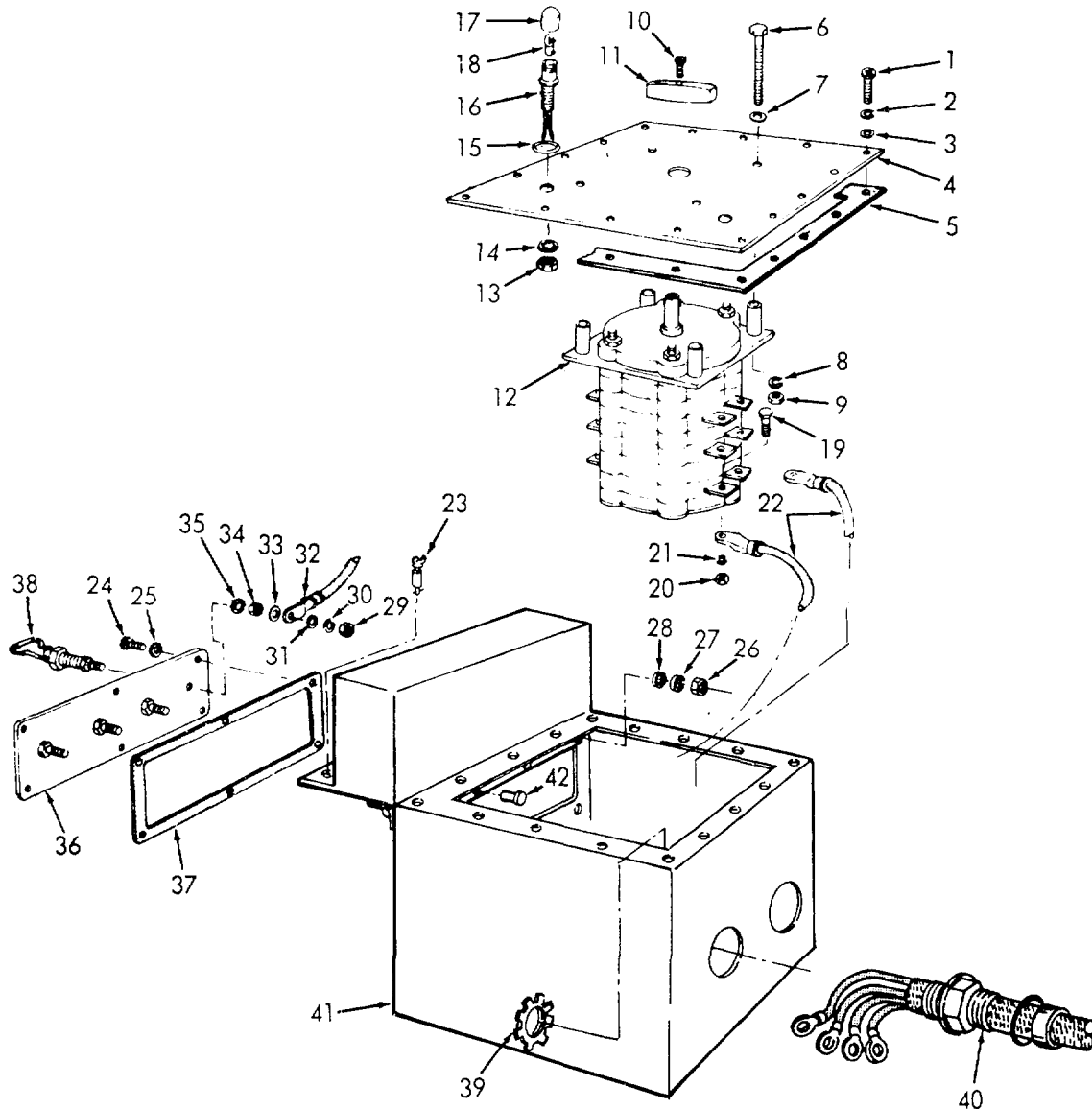
Figure 19-4. Fuel system connection and transfer procedure

### Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS

#### 19-7. Transfer Switch Indicating Lamps

a. *Removal.* Remove lens and remove indicator lamp as illustrated in figure 19-5.

b. *Installation.* Install the indicator lamp and lens as illustrated in figure 19-5.



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1 Screw	10 Screw	19 Screw	28 Flat washer	37 Gasket
2 Lockwasher	11 Knob	20 Hex nut	29 Hex nut	38 Terminal lug
3 Flat washer	12 Transfer switch	21 Lockwasher	30 Lockwasher	39 Locknut
4 Cover	13 Hex nut	22 Electrical lead	31 Flat washer	40 Stuffing tube assy
5 Gasket	14 Lockwasher	23 Fastener	32 Electrical lead	41 Transfer switch box
6 Screw	15 Preformed packing	24 Screw	33 Flat washer	42 Rivet
7 Flat washer	16 Light and wire assy	25 Flat washer	34 Hex nut	
8 Lockwasher	17 Lens	26 Hex nut	35 Lockwasher	
9 Hex nut	18 Lamp	27 Lockwasher	36 Terminal board	

Figure 19-5. Transfer switch, removal, disassembly, reassembly, and installation.

## Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

### 19-8. Transfer Switch Indicating Lights

*a. Removal.* Remove the indicating lights as illustrated in figure 19-5.

*b. Installation.* Install the indicating lights as illustrated in figure 19-5.

### 19-9. Ground Wires and Terminal Stud

*a. Removal.* Remove the ground wires from the ground terminal stud and generator sets as shown in figure 19-3. Remove the terminal stud.

*b. Installation.* Install the terminal stud and ground wires as shown in figure 19-3.

### 19-10. Tarpaulin, Roof Bows, and Leg Prop

*a. Removal.*

(1) Remove the tarpaulin from the unit.

(2) Pull out the chain-secured pins that secure the roof bows to the trailer bed and remove the bows.

(3) Remove the hardware that secures the leg prop to the rear underside of the trailer bed and remove the leg prop.

*b. Cleaning and Inspection.*

(1) Clean tarpaulin with water and detergent. Clean roof bows and leg prop with approved cleaning solvent. Dry thoroughly.

(2) Inspect tarpaulin for tears, holes, broken or missing straps or ropes and other defects. Inspect bows and leg prop for breaks, cracks, damaged or missing hardware, and any other defects.

*c. Installation.*

(1) Mount the leg prop to the underside of the trailer bed and secure with mounting hardware.

(2) Install the roof bows in the trailer bed and secure with pins. Install the tarpaulin and secure in the desired position.

## Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTION

### 19-11. Generator Transfer Switch

*a. Removal and Disassembly.*

(1) Tag and disconnect leads from the output terminals to load.

(2) Remove and disassemble the transfer switch as illustrated in figure 19-5.

*b. Reassembly and Installation.*

(1) Reassemble and install the transfer switch as illustrated in figure 19-5.

(2) Connect load connections (fig. 19-6).

*b. Installation.* Use figure 19-7 as a guide and perform the following steps:

(1) Secure the two generator sets to the trailer bed with 8 bolts.

(2) Secure front muffler pipe to trailer bed with 2 bolts and 2 nuts.

(3) Connect oil drain adapters.

(4) Connect electrical leads and cables.

(5) Connect fuel lines.

### 19-12. Generator Sets

*a. Removal.* Use figure 19-7 as a guide and perform the following steps:

(1) Disconnect fuel lines.

(2) Disconnect electrical leads and cables.

(3) Disconnect oil drain adapters.

(4) Remove 2 bolts and 2 nuts that secure the front muffler pipe to trailer bed and remove pipe.

(5) Remove the 8 bolts (4 to each set) that secure the generator sets to the trailer bed and remove generator sets.

### 19-13. Tarpaulin, Roof Bows, and Leg Prop

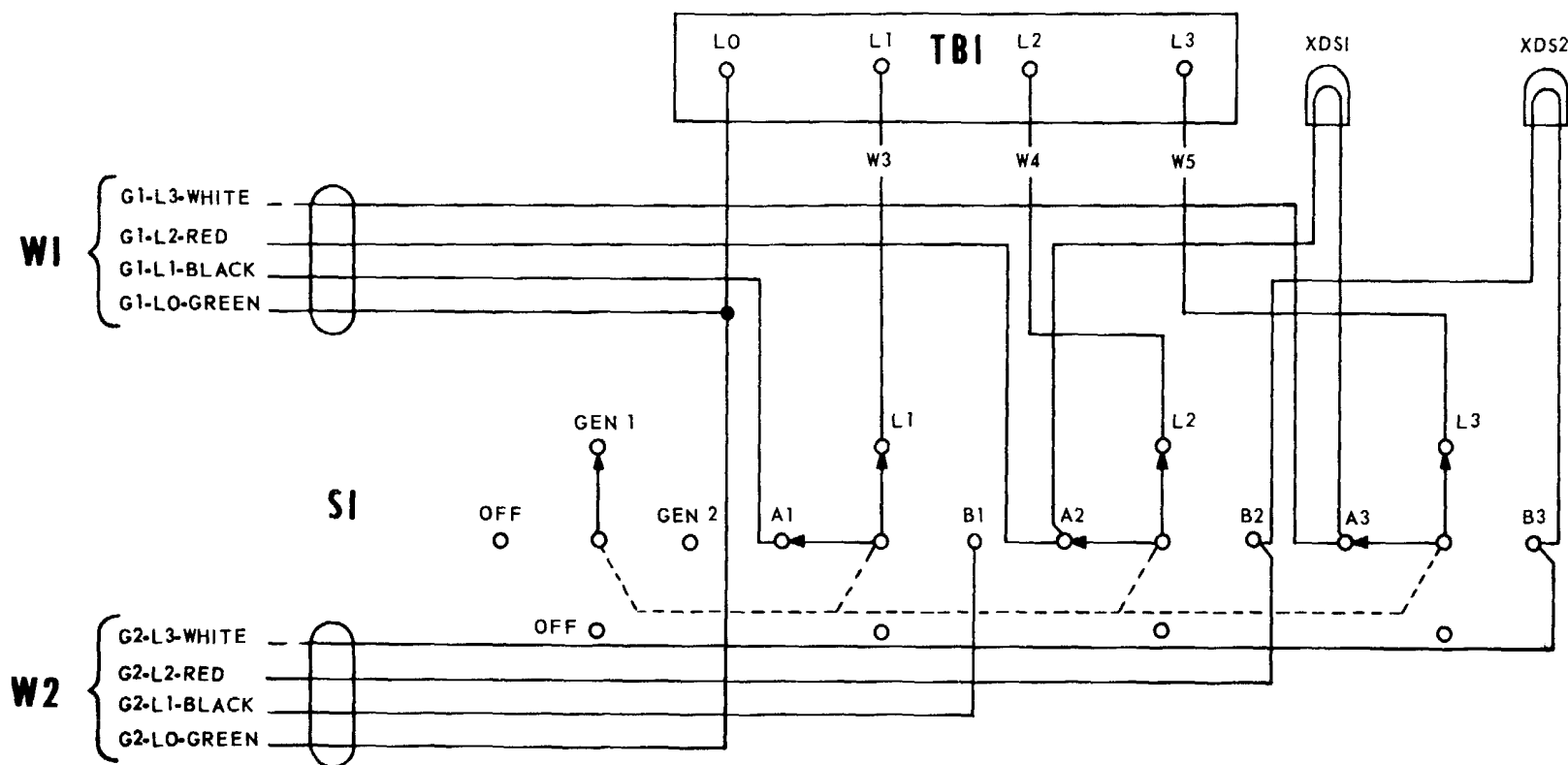
*a. Removal.* Remove the tarpaulin, roof bows, and leg prop (para 19-10).

*b. Repair.*

(1) Patch or sew rips or tears in the tarpaulin. Replace damaged or missing straps and ropes. Replace a tarpaulin that is too badly damaged to be repaired.

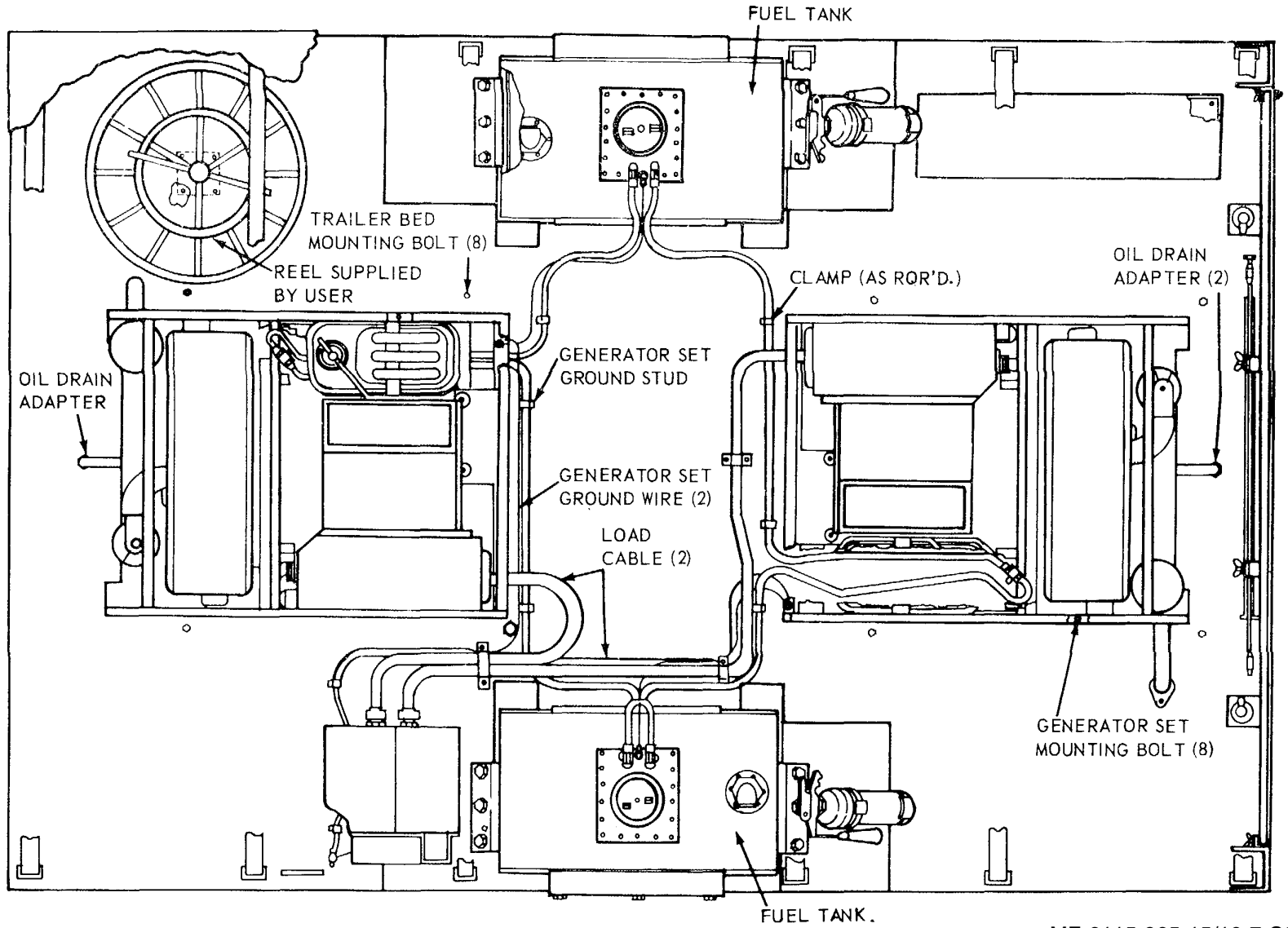
(2) Weld minor cracks and breaks in the roof bows and leg prop. Straighten bows where possible. Replace defective or missing hardware. Replace bows or leg prop that are damaged beyond repair.

*c. Installation.* Install tarpaulin, roof bows, and leg prop (para 19-10).



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Figure 19-6. Transfer switch wiring diagram..



ME 6115-365-15/19-7 C2

Figure 19-7. PU-629/C overall component location diagram.



**19-14. Trailer Bed***a. Removal.*

- (1) Remove tarpaulin, roof bows, and leg prop (para 19-10).
- (2) Remove transfer switch from the trailer (para 19-11).
- (3) Remove the generator sets (para 19-12).
- (4) Remove the 18 bolts (9 each fuel tank) that secure the fuel tanks to the trailer and remove the fuel tanks.
- (5) Remove 8 bolts from the top surface of the trailer bed and 12 bolts from the underside that secure the trailer bed gussets to the trailer.
- (6) Disconnect electrical leads from the trailer lights.
- (7) Remove trailer bed from the trailer.

*b. Cleaning, Inspection, and Repair.*

(1) Clean trailer bed with approved cleaning solvent and dry thoroughly.

(2) Inspect for broken welds, bends, dents, and any damage that prevents proper assembly of the unit. Weld cracks and breaks and straighten dents or bends where possible. Replace a trailer bed that is damaged beyond repair.

*c. Installation.*

(1) Install trailer bed on the trailer and secure with 12 bolts on the underside and 8 on the top. Connect wiring to trailer lights.

(2) Secure the two fuel tanks to the trailer with 18 bolts.

(3) Install the generator sets (para 19-12).

(4) Install the transfer switch (para 19-11).

(5) Install the leg prop, roof bows, and tarpaulin (para 19-10).

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE GROUP 03 - FUEL SYSTEM 0306 - TANKS, LINES, FITTINGS, HEADERS CAP, FUEL TANK: tactical vehicle, fording MS35645-1 (96906)	EA	1					19-11	7
		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS 1501 - FRAME ASSEMBLY								
00001										
00002										
X2 0			EA	1						
00003										
00004										
00005										
X2 0	5340-999-6277	BRACKET ASSEMBLY 13214E1214 (97403)	EA	1					19-10	7
00006										
X2 0		CLAMP, CABLE, DOUBLE: 1-5/16 height 13212E3591-2 (97403)	EA	1					19-9	45
00007										
X2 0		CLAMP, CABLE, SINGLE 13212E3612 (97403)	EA	2					19-9	59
00008										
X2 0	2590-932-7298	CLAMP, GROUND ROD: 1.640 hole, sp 13212E3617-1 (97403)	EA	4					19-10	3
00009										
X2 0		CLAMP, LOOP: double cable or tube MS21334-2 (96906)	EA	2					19-9	40
00010										
X2 0	5340-914-2578	CLIP, SPRING 13214E1213-1 (97403)	EA	1					19-10	28
00011										
X2 0		HOLDDOWN, REEL: 8.62 lg 13214E1426-3 (97403)	EA	1					19-9	1
00012										
X2 0	7240-920-5327	HOLDER: fuel drum adapter 13212E3553-1 (97403)	EA	2					19-10	32
00013										
00	5310-934-9758	NUT, PLAIN, HEXAGON: machine screw, 10-24	EA	2	*	*	*	*	19-9	44
00014										
0	5310-934-9758	NUT, PLAIN, HEXAGON: machine screw, 10-24	EA	6	*	*	*	*	19-9	58
00015										
0	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	1	*	*	*	*	19-10	31
00016										
0	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	19-9	48
00017										
0	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	19-9	62
00018										
0	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 X 20	EA	4	*	*	*	*	19-10	10
00019										
0	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	8	*	*	*	*	19-10	6
00020										
0	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18	EA	4	*	*	*	*	19-10	35
00021										
0	5310-964-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18	EA	6	*	*	*	*	19-9	32
00022										
X2 0		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	6					19-9	25
00023										
0	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18	EA	12	*	*	*	*	19-9	29
00024										
0	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1-1/4	EA	2	*	*	*	*	19-9	46
00025										
0	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1-1/4	EA	4	*	*	*	*	19-9	60
00026										
0	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 lg	EA	1	*	*	*	*	19-10	29
00027										
0	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 lg	EA	2	*	*	*	*	19-10	8
00028										
X2 0		SCREW, CAP, HEXAGON HEAD: 5/16-18 X 3/4 MS90725-32 (96906)	EA	4					19-10	33
00029										
X2 0		SCREW, CAP, HEXAGON HEAD: 5/16-18 X 3/4 lg MS90725-32 (96906)	EA	6					19-9	27
00030										
X2 0		SCREW, CAP, HEXAGON HEAD: 5/16-18 X 3/4 lg MS90725-32 (96906)	EA	6					19-9	34
00031										

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
X2 0 00032 0	5305-958-5247	SCREW, CAP, HEXAGON HEAD: 5/16-18 X 3/4 lg MS90725-32 (96906)	EA	12					19-9	31
00033 0	5305-984-6212	SCREW, MACHINE: flat head, 1/4-20 X 1 lg	EA	8	*	*	*	*	19-10	4
00034 0	5305-984-6212	SCREW, MACHINE, PAN HEAD: 10-24 X 3/4 lg	EA	2	*	*	*	*	19-9	41
00035 X2 0	5305-984-6212	SCREW, MACHINE, PAN HEAD: 10-24 X 3/4 lg	EA	6	*	*	*	*	19-9	55
00036 0	5310-809-8546	WASHER, FLAT, ROUND MS27183-12 (96906)	EA	6					19-9	33
00037 0	5310-809-8546	WASHER, FLAT, ROUND: No. 10 nominal size	EA	2	*	*	*	*	19-9	43
00038 X2 0	5310-809-8546	WASHER, FLAT, ROUND: No. 10	EA	6	*	*	*	*	19-9	57
00039 0		WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906)	EA	2					19-10	30
00040 X2 0		WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906)	EA	4					19-10	9
00041 X2 0		WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906)	EA	8					19-10	5
00042 X2 0		WASHER, FLAT, ROUND: 1/4-20 nominal size MS27183-11 (96906)	EA	4					19-9	47
00043 0	5310-081-4219	WASHER, FLAT, ROUND: 1/4-20 nominal size MS27183-11 (96906)	EA	8					19-9	61
00044 0	5310-081-4219	WASHER, FLAT, ROUND: 5/16 nominal size	EA	6	*	*	*	*	19-9	26
00045 0	5310-081-4219	WASHER. FLAT, ROUND: 5/16 nominal size	EA	8	*	*	*	*	19-10	34
00046 0	5310-081-4219	WASHER, FLAT, ROUND. 5/16 nominal size	EA	12	*	*	*	*	19-9	30
00047 0	5310-045-3296	WASHER, LOCK, HELICAL No. 10 nominal size	EA	6	*	*	*	*	19-9	56
00048 00049	5310-045-3296	WASHER, LOCK: spring helical, No. 10	EA	2	*	*	*	*	19-9	42
		GROUP 22 - BODY, CHASSIS OR HULL, AND ACCESSORY ITEMS 2201 - CANVAS, RUBBER, OR PLASTIC ITEMS								
P 0	2540-924-8478	BOW, TRAILER TARPAULIN 13215E3597-1 (97403)	EA	4	*	*	*	*	*	*
P 0	2540-926-1003	BOW, TRAILER TARPAULIN 13212E3597-2 (97403)	EA	2	*	*	*	*	*	*
P 0 R		TARPAULIN 13216E7434 (97403)	EA	1	*	*	*	*	*	*
X2 F		BUCKLE MS51920 (96906)	EA	18						
X2 F		CHAPE ASSEMBLY 13214E1392 (97403)	EA	12						
X2 F		HOOK TEE 13214E1497 (97403)	EA	22						
X2 F		RING, TEE MS51925 (96906)	EA	14						
X2 F		TIP END MS51926 (96906)	EA	24						
00050 X2 0		2202 - ACCESSORY ITEMS ACCESSORY BOX 13205E4949 (97403)	EA	1					19-9	8
00051 P C	2910-066-1235	ADAPTER ASSEMBLY, FUEL DRUM 13211E7541 (97403)	EA	2	*	*	*	*	19-10	1
00052 P C	5120-265-7462	HAMMER HAND. 8 lb GGGH86TYPEX (81348)	EA	1	*	*	*	*	19-10	27
00053 0 00054	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	4	*	*	*	*	19-9	11

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
P C 00055 0 00056 X2 0 00057 M 0 00058 P 0 00059 00060 X2 0 00061 X2 0 00062	5975-878-3791	ROD, GROUND ASSEMBLY MILR11461TYPE (81349)	EA	2	*	*	*	*	19-10	2
	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 lg	EA	4	*	*	*	*	19-9	9
	6145-395-8755	WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906)	EA	4					19-9	10
		WIRE, ELECTRICAL: No. 6 AWG, 10 ft MANUFACTURE FROM:	FT						19-9	53
		WIRE, ELECTRICAL: No. 6 AWG QQW343TYPERB (81348)	FT			SEE	GRP	9501		
		2210 - DATA PLATES								
		PLATE, IDENTIFICATION: ground terminal 13205E4918 (97403)	EA	1					19-9	39
		PLATE, IDENTIFICATION: PU-6290/6 13205E4916-22 (97403)	EA	1					19-9	17

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- TRATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
00063		GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS								
00064		2941 - EXHAUST AND TAIL PIPES								
0	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1/4-10	EA	4	*	*	*	*	19-9	51
00065										
0	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1/4-20	EA	2	*	*	*	*	19-9	16
00066										
0	5305-225-3839	SCREW, CAP, HEXAGON HEAD:1/4-20 x 1 19	EA	2	*	*	*	*	19-9	14
00067										
0	5305-068-0502	SCREW, CAP, HEXAGON HEAD:1/4-20 x 3/4 19	EA	4	*	*	*	*	19-9	50
00068										
X2 0		WASHER, FLAT, ROUND: 1/4 nominal size	EA	4					19-9	15
00069		MS27183-11 (96906)								
X2 0		WASHER, FLAT, ROUND: 1/4 nominal size	EA	8						
00070		MS27183-11 (96906)								
00071		GROUP 40 - ELECTRIC MOTORS AND GENERATORS								
00072		4000 - GENERATOR ASSEMBLY								
X2 0		NUT, SELF-LOCKING, HEAD	EA	8					19-9	19
00073		MS51922-33 (96906)								
0	5305-782-9494	SCREW, CAP, HEXAGON HEAD:1/2-13 x 1-3/4	EA	8	*	*	*	*	19-9	21
00074										
X2 0		WASHER, BEVELED: 1/2 nominal bolt size	EA	8					19-9	22
00075		13206E4482-2 (97403)								
X2 0		WASHER, FLAT, ROUND: 1/2 nominal size	EA	8					19-9	20
00076		MS27183-18 (96906)								
00077		GROUP 42 - ELECTRICAL EQUIPMENT								
00078		4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES								
0	5310-087-4652	NUT, SELF-LOCKING, HEXAGON:3/8-16	EA	4	*	*	*	*	19-9	38
00079										
0	5305-269-3211	SCREW, CAP, HEXAGON HEAD:3/8-16 x 1 lg	EA	4	*	*	*	*	19-9	36
00080										
0	5310-809-4061	WASHER, FLAT, ROUND: 3/8 nominal size	EA	8	*	*	*	*	19-9	37
00081										
00082		4216 - MISCELLANEOUS WIRING AND FITTINGS								
X2 0		CLAMP, LOOP: double cable or tube	EA	2					19-10	13
00083		MS21334-30 (96906)								
0	5310-543-4717	NUT, PLAIN, WING: brass, 3/8-16	EA	1					19-10	18
00084										
X2 0		NUT, PLAIN, HEXAGON: jam, 3/8-16	EA	1					19-10	24
00085		MS16203-39 (96906)								
X2 0		NUT, PLAIN, HEXAGON: jam, 3/8-16	EA	3					19-10	22
00086		MS16203-39 (96906)								
0	5310-934-9758	NUT, PLAIN, HEXAGON:machine screw, No. 10-24	EA	2	*	*	*	*	19-10	14
00087										
0	5940-688-6010	TERMINAL, LUG: Type I, Class I, No. 6-3/8	EA	4	*	*	*	*	19-10	23
00088										
X2 0		TERMINAL, LUG: No. b wire, No. 10 stud	EA	2					19-10	11
00089		MS20659-130 (96906)								
X2 0		SCREW, CAP, HEXAGON HEAD:3/8-16 x 3/4	EA	1					19-10	26
00090		MS35309-358 (96906)								
0	5305-984-6212	SCREW, MACHINE: pan head, No. 10-24 x 3/4 lg	EA	2	*	*	*	*	19-10	17
00091										
X2 0		STUD GROUNDING	EA	1					19-10	21
00092		13214E1223 (97403)								
X2 0		WASHER, FLAT, ELECTRIC:3/8 nominal size	EA	4					19-10	19
00093		AN961-616T (88044)								
0	5310-809-8546	WASHER, FLAT, ROUND: No. 10 nominal size	EA	2	*	*	*	*	19-10	15
00094										

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
0 00095	5310-913-9776	WASHER, LOCK: flat, external tooth, 3/8	EA	1	*	*	*	*	19-10	25
0 00096	5310-913-9776	WASHER, LOCK: flat, external tooth, 3/8	EA	2	*	*	*	*	19-10	20
0 00097	5310-045-3296	WASHER, LOCK: spring helical, No. 10	EA	2	*	*	*	*	19-10	16
00098		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS								
00099		7638 - PORTABLE FIRE FIGHTING EQUIPMENT								
P C 00100	4210-555-8837	EXTINGUISHER, FIRE MILE52031 (81349)	EA	2	*	*	*	*	19-9	4
0 00101	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1/4-20	EA	8	*	*	*	*	19-9	7
0 00102	5305-068-0502	SCREW, CAP, HEXAGON HEAD:1/4-20 x 3/4 19	EA	8	*	*	*	*	19-9	5
X2 0 00103	5310-809-4058	WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906)	EA	16					19-9	6
00104		GROUP 95 - GENERAL USE STANDARDIZED PARTS								
00105		9501 - HARDWARE SUPPLIES AND BULK MATERIEL, COMMON								
P 0 00106	6145-395-8755	WIRE, ELECTRICAL: No. 6 AWG QQW343TYPERB (81348)	FT	AR					19-10	12

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)	
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  USABLE  ON CODE  REF NUMBER & MFR CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100	DEPOT MAINT ALW PER 100	ILLUS- TRATION	
					ALLOWANCE			ALLOWANCE			EQUIP CNTGCTY	EQUIP	(a) FIG. NO.	(b) ITEM NO.
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
		PART II												
		REPAIR PARTS FOR DS, Gs, AND DUCT MAINTENANCE												
00001		GROUP 03 - FUEL SYSTEM												
00002		0306 - TANK, LINES, FITTINGS, HEADERS												
X2 F		BRACKET, FUEL TANK	EA	2									19-9	24
00003		13216E7416 (97403)												
X2 F		BRACKET, FUEL TANK	EA	4									19-9	28
00004		13216E7423 (97403)												
X2 F		BRACKET, FUEL TANK	EA	2									19-9	35
00005		13216E7463 (97403)												
X2 0		CAP, FUEL TANK: tactical vehicle, fording	EA	1									19-11	7
00006		MS35645-1 (96906)												
X2 F		ELBOW: 90 deg, flared, 5/16 x 1/2-20	EA	2									19-11	1
00007		SAEJ514 (81343)												
X2 F		FILLER, NECK	EA	1									19-11	10
00008		13216E7574 (97403)												
X2 P		FILTER, FUEL: 15.75 lg	EA	2									19-11	12
00009		13216E7570-2 (97403)												
X2 F		GAGE LIQUID LEVEL: 21.25 1g	EA	1									19-11	4
00010		13216E7459-3 (97403)												
X2 F		GASKET	EA	1									19-11	6
00011		13216E7460 (97403)												
X2 F		GASKET	EA	1									19-11	11
00012		13216E7575 (97403)												
X2 F		MOUNT GAGE	EA	1									19-11	5
00013		13216E7458 (97403)												
X2 F		PLUG, SQUARE HEAD: pipe thread, steel, 1/4 NPT	EA	1									19-11	13
00014		MS20913-2S (96906)												
X2 F		SCREW, MACHINE: pan head, No. 10-32 x 5/8 in. lg	EA	6									19-11	3
00015		MS35207-264 (96906)												
X2 F		SCREW, MACHINE: pan head, No. 10-32 x 5/8	EA	18									19-11	8
00016		MS35207-264 (96906)												
X2 F		TANK, FUEL	EA	1									19-11	14
00017		13216E7573 (97403)												
X2 F		WASHER, LOCK: sprig helical, No. 10	EA	6									19-11	2
00018		MS35338-43 (96906)												
12 F		WASHER, LOCK: spring helical, No. 10	EA	18									19-11	9
00019		MS35338-43 (96906)												
00020		GROUP 15 - FRAME, TOWING ATTACHMENTS, AND DRAWBARS												
00021		1501 - FRAME ASSEMBLY												
X2 0	5340-999-6277	BRACKET ASSEMBLY	EA	1									19-10	7
00022		13214E1214 (97403)												
X2 0		CLAMP, CABLE, DOUBLE: 1-5/16 height	EA	1									19-9	45
00023		13212E3591-2 (97403)												
X2 0		CLAMP, CABLE SINGLE	EA	2									19-9	59
00024		13212E3612 (97403)												

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  REF NUMBER & MFR CODE	(4) USABLE UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1-YR ALW PER 100 EQUIP CNTG	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUS- TRATION	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) FIG. NO.	(b) ITEM NO.
X2 0 00025	2590-932-7298	CLAMP, GROUND ROD: 1.640 hole, sp 13212E3617-1 (97403)	EA	4									19-10	3
X2 0 00026		CLAMP, LOOP: double cable or tube MS21334-2 (96906)	EA	2									19-9	40
X2 F 00027		CLAMP, LOOP: Type If, Class A and B MS21104D10 (96906)	EA	6									19-9	54
X2 0 00028	5340-914-2578	CLIP, SPRING 13214E1213-1 (97403)	EA	1									19-10	28
X2 0 00029		HOLDDOWN, REEL: 8.62 lg 13214E1426-3 (97403)	EA	1									19-9	1
X2 0 00J30	7240-920-5327	HOLDER: fuel drum adapter 13212E3553-1 (97403)	BA	2									19-10	32
0 00031	5310-934-9758	NUT, PLAIN, HEXAGON: machine screw, 10-24	EA	2		*	*	*	*	*	*	*	19-9	44
0 00032	5310-934-9758	NUT, PLAIN, HEXAGON: machine screw, 10-24	EA	6	*	*	*	*	*	*	*	*	19-9	58
0 00033	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	1	*	*	*	*	*	*	*	*	19-10	31
0 00034	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	*	*	*	*	19-9	48
0 00035	5310-088-1251	NUT, SELF, LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	*	*	*	*	19-9	62
0 00036	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4 x 20	EA	4	*	*	*	*	a	a	*	*	19-10	10
0 00037	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	8	*	*	*	*	*	*	*	*	19-10	6
0 00038	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18	EA	4	*	*	*	*	*	*	*	*	19-10	35
0 00039	5310-984-3806	NUT, SELF- LOCKING, HEXAGON: 5/16-18	EA	6	*	*	*	*	*	*	*	*	19-9	32
X2 0 00040		NUT, SELF-LOCKING, HEXAGON: 5/16-18 MS51922-9 (96906)	EA	6									19-9	25
0 00041	5310-984-3806	NUT, SELF- LOCKING, HEXAGON: 5/16-18	EA	12	*	*	*	*	*	*	*	*	L9-9	29
0 00042	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1-1/4	EA	2	*	*	*	*	*	*	*	*	L9-9	46
0 00043	5305-071-2241	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 1.1/4	EA	4	*	*	*	*	*	*	*	*	19-9	60
0 00044	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 lg	EA	1	*	*	*	*	*	*	*	*	19-10	29
0 00045	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 lg	EA	2	*	*	*	*	*	*	*	*	19-10	8
X2 0 00046		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 3/4b MS90725-32 (96906)	EA	4									19-10	33
X2 0 00047		SCREW, CAP, HEXAGON READ: 5/16-18 x 3/4 lg MS90725-32 (96906)	EA	6									19-9	27
X2 0 00048		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 3/4 lg MS90725-32 (96906)	EA	6									19-9	34
X2 0 00049		SCREW, CAP, HEXAGON HEAD: 5/16-18 x 3/4 lg MS90725-32 (96906)	EA	12									19-9	31
0 00050	5305-958-5247	SCREW, MACHINE: flat head, 1/4-20 x 1 lg	EA	8	*	*	*	*	*	*	*	*	19-10	4
0 00051	5305-984-6212	SCREW, MACHINE, PAN HEAD: 10-24 x 3/4 lg	EA	2	*	*	*	*	*	*	*	*	19-9	41
0 00052	5305-984-6212	SCREW, MACHINE, PAN HEAD: 10-24 x 3/4 lg	EA	6	*	*	*	*	*	*	*	*	19-9	55



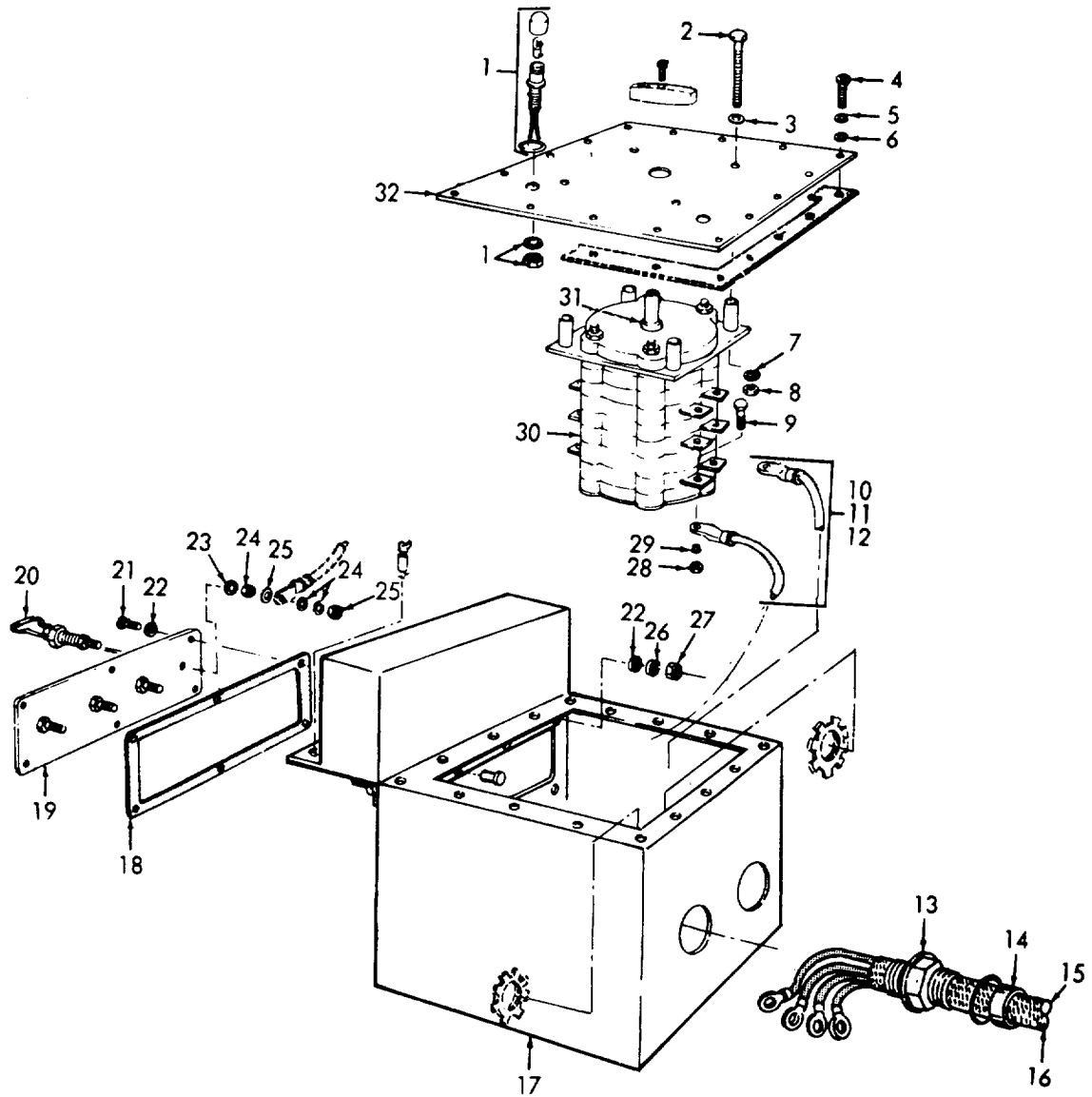
(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8) 1-YR ALW PER 100 EQUIP CNTGCTY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10)				
					30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					(a) 1-20	(b) 21-50	(c) 51-100	(a) FIG. NO.	(b) ITE M NO.
					(a)	(b)	(c)	(a)	(b)	(c)							
X2 O 00053 O 00054 O 00055 X2 O 00056 X2 O 00057 X2 O 00058 X2 O 00059 X2 O 00060 O 00061 O 00062 O 00063 O 00064 O 00065 00066 00067 X2 DR 00068 00069  00070 X2 O 00071 P C 00072 P C 00073 X2 F 00074 X2 F 00075 O 00076 P C 00077 O 00078 X2 O 00079 M O 00080 P O 00081	5310-809-8546  5310-809-8546         5310-081-4219 5310-081-4219 5310-081-4219 5310-045-3296 5310-045-3296  2330-141-8052    2910-066-1235 5120-265-7462   5310-088-1251 5975-878-3791 5305-068-0502   6145-395-8755	WASHER, FLAT, ROUND MS27183-12 (96906) WASHER, FLAT, ROUND: No. 10 nominal size WASHER, FLAT, ROUND: No. 10 nominal size WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906) WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906) WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906) WASHER, FLAT, ROUND: 1/4-20 nominal size MS27183-11 (96906) WASHER, FLAT, ROUND: 1/4-20 nominal size MS27183-11 (96906) WASHER, FLAT, ROUND: 5/16 nominal size WASHER, FLAT, ROUND: 5/16 nominal size WASHER, FLAT, ROUND: 5/16 nominal size WASHER, LOCK, HELICAL: No. 10 nominal size WASHER, LOCK: spring helical, No. 10  GROUP 18 - BODY, CAB, HOOD AND HULL 1810 - CARGO BODY TRAILER, FLAT BED 13205E5157 (97403) GROUP 22 - BODY, CHASSIS OR HULL, AND ACCESSORY ITEMS 2202 - ACCESSORY ITEMS ACCESSORY, BOX 13205E4949 (97403) ADAPTER ASSEMBLY, FUEL DRUM 13211E7541 (97403) HAMMER HAND: 8 lb GGGH86TYPEX (81348) HOSE ASSEMBLY: 5/16 od x 112 MS28741-5-1120 (96906) HOSE ASSEMBLY: 5/16 od x 96 in. lg MS28741-5-0960 (96906) NUT, SELF-LOCKING, HEXAGON: 1/4-20  ROD, GROUND ASSEMBLY MILR11461TYPE (81349) SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 lg WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906) WIRE, ELECTRICAL: No. 6 AWG, 10 ft MANUFACTURE FROM: WIRE, ELECTRICAL: No. 6 AWG QQW343TYPERB(81348)	EA 														

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00082		2210 - DATA PLATES												
X2 O		PLATE, IDENTIFICATION: ground terminal	EA	1									19-9	39
00083		13205E4918 (97403)												
X2 O		PLATE, IDENTIFICATION: PU-6290/6	EA	1									19-9	17
00084		13205E4916-22 (97403)												
X2 F		PLATE, INFORMATION WIRE DIAGRAM	EA	1										
00085		13212E3587 (97403)												
00086		GROUP 29 - AUXILIARY GENERATOR AND ENGINE AND CONTROLS												
		2935 - ENGINE FUEL TANK												
00087		TANK ASSEMBLY, FUEL	EA	2									19-9	23
X2 F		13216E7417 (97403)												
00088		2941 - EXHAUST AND TAIL PIPES												
00089		EXHAUST TUBE	EA	1	*	*	*	*	*	*	2	4	19-9	49
P2 F	6115-947-3331	13214E1486 (97403)												
00090		EXHAUST TUBE	EA	1	*	*	*	*	*	*	2	4	19-9	13
P P	6115-947-3335	13214E1487 (97403)												
00091		NUT, PLATE, REEL HOLDDOWN	EA	1									19-9	52
X2 F		13205E4948 (97403)												
00092		NUT, SELF-LOCKING, HEXAGON: 1/4-10	EA	4	*	*	*	*	*	*	*	*	19-9	51
O	5310-088-1251													
00093		NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	2	*	*	*	*	*	*	*	*	19-9	16
O	5310-088-1251													
00094		SCREW, CAP, HEXAGON HEAD: 1/4-20 x lg	EA	2	*	*	*	*	*	*	*	*	19-9	14
O	5305-225-3839													
00095		SCREW, CAP, HEXAGON READ: 1/4-20 x 3/4 lg	EA	4	*	*	*	*	*	*	*	*	19-9	50
00096		WASHER, FLAT, ROUND: 1/4 nominal size	EA	4									19-9	15
X2 O		MS27183-11 (96906)												
00097		WASHER, FIAT, ROUND: 1/4 nominal size	EA	8										
X2 O		MS27183-11 (96906)												
00098		GROUP 40 - ELECTRIC MOTORS AND GENERATORS												
00099		4000 - GENERATOR ASSEMBLY												
00100		GENERATOR SET: SF-5.0-MD	EA	2									19-9	18
X2 FR	6115-017-8240	MILG52279TYPE1 (81349)												
00101		NUT, SELF-LOCKING, READ	EA	8									19-9	19
X2 O		MS51922-33 (96906)												
00102		SCREW, CAP, HEXAGON HEAD: 1/2-13 x 1-3/4	EA	8	*	*	*	*	*	*	*	*	19-9	21
O	5305-782-9494													
00103		WASHER, BEVELED:1/2 nominal bolt size	EA	8									19-9	22
X2 O		13206E4482-2 (97403)												
00104		WASHER, FLAT, ROUND: 1/2 nominal size	EA	8									19-9	20
X2 O		MS27183-18 (96906)												
00105		GROUP 42 - ELECTRICAL EQUIPMENT												
00106		4206 - THERMOSTATIC, AUTOMATIC AND MANUAL CONTROL DEVICES												
00107		BOX, DISTRIBUTION	EA	1									19-8	17
X2 F		13212E3602 (97403)												
00108		CABLE	EA	1									19-8	15
X2 F		13212E3607 (97403)												
00109		CABLE	EA	1									19-8	16
X2 F		13212E3608 (97403)												
00110		COVER	EA	1									19-8	32
X2 F		13212E3603 (97403)												
00111														

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 F 00112	5310-087-4652	GASKET 13212E3610 (97403)	EA	1									19-8	18
X2 F 00113		LEAD, ELECTRICAL 13212E3609-3 (97403)	EA	1									19-8	12
X2 F 00114		LEAD, ELECTRICAL: No. W3 13212E3609-1 (97403)	EA	1									19-8	10
X2 F 00115		LEAD, ELECTRICAL: No. W4 13212E3609-2 (97403)	EA	1									19-8	11
2 F 0116		LIGHT AND WIRE: 12 in. lg 13212E3581-1 (97403)	EA	2									19-8	1
X2 F 00117		NUT, PLAIN, HEXAGON: brass, 1/4-28 MS51970-1 (96906)	EA	9									19-8	28
X2 F 00118		NUT, PLAIN, HEXAGON: Jam, 1/4-20 MS16203-37 (96906)	EA	8									19-8	24
X2 F 00119		NUT, PLAIN, HEXAGON: machine screw, No. 10-24 MS35649-202 (96906)	EA	6									19-8	27
X2 F 00120		NUT, SELF-LOCKING, HEXAGON: 3/8-16 MS51922-17 (96906)	EA	4									19-8	8
O 00121		NUT, SELF-LOCKING, HEXAGON: 3/8-16	EA	4	*	*	*	*	*	*	*	*	19-9	38
X2 F 00122	5305-269-3211	PACKING, PREFORMED "O" RING MS28775-111 (96906)	EA	1									19-8	31
X2 F 00123		PACKING, PREFORMED "O" RING MS28775-013 (96906)	EA	4									19-8	3
X2 F 00124		PACKING, PREFORMED "O" RING M28775-132 (96906)	EA	2									19-8	13
X2 F 00125		PLATE INFORMATION WIRING DIAGRAM 13212E3587 (97403)	EA	1				SEE GRP	2210					
O 00126		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 1 lg	EA	4	*	*	*	*	*	*	*	*	19-9	36
X2 F 00127		SCREW, MACHINE: pan head, No. 10-24 x 1 lg MS35206-267 (96906)	EA	6									19-8	21
X2 F 00128		SCREW, MACHINE: pan head, No. 10-32 x 1/2 MS35207-263 (96906)	EA	16									19-8	4
X2 F 00129		SCREW, MACHINE: pan head, 1/4-28 x 7/16 MS35215-68 (96906)	EA	9									19-8	9
X2 F 00130		SCREW, MACHINE: pan head, 3/8-16 x 2 lg MS35206-315 (96906)	EA	4									19-8	2
X2 F 00131		STUFFING TUBE 13212E3582-20 (97403)	EA	2									19-8	14
P2 F 00132	5930-829-3243	SWITCH, ROTARY: 60 amp 13205E5023 (97403)	EA	1	*	*	*	*	*	*	2	2	19-8	30
X2 F 00133		TERMINAL BOARD 13212E3606 (97403)	EA	1									19-8	19
X2 F 00134		TERMINAL LOAD: 3-3/16 in. 1g 13208E5820-6 (97403)	EA	4									19-8	20
X2 F 00135		TERMINAL, LUG: size 22-18 stud, 1/4 In. lg MS25036-150 (96906)	EA	4										
X2 F 00136		WASHER, FLAT, ROUND: No. 10 nominal size MS27183-8 (96906)	EA	12									19-8	22

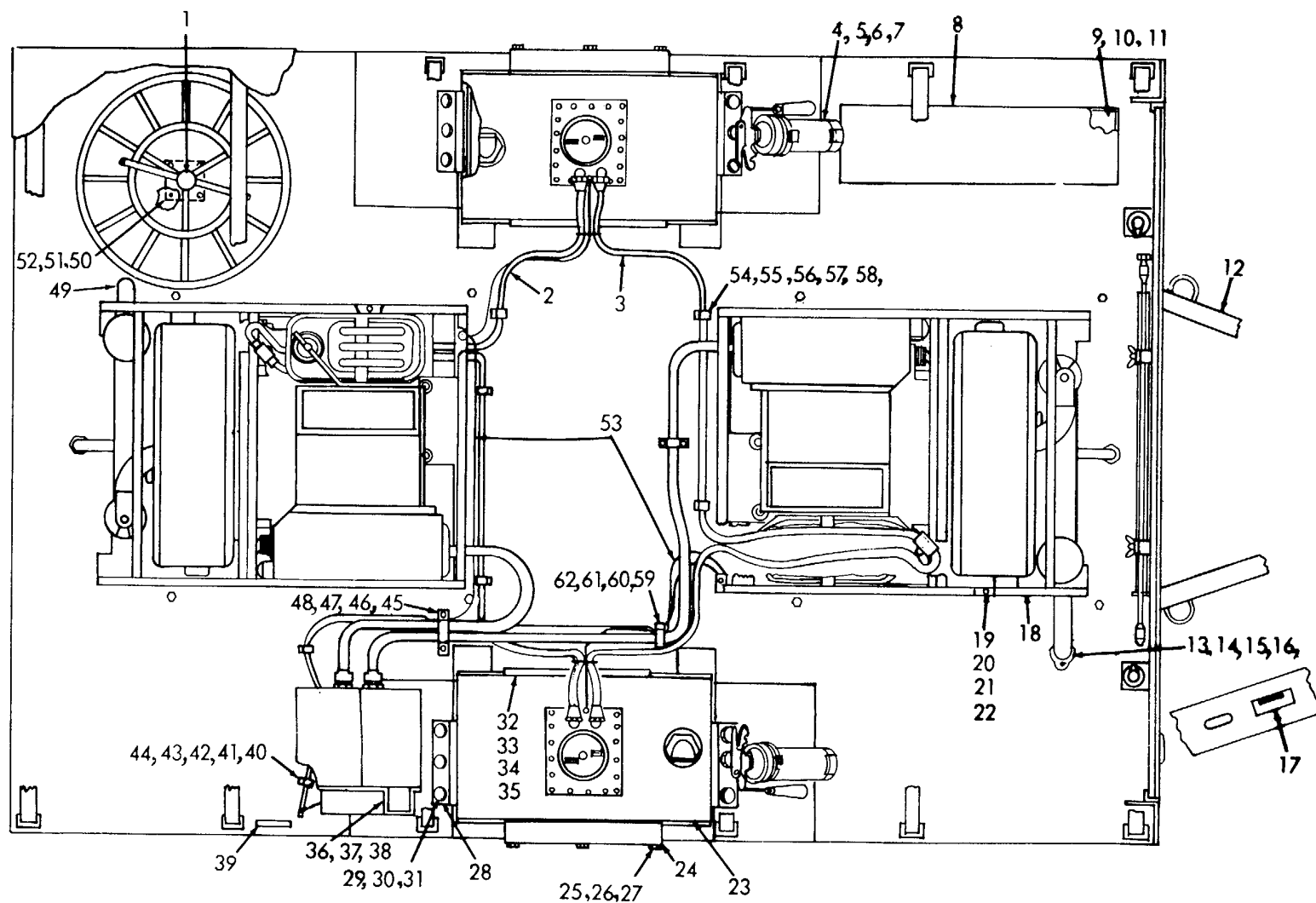
(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 F 00137 O 00138	5310-809-4061	WASHER, FLAT, ROUND: No. 10 nominal size MS27183-8 (96906)	EA	16									19-8	6
X2 F 00139		WASHER, FLAT, ROUND: 3/8 nominal size MS27183-14 (96906)	EA	8	*	*	*	*	*	*	*	*	19-9	37
X2 F 00140		WASHER, LOCK: flat, external tooth, 1/4 lg MS35335-89 (96906)	EA	9									19-8	7
X2 F 00141		WASHER, LOCK: flat, internal tooth, 1/4 lg MS35333-108 (96906)	EA	4									19-8	23
X2 F 00142		WASHER, LOCK: spring helical, No. 10 MS35338-43 (96906)	EA	6									19-8	26
X2 F 00143		WASHER, LOCK: spring helical, No. 10 MS535338-43 (96906)	EA	16									19-8	5
X2 F 00144		WASHER, LOCK: spring helical, 1/4 lg MS35338-101 (96906)	EA	8									19-8	25
X2 O 00145		4216 - MISCELLANEOUS WIRING AND FITTING	EA	2									19-10	13
X2 O 00146		CLAMP, LOOP: double cable or tube MS21334-30 (96906)	EA	2									19-10	13
X2 O 00147		NUT, PLAIN, WING: brass, 3/8-16	EA	1	*	*	*	*	*	*	*	*	19-10	18
X2 O 00148	5310-543-4717	NUT, PLAIN, HEXAGON: Jam, 3/8-16 MS16203-39 (96906)	EA	1									19-10	24
X2 O 00149		NUT, PLAIN, HEXAGON: Jam, 3/8-16 MSS16203-39 (96906)	EA	3									19-10	22
X2 O 00150		NUT, PLAIN, HEXAGON: machine screw, No. 10-24	EA	2	*	*	*	*	*	*	*	*	19-10	14
X2 O 00151		TERMINAL, LUG: Type I, Class 1, No. 6-3/8	EA	4	*	*	*	*	*	*	*	*	19-10	23
X2 O 00152		TERMINAL, LUG: No. 6 wire, No. 10 stud MS20659-130 (96906)	EA	2									19-10	11
X2 O 00153		SCREW, CAP, HEXAGON HEAD: 3/8-16 x 3/4 MS35309-358 (96906)	EA	1									19-10	26
X2 O 00154		SCREW, MACHINE: pan head, No. 10-24 x 3/4 lg	EA	2	*	*	*	*	*	*	*	*	19-10	17
X2 O 00155		STUD GROUNDING 13214E1223 (97403)	EA	1									19-10	21
X2 O 00156		WASHER, FIAT, ELECTRIC: 3/8 nominal size AN961-616T (88044)	EA	4									19-10	19
X2 O 00157		WASHER, FLAT, ROUND: No. 10 nominal size	EA	2	*	*	*	*	*	*	*	*	19-10	15
X2 O 00158	5310-913-9776	WASHER, LOCK: flat, external tooth, 3/8	EA	1	*	*	*	*	*	*	*	*	19-10	25
X2 O 00159	5310-913-9776	WASHER, LOCK: flat, external tooth, 3/8	EA	2	*	*	*	*	*	*	*	*	19-10	20
X2 O 00160	5310-045-3296	WASHER, LOCK: spring helical, No. 10	EA	2	*	*	*	*	*	*	*	*	19-10	16
X2 O 00161		GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS												
X2 O 00162		7638 - PORTABLE FIRE FIGHTING EQUIPMENT												
P C 00163	4210-555-8837	EXTINGUISHER, FIRE MILE52031 (81349)	EA	2	*	*	2	*	*	2	10	10	19-9	4
X2 O 00164	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20	EA	8	*	*	*	*	*	*	*	*	19-9	7

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION		(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
		USABLE  ON CODE	REF NUMBER & MFR CODE			30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					(a) FIG. NO.	(b) ITE M NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
O 00165	5305-068-0502		SCREW, CAP, HEXAGON HEAD: 1/4-20 x 3/4 lg	EA	8	*	*	*	*	*	*	*	*	19-9	5
X2 O 00166	5310-809-3078		WASHER, FLAT, ROUND: 1/4 nominal size MS27183-11 (96906)	EA	16									19-9	6
00167			GROUP 95 - GENERAL USE STANDARDIZED PARTS												
00168			9501 - HARDWARE SUPPLIES AND BULK MATERIEL, COMMON												
X2 O 00169	6145-395-8755		WIRE, ELECTRICAL: No. 6 AWG QQW343TYPERB (81348)	FT	AR									19-10	12
P O	4730-00-199-1493		NIPPLE: PIPE, STANDARD STEEL 1/2 NPT X 2 L STL ZN CTD LONG MS51953-78 (96906)	EA	2									19-12	1
P O	4730-00-908-3193		CLAMP, HOSE: LOW PRESSURE TYPE "F" HOSE DIA RANGE 1-1/16 X 2 CRES MS35842-12 (96906)	EA	2									19-12	2
P O	4720-01-073-7435		HOSE FUEL AND OIL 13218E0153-20 (97403)	EA	2									19-12	3
P O	4730-00-804-0544		UNION FLARED TUBE: 3/8 BULKHEAD AND UNIVERSAL, PRECISION TYPE 5/8 OD TUBE X 7/8-14 UNF-3A STL MS24393-16 (96906)	EA	2									19-12	4
P O	5310-00-754-2005		WASHER, LOCK-SPRING, HELICAL: REGULAR (MEDIUM) SERIES (IN. MM) 7/8 NOM SIZE CS CD PLD MS35338-52 (96906)	EA	2									19-12	5
P O			FITTING, FLARED TUBE, 37-DEGREE, STEEL LOCKNUT "O" RING 5/8 TUBE OD ZN OR CD PLD MS39321-V10	EA	2									19-12	6



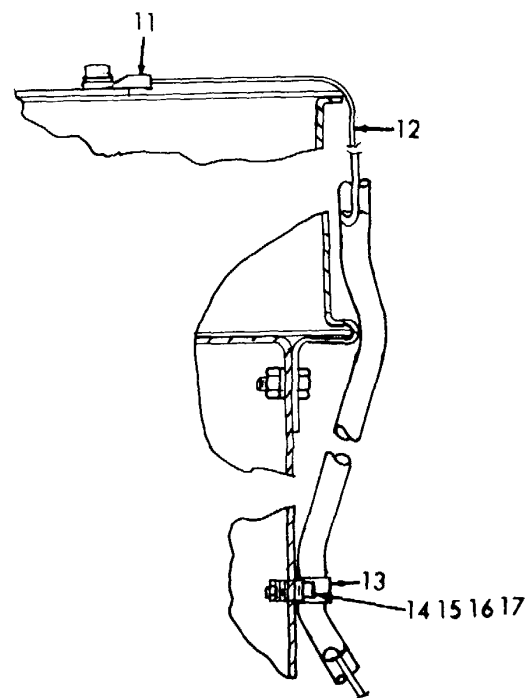
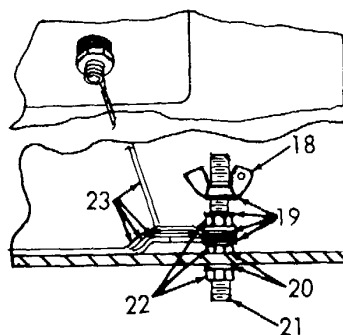
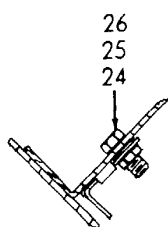
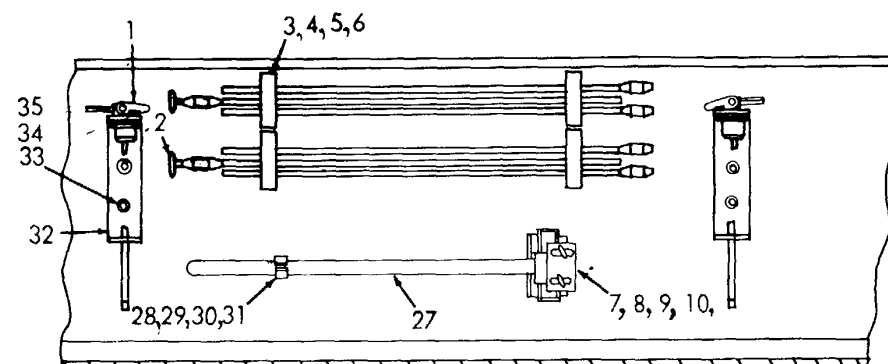
ME 6115-365-15/19-8, C2

Figure 19-8. Generator transfer switch.



ME 6115-365-15/19-9, C2

Figure 19-9. Power unit components.



ME 6115-365-15/19-10, C2

Figure 19-10. Detail components.



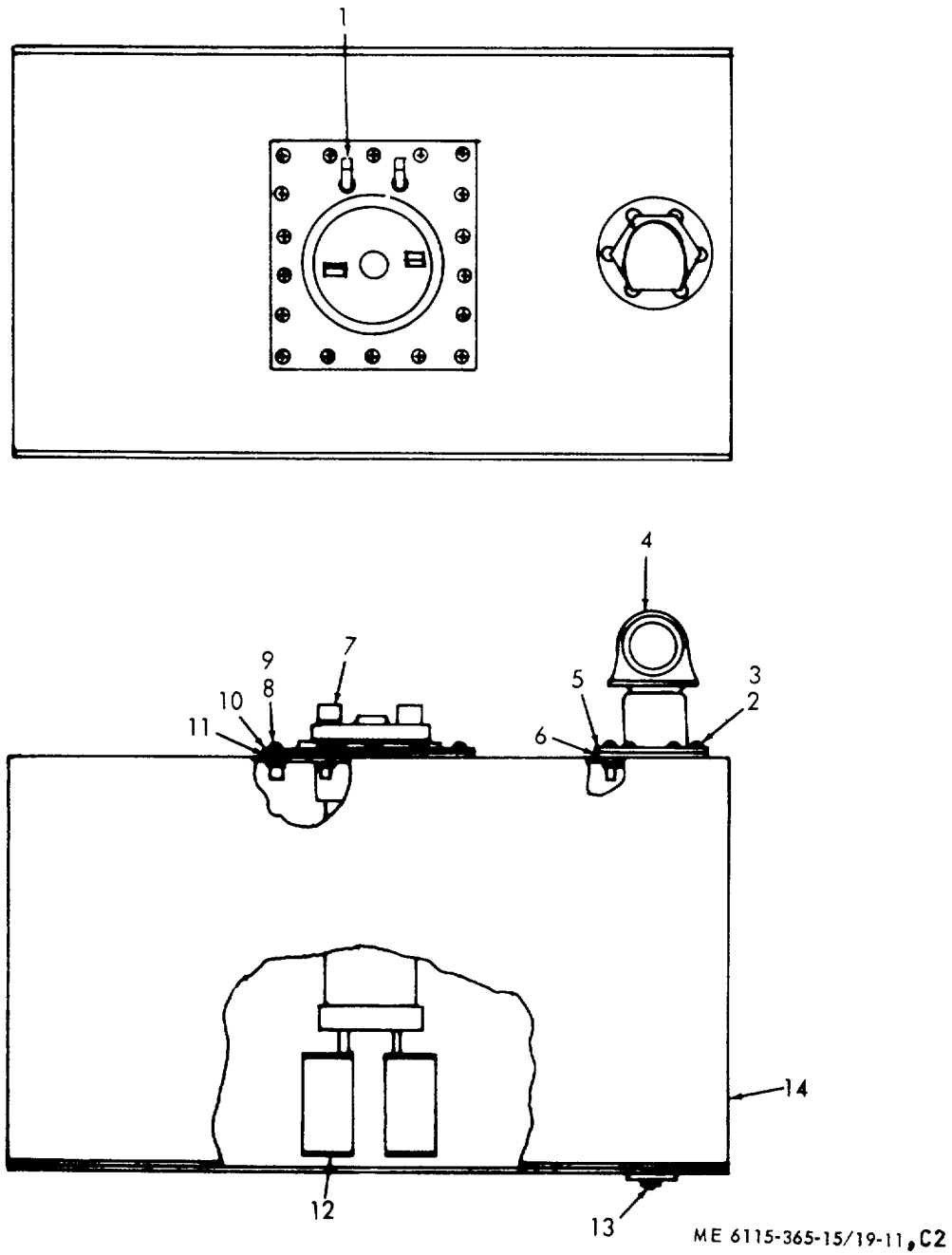


Figure 19-11. Fuel tank components.

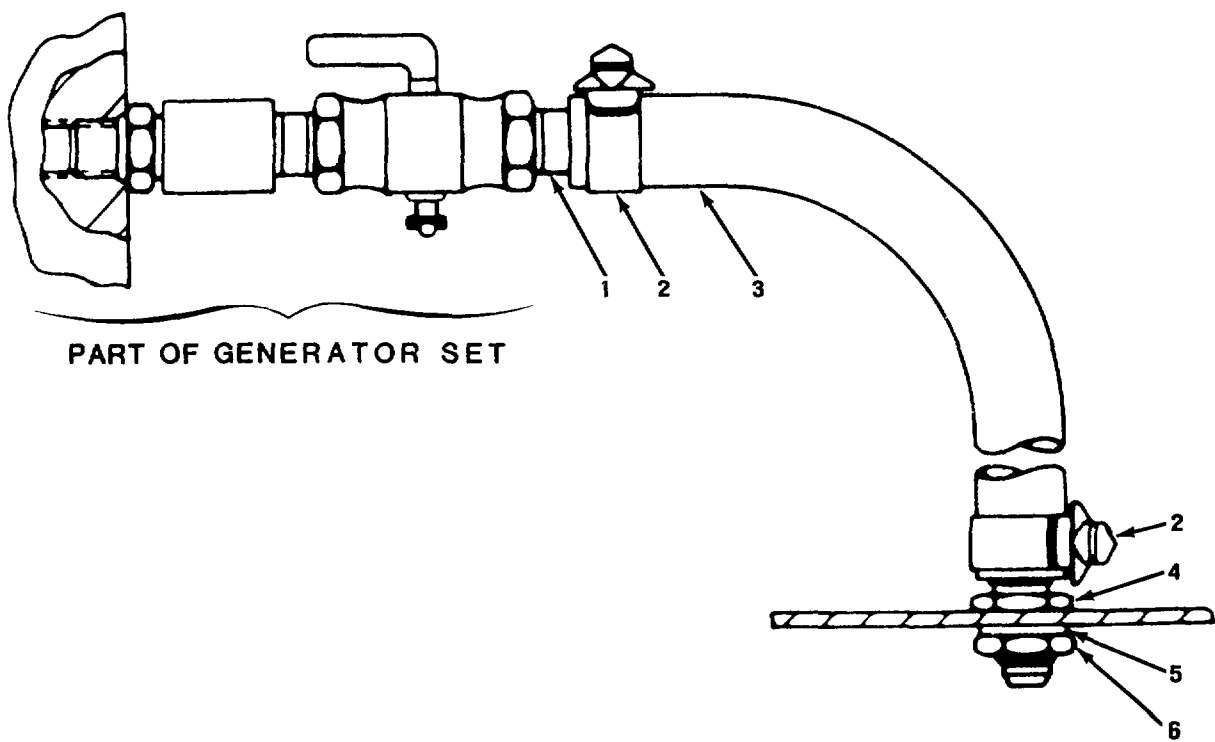


Figure 19-12. Oil drain assembly.

## CHAPTER 20

### GENERATOR SET, PU-631/G, FSN 6115-059-5172

#### Section I. DESCRIPTION AND DATA

##### 20-1. Description

a. *General.* The trailer mounted generator set, PU-631/G, consists of two 5 kw, Model SF 5.0 military design generators mounted on a modified 1 1/2-ton, 2-wheel cargo trailer, Model M-103-A3, (figures 20-1 and 20-2). Brackets, racks, holders, and platforms are provided for transporting and installing communications equipment. Table 20-1 lists components of the PU631/G generator set.

b. *Generators.* Each Model SF 5.0, 5 kw generator is powered by a directly-coupled, 2-cylinder, 10 hp, military standard model 2A042-1 gasoline engine. For description, operation, and maintenance of the generators, refer to TM 5-6115-332-14. A power

transfer switch is provided for connecting the generators to a common load.

c. *Engines.* For description, operation, and maintenance information not covered in TM 5-6115-332-14, refer to TM 5-2805-258-14.

d. *Trailers.* For description and maintenance of the trailer chassis, refer to TM 9-2330-213-14.

e. *Lubrication.* For lubrication instructions for the gasoline engines, refer to LO 5-2805-258-14; the trailer lubrication information is contained in LO 9-2330-213-12.

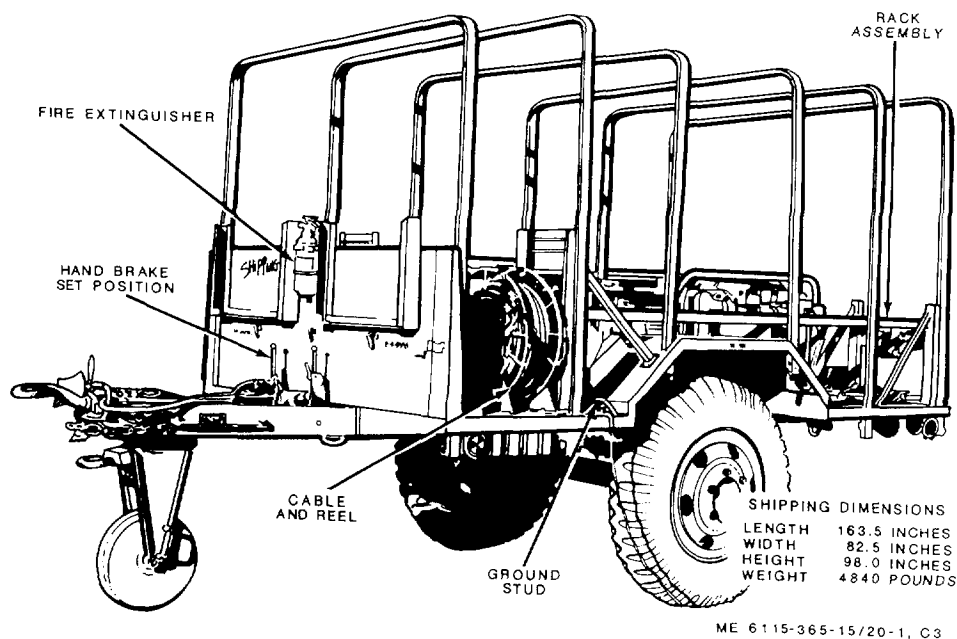
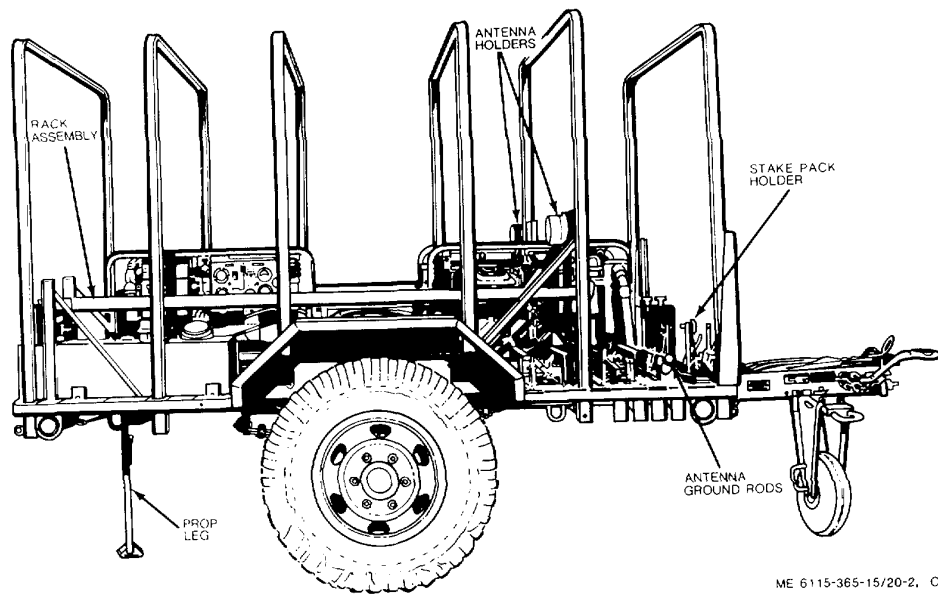


Figure 20-1. PU-631/G left front, 3/4 view



ME 6115-365-15/20-2, C3

Figure 20-2. PU-631/G right side

## 20-2. Tabulated Data

Table 20-1 lists components for the PU-631/G generator set.

Table 20-1. PU-631/G components.

FSN	QTY	Nomenclature
4210-555-8837	1	Fire extinguisher
6115-017-8240	2	Generator, 5 kw, Model SF 5.0 MD
5975-878-3791	2	Ground rod w/attachments
2590-318-6691	1	Leg prop assembly, trailer
5120-251-4489	1	Sledge hammer
2330-141-8052	1	Trailer, M103-A3

## Section II. OPERATING INSTRUCTIONS

### 20-3. Setting-Up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible in order for the generators to operate efficiently.

(2) Set brake and block wheels securely to prevent any movement. Operate handbrake at weekly intervals to insure freedom of movement.

(3) Pull leg prop down and adjust length for firm contact with ground.

## WARNING

**Wheels must be blocked, brakes set, and leg prop down in support position before attempting to roll up the tarpaulin and before starting to assemble or set up equipment for operation.**

### b. Preparation for Starting.

(1) Remove canvas tarpaulin, roof bows, splash shield, and racks.

(2) Remove all loose auxiliary items that might block air flow through the trailer and around the generator sets.

## CAUTION

**It is of foremost importance that there be free circulation of air around the generator sets at all times during operation.**

### c. Grounding

## WARNING

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution.**

(1) The ground may be any of three methods, depending on the location and the terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 square ft.) buried to a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

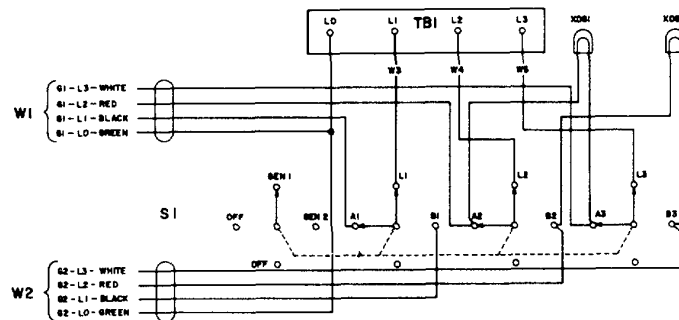
(3) Connect the other end of the ground lead to the trailer ground terminal.

d. *Servicing.* Service the generators as described in TM 5-6115-332-12. Install the engine oil drain hoses. Connect the load lines to the proper terminals on the power transfer switchbox (Fig. 20-3).

## 20-4. Starting

## WARNING

**Never operate the generator set in an enclosed area unless exhaust gases are piped outside. Inhalation of exhaust fumes may result in serious illness or death.**



DESIGNATION	PART NO.	DESCRIPTION
TBI		TERMINAL BOARD
S1	21105M5003	SWITCH, 60 AMP
W1	C1301202001	CABLE
W2	C1301202002	CABLE
W3	C1301202003	LEAD, ELECTRICAL
W4	C1301202004	LEAD, ELECTRICAL
W5	C1301202005	LEAD, ELECTRICAL
X081	C1301202006	SWITCH AND WIRE
X082	C1301202007	SWITCH AND WIRE

ME 6115-365-15/20-3 C3

Figure 20-3. Wiring diagram

a. Perform the pre-starting operations in TM 5-6115-332-12.

b. Position the transfer switch to the desired generator.

c. Start the generator as described in TM 5-6115-332-12.

#### **20-5. Stopping**

Stop the generator set as described in TM 5-6115-332-12.

#### **20-6. Operation**

Operate the generator set as instructed in TM 5-6115-332-12. Use fuel from the trailer mounted fuel tank. When refueling tank, operate the engine with fuel from the 5-gallon can until sediment has had a chance to settle in the fuel tank. Use the fuel transfer valve to perform fuel transfer operations.

### **Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS**

Operator's maintenance of the power unit is concerned with keeping the generator sets lubricated; the fuel tank filled; the battery electrolyte level maintained; and cleaning and servicing the fuel filter and air cleaner filters

as described in TM 5-6115-332-12. Removal of dust and dirt from the equipment is also a routine maintenance function of the operator.

### **Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS**

#### **20-7. Fuel System Components**

(Fig. 20-4)

a. *General.* The fuel system consists of the fuel tank mounted on the right-rear bed of the trailer; the fuel filters located inside the fuel tank; the auxiliary 5-gallon fuel tanks; and the hoses and fittings to provide fuel to the gasoline engines. A fuel strainer in the filler neck is removable for cleaning. The fuel level gage is located on the top of the tank.

##### *b. Fuel Filter Replacement*

(1) Remove screws and washers that secure gage base to fuel tank and remove gage assembly and gasket.

(2) Remove nuts and bolts securing filters to tube base.

(3) Install new filters on assembly and secure with bolts and nuts.

(4) Using new gasket install gage assembly and secure with screws and washers.

##### *c. Gage Replacement*

(1) Remove screws that secure gage to assembly and remove gage from tank. Remove gasket.

(2) Using a serviceable gage assembly and a new gasket, reinstall gage and secure with screws.

#### **20-8. Fuel Tank**

(Fig. 20-4)

##### *a. Removal*

(1) Remove drain plug and drain fuel from tank.

(2) Remove fuel gage assembly (para 20-7).

(3) Remove screws and washers that secure filler neck to tank and remove filler neck and gasket.

(4) Remove nuts, washers, and capscrews that secure and stancion and brace for curb-side antenna bracket.

(5) Lift end stancion and bracket slightly and slide fuel tank to the rear and off trailer bed.

(6) Purge and clean fuel tank in accordance with TB ORD 1031.

*b. Installation.* Installation is reverse procedure of removal. Install new fuel filters before reinstalling gage assembly. Clean fuel filler screen before reinstalling fuel filler neck.

#### **20-9. Rack Assemblies**

(figs. 20-1 and 20-2)

##### *a. Removal*

(1) Remove load from rack assembly.

(2) Remove nuts, washers, and capscrews that secure rack to trailer bed and remove rack.

##### *b. Disassembly*

(1) Remove nuts, washers, and capscrews that secure clamp to rear stancion. Remove clamp.

(2) Remove nuts, washers, and capscrews that secure roller supports to the rack. Remove rollers.

(3) Knock out rivets and remove nylon

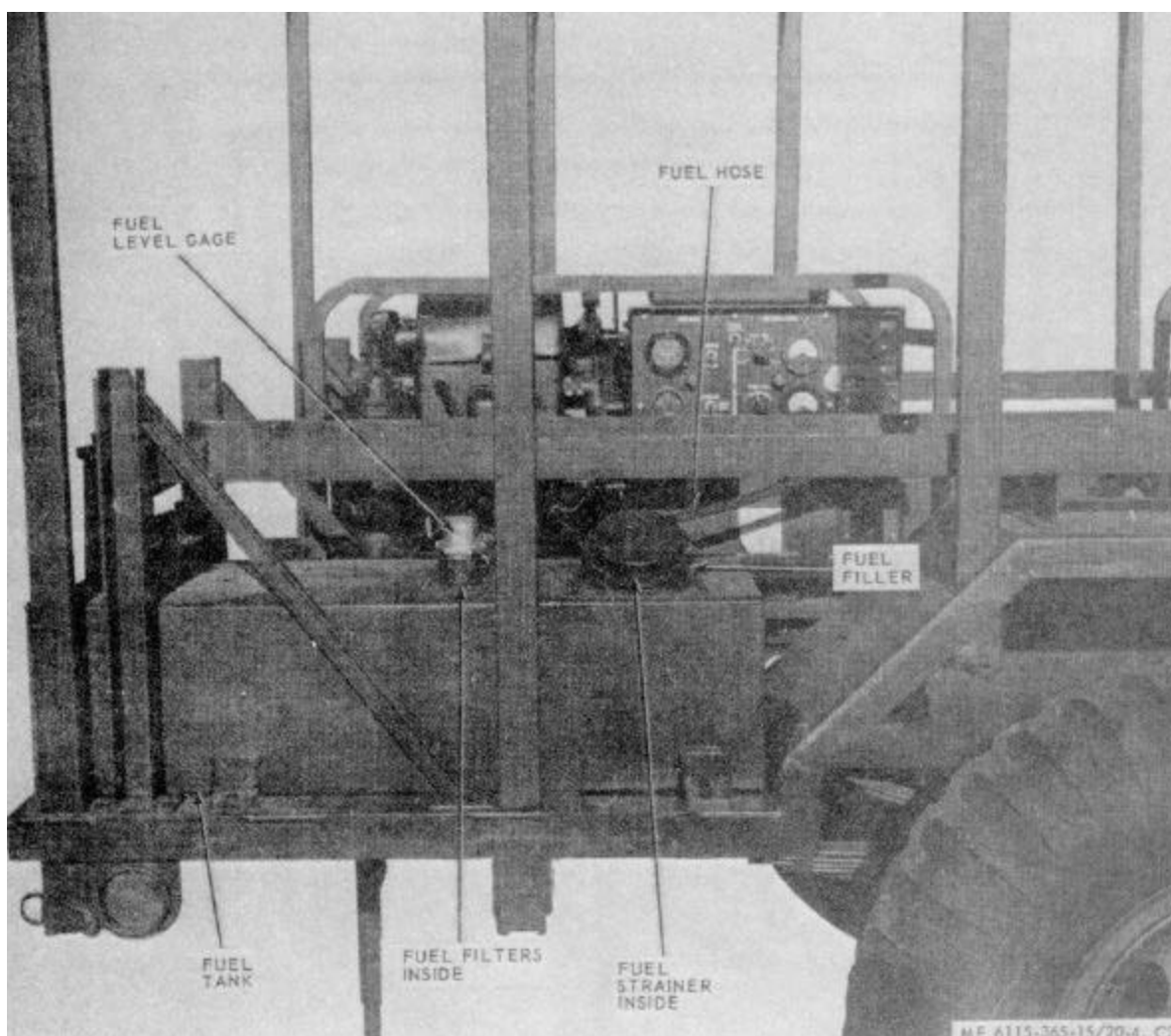


Figure 20-4. Fuel system components

runners from racks if nylon is to be replaced.

c. *Reassembly.* Using serviceable parts, reassembly is reverse of procedure b above. Attach nylon runners with rivets. Make sure the roller supports are attached with the beveled edge to the outside of stancion.

d. *Installation.* Installation is reverse of procedure a above. Cover nylon runners with cloth tape if load is not to be reinstalled on rack. Touch up with paint after reassembly.

## 20-10. Accessory Box

(Fig. 20-5)

### a. Removal

(1) Remove contents of box and stow in safe place.

(2) Remove nuts, washers, and capscrews that secure box to trailer bed. Remove box.

b. *Installation.* Installation is reverse procedure of removal, a above.

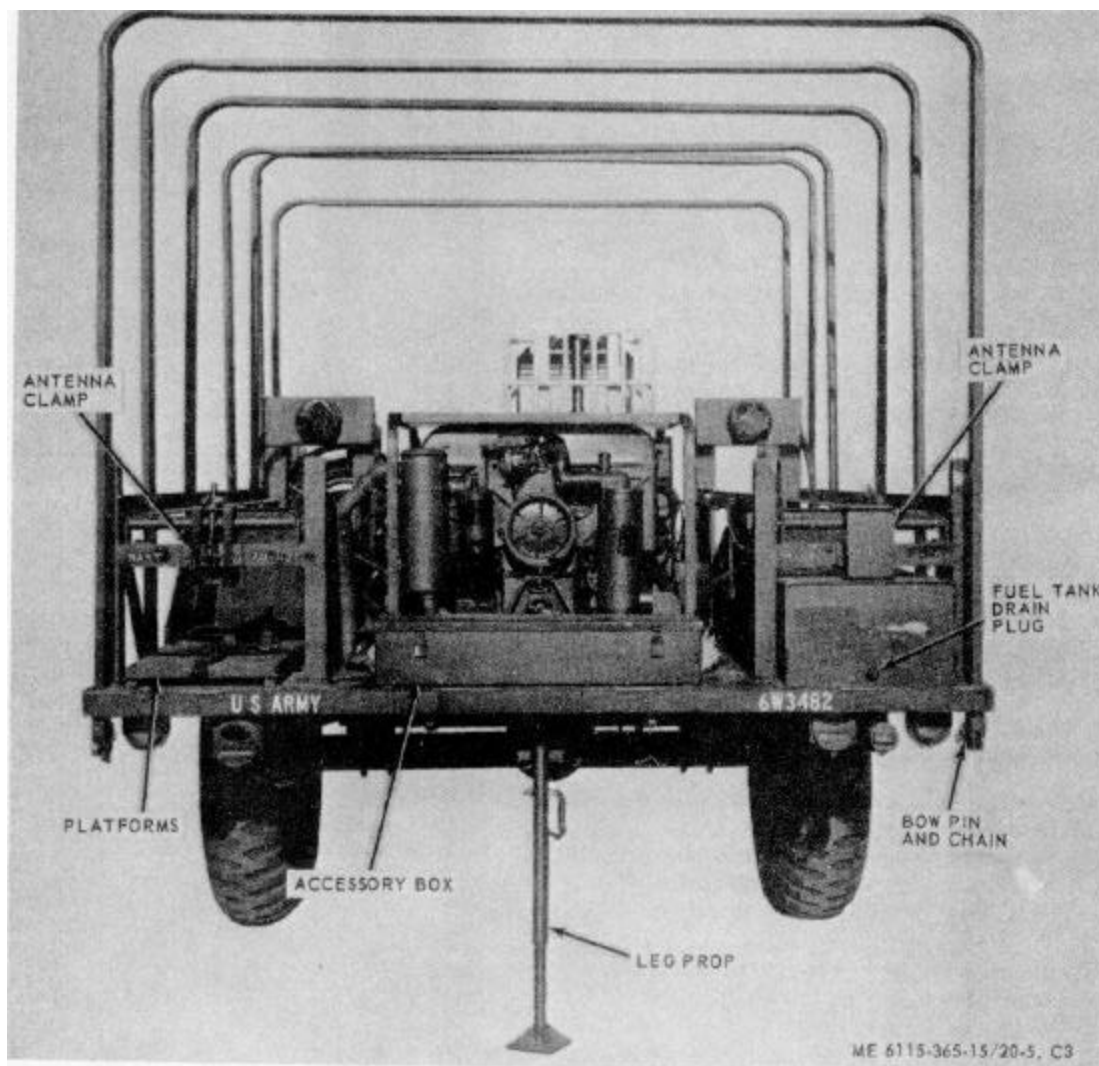


Figure 20-5. PU-631/G, rear view

#### 20-11. Cable Reel

(Fig. 20-6)

##### a. Removal

(1) Remove pin from reel shaft and unscrew shaft from reel support. Remove cable reel.

(2) Remove nuts, washers, and capscrews that secure reel supports to trailer bed and remove supports.

b. *Installation.* Installation is reverse of removal, a above.

#### 20-12. Platforms

(Fig. 20-5)

a. *Removal.* Remove nuts, washers, and capscrews that secure perforated platforms to trailer bed and remove platforms.

b. *Repair.* Repair platforms by replacement of webbing straps, buckles, and strap ends.

c. *Installation.* Installation is reverse of removal, a above.



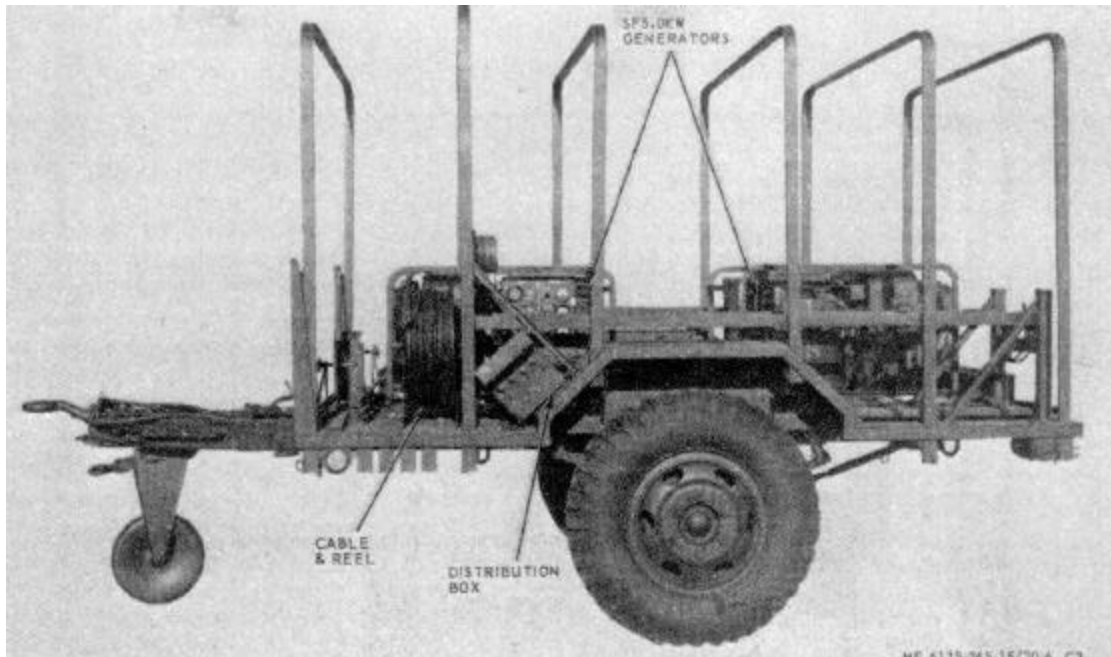


Figure 20-6. Electrical distribution system.

### 20-13. Tarpaulin, Roof Bows, and Leg Prop

(Fig. 20-5)

#### a. Removal

- (1) Remove tarpaulin from unit.
- (2) Pull out chain-secured pins that secure roof bows to trailer bed and remove bows.
- (3) Remove nuts, washers, and capscrews that secure leg prop to rear of trailer and remove leg prop.

#### b. Cleaning and Inspection.

- (1) Clean tarpaulin and bows with water and detergent. Clean leg prop with cleaning solvent. Dry thoroughly.
- (2) Inspect tarpaulin for tears, holes, broken or missing ropes and straps, and other defects.

Inspect bows and leg prop for cracks, bends, or other defects.

c. *Installation.* Installation is reverse of procedure a above. Be sure tarpaulin is treated for waterproofing and mildew resistance before reinstalling.

### 20-14. Transfer Switch Indicating Lamp Replacement

Unscrew defective lamp from transfer switch box and remove gasket. Install gasket on replacement lamp and screw into base socket in transfer box.

## Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

### 20-15. Generator Set

(Fig. 20-7)

#### a. Removal.

- (1) Disconnect fuel line at generator set.
- (2) Disconnect electrical leads and load cables.

- (3) Disconnect oil drain adapter.
- (4) Remove the battery.
- (5) Disconnect exhaust pipe from engine.
- (6) Remove nuts, washers, and cap

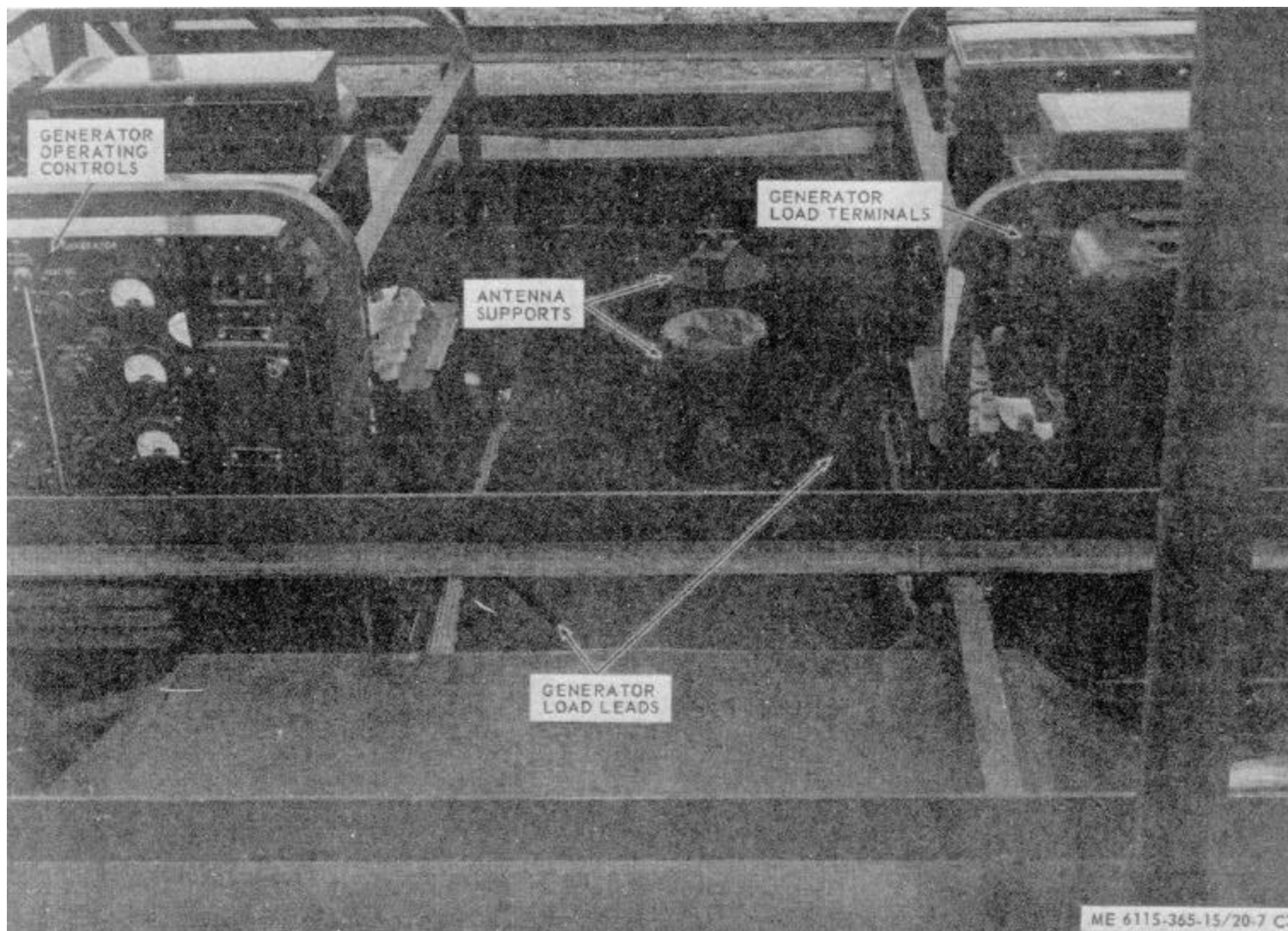


Figure 20-7. Generator sets

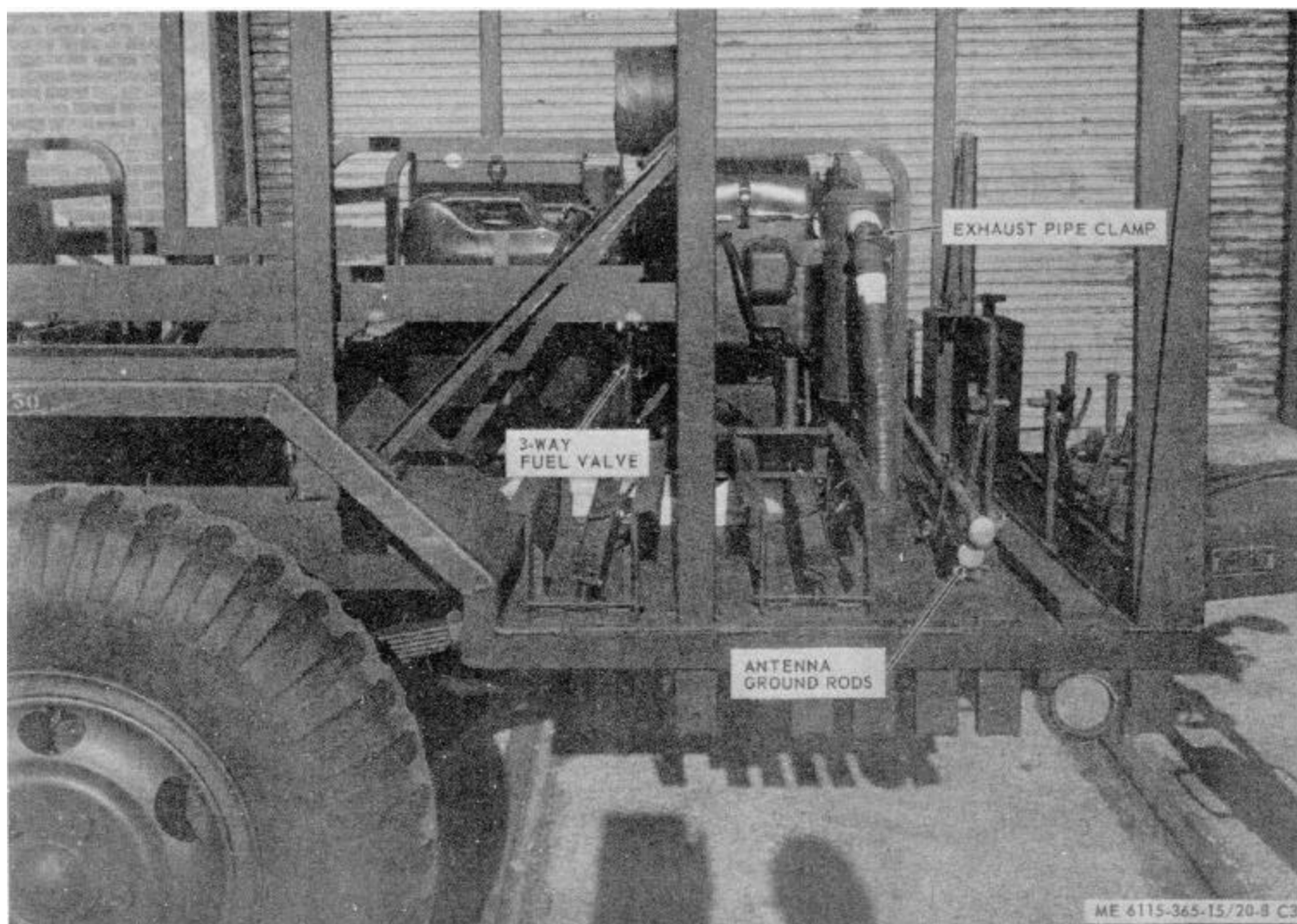


Figure 20-8. Ground rod, brackets, and holddowns

screws that secure generator set to trailer body and remove generator set.

*b. Installation.* Installation is reverse of removal procedure *a* above. Make sure that the bevel washers are properly positioned so that generator set is securely mounted to the trailer body.

## 20-16. Generator Transfer Switch

### *a. Removal* (Fig. 20-6)

(1) Disconnect the load lines and the ground wire at the distributor box.

(2) Disconnect the generator load lines from the generators and loosen the cable clamps so that the cables will be removed with the distribution box.

(3) Remove nuts, washers, and capscrews that secure distribution box to the trailer body and remove box and cables as an assembly.

*b. Disassembly.* Refer to figure 20-9 and disassemble the distribution box components. Tag the cable ends for proper reassembly.

*c. Reassembly.* Reassembly is reverse of disassembly procedure *b* above.

*d. Installation.* Installation is reverse of removal procedure *a* above. Refer to figure 20-3 to assure that electrical load cables are properly connected.

## 20-17. Trailer Body

### *a. Removal*

(1) Remove tarpaulin and roof bows (para 20-13).

(2) Remove rack assemblies (para 20-9).

(3) Remove accessory box (para 20-10).

(4) Remove fuel tank (para 20-8).

(5) Remove platforms (para 20-12).

(6) Remove cable reel (para 20-11).

(7) Remove distribution box (para 20-16).

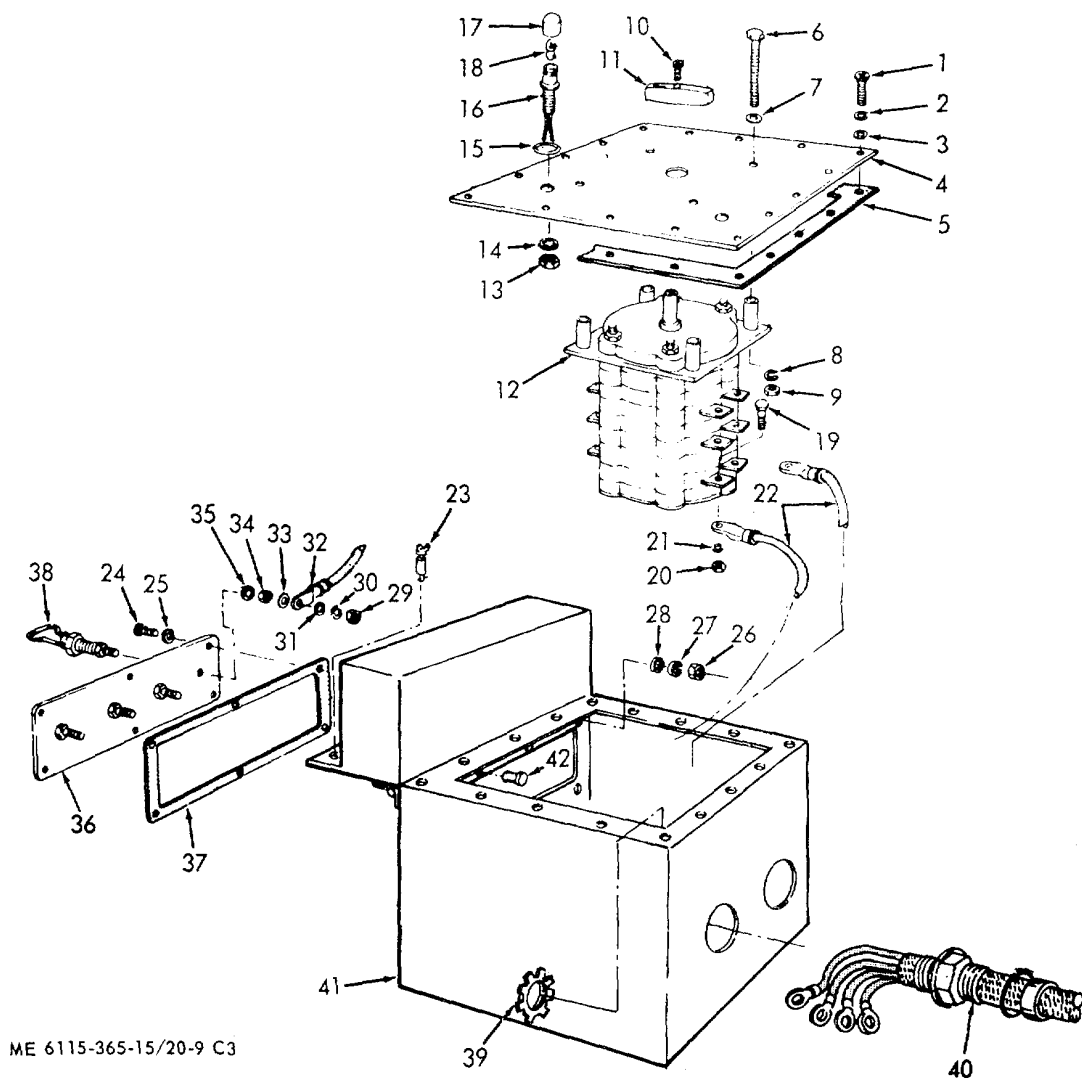
(8) Remove generator sets (para 20-15).

(9) Remove remaining racks and holders (Fig. 20-8).

(10) Disconnect and tag trailer wiring beneath trailer bed.

(11) Remove nuts, washers, and bolts that secure trailer body to chassis and remove body.

*b. Installation.* Using a serviceable trailer body, reverse removal procedure *a* above. Apply touch-up paint to securing hardware after complete reassembly. Connect electrical system to prime mover and check for proper operation of lights and signals.



ME 6115-365-15/20-9 C3

- |                    |                        |                        |
|--------------------|------------------------|------------------------|
| 1 Screw            | 15 Preformed packing   | 29 Hex nut             |
| 2 Lockwasher       | 16 Light and wire assy | 30 Lockwasher          |
| 3 Flat washer      | 17 Lens                | 31 Flat washer         |
| 4 Cover            | 18 Lamp                | 32 Electrical lead     |
| 5 Gasket           | 19 Screw               | 33 Flat washer         |
| 6 Screw            | 20 Hex nut             | 34 Hex nut             |
| 7 Flat washer      | 21 Lockwasher          | 35 Lockwasher          |
| 8 Lockwasher       | 22 Electrical lead     | 36 Terminal board      |
| 9 Hex nut          | 23 Fastener            | 37 Gasket              |
| 10 Screw           | 24 Screw               | 38 Terminal lug        |
| 11 Knob            | 25 Flat washer         | 39 Locknut             |
| 12 Transfer switch | 26 Hex nut             | 40 Stuffing tube assy  |
| 13 Hex nut         | 27 Lockwasher          | 41 Transfer switch box |
| 14 Lockwasher      | 28 Flat washer         | 42 Rivet               |

Figure 20-9. Generator distribution box

20-12

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00025	5305-989-7435	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 5/8 IN. LG MS35207-264 (96906)	EA	22					20-15	14
X2 O 00026		TANK, FUEL 13216E7567 (97403)	EA	1					20-15	1
X2 O 00027	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC, TANK MTG MS27183-12 (96906)	EA	4					20-15	3
X2 O 00028	5310-045-3296	WASHER, LOCK: NO 10, NOM. SIZE, NECK MTG MS35338-43 (96906)	EA	22					20-15	15
X2 O 00029	5310-045-3296	WASHER, LOCK: NO. 10 NOM. SIZE, MS35338-43 (96906)	EA	14					20-15	10
X2 O 00030	5310-014-5850	WASHER, FLAT MS27183-42 (96906)	EA	3					20-10	45
X2 O 00031	5310-014-5850	WASHER, FLAT: NO. 10-32 THD SIZE MS27183-42 (96906)	EA	4					20-10	50
00032		GROUP 15 - FRAME								
00035		1507 - LEVELING JACKS								
X2 O 00036	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906)	EA	3					20-13	22
X2 O 00037	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	3					20-13	23
P O 00038	2590-318-6691	TRAILER LED PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	*	*	20-13	24
00039		GROUP 18 - BODY								
00040		1808 - STOWAGE RACKS, BOXES AND CABLE REELS								
MD O 00041	6115-01-155-5363	ACCESSORY BOX 13205E4949 (97403)	EA	1					20-10	56
X2 O 00042		BRACKET, REEL 13205E5092 (97403)	EA	1					20-10	98
X2 O 00043	5340-999-6277	BRACKET, ASSEMBLY, SLEDGE HAMMER 13214E1214 (97403)	EA	1					20-11	18
X2 O 00044	2590-932-7298	CLAMP, GROUND ROD 13212E3617 (97403)	EA	4					20-11	14
X2 O 00045	2590-932-7298	CLAMP, GROUND ROD: 6 FT 13212E3617 (97493)	EA	2					20-10	10
X2 O 00046	5340-914-2578	CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1					20-11	23
X2 O 00047		HOLDER ASSEMBLY 13216E7506 (97403)	EA	1					20-10	25
X2 O 00048		HOLDER 13216E7508 (97403)	EA	1					20-18	1
X2 O 00049		CLAMP 13216E7507 (97403)	EA	1					20-18	3
X2 O 00050		KNOB: 5/16-18 UNC 2B 13205E5105-2 (97403)	EA	1					20-18	2
X2 O 00051	5315-143-6284	PIN, SPRING, CORROSION RESISTANT STEEL, 1/8 IN. DIA X 1 IN. LG MS171534 (96906)	EA	1					20-18	5

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00052		SHAFT 13216E7509 (97403)	EA	1					20- 18	4
X2 O 00053		HOLDER ASSEMBLY 13216E7493 (97403)	EA	2					20- 10	21
X2 O 00054		HOLDER 13216E7495 (97403)	EA	1					20- 18	6
X2 O 00055		CLAMP 13216E7494 (97403)	EA	1					20- 18	7
X2 O 00056		KNOB: 5/16-18 UNC 2B 13205E5105-2 (97403)	EA	1					20- 18	11
X2 O 00057	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	1					20- 18	15
X2 O 00058	5315-842-3044	PIN, COTTER 3/32 IN. NOR. DIA X 3/4 IN. LG MS24665-283 (96906)	EA	2					20- 18	10
X2 O 00059	5315-842-3044	PIN, COTTER: 3/32 IN. NOM. DIA X 3/4 IN. LG MS24665-283 (96906)	EA	2					20- 18	14
X2 O 00060		TEE 13216E7496 (97403)	EA	1					20- 18	8
X2 O 00061		TEE 132167496 (97403)	EA	1					20- 18	12
X2 O 00062	5310-081-4219	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-12 (96906)	EA	3					20- 18	9
X2 O 00063	5310-081-4219	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-12 (96906)	EA	3					20- 18	13
12 O 00064	5310-933-8121	WASHER, LOCK: 1/4 IN. NOM. SIZE MS35338-139 (96906)	EA	2					20- 13	8
X2 O 00065	5310-080-8495	NUT, PLAIN, WING: 1/4-20 UNC 2B MS35425-39 (96906)	EA	2					20- 13	7
12 O 00066	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	12					20- 10	2
X2 O 00067	5310-088-1251	NUT, SELF-LOCKING, HEXAGON 1/4-20 UNC MS51922-1 (96906)	EA	4					20- 10	7
X2 O 00068	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	8					20- 10	22
X2 O 00069	5310-984-3806	NUT, SELF-LOCKING: 5/16-18 UNC MS51922-9 (96906)	EA	8					20- 10	26
X2 O 00070	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: MS51922-1 (96906)	EA	4					20- 10	57
X2 O 00071	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	16					20 10	67
X2 O 00072	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	3					20- 10	81
X2 O 00073	5310-088-1251	NUT, SELF-LOCK, HEXAGON 1/4-20 UNC MS51922-1 (96906)	EA	3					20- 10	84
X2 O 00074	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4					20- 10	99



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG	(b) ITEM
		REF NUMBER & MFG CODE			1-5	6-20	21-50	51-100	NO.	NO.
X2 O 00075	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	16					20- 11	7
X2 O 00076	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	8					20- 11	15
X2 O 00077	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2					20- 11	19
X2 O 00078	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	1					20- 11	24
X2 O 00079	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	16					20- 16	2
X2 O 00080	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	16					20- 16	5
X2 O 00081	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	16					20- 17	1
X2 O 00082	5310-984-3806	NUT, SELF-LOCKING MS51922-9 (96906)	EA	16					20- 17	4
P O 00083	5315-059-0206	PIN, COTTER: STEEL CADMIUM PLATED, 3/16 IN. DIA X 1 IN. LG, REEL SHAFT MS24665-491 (96906)	EA	1	*	*	*	*		
X2 O 00084		PLATFORM 13216E7503 (97403)	EA	4					20- 10	66
X2 O 00085		RACX 13216E7497 (97403)	EA	1					20- 10	5
X2 O 00086		RACK 13216E7502 (97403)	EA	2					20- 11	6
X2 O 00087		RACK ASSEMBLY, CURBSIDE 13216E7513 (97403)	EA	1					20- 10	41
X2 O 00088		RACK, CURBSIDE 13216E7514 (97403)	EA	1					20- 17	7
X2 O 00089		BRACKET 13216E7517 (97403)	EA	1					20- 17	12
X2 O 00090		BRACKET 13216E7521 (97403)	EA	2					20- 17	13
X2 O 00091		CLAMP 13216E7515 (97403)	EA	1					20- 17	22
X2 O 00092	5310-877-5797	NUT, SELF-LOCKING. NO. 10-32 UNF 3B MS21044N3 (96906)	EA	26					20- 17	9
X2 O 00093	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	4					20- 17	14
X2 O 00094	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2					20- 17	19
X2 O 00095	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2					20- 17	27
X2 O 00096	5315-839-5822	PIN, COTTER: 1/8 X 1 IN. LG MS24665-353 (96906)	EA	1					20- 17	23
X2 O 00097	5315-842-3154	PIN, STRAIGHT HEADED:1/2 X 1 27/64 IN. LG MS35810-36 (96906)	EA	1					20- 17	25
X2 O 00098		RUNNER, NYLON 13216E7520 (97403)	EA	2					20- 17	8

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE			1-5	6-20	21-50	51-100		
X2 O 00099	5305-071-2234	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	4					20- 17	16
X2 O 00100	5305-071-2234	SCREW, CAP, HEXAGON READ: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2					20- 17	21
X2 O 00101	5305-071-2234	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2					20- 17	29
X2 O 00102	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	26					20- 17	11
X2 O 00103		SUPPORT, ROLLER 13216E7518 (97403)	EA	1					20- 17	18
X2 O 00104		SUPPORT, ROLLER 13216E7519 (97403)	EA	1					20- 17	26
X2 O 00105	5310-809-8546	WASHER, FLAT: NO. 10-32 BSC SIZE MS27183-8 (96906)	EA	26					20- 17	10
X2 O 00106	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	4					20- 17	15
X2 O 00107	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2					20- 17	20
X2 O 00108	5310-809-5998	WASHER, FLAT: 1/2 IN. BSC SIZE MS27183-18 (96906)	EA	1					20- 17	24
X2 O 00109	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2					20- 17	28
X2 O 00110		RACK ASSEMBLY, ROADSIDE 13216E7511 (97403)	EA	1					20- 10	65
X2 O 00111		RACK, ROADSIDE 13216E7512 (97403)	EA	1					20- 16	1
X2 O 00112		BRACE: 3.62 IN. LG 13216E7522-2 (97403)	EA	1					20- 10	80
X2 O 00113		BRACKET: 13216E7517 (97403)	EA	1					20- 16	12
X2 O 00114		BRACKET 13216E7521 (97403)	EA	2					20- 16	13
X2 O 00115		CLAMP 13216E7515 (97403)	EA	1					20- 16	22
X2 O 00116	5310-877-5797	NUT, SELF-LOCKING, HEXAGON: NO. 10-32 UNF 38 MS21044N3 (96906)	EA	26					20- 16	9
X2 O 00117	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4					20- 16	14
X2 O 00118	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1/4-20 UNC MS51922-1 (96906)	EA	2					20- 16	19
X2 O 00119	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1/4-20 UNC MS51922-1 (96906)	EA	2					20- 16	27
X2 O 00120	5315-839-5822	PIN, COTTER: 1/8 IN. DIA X 1 IN. LG MS24665-353 (96906)	EA	1					20- 16	23
X2 O 00121	5315-842-3154	PIN, STRAIGHT HEADED:1/2 IN. DIA X 1 27/64 IN. LG MS35810-36 (96906)	EA	1					20- 16	25
X2 O 00122		ROLLER 13216E7523 (97403)	EA	1					20- 16	17

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION		
					(a)	(b)	(c)	(d)	(a)	(b)	
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.	
		REF NUMBER & MFG CODE									
X2 O 00123	5305-071-2234	ROLLER 13216E7523 (97403)	EA	1					20- 17	8	
X2 O 00124		RUNNER, NYLON 13216E7520 (97403)	EA	2					20- 16		
X2 O 00125		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	4					20- 16		
X2 O 00126		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2					20- 16		
X2 O 00127		SCREW, CAP, HEXAGON HEAD:1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2					20- 16	29	
X2 O 00128	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	26					20- 16		11
X2 O 00129	5310-809-8546	SUPPORT, ROLLER 13216E7518 (97403)	EA	1					20- 16	18	
X2 O 00130		SUPPORT, ROLLER 13216E7519 (97403)	EA	1					20- 16		26
X2 O 00131		WASHER, FLAX: NO. 10-32 BSC SIZE MS27183-8 (96906)	EA	26					20- 16	10	
X2 O 00132		5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	4						20- 16
X2 O 00133		5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2					20- 16	20
X2 O 00134	5310-809-5998	WASHER, FLAT: 1/2 IN. BSC SIZE MS27183-18 (96906)	EA	1					20- 16	24	
X2 O 00135	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2					20- 16		28
X2 O 00136	5306-225-9081	REEL, CABLE 13214E1425 (97403)	EA	1					20- 10	97	
X2 O 00137		SCREW, CAP, HEXAGON HEAD:5/16-18 X 1 1/4 IN. LG MS90725-36 (96906)	EA	6					20- 10		4
X2 O 00138		5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	8					20- 10	
X2 O 00139		5306-225-9081	SCREW, CAP, HEXAGON HEAD: 5/16 X 1 1/4 IN.LG MS90725-36 (96906)	EA	8					20- 10	28
X2 O 00140		5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	4					20- 10	
X2 O 00141	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. IL MS90725-8 (96906)	EA	16					20- 10	69	
X2 O 00142	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	3					20- 10		83
X2 O 00143	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	3					20- 10	86	
X2 O 00144	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	4					20- 10		101
X2 O 00145	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	2					20- 11	21	

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE			1-5	6-20	21-50	51-100		
X2 O 00146	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	1					20- 11	26
X2 O 00147	5305-721-8010	SCREW, CAP, HEXAGON: 1/4-20 X 2 IN. LG MS35307-314 (96906)	EA	2					20- 13	10
X2 O 00148	5305-225-3839	SCREW, CAP, HEXAGON HEAD:1/4-20 UNC X 1 IN. LG MS90725-8 (96906)	EA	16					20- 16	4
X2 O 00149	5305-225-8499	SCREW, CAP, HEXAGON HEAD:5/16-18 X 1 IN. LG MS90725-A4 (96906)	EA	16					20- 16	7
X2 O 00150	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	16					20- 17	3
X2 O 00151	5305-225-8499	SCREW, CAP, HEXAGON HEAD :5/16-18 X 1 IN. LG MS90725-34 (96906)	EA	16					20- 17	6
X2 O 00152	5305-225-3839	SCREW, MACHINE: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	8					20- 11	17
X2 O 00153	5305-958-6073	SCREW, MACHINE: 82 DEG, FLAT, 5/16-18 X 1 3/4 IN. LG MS35190-309 (96906)	EA	6					20- 10	1
X2 O 00154	5309-071-2241	SCREW, MACHINE: 82 DEG, FLAT, 1/4-20 X 1 1/4 IN. LG MS90725-10 (96906)	EA	4					20- 10	9
X2 O 00155		SHIELD 13216E7433 (97403)	EA	1					20- 13	6
X2 O 00156		SUPPORT, REEL 13205E5093 (97403)	EA	1					20- 10	102
X2 O 00157	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	12					20- 10	3
X2 O 00158	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	4					20- 10	8
X2 O 00159	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	8					20- 10	23
X2 O 00160	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	8					20- 10	27
X2 O 00161	5310-809-3078	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-11 (96906)	EA	4					20- 10	58
X2 O 00162	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	16					20- 10	68
X2 O 00163	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	3					20- 10	82
X2 O 00164	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	3					20- 10	85
X2 O 00165	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	4					20- 10	100
X2 O 00166	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	16					20- 11	8
X2 O 00167	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	8					20- 11	16
X2 O 00168	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	2					20- 11	20
X2 O 00169	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	1					20- 11	25

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00170	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4					20- 13	9
X2 O 00171	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	16					20- 16	3
X2 O 00172	5310-081-4219	WASHER, FLAT: 5/16-18 IN. BSC SIZE MS27183-12 (96906)	EA	16					20- 16	6
X2 O 00173	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	16					20- 17	2
X2 O 00174	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	16					20- 17	5
00175		1810 - CARGO BODY								
X2 O 00178		BRACE 13216E7522-1 (97403)	EA	1					20- 10	33
X2 O 00180	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC MS51922-17 (969065)	EA	12					20- 13	1
X2 O 00181	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	3					20- 10	34
X2 O 00182	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	3					20- 10	37
X2 O 00184	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 IN. LG MS90725-60 (96906)	EA	16					20- 13	5
X2 O 00185	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. L5 MS90725-6 (96906)	EA	3					20- 10	36
X2 O 00186	5305-225-3839	SCREW, CAP, HEXAGON HEAD:1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	3					20- 10	39
X2 O 00189	5310-080-6004	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	16					20- 13	3
X2 O 00190	5310-637-9541	WASHER, LOCK: 3/8 IN. NON. BSC SIZE MS35338-46 (96906)	EA	4					20- 13	2
X2 O 00191	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	3					20- 10	35
X2 O 00192	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	3					20- 10	38
00193		GROUP 22 - BODY ACCESSORY ITEMS								
00194		2201 - CANVAS ITEMS								
X2 O 00195	5340-764-2334	LOOP, STRAP, FASTENER: 1 1/4 IN. SIZE MS51939-1 (96906)	EA	7					20- 10	71
X2 O 00196	5340-764-2334	LOOP, STRAP, FASTENER: 1 1/4 IN. SIZE MS51939-1 (96906)	EA	6					20- 10	76
X2 O 00197	5340-764-2334	LOOP, STRAP, FASTENER: 1 1/4 IN. SIZE MS51939-1 (96906)	EA	1					20- 10	88
X2 O 00198	5310-811-3494	NUT, SELF-LOCKING, HEXAGON NO. 8-32 UNC 3B MS21044008 (96906)	EA	14					20- 10	72
X2 O 00199	5310-811-3494	NUT, SELF-LOCKING HEXAGON: NO. 8-32 UNC 3B MS21044N08 (969065)	EA	12					20- 10	77
X2 O 00200	5310-811-3494	NUT, SELF-LOCKINGHEXAGON: NO. 8-32 UNC 3B MS21044N08 (96906)	EA	2					20- 10	89

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
X2 O 00201	5305-984-6195	SCREW, MACHINE: PAN HEAD, NO. 8-32 X 3/4 IN. LG MS35206-247 (96906)	EA	14					20- 10	74
X2 O 00202	5305-984-6195	SCREW, MACHINE: PAN HEAD, NO. 8-32 X 3/4 IN. LG MS35206-247 (96906)	E	2					20- 10	79
X2 O 00203	5305-984-6195	SCREW, MACHINE: PAN HEAD, NO. 8-32 X 3/4 IN. LG MS35206-247 (96906)	EA	2					20- 10	91
P O 00204	5340-195-5656	STRAP, WEBBING: 22 IN. LG 13216E7504 (97403)	EA	7	*	*	*	*	20- 10	70
P O 00205	5340-197-5029	STRAP, WEBBING: 21 IN. LG 13216E7505-1 (97403)	EA	6	*	*	*	*	20- 10	75
P O 00206	5340-409-3880	STRAP, WEBBING: 34 IN. LG 13216E7505-2 (97403)	EA	1	*	*	*	*	20- 10	87
P OR 00207	6115-459-5946	TARPAULIN 13216E7434 (97403)	EA	1	*	*	*	2	20- 13	12
X2 O 00208		WASHER, FLAT: NO. 8-32 BSC SIZE MS27183-41 (96906)	EA	14					20- 10	73
X2 O 00209		WASHER, FLAT: NO. 8-32 BSC SIZE MS27183-41 (96906)	EA	12					20- 10	78
X2 O 00210		WASHER, FLAT: NO. 8-32 BSC SIZE MS27183-41 (96906)	EA	2					20- 10	90
00211		2202 - ACCESSORY ITEMS								
P O 00212	2540-924-8478	BOW, TRAILER TARPAULIN: 68 IN. H 13212E3597-1 (97.403)	EA	4	*	*	*	*	20- 13	11
P O 00213	2540-926-1003	BOW, TRAILER TARPAULIN: 55.75 IN. H 13212E3597-2 (97403)	EA	2	*	*	*	*	20- 13	13
X2 O 00214	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 IN. UNC MS51922-1 (96906)	EA	8					20- 13	15
X2 O 00215	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:1/4-20 IN. UNC MS51922-1 (96906)	EA	4					20- 13	19
P O 00216	9905-202-3639	REFLECTOR, AMBER CLEARANCE INDICATOR MS35387-2 (96906)	EA	2	*	*	*	*	20- 13	18
P O 00217	9905-205-2795	REFLECTOR, RED, CLEARANCE INDICATOR MS35387-1 (96906)	EA	4	*	*	*	2	20- 13	14
P O 00218	5975-928-8865	ROD, GROUND: 6 FT MILR11461TYPE2STYLE3 (81349)	EA	2	*	*	*	*	20- 10	6
X2 O 00219	5305-068-0500	SCREW, CAP, HEXAGON HEAD:1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	8					20- 13	17
X2 O 00220	5305-068-0500	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	4					20- 13	21
X2 O 00221	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8					20- 13	16
X2 O 00222	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4					20- 13	20
00223		2210 - DATA PLATES								
X2 O 00224		PLATE, IDENTIFICATION:GROUND TERMINAL 13205E4918 (97403)	EA	1					20- 10	96

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00225		PLATE, IDENTIFICATION: PU-631/G 13205E4916-23 (97403)	EA	1					20- 10	16
X2 O 00226		PLATE, INFORMATION: WIRING DIAGRAM 1321E3587(97403)	EA	1						
00227		GROUP 29 - AUXILIARY GENERATORS AND ENGINE								
00234		2941 - ENGINE EXHAUST								
X2 O 00235	6115-947-3335	ELBOW, STREET: 45 DEG SAEJ926 (81343)	EA	2					20- 10	64
X2 O 00236		EXHAUST, TUBE 13214E1487 (97403)	EA	1					20- 10	17
X2 O 00237	6115-947-3335	EXHAUST, TUBE 13214E487 (97403)	EA	1					20- 10	60
X2 O 00238	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2					20- 10	18
X2 O 00239	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2					20- 10	61
X2 O 00240	5305-071-2242	SCREW, CAP, HEXAGON: 1/4-20X 1 1/8 IN. LG MS90725-0 (96906)	EA	2					20- 10	63
X2 O 00241	5305-071-2242	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 1/8 IN. LG MS90725-9 (96906)	EA	2					20- 10	20
X2 O 00242	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	2					20- 10	19
X2 O 00243	5310-809-3078	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-11 (96906)	EA	2					20- 10	62
00244		GROUP 42 - ELECTRICAL EQUIPMENT								
00245		4202 - ELECTRICAL CONTROLS								
X2 O 00260	5305-989-7434	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 1/2 IN. LG MS35206-263 (96906)	EA	16					20- 14	14
PO 00265A		KNOB SWITCH ROTARY 06000-1 (82121)	EA	1					20- 14	30
X2 O 00269	5310-809-8546	WASHER, FLAT: NO. 10 SCREW SIZE MS27183-8 (96906)	EA	16					20- 14	16
00282		4216 - MISCELLANEOUS WIRING AND FITTINGS								
X2 O 00285		CLAMP, CABLE, SINGLE 13212E3612 (97403)	EA	1					20- 10	29
X2 O 00286	5340-778-2738	CLAMP, LOOP: SINGLE CABLE MS21333-2 (96906)	EA	2					20- 11	5
O 00287	5340-978-6063	CLAMP, LOOP: DOUBLE CABLE MS21334-30 (96906)	EA	3	•	•	•	•	20- 10	52
X2 O 00288		CLAMP, CABLE, DOUBLE: 15/16 IN. H 13212E3591-2 (97403)	EA	1					20- 10	92
O 00289	5340-930-1754	CLAMP, LOOP, DOUBLE: .188 IN. NOM. ID MS21334-2 (96906)	EA	2	•	•	•	•	20- 11	5

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
X2 O 00293	5310-918-6921	NUT, PLAIN, HEXAGON: JAM, 3/8-16 UNC 2B MS16203-39 (96906)	EA	3					20- 11	31
X2 O 00294	5310-918-6921	NUT, PLAIN, HEXAGON: JAM MS16203-39 (96906)	EA	1					20- 11	34
X2 O 00295	5310-543-4717	NUT, PLAIN, WING: 3/8-16 UNC 2B MS35425-28 (96906)	EA	1					20- 11	29
X2 O 00296	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2					20- 10	30
X2 O 00297	5310-877-5797	NUT, SELF-LOCKING: NO. 10-32 UNF 3B MS21044N3 (96906)	EA	3					20- 10	53
X2 O 00298	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2					20- 10	93
X2 O 00299	5310-877-5797	NUT, SELF-LOCKING, HEXAGON: NO. 10-32 UNF 3B MS21044N3 (96906)	EA	2					20- 11	2
X2 O 00300	5310-877-5797	NUT, SELF-LOCKING, HEXAGON: NO. 10-32 UNF 3B MS21044N3 (96906)	EA	2					20- 11	2
X2 O 00301	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2					20- 10	32
X2 O 00302	5305-071-2242	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 1/8 IN. LG MS90725-9 (96906)	EA	2					20- 10	95
X2 O 00303	5305-543-4718	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS35309-358 (96906)	EA	1					20- 11	36
X2 O 00304	5305-984-7341	SCREW, MACHINE: NO. 10-32 X 5/8 IN. LG MS35191-273 (96906)	EA	3					20- 10	55
X2 O 00305	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	2					20- 11	4
X2 O 00306	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	2					20- 11	4
X2 O 00307	5307-722-9437	STUD, GROUNDING 13214E1223 (97403)	EA	1					20- 11	28
X2 O 00308	5940-688-6010	TERMINAL, LUG: CRIMP STYLE, 3/8 IN. MS20659-110 (96906)	EA	3					20- 11	27
P O 00309	5940-114-1310	TERMINAL, LUG: CRIMP, NO. 6 WIRE, IOSD MS25036-119TYPE2CL1 (96906)	EA	1	*	*	*	*		
X2 O 00310	5940-688-6010	TERMINAL, LUG: 3/8 IN. STUD, NO. 6 WIRE MS20659- 10 (96906)	EA	1					20- 11	33
X2 O 00312	5310-187-2413	WASHER, FLAT: ELECTRIC, 3/8 IN. BSC SIZE AN961-616T (88044)	EA	4					20- 11	30
X2 O 00313	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	2					20- 10	31
X2 O 00314	5310-014-5850	WASHER, FLAT: NO. 10-32 BSC SIZE MS27183-42 (96906)	EA	3					20- 10	54
X2 O 00315	5310-809-3078	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-11 (96906)	EA	2					20- 10	94



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
X2 O 00316	5310-014-5850	WASHER, FLAT: NO. 10-32 BSC SIZE MS27183-42 (96906)	EA	2					20- 11	3
X2 O 00317	5310-014-5850	WASH, FLAT: NO. 10-32 BSC SIZE MS27183-42 (96906)	EA	2					20- 11	3
X2 O 00318	5310-913-9776	WASHER, LOCK: 3/8 IN. NON. SIZE MS35335-91 (96906)	EA	2					20- 11	32
X2 O 00319	5310-913-9776	WASHER, LOCK: 3/8 IN. NOM. SIZE MS35335-91 (96906)	EA	1					20- 11	35
P O 00320	6145-395-8799	WIRE, ELECTRICAL: 6 FT. LG, NO. 6 AWG QQW343TYPERB (81348)	FT	1	*	*	*	*	20- 11	1
P O 00322	6145-395-8799	WIRE, ELECTRICAL: 8 FT. LG, NO. 6 AWG QQW343TYPERB (81348)	FT	1	*	*	*	*		
P O 00323	6145-395-8799	WIRE, ELECTRICAL: 5 FT LG, NO. 6 AWG QQW343TYPERB (81348)	FT	1	*	*	*	*		
P O 00324	6145-395-8799	WIRE, ELECTRICAL: 1 FT LG, NO. 6 AWG QQW343TYPERB (81348)	FT	1	*	*	*	*		
P O 00325	6145-395-8799	WIRE, ELECTRICAL: DRAWN AND ANNEALED (AS REQUIRED) QQW343TYPERB (81348)	FT		*	*	*	*		

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00001		PART II - PU-631/G												
00002		REPAIR PARTS FOR DS, GS AND												
00003		DEPOT MAINTENANCE												
P O	2910-141-9758	GROUP 03 - FUEL SYSTEM												
00004		0306 - TANKS, LINES AND FITTINGS	EA	1	*	*	2	*	*	2	10	10	20-15	16
X2 O	5340-057-2907	CAP, FUEL TANK	EA	4									20-10	48
00005		MS35645-1 (96906)												
X2 O		CLAMP, LOOP	EA	3									20-10	43
00006		MS21333-74 (96906)												
		CLAMP, LOOP: 5/16 IN. NOM. ID,	EA	3										
		MS21333-73 (96906)												
P O	4720-879-4091	HOSE ASSEMBLY, DETACHABLE: 5/16 IN.	EA	2	*	*	2	*	*	2	10	10	20-10	42
00007		OD X 90 IN. LG												
		MS28741-5-0900 (96906)												
P O	4720-021-3320	HOSE ASSEMBLY, DETACHABLE: 5/16 IN.	EA	1	*	*	2	*	*	2	10	10	20-10	47
00008		OD X 25 FT LG	EA	3										
		MS28741-5-1440 (96906)												
X2 O	5310-877-5797	NUT, SELF-LOCKING: NO. 10-32 UNF 3B	EA	4									20-10	44
00009		MS21044N3 (96906)	EA	3									20-10	49
X2 O	5310-877-5797	NUT, SELF-LOCKING: NO. 10-32 UNF 38	EA	4									20-10	46
00010		MS21044N3 (96906)	EA	3									20-10	51
X2 O	5305-984-7341	SCREW, MACHINE: COUNTERSUNK HEAD,	EA	4									20-10	40
00011		NO. 10-32 X 5/8 IN. LG												
		MS35191-273 (96906)												
X2 O	5305-993-1851	SCREW, MACHINE: PAN HEAD,	EA	2									20-15	17
00012		NO. 10-32 X 1 IN. LG	EA	2	4	8	17	4	8	17	200	200	20-15	6
		MS35207-267 (96906)												
P O	2910-470-1301	TANK ASSEMBLY, FUEL	EA	1	*	*	1	*	*	1	3	3	20-10	13
00013		13216E7510 (97403)	EA	1									20-15	11
X2 O		ELBOW: 90 DEG, 5/16 IN. NOM. TUBE	EA	1	2	4	8	2	4	8	100	100	20-15	8
00014		OD,	EA	1	2	4	8	2	4	8	100	100	20-15	12
		SAEJ514 (81343)												
P O	2910-450-6565	FILTER, FUEL: 9.25 IN. LG	EA	1	2	4	8	2	4	8	100	100	20-15	2
00015		13216E7570-1 (97403)	EA	1	2	4	8	2	4	8	100	100	20-15	7
X2 O		FILLER, NECK	EA	1	2	4	8	2	4	8	100	100	20-15	5
00016		13216E7569 (97403)	EA	1	2	4	8	2	4	8	100	100	20-15	4
X2 O		GAGE, LIQUID LEVEL: 13.25 IN. LG	EA	1	2	4	8	2	4	8	100	100	20-15	9
00017		13216E7459-2 (97403)	EA	1	2	4	8	2	4	8	100	100	20-15	
P O	5330-356-7904	GASKET, GAGE PLATE	EA	1	2	4	8	2	4	8	100	100	20-15	
00018		13216E7571 (97403)	EA	1	2	4	8	2	4	8	100	100	20-15	
P O	5330-350-3965	GASKET, FILLER NECK	EA	1	2	4	8	2	4	8	100	100	20-15	
00019		13216E7572 (97403)	EA	1	2	4	8	2	4	8	100	100	20-15	
X2 O	5310-984-3806	NUT, SELF-LOCKING: 5/16-18	EA	4									20-15	
00020		THD SIZE, TANK MTG												
		MS51922-9 (96906)												
X2 O		PLATE, MOUNTING: FUEL GAGE	EA	1									20-15	
00021		13216E7568 (97403)	EA	1									20-15	
X2 O	4730-223-9268	PLUG, SQUARE HEAD, PIPE:	EA	1									20-15	
00022		1/4 IN. NPT												
		MS20913-2D (96906)												
X2 O	5306-225-8499	SCREW, CAP: 5/16-18 X 1 IN. LG	EA	4									20-15	
00023		TANK MTG												
		MS90725-34 (96906)												
X2 O	5305-989-7435	SCREW, MACHINE: PAN HEAD,	EA	14									20-15	
00024		NO. 10-32 X 5/8 IN. LG												
		MS35207-264 (96906)												

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00025	5305-989-7435	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 5/8 IN. LG MS35207-264 (96906)	EA	22									20- 15	14
X2 O 00026		TANK, FUEL 13216E7567 (97403)	EA	1									20- 15	1
X2 O 00027	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC, TANK MTG MS27183-12 (96906)	EA	4									20- 15	3
X2 O 00028	5310-045-3296	WASHER, LOCK: NO. 10 NOM. NECK MTG MS35338-43 (96906)	EA	22									20- 15	15
X2 O 00029	5310-045-3296	WASHER, LOCK: NO. 10 NOM. MS35338-43 (96906)	EA	14									20- 15	10
X2 O 00030	5310-014-5850	WASHER, FLAT MS27183-42 (96906)	EA	3									20- 10	45
X2 O 00031	5310-014-5850	WASHER, FLAT: NO. 10-32 THD SIZE MS27183-42 (96906)	EA	4									20- 10	50
X2 O 00032		GROUP 15 - F												
X2 O 00033		1501 - FRAME ASSEMBLY												
X2 DR 00034	2330-141-8052	CHASSIS, TRAILER, M103A3 13216E7431 (97403)	EA	1									20- 12	1
X2 O 00035	5310-087-4652	1507 - LEVELING JACKS												
X2 O 00036		NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906)	EA	3									20- 13	22
X2 O 00037	5305-269-3213	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	3									20- 13	23
P O 00038	2590-318-6691	TRAILER LEG PROP ASSEMBLY 13214E1206 (97403)	EA	1	*	*	2	*	*	2	10	10	20- 13	24
X2 O 00041		GROUP 18 - BODY												
X2 O 00042		1808 - STOWAGE RACKS, BOXES AND CABLE REELS												
X2 O 00043	5340-999-6277	ACCESSORY BOX 13205E4949 (97403)	EA	1									20- 10	56
X2 O 00044		BRACKET, REEL 13205E5092 (97403)	EA	1									20- 10	98
X2 O 00045	2590-932-7298	BRACKET ASSEMBLY, SLEDGE HAMMER 13214E1214 (97403)	EA	1									20- 11	18
X2 O 00046	2590-932-7298	CLAMP, GROUND ROD 13212E3617 (97403)	EA	4									20- 11	14
X2 O 00047	2590-932-7298	CLAMP, GROUND ROD: 6 FT 13212E3617 (97403)	EA	2									20- 10	10
X2 O 00048	5340-914-2578	CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1									20- 11	23
X2 O 00049		HOLDER ASSEMBLY 13216E7506 (97403)	EA	1									20- 10	25
		HOLDER 13216E7508 (97403)	EA	1									20- 18	1
		CLAMP 13216E7507 (97403)	EA	1									20- 18	3

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00050	5315-143-6284	KNOB: 5/16-18 UNC 2B 13205E5105-2 (97403)	EA	1									20- 18	2
X2 O 00051		PIN, SPRING, CORROSION RESISTANT STEEL, 1/8 IN. DIA X 1 IN. LG MS171534 (96906)	EA	1									20- 18	5
X2 O 00052		SHAFT 13216E7509 (97403)	EA	1									20- 18	4
X2 O 00053		HOLDER ASSEMBLY 13216E7493 (97403)	EA	2									20- 10	21
X O 00054		HOLDER 13216E7495 (97403)	EA	1									20- 18	6
X2 O 00055	5310-984-3806	CLAMP 13216E7494 (97403)	EA	1									20- 18	7
X2 O 00056		KNOB: 5/16-18 UNC 21 13205E5105-2 (97403)	EA	1									20- 18	11
X2 O 00057		NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	1									20- 18	15
X2 O 00058		PIN, COTTER: 3/32 IN. NOM. DIA X 3/4 IN. LG MS24665-283 (96906)	EA	2									20- 18	10
X2 O 00059		PIN, COTTER: 3/32 IN. NOM. DIA 3/4 IN. LG MS24665-283 (96906)	EA	2									20- 18	14
X2 O 00060	5315-842-3044	TEE 13216E7496 (97403)	EA	1									20- 18	8
X2 O 00061		TEE 13216E7496 (97403)	EA	1									20- 18	12
X2 O 00062		WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-12 (96906)	EA	3									20- 18	9
X2 O 00063		WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-12 (96906)	EA	3									20- 18	13
X2 O 00064		WASHER, LOCK: 1/4 IN. NOM. SIZE MS35338-139 (96906)	EA	2									20- 13	8
X2 O 00065	5310-080-8495	NUT, PLAIN, WING: 1/4-20 UNC 2B MS535425-39 (96906)	EA	2									20- 13	7
X2 O 00066	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	12									20- 10	2
X2 O 00067	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4									20- 10	7
X2 O 00068	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	8									20- 10	22
X2 O 00069	5310-984-3806	NUT, SELF-LOCKING: 5/16-18 UNC MS51922-9 (96906)	EA	8									20- 10	26
X2 O 00070	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: MS51922-1 (96906)	EA	4									20- 10	57
X2 O 00071	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	16									20- 10	67
X2 O 00072	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/-20 UNC MS51922-1 (96906)	EA	3									20- 10	81
X2 O 00073	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	3									20- 10	84

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00074	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4									20- 10	99
X2 O 00075	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	16									20- 11	7
X2 O 00076	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	8									20- 11	15
X2 O 00077	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 11	19
X2 O 00078	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	1									20- 11	24
X2 O 00079	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	16									20- 16	2
X2 O 00080	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 UNC MS51922-9 (96906)	EA	16									20- 16	5
X2 O 00081	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	16									20- 17	1
X2 O 00082	5310-984-3806	NUT, SELF-LOCKING MS51922-9 (96906)	EA	16									20- 17	4
P O 00083	5315-059-0206	PIN, COTTER: STEEL CADMIUM PLATED, 3/16 IN. DIA X 1 IN. LG, REEL SHAFT MS24665-491 (96906)	EA	1	*	*	*	*	*	*	*	*		
X2 O 00084		PLATFORM 13216E7503 (97403)	EA	4									20- 10	66
X2 O 00085		RACK 13216E7497 (97403)	EA	1									20- 10	5
X2 O 00086		RACK 13216E7502 (97403)	EA	2									20- 11	6
X2 O 00087		RACK ASSEMBLY, CURBSIDE 132167513 (97403)	EA	1									20- 10	41
X2 O 00088		RACK, CURBSIDE 13216E7514 (97403)	EA	1									20- 17	7
X2 O 00089		BRACKET 13216E7517 (97403)	EA	1									20- 17	12
X2 O 00090		BRACKET 13216E7521 (97403)	EA	2									20- 17	13
X2 O 00091		CLAMP 13216E7515 (97403)	EA	1									20- 17	22
X2 O 00092	5310-877-5797	NUT, SELF-LOCKING: NO. 10-32 UNF 3B ML21044N3 (96906)	EA	26									20- 17	9
X2 O 00093	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	4									20- 17	14
X2 O 00094	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 17	19
X2 O 00095	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 17	27
X2 O 00096	5315-839-5822	PIN, COTTER: 1/8 X 1 IN. LG MS24665-353 (96906)	EA	1									20- 17	23
X2 O 00097	5315-842-3154	PIN, STRAIGHT HEADED: 1/2 X 1 27/64 IN. LG MS35810-36 (96906)	EA	1									20- 17	25

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00098	5305-071-2234	RUNNER, NYLON 13216E7520 (97403)	EA	2									20- 17	8
X2 O 00099		SCREW, CAP, HEXAGON HEAD: 1/4-2 x 2 3/4 IN. LG MS90725-17 (96906)	EA	4									20- 17	16
X2 O 00100		SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2									20- 17	21
X2 O 00101	5305-071-2234	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2									20- 17	29
X2 O 00102	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	26									20- 17	11
X2 O 00103	5310-809 -8546	SUPPORT, ROLLER 13216E7518 (97403)	EA	1									20- 17	18
X2 O 00104		SUPPORT, ROLLER 13216E7519 (97403)	EA	1									20- 17	26
X2 O 00105		WASHER, FLAT: NO. 10-32 BSC SIZE MS27183-8 (96906)	EA	26									20- 17	10
X2 O 00106	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	4									20- 17	15
X2 O 00107	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2									20- 17	20
X2 O 00108	5310-809-5998	WASHER, FLAT: 1/2 IN. BSC SIZE MS27183-18 (96906)	EA	1									20- 17	24
X2 O 00109	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2									20- 17	28
X2 O 00110	5310-877-5797	RACK ASSEMBLY, ROADSIDE 13216E7511 (97403)	EA	1									20- 10	65
X2 O 00111		RACK, ROADSIDE 13216E7512 (97403)	EA	1									20- 16	1
X2 O 00112		BRACE: 3.62 IN. LG 13216E7522-2 (97403)	EA	1									20- 10	80
X2 O 00113	5310-888-1251	BRACKET 13216E7517 (97403)	EA	1									20- 16	12
X2 O 00114		BRACKET 13216E7521 (97403)	EA	2									20- 16	13
X2 O 00115		CLAMP 13216E7515 (97403)	EA	1									20- 16	22
X2 O 00116	5310-877-5797	NUT, SELF-LOCKING, HEXAGON: NO. 10-32 UNC 3B MS21044N3 (96906)	EA	26									20- 16	9
X2 O 00117	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	4									20- 16	14
X2 O 00118	5310-088-1 251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 16	19
X2 O 00119	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 16	27
X2 O 00120	5315-839-5822	PIN, COTTER: 1/8 IN. DIA X 1 IN. LG MS24665-353 (96906)	EA	1									20- 16	23
X2 O 00121	5315-842-3154	PIN, STRAIGHT HEADED: 1/2 IN. DIA X 1 27/64 IN. LG MS356810-36 (96906)	EA	1									20- 16	25

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCTY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00122		ROLLER 13216E7523 (97403)	EA	1									20- 16	17
X2 O 00123		ROLLER 13216E7523 (97403)	EA	1									20- 17	17
X2 O 00124		RUNNER, NYLON 13216E7520 (97403)	EA	2									20- 16	8
X2 O 00125	5305-071-2234	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	4									20- 16	16
X2 O 00126	5305-071-2234	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2									20- 16	21
X2 O 00127	5305-071-2234	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 2 3/4 IN. LG MS90725-17 (96906)	EA	2									20- 16	29
X2 O 00128	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	26									20- 16	11
X2 O 00129		SUPPORT, ROLLER 13216E7518 (97403)	EA	1									20- 16	18
X2 O 00130		SUPPORT, ROLLER 13216E7519 (97403)	EA	1									20- 16	26
X2 O 00131	5310-809-8546	WASHER, FLAT: NO. 10-32 BSC SIZE MS27183-8 (96906)	EA	26									20- 16	10
X2 O 00132	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	4									20- 16	15
X2 O 00133	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2									20- 16	20
X2 O 00134	5310-809-5998	WASHER, FLAT: 1/2 IN. BSC SIZE MS27183-18 (96906)	EA	1									20- 16	24
X2 O 00135	5310-809-4058	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-10 (96906)	EA	2									20- 16	28
X2 O 00136		REEL, CABLE 13214E1425 (97403)	EA	1									20- 10	97
X2 O 00137	5306-225-9081	SCREW, CAP, HEXAGON HEAD: 5/16-18 X 1 1/4 IN. LG MS90725-36 (96906)	EA	6									20- 10	4
X2 O 00138	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	8									20- 10	24
X2 O 00139	5306-225-9081	SCREW, CAP, HEXAGON HEAD: 5/16 X 1 1/4 IN. LG MS90725-36 (96906)	EA	8									20- 10	28
X2 O 00140	5305-225-3839	SCREW, CAP, HEXAGON HEAD 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	4									20- 10	59
X2 O 00141	5305-225-3839	SCREW, CAP, HEXAGON HEAD 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	16									20- 10	69
X2 O 00142	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-8 (96906)	EA	3									20- 10	83
X2 O 00143	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	3									20- 10	86
X2 O 00144	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	4									20- 10	101

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00145	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	2									20- 11	21
X2 O 00146	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	1									20- 11	26
X2 O 00147	5305-721-8010	SCREW, CAP, HEXAGON: 1/4-20 X 2 IN. LG MS35307-314 (96906)	EA	2									20- 13	10
X2 O 00148	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 UNC X 1 IN. LG MS90725-8 (96906)	EA	16									20- 16	4
X2 O 00149	5305-225-8499	SCREW, CAP, HEXAGON HEAD: 5/16-18 X 1 IN. LG MS90725-34 (96906)	EA	16									20- 16	7
X2 O 00150	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	16									20- 17	3
X2 O 00151	5305-225-8499	SCREW, CAP, HEXAGON HEAD: 5/16-18 X 1 IN. LG MS90725-34 (96906)	EA	16									20- 17	6
X2 O 00152	5305-225-3839	SCREW, MACHINE: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	8									20- 11	17
X2 O 00153	5305-958-6073	SCREW, MACHINE: 82 DEG, FLAT, 5/16-18 X 1 3/4 IN. LG MS35190-309 (96906)	EA	6									20- 10	1
X2 O 00154	5309-071-2241	SCREW, MACHINE: 82 DEG, FLAT, 1/4-20 X 1 1/4 IN. LG MS90725-10 (96906)	EA	4									20- 10	9
X2 O 00155		SHIELD 13216E7433 (97403)	EA	1									20- 13	6
X2 O 00156		SUPPORT, REEL 13205E5093 (97403)	EA	1									20- 10	102
X2 O 00157	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	12									20- 10	3
X2 O 00158	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	4									20- 10	8
X2 O 00159	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	8									20- 10	23
X2 O 00160	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE 427183-12 (96906)	EA	8									20- 10	27
X2 O 00161	5310-809-3078	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-11 (96906)	EA	4									20- 10	58
X2 O 00162	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	16									20- 10	68
X2 O 00163	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	3									20- 10	82
X2 O 00164	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	3									20- 10	85
X2 O 00165	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE M227183-11 (96906)	EA	4									20- 10	100
X2 O 00166	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	16									20- 11	8
X2 O 00167	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	8									20- 11	16
X2 O 00168	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	2									20- 11	20



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00169	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	1									20- 11	25
X2 O 00170	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4									20- 13	9
X2 O 00171	5310-809-3078	WASHER, FLAT: 1/4-20 IN. BSC SIZE MS27183-11 (96906)	EA	16									20- 16	3
X2 O 00172	5310-081-4219	WASHER, FLAT: 5/16-18 IN. BSC SIZE MS27183-12 (96906)	EA	16									20- 16	6
X2 O 00173	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	16									20- 17	2
X2 O 00174	5310-081-4219	WASHER, FLAT: 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	16									20- 17	5
00175		1810 - CARGO BODY												
X2 D 00176		BODY, TRAILER 13216E7432 (97403)	EA	1									20- 12	2
X2 D 00177		BOLT, HEXAGON: 5/8-11 UNC 2A X 6 1/2 IN. LG FFB575TYPE3 (81349)	EA	2									20- 12	5
X2 O 00178		BRACE 13216E7522-1 (97403)	EA	1									20- 10	33
X2 D 00179	5310-269-4040	NUT, SELF-LOCKING: 5/8-11 UNC MS51922-49 (96906)	EA	8									20- 12	3
X2 O 00180	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 UNC MS51922-17 (96906)	EA	12									20- 13	1
X2 O 00181	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC M351922-1 (96906)	EA	3									20- 10	34
X2 O 00182	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	3									20- 10	37
X2 D 00183	5305-724-5911	SCREW, CAP, HEXAGON HEAD: 5/8-11 X 1 3/4 IN. LG MS90725-163 (96906)	EA	6									20- 12	6
X2 O 00184	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 IN. LG MS90725-60 (96906)	EA	16									20- 13	5
X2 O 00185	5305-068-0502	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	3									20- 10	36
X2 O 00186	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	3									20- 10	39
X2 D 00187		SHIM (AS REQUIRED) 13212E3590 (97403)	EA										20- 13	4
X2 D 00188	5310-823-8003	WASHER, FLAT: 5/8 IN. BSC SIZE M327183-21 (96906)	EA	8									20- 12	4
X2 O 00189	5310-080-6004	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	16									20- 13	3
X2 O 00190	5310-637-9541	WASHER, LOCK: 3/8 IN. NOM. SIZE MS35338-46 (96906)	EA	4									20- 13	2
X2 O 00191	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS327183-11 (96906)	EA	3									20- 10	35
X2 O 00192	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	3									20- 10	38

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00193		GROUP 22 - BODY ACCESSORY ITEMS												
00194		2201 - CANVAS ITEMS												
X2 O	5340-764-2334	LOOP, STRAP, FASTENER: 1 1/4 IN. SIZE	EA	7									20-10	71
00195		MS51939-1 (96906)												
X2 O	5340-764-2334	LOOP, STRAP, FASTENER: 1 1/4 IN. SIZE	EA	6									20-10	76
00196		MS51939-1 (96906)												
X2 O	5340-764-2334	LOOP, STRAP, FASTENER: 1 1/4 IN. SIZE	EA	1									20-10	88
00197		MS51939-1 (96906)												
X2 O	5310-811-3494	NUT, SELF-LOCKING, HEXAGON:	EA	14									20-10	72
00198		NO. 8-32 UNC 3B												
		MS21044N08 (96906)												
X2 O	5310-811-3494	NUT, SELF-LOCKING, HEXAGON:	EA	12									20-10	77
00199		NO. 8-32 UNC 3B												
		MS21044N08 (96906)												
X2 O	5310-811-3494	NUT, SELF-LOCKING, HEXAGON:	EA	2									20-10	89
00200		NO. 8-32 UNC 3B												
		MS21044N08 (96906)												
X2 O	5305-984-6195	SCREW, MACHINE: PAN HEAD,	EA	14									20-10	74
00201		NO. 8-32 X 3/4 IN. LG												
		MS35206-247 (96906)												
X2 O	5305-984-6195	SCREW, MACHINE: PAN HEAD,	EA	2									20-10	79
00202		NO. 8-32 X 3/4 IN. LG												
		MS35206-247 (96906)												
X2 O	5305-984-6195	SCREW, MACHINE: PAN HEAD,	EA	2									20-10	91
00203		NO. 8-32 X 3/4 IN. LG												
		MS35206-247 (96906)												
P O	5340-195-5656	STRAP, WEBBING: 22 IN. LG	EA	7	*	*	*	*	*	*	*	*	20-10	70
00204		13216E7504 (97403)												
P O	5340-197-5029	STRAP, WEBBING: 21 IN. LG	EA	6	*	*	2	*	*	2	10	10	20-10	75
00205		13216E7505-1 (97403)												
P O	5340-409-3880	STRAP, WEBBING: 34 IN. LG	EA	1	*	*	2	*	*	2	10	10	20-10	87
00206		13216E7505-2 (97403)												
P OR	6115-459-5946	TARPAULIN	EA	1	*	2	2	*	2	2	13	13	20-13	12
00207		13216E7434 (97403)												
X2 O		WASHER, FLAT: NO. 8-32 BSC SIZE	EA	14									20-10	73
00208		MS27183-41 (96906)												
X2 O		WASHER, FLAT: NO. 8-32 BSC SIZE	EA	12									20-10	78
00209		MS27183-41 (96906)												
X2 O		WASHER, FLAT- NO. 8-32 BSC SIZE	EA	2									20-10	90
00210		MS2 183-41 (96906)												
00211		2202 - ACCESSORY ITEMS												
P O	2540-924-8478	BOW, TRAILER TARPAULIN: 68 IN. H	EA	4	*	*	2	*	*	2	8	8	20-13	11
00212		13212E3597-1 (97403)												
P O	2540-926-1003	BOW, TRAILER TARPAULIN: 55.75 IN. H	EA	2	*	*	*	*	*	*	4	4	20-13	13
00213		13212E3597-2 (97403)												
X2 O	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 IN. UNC	EA	8									20-13	15
00214		MS551922-1 (96906)												
X2 O	5310-088-1251	NUT, SELF-LOCKING, HEXAGON:	EA	4									20-13	19
00215		1/4-20 IN. UNC												
		MS51922-1 (96906)												
P O	9905-202-3639	REFLECTOR, AMBER, CLEARANCE INDICATOR	EA	2	*	*	*	*	*	*	6	6	20-13	18
00216		MS35387-2 (96906)												

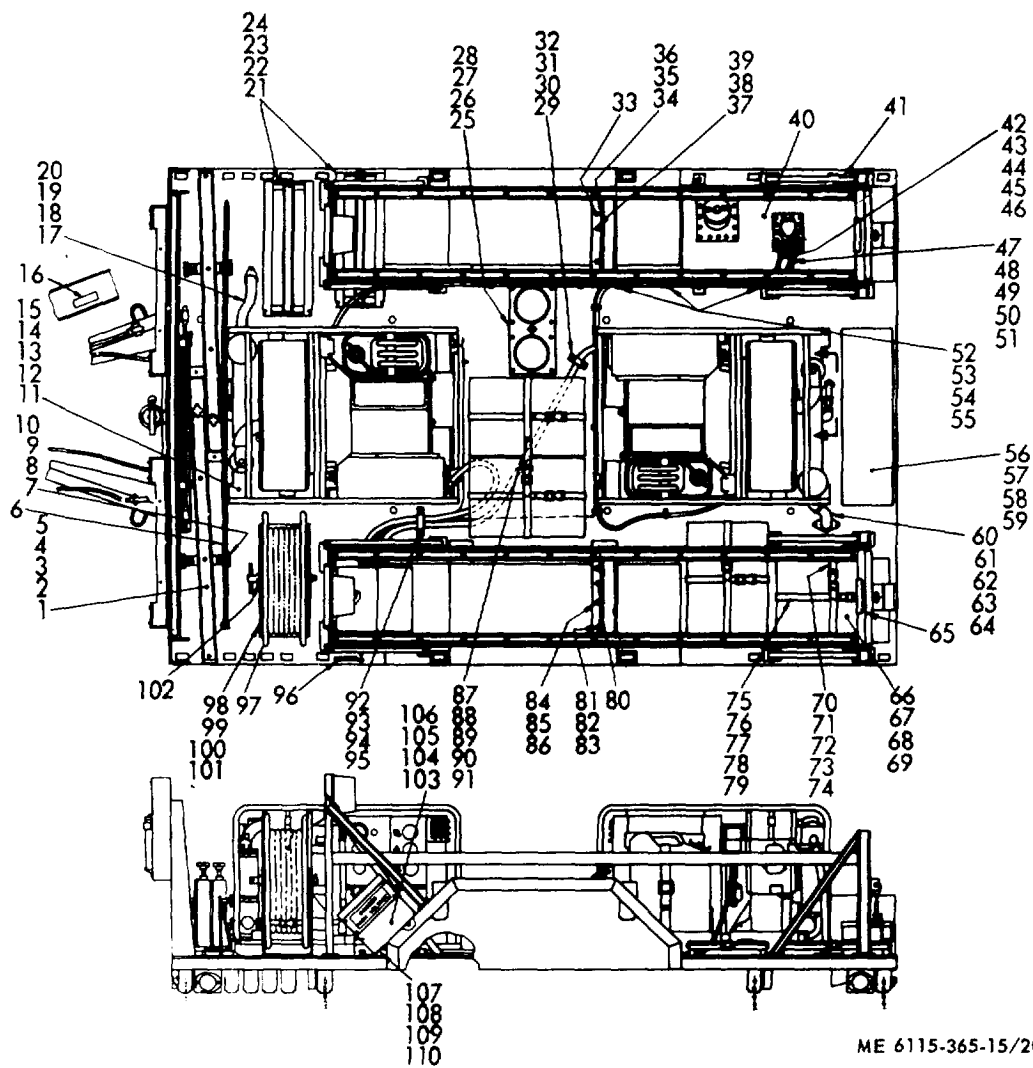
(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
P O 00271	9905-205-2795	REFLECTOR, RED, CLEARANCE INDICATOR MS35387-1 (96906)	EA	4	•	2	2	•	2	2	12	12	20- 13	14
P O 00218	5975-928-8865	ROD, GROUND: 6 FT MILR11461TYPE2STYLE3 (81349)	EA	2	•	•	•	•	•	•	•	•	20- 10	6
X O 00219	5305-068-0500	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	8									20- 13	17
X2 O 00220	5305-068-0500	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1/2 IN. LG MS90725-3 (96906)	EA	4									20- 13	21
X2 O 00221	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10(96906)	EA	8									20- 13	16
X2 O 00222	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4									20- 13	20
00223		2210- DATA PLATES												
X2 O		PLATE, IDENTIFICATION: GROUND TERMINAL 13205E4918 (97403)	EA	1									20- 10	96
00224		PLATE, IDENTIFICATION: PU-631/G 13205E4916-23 (97403)	EA	1									20- 10	16
X2 O 00225		PLATE, INFORMATION: WIRING DIAGRAM 13212E3587(97403)	EA	1										
00226		GROUP 29 - AUXILIARY GENERATORS AND ENGINE												
00227		2901 -GENERATOR AND ENGINE ASSEMBLY												
00228														
X2 FR 00229	6115-017-8240	GENERATOR SET: SF: 50MD MILG52279TYPE1 (81349)	EA	2									20- 10	11
X2 F 00230	5310-225-6993	NUT, SELF-LOCKING, HEXAGON MS51922-33 (96906)	EA	8									20- 10	12
X2 F 00231	5305-782-9494	SCREW, CAP, HEXAGON HEAD: 1/2-13 X 1 3/4 IN. LG MS90725-114 (96906)	EA	8									20- 10	15
X2 F 00232	5310-520-3091	WASHER, BEVELED: 1/2 IN. NOM. SIZE 13206E4482-2 (97403)	EA	8									20- 10	14
X2 F 00233	5310-809-3079	WASHER, FLAT: 1/2 IN. BSC SIZE MS27183-19 (96906)	EA	8									20- 10	13
00234		2941 -ENGINE EXHAUST												
P O 00235		ELBOW, STREET: 45 DEG SAEJ926(81343)	EA	2									20- 10	64
P O 00236	6115-947-3335	EXHAUST, TUBE 13214E1487(97403)	EA	1									20- 10	17
X2 O 00237	6115-947-3335	EXHAUST, TUBE 13214E1487(97403)	EA	1									20- 10	60
X2 O 00238	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 10	18
X2 O 00239	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 10	61
X2 O 00240	5305-071-2242	SCREW, CAP, HEXAGON: 1/4-20X 1 1/8 IN. LG MS90725-0 (96906)	EA	2									20- 10	63

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1-YR ALW PER 100 EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00241	5305-071-2242	SCREW, CAP, HEXAGON HEAD: 1/4-20 X1 1/8 IN. LG MS90725-9 (96906)	EA	2									20- 10	20
X2 O 00242	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	2									20- 10	19
X2 O 00243 00244	5310-809-3078	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-11 (96906)	EA	2									20- 10	62
		GROUP 42 - ELECTRICAL EQUIPMENT												
		4202 - ELECTRICAL CONTROLS												
00245 X2 F 00246		BRACKET DISTRIBUTION BOX 13216E7499(97403)	EA	1									20- 10	107
P F 00247	6110-913-9275	DISTRIBUTION BOX 13212E3601 (97403)	EA	1	•	•	•	•	•	•	2	2	20- 10	103
X2 F 00248	6115-104-4550	BOX 13212E3603(97403)	EA	1									20- 14	1
X2 F 00249		COVER 13212E3603 (97403)	EA	1									20- 14	13
X2 F 00250		GASKET 13212E3610(97403)	EA	1									20- 14	4
X2 F 00251	6210-00-406-1398	LIGHT AND WIRE: 12 IN. LG 13212E3581-1 (97403)	EA	2									20- 14	28
X2 F 00252	5310-924-4218	NUT, PLAIN, HEXAGON: 1/4-28 UNC MS51970-1 (96906)	EA	9									20- 14	23
X2 F 00253		NUT, PLAIN, HEXAGON: JAM MS16203-37 (96906)	EA	8									20- 14	11
X2 F 00254	5310-934-9758	NUT, PLAIN, HEXAGON: MACHINE SCREW, NO. 10-24 MS35649-202 (96906)	EA	6									20- 14	5
X2 F 00255	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: MS51922-17 (96906)	EA	9									20- 14	19
X2 F 00257	5330-579-8108	PACKING, PREFORMED: O RING MS28775-111 (96906)	EA	1									20- 14	18
X2 F 00257	5330-684-3420	PACKING, PREFORMED: O RING MS28775-013 (96906)	EA	4									20- 14	22
X2 F 00258	5330-802-5905	PACKING, PREFORMED: O RING MS28775-132 (96906)	EA	2									20- 14	27
X2 F 00259	5305-984-6214	SCREW, MACHINE: PAN HEAD, NO. 10-14 X 1 IN. LG MS35206-267 (96906)	EA	6									20- 14	8
X2 O 00260	5305-989-7434	SCREW, MACHINE: PAN HEAD, NO. 10-2 X 1/2 IN. LG MS35206-263 (96906)	EA	16									20- 14	14
X2 F 00261	5305-984-5695	SCREW, MACHINE: PAN HEAD, 3/8-16 X2 IN. LG MS35206-315 (96906)	EA	4									20- 14	21
X2 F 00262		SCREW, MACHINE: PAN HEAD, 1/4-28 X 7/16 IN. LG MS35215-68 (96906)	EA	9									20- 14	25
X2 F 00263		STUFFING TUBE 13212E3582-2D (97403)	EA	2									20- 14	26
P F 00264	5930-829-3243	SWITCH, ROTARY: 60 AMP 13205E5023(97403)	EA	1	•	•	•	•	•	•	2	2	20- 14	17
X2 F 00265		TERMINAL BOARD 13212E3606(97403)	EA	1									20- 14	3
X2 F 00265A		PLATE, WARNING 13216E7603 (97403)	EA	1									20- 14	2
P O 00265A		KNOB SWITCH, ROTARY 06000-1 (82121)	EA	1									20- 14	30

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	(4)  USABLE ON CODE	(5)  UNIT OF MEAS	(6)  30-DAY DS MAINT ALLOWANCE	(7)  30-DAY GS MAINT ALLOWANCE	(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
									(a) FIG. NO.	(b) ITEM NO.
P F 00266	5940-904-9634	TERMINAL, LOAD 13208E5820-6 (97403)	EA	4	*	*	*	*	20- 14	9
X2 F 00267	5940-660-3631	TERMINAL, LUG MS25036-150 (96906)	EA	4					20- 14	29
X2 O 00268	5310-809-8546	WASHER, FLAT MS27183-8 (96906)	EA	12					20- 14	7
X2 O 00269	5310-809-8546	WASHER, FLAT: NO. 10 SCREW SIZE MS27183-8 (96906)	EA	16					20- 14	16
X2 F 00270	5310-080-6004	WASHER, FLAT: 3/8 IN. SCREW SIZE MS27183-14 (96906)	EA	8					20- 14	20
X2 F 00271	5310-045-3296	WASHER, LOCK: NO. 10 MS35338-43 (96906)	EA	6					20- 14	6
X2 F 00272	5310-184-8970	WASHER, LOCK: 1/4 IN. MS35338-101 (96906)	EA	8					20- 14	12
X2 O 00273	5310-045-3296	WASHER, LOCK: NO. 10 SCREW SIZE MS35338-43 (96906)	EA	16					20- 14	15
X2 F 00274	5310-942-5109	WASHER, LOCK: FLAT, EXTERNAL TOOTH, 1/4 IN. MS35335-89 (96906)	EA	19					20- 14	24
X2 F 00275	5310-022-8834	WASHER, LOCK: FLAT, INTERNAL TOOTH, 1/4 IN. MS35338-108 (96906)	EA	4					20- 14	10
X2 F 00276	5310-809-5997	NUT, SELF-LOCKING, HEXAGON, 3/8-16 UNC MS27183-17 (96906)	EA	4					20- 10	104
X2 F 00277	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	2					20- 10	108
X2 F 00278	5305-269-3211	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 1 IN. LG MS90725-60 (96906)	EA	4					20- 10	106
X2 F 00279	5305-269-3211	SCREW, CAP: 3/8-16 X 1 IN. LG MS90725-60 (96906)	EA	2					20- 10	110
X2 F 00280	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	4					20- 10	105
X2 F 00281	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	2					20- 10	109
X2 F 00282	6115-948-7169	4216 - MISCELLANEOUS WIRING AND FITTINGS CABLE: 85 IN. (W1) 13212E3607 (97403)	EA	1					20- 3	
X2 F 00283	6115-948-7170	CABLE: 60 IN. (W2) 13212E3608 (97403)	EA	1					20- 3	
X2 O 00284		CLAMP, CABLE, SINGLE 13212E3612 (97403)	EA	1					20- 10	29
X2 O 00285	5340-778-2738	CLAMP, LOOP: CABLE, SINGLE MS21333-2 (96906)	EA	2					20- 11	5
X2 O 00286	5340-978-6063	CLAMP, LOOP: DOUBLE CABLE MS21334-30 (96906)	EA	3	*	*	*	*	20- 10	52
X2 O 00287		CLAMP, CABLE, DOUBLE: 1 5/16 IN. H 13212E3591-2 (97403)	EA	1					20- 10	92
X2 O 00288	5340-930-1754	CLAMP, LOOP, DOUBLE: .188 IN. NOM. ID MS21334-2 (96906)	EA	2	*	*	*	*	20- 11	5
X2 F 00289		LEAD, ELECTRICAL: TB1-L1 TO S1-L1 (W3) 13212E3609-1 (97403)	EA	1					20- 3	

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 F 00291	5310-918-6921	LEAD, ELECTRICAL: TB1-L2 TO S1-L2, (W4) 13212E3609-2 (97403)	EA	1									20- 3	
X2 F 00292		LEAD, ELECTRICAL: TB1-L3 TO S1-L3, (W5) 13212E3609-3 (97403)	EA	1									20- 3	
X2 O 00293		NUT, PLAIN, HEXAGON: JAM, 3/8-16 UNC 2B MS16203-39 (96906)	EA	3									20- 11	31
X2 O 00294	5310-918-6921	NUT, PLAIN, HEXAGON: JAM MS16203-39 (96906)	EA	1									20- 11	34
X2 O 00295	5310-543-4717	NUT, PLAIN, WING: 3/8-16 UNC 2B MS35425-28 (96906)	EA	1									20- 11	29
X2 O 00296	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 10	30
X2 O 00297	5310-877-5797	NUT, SELF-LOCKING: NO. 10-32 UNF 3B MS21044N3 (96906)	EA	3									20- 10	53
X2 O 00298	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 UNC MS51922-1 (96906)	EA	2									20- 10	93
X2 O 00299	5310-877-5797	NUT, SELF-LOCKING, HEXAGON: NO. 10-32 UNF 3B MS21044N3 (96906)	EA	2									20- 11	2
X2 O 00300	5310-877-5797	NUT, SELF-LOCKING, HEXAGON: NO. 10-32 UNF 3B MS21044N3 (96906)	EA	2									20- 11	2
X2 O 00301	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2									20- 10	32
X2 O 00302	5305-071-2242	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 1/8 IN. LG MS90725-9 (96906)	EA	2									20- 10	95
X2 O 00303	5305-543-4718	SCREW, CAP, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS35309-358 (96906)	EA	1									20- 11	36
X2 O 00304	5305-984-7341	SCREW, MACHINE: NO. 10-32 X 5/8 IN. LG MS35191-273 (96906)	EA	3									20- 10	55
X2 O 00305	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	2									20- 11	4
X2 O 00306	5305-993-1848	SCREW, MACHINE: PAN HEAD, NO. 10-32 X 3/4 IN. LG MS35207-265 (96906)	EA	2									20- 11	4
X2 O 00307	5307-722-9437	STUD, GROUNDING 13214E1223 (97403)	EA	1									20- 11	28
X2 O 00308	5940-688-6010	TERMINAL, LUG: CRIMP STYLE, 3/8 IN. MS20659-110 (96906)	EA	3									20- 11	27
P O 00309	5940-114-1310	TERMINAL, LUG: CRIMP, NO. 6 WIRE, IOSD MS25036-119TYPE2CL1 (96906)	EA	1	*	*	*	*	*	*	*	*		
X2 O 00310	5940-688-6010	TERMINAL, LUG: 3/8 IN. STUD, NO. 6 WIRE MS20659- 10 (96906)	EA	1									20- 11	33
P F 00311	5940-557-4344	TERMINAL, LUG: SIZE 6, STUD 1/4 IN. (AS REQUIRED) MS25036-120 (96906)	EA		*	*	*	*	*	*	*	*		
X2 O 00312	5310-187-2413	WASHER, FLAT: ELECTRIC, 3/8 IN. BSC SIZE AN961-616T (88044)	EA	4									20- 11	30

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCTY	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 O 00313	5310-809-3078	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	2									20-10	31
X2 O 00314	5310-014-5850	WASHER, FLAT: NO. 10-32 BSC SIZE MS27183-42 (96906)	EA	3									20-10	54
X2 O 00315	5310-809-3078	WASHER, FLAT: 1/4-20 BSC SIZE MS27183-11 (96906)	EA	2									20-10	94
X2 O 00316	5310-014-5850	WASHER, FLAT: NO. 10-32 BSC SIZE MS27183-42 (96906)	EA	2									20-11	3
X2 O 00317	5310-014-5850	WASHER, FLAT: NO. 10-32 BSC SIZE MS21783-42 (96906)	EA	2									20-11	3
X2 O 00318	5310-913-9776	WASHER, LOCK: 3/8 IN. NOM. BSC SIZE MS35335-91 (96906)	EA	2									20-11	32
X2 O 00319	5310-913-9776	WASHER, LOCK: 3/8 IN. NOM. BSC SIZE MS35335-91 (96906)	EA	1									20-11	35
P O 00320	6145-395-8799	WIRE, ELECTRICAL: 6 FT LG, NO. 6 AWG QQW343TYPERB (813486)	FT	1	*	*	*	*	*	*	*	*	20-11	1
P F 00321	6145-578-6594	WIRE, ELECTRICAL: 600V, TYPE 2, SIZE AN6 (AS REQUIRED) MIL5086AN6TY2 (04939)	FT		*	*	*	*	*	*	*	*		
P O 00322	6145-395-8799	WIRE, ELECTRICAL: 8 FT LG, NO. 6 AWG QQW343TYPERB (81348)	FT	1	*	*	*	*	*	*	*	*		
P O 00323	6145-395-8799	WIRE, ELECTRICAL: 5 FT, LG, NO. 6 AWG QQW343TYPERB (81348)	FT	1	*	*	*	*	*	*	*	*		
P O 00324	6145-395-8799	WIRE, ELECTRICAL: 1 FT LG, NO. 6 AWG QQW343TYPERB (81348)	FT	1	*	*	*	*	*	*	*	*		
P O 00325	6145-395-8799	WIRE, ELECTRICAL: DRAWN AND ANNEALED (AS REQUIRED) QQW343TYPERB (81348)	FT		*	*	*	*	*	*	*	*		
P O	4730-00-199-1493	ELBOW PIPE - STREET, 90 DEGREES (150 POUNDS) 1/2 NOM. PIPE SIZE MI ZN CTD MS39230-40 (96906)	EA	2									20-19	1
P O	4730-00-908-3193	NIPPLE: PIPE, STANDARD STEEL 1/2 NPT X 2 L STL ZN CTD LONG MS51953-78 (96906)	EA	2									20-19	2
P O	4730-00-908-3193	CLAMP: MS35842-12 (96906) HOSE: LOW PRESSURE TYPE "F" HOSE DIA RANGE 1-1/16 X 2 CRES	EA	4									20-19	3
P O	4720-01-073-7435	HOSE FUEL AND OIL SAE-J30 (81343)	EA	2									20-19	4
P O	4730-00-804-0544	UNION FLARED TUBE 318 BULK AND UNIVERSAL, PRECISION TYPE 5/8 OD TUBE X 7/8-14 UNF-3A STL MS24393-10 (96906)	EA	2									20-19	5
P O	5310-00-754-2405	WASHER, LOCK: SPRING, HELICAL, REGULAR (MEDIUM) SERIES (IN. MM) 7/8 NOM SIZE CS CD PLD MS35338-52 (96906)	EA	2									20-19	6
P O	5310-01-056-0774	LOCKNUT: BULKHEAD, 37 DEGREE FLARED AND FLARELESS TYPE MS51860-57 (96906)	EA	2									20-19	7



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Figure 20-10. PU-631/G power unit.



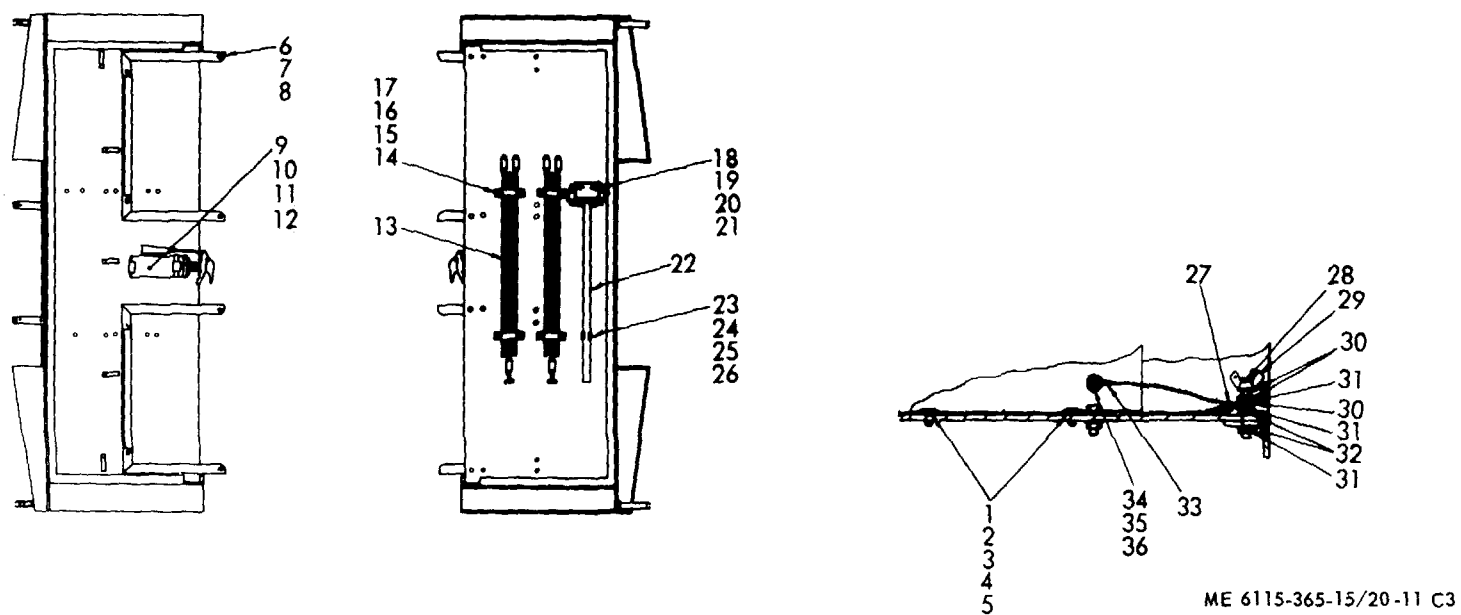
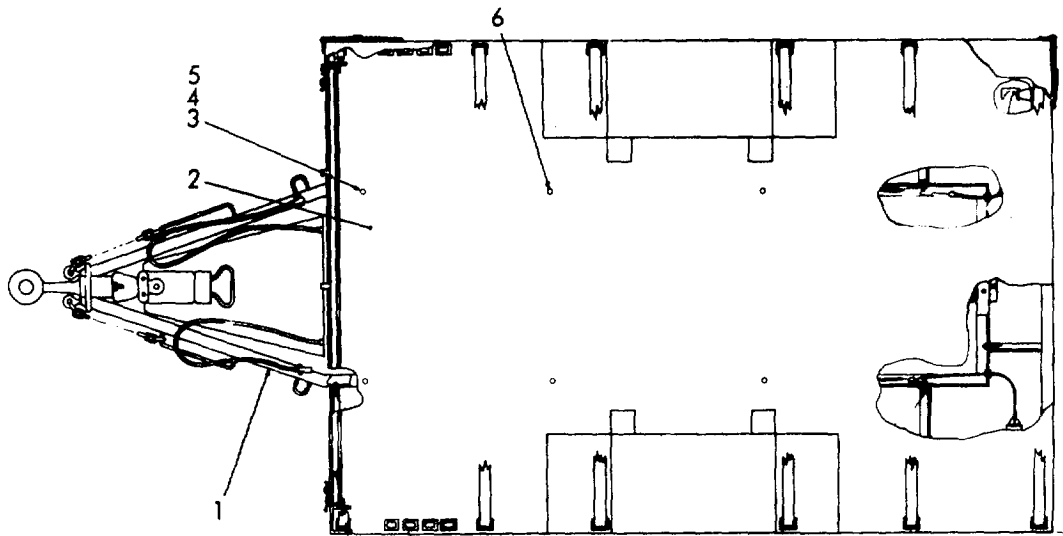
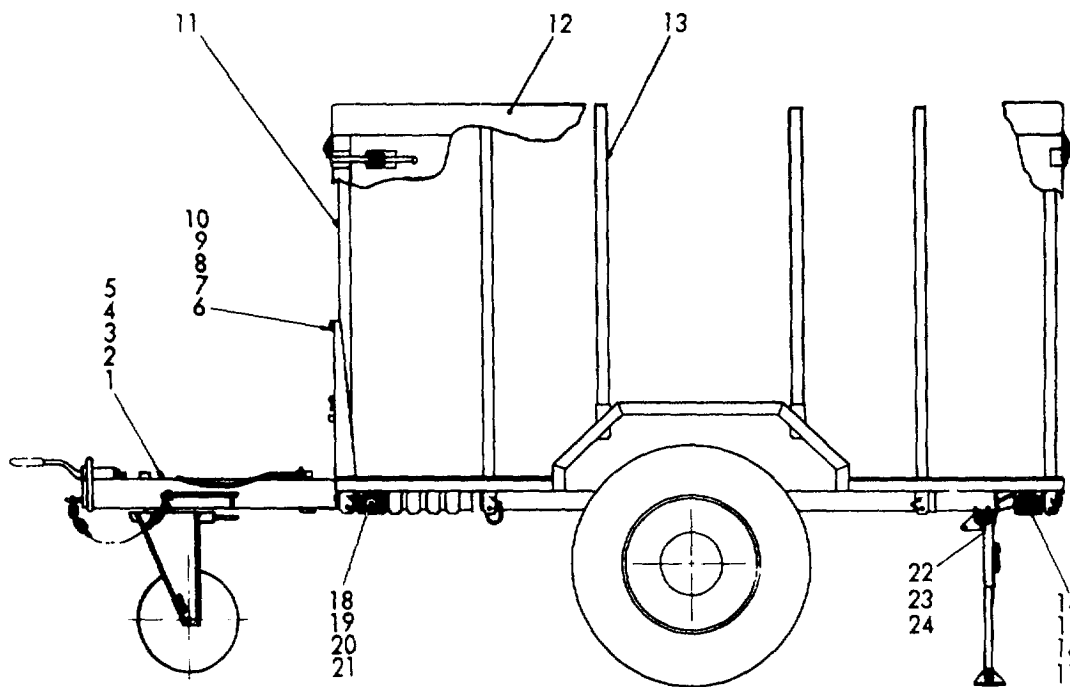


Figure 20-11. PU-631/G accessories.



ME 6115-365-15/20-12 C3

Figure 20-12. Trailer body.



ME 6115-365-15/20-13 C3

Figure 20-13. Trailer accessories.

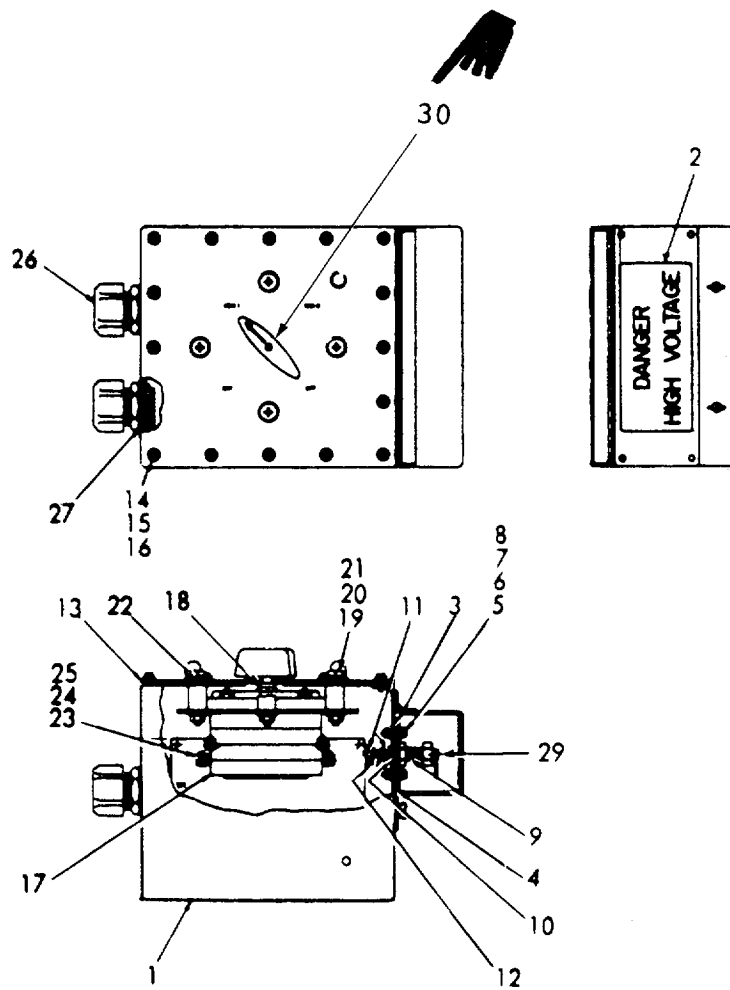


Figure 20-14. Distribution box.

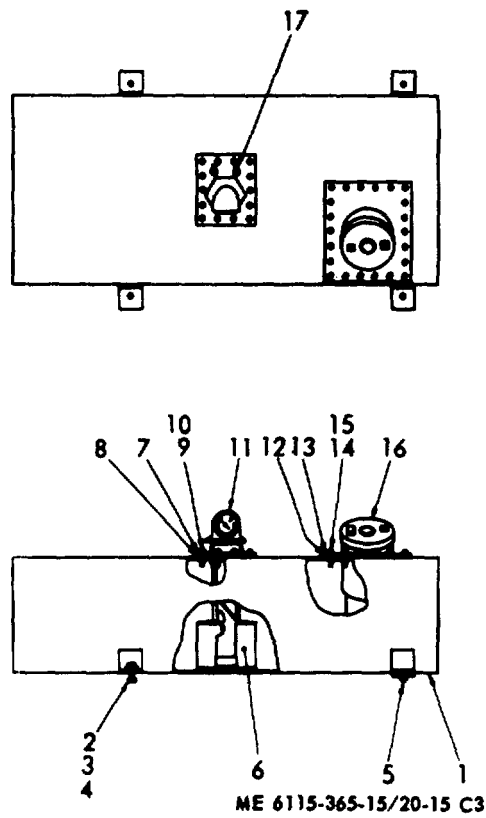
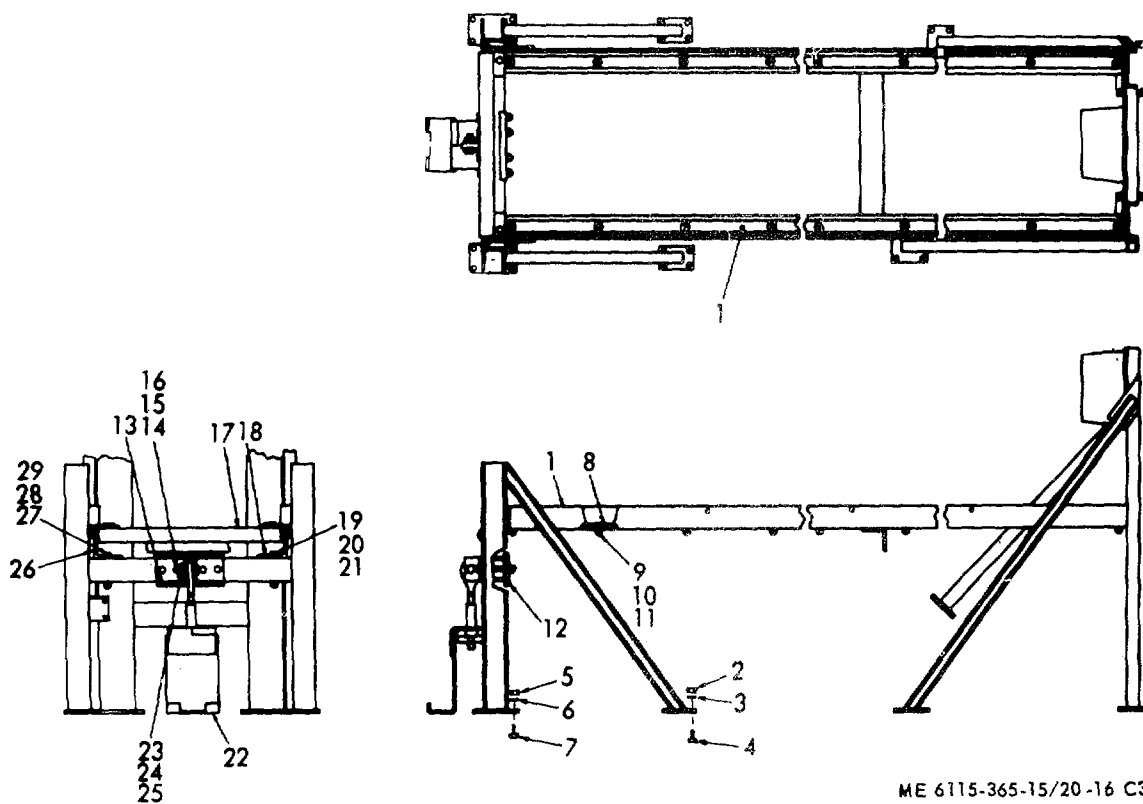


Figure 20-15. Fuel tank.



ME 6115-365-15/20-16 C3

Figure 20-16. Roadside rack assembly.

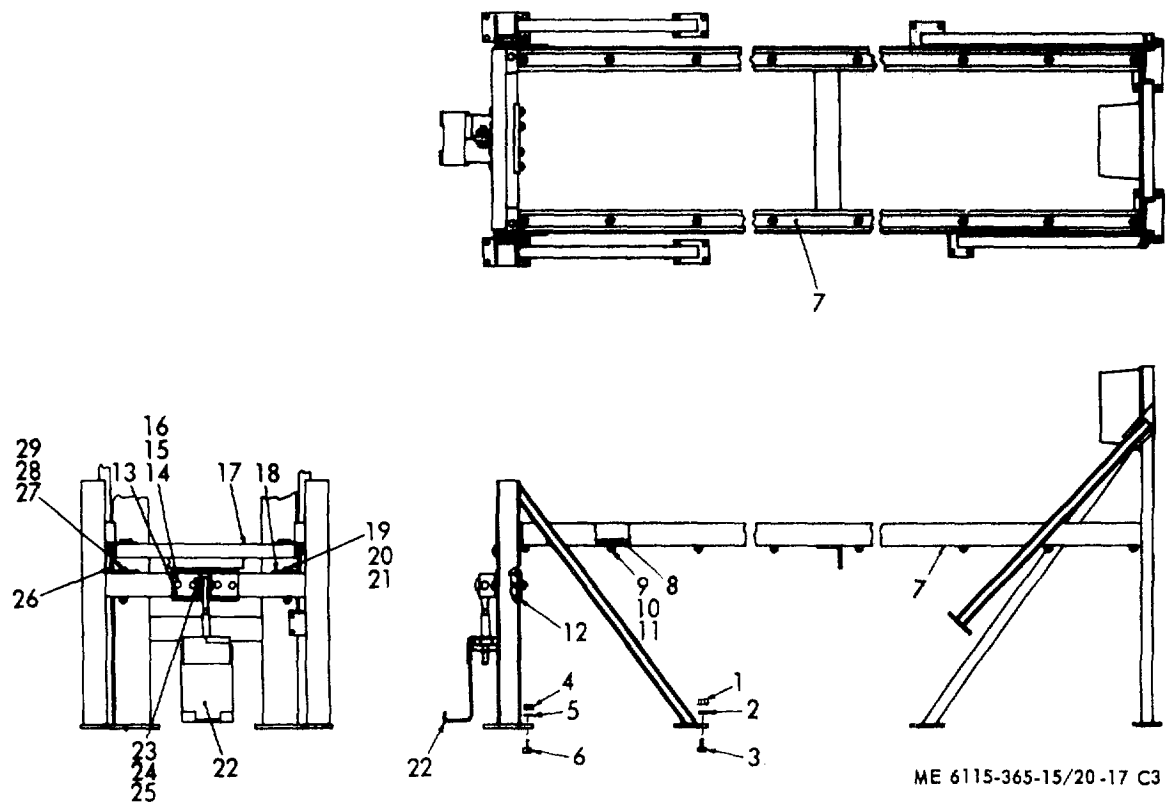
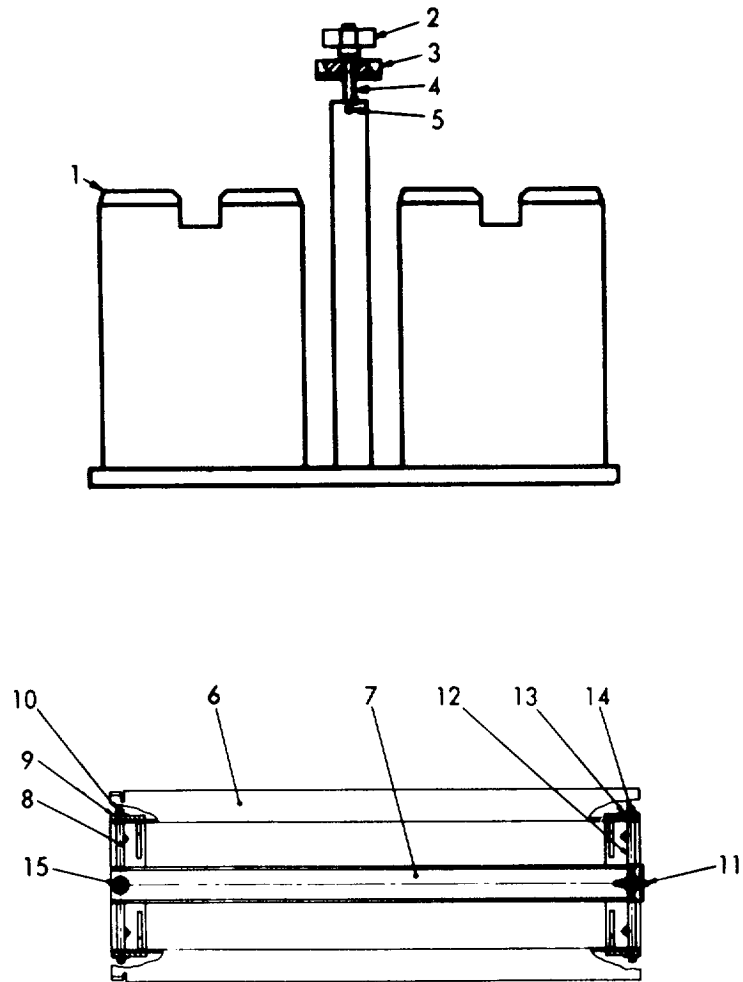


Figure 20-17. Curbside rack assembly.



ME 6115-365-15/20-18 C3

Figure 20-18. Holder assemblies.

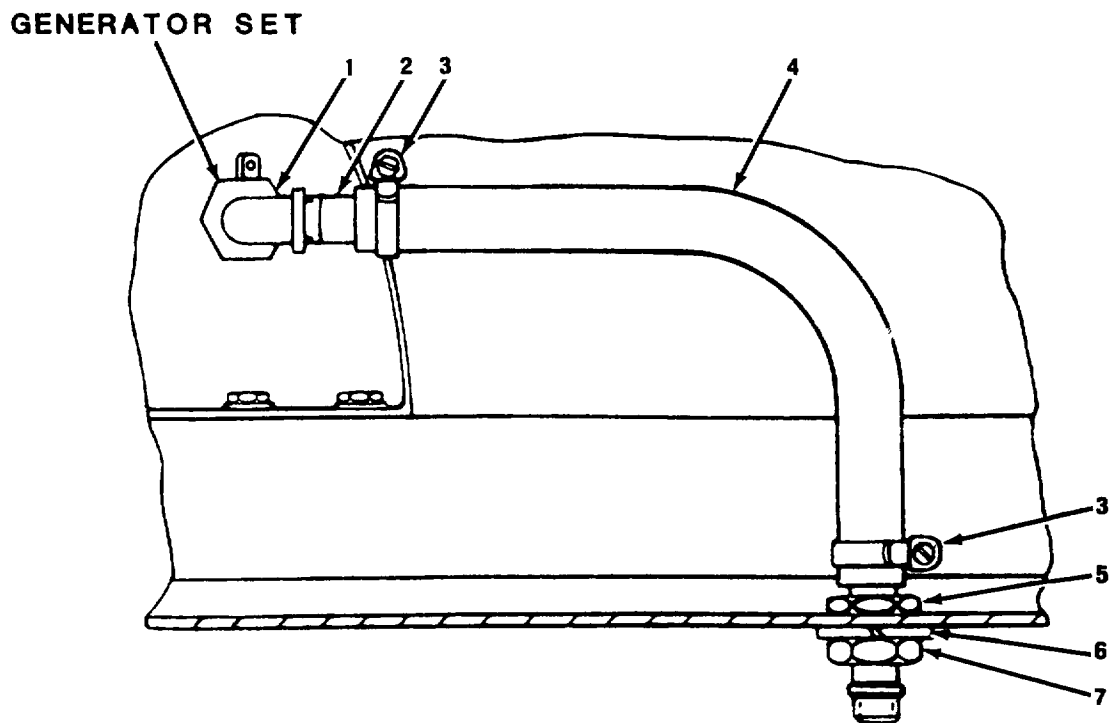


Figure 20-19. Oil drain assembly.



## CHAPTER 21

## GENERATOR SET, PU-656/G, NSN 6115-00-989-3296

## Section I. DESCRIPTION AND DATA

## 21-1. Description

a. *General.* The trailer mounted generator set, PU-656/G, consists of two 10 kW, DOD Model MEP-023A generator sets mounted on a 1 1/2 ton, 2-wheel cargo trailer, Model M103-A3.

b. *Generators.* The generators are powered by direct drive 4-cylinder, air-cooled, 20-hp, Military Standard Model 4A084 gasoline engines. For description and generator operation and maintenance, refer to TM 5-6115-450-15.

c. *Engines.* For description and engine maintenance information, refer to TM 5-2805-259-14.

d. *Trailer.* For description and maintenance of the trailer, refer to TM 9-2330-213-14.

e. *Lubrication.* For lubrication of the engine, refer to LO 5-2805-259-12. The trailer lubrication information is contained in LO 9-2330-213-12.

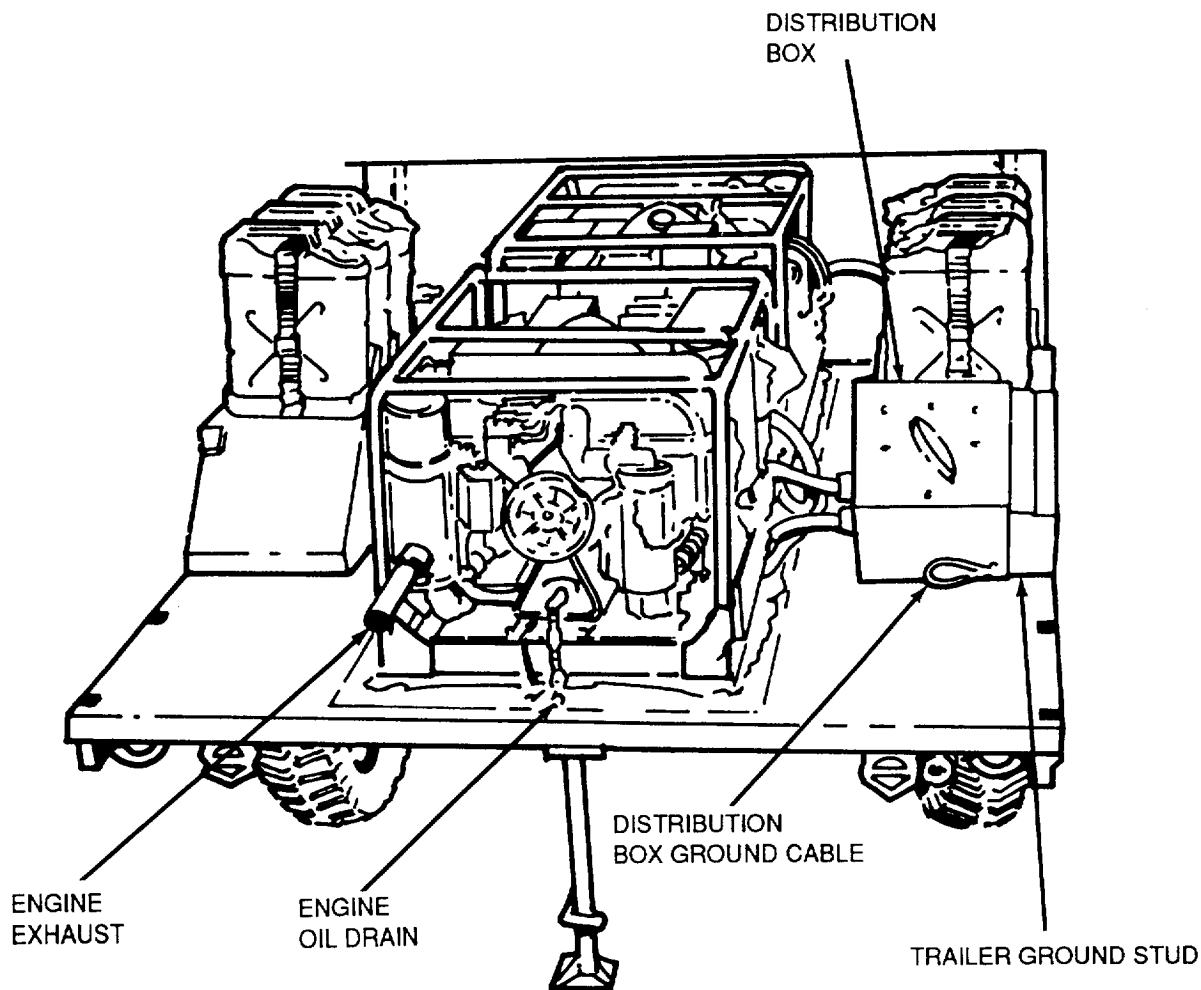


Figure 21-1. Generator set, PU-656/G

## 21-2. Tabulated Data

Table 21-1 lists components for the PU-656/G Generator Set.

Table 21-1. PU-656/G Components

FSN	Qty	Nomenclature
6110-913-9276	1	Distribution box
6115-926-0843	2	Generator, 10 kW, 400 hz, MEP-023A
5975-878-3791	2	Ground rod, w/attachments
5120-251-4489	1	Sledge hammer
2540-914-2558	1	Tarpaulin
2330-141-8052	1	Trailer, M103-A3, 1-1/2 ton

### 21-2.1. General

*a. Maintenance Forms and Records.* Every mission begins and ends with the paperwork. There isn't much of it, but you have to keep it up. The forms and records you fill out have several uses; they are a permanent record of the services, repairs, and modifications made on your equipment; they are reports to Organizational Maintenance and to your Commander; and they are a checklist for you when you want to know what is wrong with the equipment after its last use, and whether those faults have been fixed. For information you need on forms and records, see: DA Pamphlet 738-750.

*b. Preventive Maintenance Checks and Services.* (See Table 21-2)

(1) Do your before (B) PREVENTIVE MAINTENANCE just before you operate your equipment. Pay attention to the CAUTIONS and WARNINGS.

(2) Do your during (D) PREVENTIVE MAINTENANCE while the equipment and/or its component systems are in operation.

(3) Do your after (A) PREVENTIVE MAINTENANCE right after operating the equipment. Pay attention to the CAUTIONS and WARNINGS.

(4) Do your weekly (W) PREVENTIVE MAINTENANCE weekly.

(5) Do your monthly (M) PREVENTIVE MAINTENANCE once a month.

(6) If something doesn't work, troubleshoot it with the instructions in the appropriate TM and notify your supervisor.

(7) Always do your PREVENTIVE MAINTENANCE in the same order until it gets to be a habit. Once you've had some practice, you'll spot anything wrong in a hurry.

(8) If anything looks wrong and you can't fix it, write it on your DA Form 2404. If you find something seriously wrong, report it to Organizational Maintenance RIGHT NOW.

(9) When you do your PREVENTIVE MAINTENANCE, take along the tools you need to make all the checks. You always need a rag or two, also.

### 21-2.2. General Maintenance Procedures

*a. Cleanliness.* Dirt, grease, oil, and debris only get in the way and may cover up a serious problem. Clean as you work and as needed. Use dry cleaning solvent Type II, Fed. Spec PD-680, on all metal surfaces.

#### WARNING

**Dry cleaning solvent, Type II, Fed. Spec PD-680, is potentially dangerous to personnel and property. Do not use near open flame or excessive heat. Flash point of solvent is 139°F (59.4°C).**

*b. Bolts, Nuts, and Screws.* Check them all for obvious looseness, missing, bent, or broken condition. You can't try them all with a tool, of course, but look for chipped paint, bare metal, or rust around bolt heads. If you find one you think is loose, tighten it, or report it to Organizational Maintenance.

*c. Welds.* Look for loose or chipped paint, rust, or gaps where parts are welded together. If you find a bad weld, report it to Organizational Maintenance.

*d. Electric Wires and Connectors.* Look for cracked or broken insulation, bare wires, and loose or broken connectors. Check for loose connectors and make sure the wires are in good shape. Report loose connectors and bad wires to organizational maintenance.

e. *Hydraulic Lines and Fittings.* Look for wear, damage, leaks, and make sure clamps and fittings are tight. Wet spots show leaks, of course, but a stain around a fitting or connector can mean a leak. If a leak comes from a loose fitting or connector, report it to Organizational Maintenance. If something is broken or worn out, report it to Organizational Maintenance.

### 21-2.3. Fluid Leakage

It is necessary for you to know how fluid leakage affects the status of the fuel, lubricating, coolant, and hydraulic systems. The following are definitions of the types/classes of leakage you need to know to be able to determine the status of your equipment. Learn, then be familiar with them and REMEMBER --WHEN IN DOUBT, NOTIFY YOUR SUPERVISOR!

#### CAUTION

**Equipment operation is allowable with minor leakages (Class I or II) except fuel.**

**Of course, consideration must be given to the fluid capacity in the item/system being checked/inspected. When in doubt, notify your supervisor.**

**When operating with Class I or II leaks, check fluid levels more often than required in your PMCS.**

**Class III leaks should be reported to your supervisor or to Organizational Maintenance.**

a. *Class I.* Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.

b. *Class II.* Leakage of fluid great enough to form drops but not enough to cause drops to drip from item being checked/inspected.

c. *Class III.* Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

Table 21-2. Operator/Crew Preventive Maintenance Checks and Services

#### NOTE:

**These checks are to be made in the order listed, within designated interval.**

B - Before operation  
D - During operation

A - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
1						<u>GENERATOR SET</u>  a. Check for proper ground connection.  b. Remove canvas cover from generator set, if provided.	Generator set is not properly grounded.
2						<u>CONTROLS AND INSTRUMENTS</u>  a. CURRENT INDICATOR METER Indicates percent of applied load, not to exceed 100%. Rotate ammeter phase selector switch to monitor load applied to each phase.  b. BATTERY CHARGING AMMETER Indicates on + side of scale during normal operation.	No indication when load is applied.  Ammeter indicates a discharge.

Table 21-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE**

**These checks are to be made in the order listed, within designated interval.**

B - Before operation

A - After operation

M - Monthly

D - During operation

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
2 (cont)	•					c. OIL PRESSURE GAGE Normal reading is 20 to 60 PSI (1.406 to 4.218 Kg/sq cm).	Oil pressure below 20 psi.
	•					d. AC VOLTMETER Indicates output voltage. Adjust for desired voltage. Change voltage selector switch to monitor the voltage for each phase combination.	Voltage cannot be adjusted.  Desired voltage cannot be obtained and maintained.
	•					e. FREQUENCY METER Indicates generator frequency. Normal Readings: MEP-018A, 60 HZ (red line) MEP-023A, 400 HZ (red line)	Meter does not indicate the proper frequency.
	•					f. INSIDE INSTRUMENT PANEL Check for loose wiring, corroded wiring, and loose electrical components.	Faulty wiring or improper mounting of electrical components.
	•					g. FIRE EXTINGUISHER Check for damaged or broken seal or contents indicator.	Extinguisher seal broken or contents indicator shows less than fully charged.
3	•					<u>BATTERIES</u>  Insure connections are tight, not corroded, and wires are not frayed or damaged. Check for leaks.	Battery missing or will not crank engine.

Table 21-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE**

**These checks are to be made in the order listed, within designated interval.**

B - Before operation

A - After operation

M - Monthly

D - During operation

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
4						<p><u>FUEL CAN</u></p> <p><b>WARNING</b></p> <p>Do not fill fuel can while smoking or in vicinity of an open flame, provide a metal-to-metal contact between the container and the fuel can to prevent a spark from being generated as fuel flows over metallic surfaces. Failure to observe this may result in death to personnel.</p> <p>Do not fill the fuel can while the engine is running. Gasoline spilled on a hot engine may ignite.</p> <ul style="list-style-type: none"> <li>Add fuel as required to maintain operation. Do not overfill. Fill can after operation to minimize condensation in fuel can, and ready unit for next day's operation.</li> </ul> <p>Ensure generator set has cooled off before installing canvas cover.</p>	
5	•	•	•			<p><u>ENGINE</u></p> <p>Inspect the engine for loose or missing wiring, parts, and for any oil or fuel leaks.</p>	Class III oil leak or <u>ANY</u> fuel leak.
6	•		•			<p><u>OIL LEAK</u></p> <p>Check oil level. Add oil as required. full mark.</p>	Below add or above
7	•		•	•		<p><u>FUEL FILTER</u></p> <p>Inspect fuel filter for dirt, water, or sediment. *Clean</p>	

Table 21-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE****These checks are to be made in the order listed, within designated interval.**

B - Before operation

A - After operation

M - Monthly

D - During operation

W - Weekly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
8	•		•			<u>AIR CLEANER</u>  Inspect for obstructions and clean if necessary.  <b>NOTE</b>  When restriction indicator shows fully red, remove element from body and clean element with low pressure compressed air. If element is torn, dented, or damaged, replace element.	Restriction indicator shows fully red or element is torn, dented, or damaged.
9						<u>WHEELS AND TIRES</u>  <b>WARNING</b>  Improperly seated lockring could blow off. Never attempt to seat a lockring when tire is inflated. Serious injury or loss of life could result.  a. check for proper mounting of wheel assembly lockring.  b. Remove any glass, nails, or other debris imbedded in tread.  c. Check tires for obvious damage such as cuts, bruises, bulges, and flats.  d. Check tire pressure according to table below.  Tire size                      11:00-20                      9:00-20 Highway                      45 psi                      50 psi Cross country                      25 psi                      35 psi Sand                      20 psi                      25 psi	Lockring is improperly mounted.  One tire is flat, missing, or unserviceable.  Tire will not hold air pressure.
	•		•				
			•				
	•						
	•						

Table 21-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**B - Before operation  
D - During operationA - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
10						<u>FRAME SUSPENSION</u>  • Check for cracks or broken welds.	Cracked or has a broken weld.
11						<u>LIGHTS AND REFLECTORS</u>  • Check for obvious damage or looseness of lights, lenses, and reflectors. Check for proper operation.	Lights or reflectors are damaged or missing.
12						<u>BODY, CARGO, M105 SERIES</u>  • a. Check that stake racks and roof bows are properly installed and not broken or damaged.  • • b. Check to see that paulin is not torn or damaged and is properly tied down.	
13						<u>LANDING LEG</u>  • Check for proper mounting, alinement, and general condition.	Landing leg is seized, damaged, or missing.
14						<u>INTERVEHICULAR CABLE</u>  • • Check for general condition of cable and plug.	Intervehicular cable is broken or missing
15						<u>BRAKE SYSTEM</u>  • • a. Check for leakage of brake fluid from master cylinder, hydraulic brake lines, fittings, and brake fluid reservoir.  • • b. Check air lines, hoses, fittings, filters, and brake air chamber for leaks and general conditions.	Brake system has any leak.  Any leaks detected.

Table 21-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**

B - Before operation  
D - During operation

A - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
15 cont	•					c. Check for proper operation of handbrake.  d. Check for proper operation of service brakes.  <b>WARNING</b>  <b>Feel brake drums and hubs cautiously. Brake drums and hubs may be very hot. Failure to do so may cause injury to personnel.</b>  e. Feel for overheated brake drum or hub.	Handbrakes cannot be adjusted.  Brakes do not operate properly.  Brake drum or hub is excessively hot.

## Section II. OPERATING INSTRUCTIONS

### 21-3. Setting-Up Instructions

#### a. Leveling.

(1) Locate the trailer on as level a surface as possible for the generators to operate efficiently.

(2) Set hand brakes and block wheels securely to prevent any movement. Operate hand brake at weekly intervals to insure freedom of movement.

(3) Lower leg prop and adjust length for firm contact with ground.

#### **WARNING**

**Wheels must be blocked, brakes set, and leg prop down in support position before attempting to roll up tarpaulin and before starting to assemble or set-up equipment for operation.**

#### b. Preparation for Starting.

(1) Remove canvas tarpaulin, roof bows, and splash shield.

(2) Remove all loose auxiliary items that might block flow of air through the trailer and around the generator sets.

#### **CAUTION**

**It is of utmost importance that there be free circulation of air around the generator sets at all times.**

(3) Remove the pipe plugs from the engine oil drains and install the drain hoses as illustrated on figures 21-1 and 21-2. Be sure the drain cocks are closed.

(4) Install the engine exhausts as illustrated in figures 21-1 and 21-2.

(5) Install the engine spark plugs as described in TM 5-2805-259-14.

(6) Connect the electrical leads from the distribution box to the generator sets as illustrated on figure 21-3.



c. *Grounding.*

**WARNING**

**Never operate generator sets until they are properly grounded. Electrical defects in the load lines can cause death by electrocution.**

(1) The ground may be any of three methods, depending on the location and terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

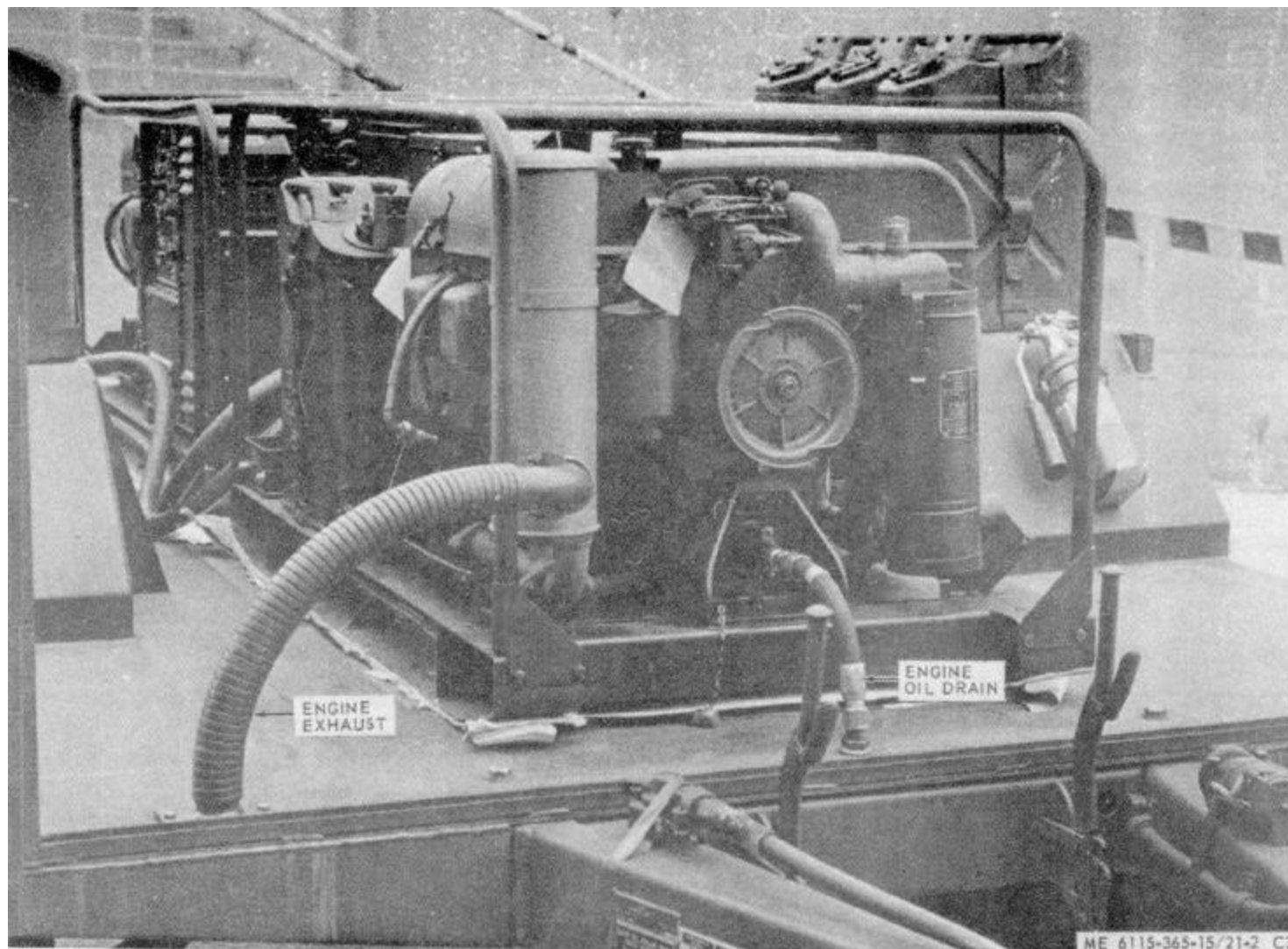
(c) A metal plate (9 square ft.) buried to a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire clamped or bolted to the rod, plate, or piping system.

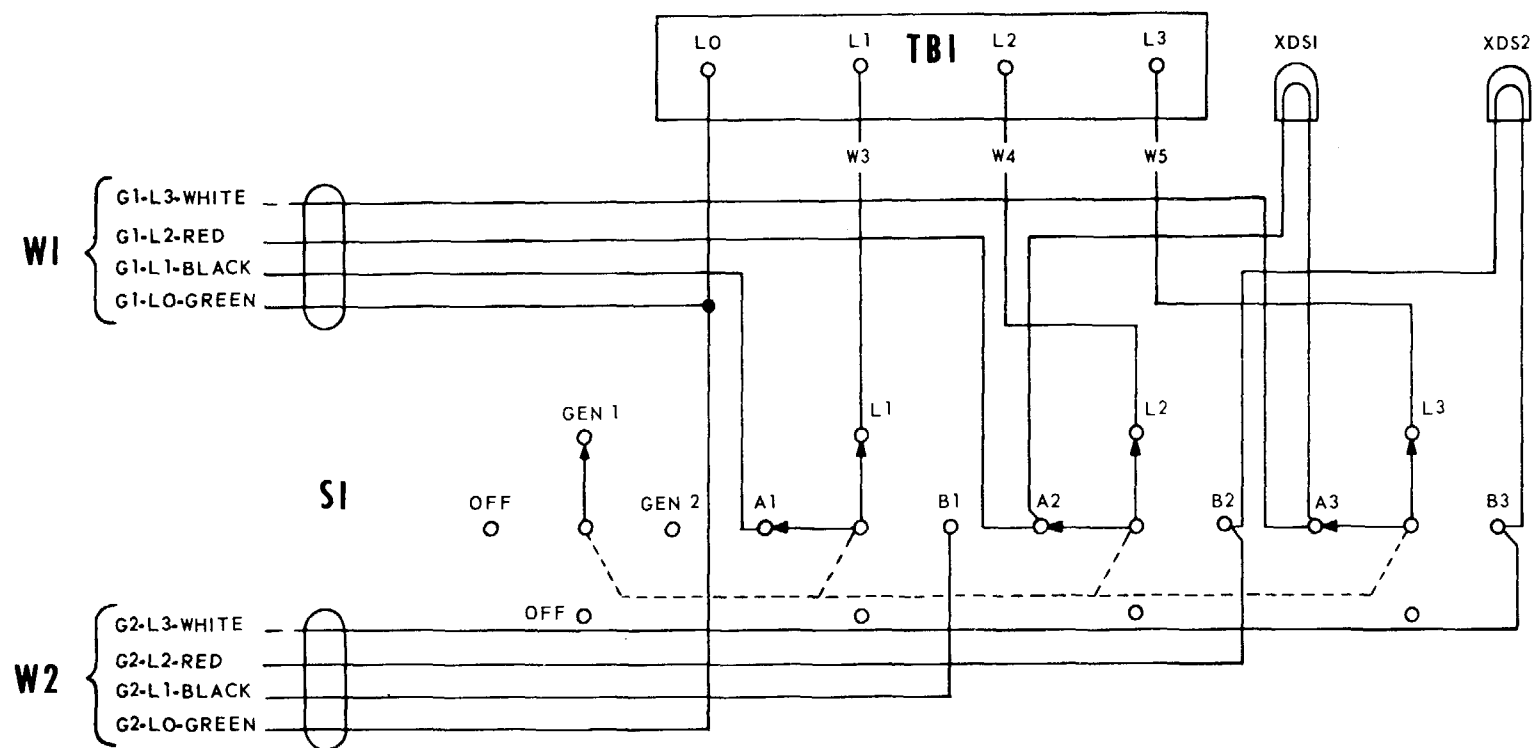
(3) Connect the other end of the ground lead to the trailer ground terminal.

(4) Connect the ground lead from the distribution box to the trailer ground terminal.

d. *Servicing.* Service the generators as described in TM 5-6115-450-15.



*Figure 21-2. Engine accessories, Installed view.*



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Figure 21-3. Wiring diagram.

#### 21-4. Starting

##### **WARNING**

**Never operate the generator set in an enclosed area unless exhaust gases are piped outside. Inhalation of exhaust fumes may result in serious illness or death.**

a. Perform the pre-starting operations in TM 5-6115-450-15.

b. Position the transfer switch to the desired generator.

c. Start the generator as prescribed in TM 5-6115-450-15.

#### 21-5. Stopping.

Stop the generator as described in TM 5-6115-450-15.

#### 21-6. Operation

Operate the generator set as instructed in TM 5-6115-450-15. Use the fuel transfer valve to perform fuel transfer operations from the set mounted 5-gallon can to the remote cans.

### **Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS**

Operator's maintenance of the power unit is concerned with keeping the generator sets lubricated; the fuel cans filled; the battery electrolyte level maintained; and cleaning and servicing the fuel filters and air cleaners as

described in TM 5-6115-450-15. Removal of dust and dirt from the equipment is also a routine maintenance function of the operator.

### **Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS**

#### 21-7. Tarpaulin and Roof Bows

##### *a. Removal.*

(1) Remove tarpaulin from unit.

(2) Pull out chain-secured pins that secure roof bows to trailer and remove bows.

##### *b. Cleaning and Inspection.*

(1) Clean tarpaulin and bows with water and detergent. Dry thoroughly.

(2) Inspect tarpaulin for tears, holes, broken or missing ropes and straps, and other defects. Inspect bows for cracks, bends, or other defects.

*c. Installation.* Installation is reverse of procedure *a* above. Be sure tarpaulin is treated for waterproofing and mildew resistance before reinstalling.

#### 21-8. Transfer Switch Indicating Lamp Replacement

Unscrew defective lamp from switch box and remove gasket. Install gasket on replacement lamp and screw into base socket in distribution box.

### **Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS**

#### 21-9. Generator Set

##### *a. Removal.*

(1) Disconnect remote fuel line at three-way valve.

(2) Disconnect electrical leads and load cables.

(3) Disconnect oil drain adapter.

(4) Remove the battery.

(5) Disconnect the exhaust pipe (front engine only).

(6) Remove nuts, washers, and capscrews that secure generator set to trailer body and remove generator set.

*b. Installation.* Installation is reverse of removal, procedure *a* above. Make sure that the beveled washers are properly positioned so that generator set is securely mounted to the trailer body.

## 21-10. Distribution Box

### *a. Removal.*

(1) Disconnect load lines from the generators and loosen cable clamps so that cables will be removed with distribution box.

(2) Disconnect ground wire to trailer terminal stud.

(3) Remove nuts and washers that secure distribution box to trailer fender and remove box and cables.

*b. Disassembly.* Refer to figure 21-4 and disassemble the distribution box components. Tag the cable ends for proper reassembly.

*c. Reassembly.* Reassembly is reverse of disassembly procedure *b* above. Make sure "O" rings are properly installed to prevent water entering around the switch and screws.

*d. Installation.* Installation is reverse of removal procedure *a* above. Refer to figure 21-3 to assure that electrical load cables are properly connected.

## 21-11. Trailer Body

### *a. Removal.*

(1) Remove tarpaulin and bows.

(2) Remove fuel cans and holders.

(3) Disconnect exhaust line and remove generators (para 3-9).

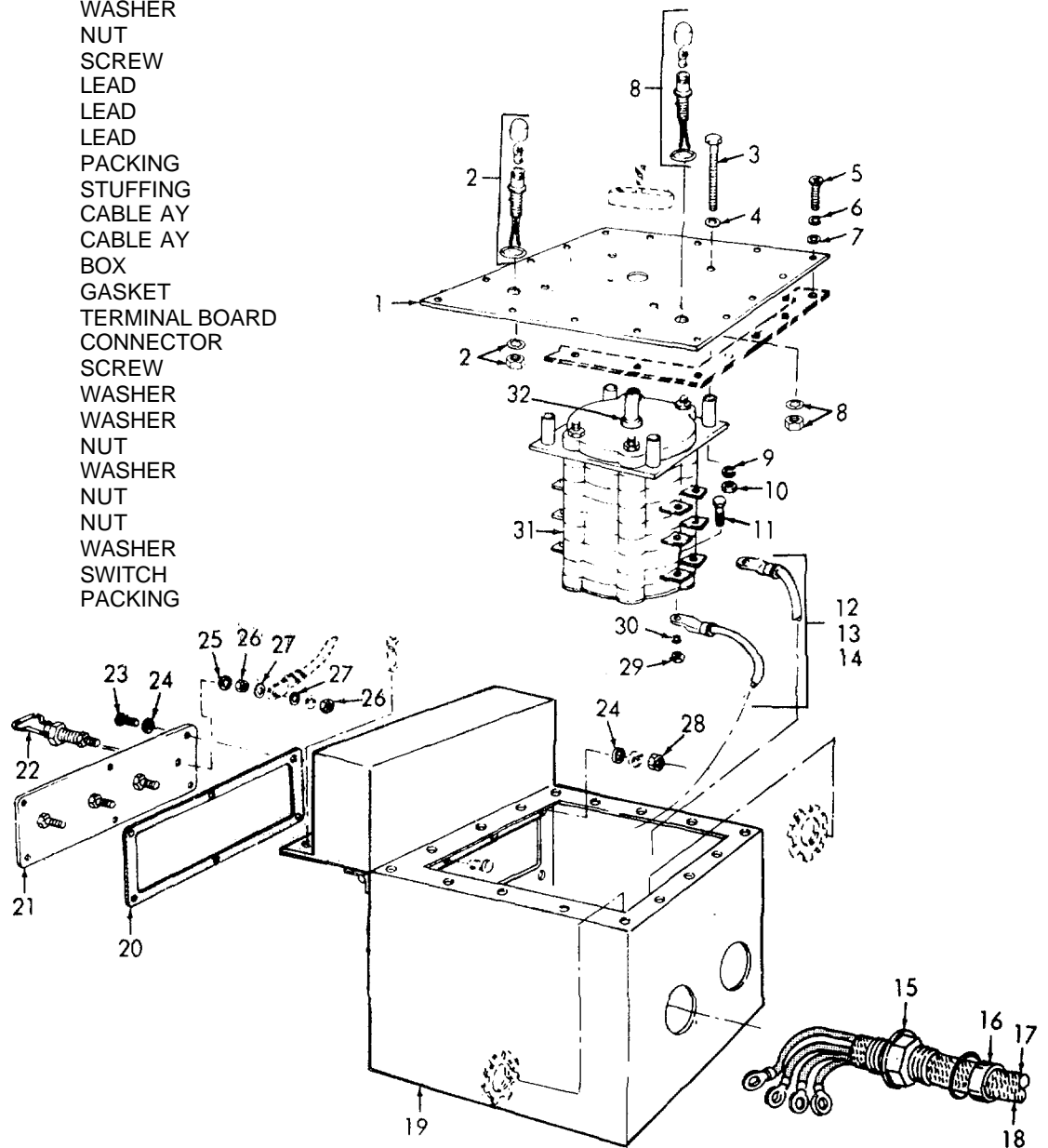
(4) Remove distribution box (para 3-10).

(5) Remove nuts, washers, and bolts, and capscrews that secure trailer body to chassis and remove body.

*b. Installation.* Using a serviceable trailer body, reverse removal procedure *a* above. Apply touch-up paint to securing hardware after complete reassembly.

LEGEND

ITEM NO.	FUNCT GROUP	ITEM NAME
1	4206	COVER
2	4206	LIGHT-WIRE
3	4206	SCREW
4	4206	PACKING
5	2210	SCREW
6	2210	WASHER
7	2210	WASHER
8	4206	LIGHT-WIRE
9	4206	WASHER
10	4206	NUT
11	4206	SCREW
12	4206	LEAD
13	4206	LEAD
14	4206	LEAD
15	4206	PACKING
16	4206	STUFFING
17	4206	CABLE AY
18	4206	CABLE AY
19	4206	BOX
20	4206	GASKET
21	4206	TERMINAL BOARD
22	4206	CONNECTOR
23	4206	SCREW
24	4206	WASHER
25	4206	WASHER
26	4206	NUT
27	4206	WASHER
28	4206	NUT
29	4206	NUT
30	4206	WASHER
31	4206	SWITCH
32	4206	PACKING



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Figure 21-4. Distribution box.

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
00001		PART I - PU-656/G								
00002		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
00003		GROUP 06 - ELECTRICAL SYSTEM								
00003		0608 - MISCELLANEOUS TRAILER WIRING								
X2 0 00004		CABLE ASSEMBLY, TAILLIGHT 13216E7479 (97403)	EA	2					21-6	32
X2 0 00005		LEAD, ELECTRICAL, TAILLIGHT 13216E7476 (97403)	EA	1					21-6	31
X2 0 00006		STRAP, CABLE: ADJUSTABLE PLASTIC TYPE MS17821-1-9 (96906)	EA	6					21-6	30
00010		GROUP 18 - BODY								
00011		1810 - CARGO BODY								
X2 0 00013		BOLT, HEXAGON HEAD: 5/8-11 X 6 1/2 IN. IG FFB575TYPE3 (81348)	EA	2					21-5	42
0 00014	5305-724-5911	CAP SCREW, HEXAGON HEAD: 5/8-11 X 1 3/4 IN. LG MS90725-163 (96906)	EA	6	*	*	*	*	21-5	29
0 00015	5310-269-3211	CAP SCREW, HEXAGON READ: 3/8-16 X1 IN. LG MS90725-60 (96906)	EA	16	*	*	*	*	21-5	41
0 00016	5310-269-4040	NUT, SELF-LOCKING: 5/8-11 UNC MS51922-49 (96906)	EA	8	*	*	*	*	21-5	27
0 00017	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 UNC MS51922-17 (96906)	EA	12	*	*	*	*	21-5	38
0 00019	53104-823-8803	WASHER, FLAT: 5/8 IN. BSC SIZE MS27183-21 (96906)	EA	16	*	*	*	*	21-5	28
0 00020	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	28	*	*	*	*	21-5	40
0 00021	5310-637-9541	WASHER, LOCK: 3/8 IN. NOM. SIZE MS35338-46 (96906)	EA	4	*	*	*	*	21-5	39
00022		GROUP 22 - BODY ACCESSORY ITEMS								
00023		2201 - CANVAS ITEMS								
P OR 00024	6115-459-5946	TARPAULIN 13216E7434 (97403)	EA	1	*	*	*	2		
00025		2202 - ACCESSORY ITEMS								
X2 0 00026	2540-924-8478	BOW, TRAILER: 55 3/4 IN. 13212E3597-2 (97403)	EA	2					21-5	16
X2 0 00027	2540-926-1003	BOW, TRAILER: 68 IN. 13212E3597-1 (97403)	EA	4					21-5	18
X2 0 00028	2590-473-6331	BRACKET ASSEMBLY: LIQUID CONTAINER, 5 GAL MS53052-1 (96906)	EA	6					21-5	31
X2 0 00029	5340-999-6277	BRACKET ASSEMBLY: SLEDGE HAMMER MTG 13214E1214 (97403)	EA	1					21-5	24
X2 0 00030	7240-222-3088	CAN, GASOLINE: MILITARY., 5 GAL MILC1283 (81349)	EA	6					21-5	15

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
						(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
						1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE									
0 00031	5305-269-3213	CAPSCREW, HEXAGON HEAD; 3/8-16 X 1 1/4 IN LG M590725-62 (96906)		EA	24	*	*	*	*	21-5	34
0 00032	5305-721-8010	CAPSCREW, HEXAGON HEAD:1/4-20 X 2 IN. LG M35307-314 (96906)		EA	2	*	*	*	*	21-	46
0 00033	5305-225-3839	CAPSCREW, HEXAGON HEAD:1/4-20 X 1 IN. LG MS90725-8 (96906)		EA	2	*	*	*	*	21-6	23
0 00034	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)		EA	1	*	*	*	*	21-6	29
0 00035	5305-068-0502	CAPSCREW, HEXAGON HEAD:1/4-20 X 3/4 IN. LG MS90725-6 (96906)		EA	8	*	*	*	*	21-5	10
0 00036	5305-068-0501	CAPSCREW, HEXAGON HEAD 1/4-20 X 5/8 IN. LG MS90725-5 (96906)		EA	12	*	*	*	*	21-6	5
X2 0 00037	2590-932-7298	CLAMP: GROUND ROD MTG 13212E3617-1 (97403)		EA	4					21-6	8
X2 0 00038	5340-914-2578	CLIP, SPRING: SLEDGE HAMMER 13214E1213-1 (97403)		EA	1					21-6	26
00039											
00040											
0 00041	5310-087-4652	NUT, SELF-LOCKING	3/8-16 UNC	EA	24	*	*	*	*	21-5	32
0 00042	5310-080-8495	NUT, PLAIN, WING MS35425-39 (96906)	1/4-20 UNC	EA	2	*	*	*	*	21-5	43
0 00043	5310-088-1251	NUT, SELF-LOCKING: MS51922-1 (96906)	1/4-20 UNC	EA	8	*	*	*	*	21-6	9
0 00044	5310-088-1251	NUT, SELF-LOCKING: MS51922-1 (96906)	1/4-20 UNC	EA	2	*	*	*	*	21-6	21
0 00045	5310-088-1251	NUT, SELF-LOCKING: MS51922-1 (96906)	1/4-20 UNC	EA	1	*	*	*	*	21-6	27
0 00046	5310-088-1251	NUT, SELF-LOCKING: MS51922-1 (96906)	1/4-20 UNC	EA	8	*	*	*	*	21-5	8
0 00047	5310-088-1251	NUT, SELF-LOCKING MS51922-1 (96906)	1/4-20 UNC	EA	12	*	*	*	*	21-6	3
X2 00048		PLATE, FRONT SHIELD 13212E3611-1 (97403)		EA	1					21-5	47
X2 0 00049	9905-202-3639	REFLECTOR, CLEARANCE, AMER MS35387-2 (96906)		EA	2					21-6	6
X2 0 00050	9905-205-2795	REFLECTOR, CLEARANCE, RED MS35387-1 (96906)		EA	4					21-6	2
00051											
0 00052	5305-958-5247	SCREW, MACHINE: MS35190-291 (96906)	1/4-20 X 1 IN.	EA	8	*	*	*	*	21-6	11
0 00053	5310-809-4061	WASHER, FLAT: MS27183-15 (96906)	3/8 IN. BSC SIZE	EA	24	*	*	*	*	21-5	33
0 00054	5310-809-4058	WASHER, FLAT: MS27183-10 (96906)	1/4 IN. BSC SIZE	EA	4	*	*	*	*	21-5	44
0 00055	5310-933-8121	WASHER, LOCK: MS35388-139 (96906)	1/4 IN. NOM. SIZE	EA	2	*	*	*	*	21-5	45



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION		(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
						(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
						1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE	USABLE ON CODE								
0 00056 0 00057 0 00058 0 00059 0 00060	5310-809-4058	WASHER, FLAT: 1/4 IN. BS SIZE MS27183-10 (96906)		EA	8	*	*	*	*	21-6	10
0 00057 0 00058 0 00059 0 00060	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)		EA	4	*	*	*	*	21-6	22
0 00058 0 00059 0 00060	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)		EA	2	*	*	*	*	21-6	28
0 00059 0 00060	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)		EA	16	*	*	*	*	21-5	9
0 00060	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)		EA	12	*	*	*	*	21-6	4
00061		2210 - DATA PLATES									
X2 0 00062		PLATE, IDENTIFICATION: GROUND TERMINAL 13205E4918 (97403)		EA	1					21-5	17
X2 0 00063		PLATE, IDENTIFICATION: PU-656/G 13205E4916-17 (97403)		EA	1					21-5	1
00064		GROUP 29 - AUXILIARY GENERATOR AND ENGINE									
00070		2941 - ENGINE EXHAUST									
0 00071	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)		EA	2	*	*	*	*	21-5	4
X2 0 00072 0 00073 X2 0 00074 X2 0 00075 0 00076	5340-917-6400	CLAMP ASSEMBLY 13212E3592-4 (97403)		EA	2	*	*	*	*	21-6	6
0 00073 X2 0 00074 X2 0 00075 0 00076	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)		EA	2	*	*	*	*	21-5	2
X2 0 00074 X2 0 00075 0 00076		TUBE, EXHAUST, FRONT 13216E7461 (97403)		EA	1					21-5	5
X2 0 00075 0 00076		TUBE, EXHAUST, REAR 13214E1238 (97403)		EA	1					21-5	26
0 00076	5310-809-4058	WASHER, FLAT : 1/4 IN. BSC SIZE MS27183-10 (96906)		EA	4	*	*	*	*	21-5	3
00077		GROUP 42 - ELECTRICAL EQUIPMENT									
00078		4202 - ELECTRICAL CONTROL									
X2 0 00090 X2 0 00091		LIGHT AND WIRE: 12 IN. LG 13212E3581-1 (97403)		EA	1					21-4	2
X2 0 00091		LIGHT AND WIRE: 17 IN. LG 132125358 (97403)		EA	1					21-4	8
00112		4216 - MISCELLANEOUS WIRING AND FITTINGS									
0 00113	5305-071-224	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 1/4 IN. LG MS90725-10 (96906)		EA	4	*	*	*	*	21-5	13
0 00114	5305-543-4718	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS35309-358 (96906)		EA	1	*	*	*	*	21-6	12
X2 0 00115 X2 0 00116		CLAMP, CABLE, DOUBLE 13212E3591-5 (97403)		EA	2					21-5	14
X2 0 00116	5340-930-1754	CLAMP, LOOP, DOUBLE MS21334-2 (96906)		EA	2					21-5	24

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
0 00117	5310-918-6921	NUT, PLAIN, HEXAGON HEAD: 3/8-16 THD SIZE MS16203-39 (96906)	EA	3	*	*	*	*	21-6	16
0 00118	5310-543-4717	NUT, PLAIN, WING: BRASS, 3/8-16 UNC MS35425-28 (96906)	EA	1	*	*	*	*	21-6	14
0 00119	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	4	*	*	*	*	21-5	13
0 00120	5310-934-9758	NUT, PLAIN, HEXAGON HEAD: NO. 10-24 UNC MS35649-202 (96906)	EA	2	*	*	*	*	21-5	20
0 00121	5310-918-6921	NUT, PLAIN, HEXAGON HEAD: 3/8-16 UNC MS16203-39 (96906)	EA	1	*	*	*	*	21-6	20
0 00122	5305-984-6211	SCREW, MACHINE, PAN HEAD:10-24 X 5/8 IN. LG MS35206-264 (96906)	EA	2	*	*	*	*	21-5	20
X2 0 00123	5307-722-9437	STUD, GROUNDING 13214E1223 (97403)	EA	1					21-6	17
0 00124	5940-688-6010	TERMINAL, LUG: CRIMP STYLE, NO. 6 AWG MS20659- 10 (96906)	EA	4	*	*	*	*	21-6	19
0 00125	5310-913-9776	WASHER, LOCK: 3/8 IN. NOM. SIZE MS35335-91 (96906)	EA	2	*	*	*	*	21-6	18
X2 0 00126	5310-187-2413	WASHER, FLAT: ELECTRICAL, 3/8 IN. BSC SIZE AN961-616T (88044)	EA	4					21-6	15
0 00127	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8	*	*	*	*	21-5	12
0 00128	5310-045-3296	WASHER, LOCK: NO. 10 NOM SIZE MS35338-43 (96906)	EA	2	*	*	*	*	21-5	21
0 00129	5310-809-8546	WASHER, FLAT: NO. 10 BSC SIZE MS27183-8 (96906)	EA	4	*	*	*	*	21-5	22
0 00130	5310-913-9776	WASHER, LOCK: 3/8 IN. NOM SIZE MS35335-91 (96906)	EA	1	*	*	*	*	21-6	13
X2 0 00131	6145-299-6188	WIRE, ELECTRICAL: NO. 6 AWG(AS REQUIRED) QQW343TYPERB (81348)	FT						21-5	19

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)	
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  USABLE  ON CODE  REF NUMBER & MFR CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100  EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
					ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
00001		PART II - PU-656/G												
		REPAIR PARTS FOR DS, GS AND DEPOT MAINTENANCE												
00002		GROUP 06 - ELECTRICAL SYSTEM												
00003		0608 - MISCELLANEOUS TRAILER WIRING												
X2 0		CABLE ASSEMBLY, TAILLIGHT	EA	2									21-6	32
00004		13216E7479 (97403)												
X2 0		LEAD, ELECTRICAL, TAILLIGHT	EA	1									21-6	31
00005		13216E7476 (97403)												
X2 0		STRAP, CABLE: ADJUSTABLE PLASTIC TYPE	EA	6									21-6	30
00006		MS17821-1-9 (96906)												
00007		GROUP 15 - FRAME												
00008		1501 - FRAME ASSEMBLY												
X2 DR		CHASSIS, TRAILER	EA	1									21-6	1
00009		13212E3588-2 (97403)												
00010		GROUP 18 - BODY												
00011		1810 - CARGO BODY												
X2 DR		BODY, TRAILER	EA	1									21-5	30
00012		13214E1495 (97403)												
X2 0		BOLT, HEXAGON HEAD:5/8-11 X 6 1/2 IN. LG	EA	2									21-5	42
00013		FFB575TYPE3 (81348)												
0	5305-724-5911	CAPSCREW, HEXAGON HEAD: 5/8-11 X 1 3/4 IN. LG	EA	6	*	*	*	*	*	*	*	*	21-5	29
00014		MS90725-163 (96906)												
0	5310-269-3211	CAPSCREW, HEXAGON HEAD: 3/9-16 X 1 IN. LG	EA	16	*	*	*	*	*	*	*	*	21-5	41
00015		MS90725-60 (96906)												
0	5310-269-4040	NUT, SELF-LOCKING:5/8-11 UNC	EA	8	*	*	*	*	*	*	*	*	21-5	27
00016		MS51922-49 (96906)												
0	5310-087-4652	NUT, SELF-LOCKING:3/8-16 UNC	EA	12	*	*	*	*	*	*	*	*	21-5	38
00017		MS51922-17 (96906)												
X 2D		SHIM (AS REQUIRED)	EA										21-5	48
00018		13212E3590 (97403)												
0	5310-823-8803	WASHER, FLAT: 5/8 IN. BSC SIZE	EA	16	*	*	*	*	*	*	*	*	21-5	28
00019		MS27183-21 (96906)												
0	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE	EA	28	*	*	*	*	*	*	*	*	21-5	40
00020		MS27183-15 (96906)												
0	5310-637-9541	WASHER, LOCK: 3/8 IN. NOM. SIZE	EA	4	*	*	*	*	*	*	*	*	21-5	39
00021														
00022		MS35338-46 (96906)												
00023		GROUP 22 - BODY ACCESSORY ITEMS												
P OR	6115-459-5946	2201 - CANVAS ITEMS												
00024		TARPAULIN	EA	1	*	2	2	*	2	2	10	10		
		13216E7434 (97403)												

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00025		2202 - ACCESSORY ITEMS												
X2 0	2540-924-8478	BOW, TRAILER: 55 3/4 IN. 13212E3597-2 (97403)	EA	2									21-5	16
X2 0	2540-926-1003	BOW, TRAILER: 68 IN. 13212E3597-1 (97403)	EA	4									21-5	18
X2 0	2590-473-6331	BRACKET ASSEMBLY: LIQUID CONTAINER, 5 GAL MS53052-1 (96906)	EA	6									21-5	31
X2 0	5340-999-6277	BRACKET ASSEMBLY: SLEDGE HAMMER MTG 13214E1214 (97403)	EA	1									21-5	24
X2 0	7240-222-3088	CAN, GASOLINE:MILITARY, 5 GAL MILC1283 (8'349)	EA	6									21-5	15
0	5305-269-3213	CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 1/4 IN. LG MS90725-62 (96906)	EA	24	*	*	*	*	*	*	*	*	21-5	34
0	5305-721-8010	CAPSCREW, HEXAGON HEAD: 1/4-20 X 2 IN. LG MS35307-314 (96906)	EA	2	*	*	*	*	*	*	*	*	21-5	46
0	5305-225-3839	CAPSCREW, HEXAGON HEAD 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	*	*	*	*	21-6	23
0	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	1	*	*	*	*	*	*	*	*	21-6	29
0	5305-068-0502	CAPSCREW, HEXAGON MEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	8	*	*	*	*	*	*	*	*	21-5	10
0	5305-068-0501	CAPSCREW, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	12	*	*	*	*	*	*	*	*	21-6	5
X2 0	2590-932-7298	CLAMP: GROUND ROD MTG 13212E3617-1 (97403)	EA	4									21-6	8
X2 0	5340-914-2578	CLIP, SPRING: SLEDGE HAMMER 13214E1213-1 (97403)	EA	1									21-6	26
0	5310-087-4652	NUT, SELF-LOCKING 3/8-16 UNC MS51922-17 (96906)	EA	24	*	*	*	*	*	*	*	*	21-5	32
0	5310-080-8495	NUT, PLAIN, WING:1/4-20 UNC MS35425-39 (96906)	EA	2	*	*	*	*	*	*	*	*	21-5	43
0	5310-088-1251	NUT, SELF-LOCKING:1/4-20 UNC MS51922-1 (96906)	EA	8	*	*	*	*	*	*	*	*	21-6	9
0	5310-088-1251	NUT, SELF-LOCKING:1/4-20 UNC MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	21-6	21
0	5310-088-1251	NUT, SELF-LOCKING:1/4-20 UNC MS51922-1 (96906)	EA	1	*	*	*	*	*	*	*	*	21-6	27
00	5310-088-1251	NUT, SELF-LOCKING, 1/4-20 UNC MS51922-1 (96906)	EA	8	*	*	*	*	*	*	*	*	21-5	8
0	5310-088-1251	NUT, SELF-LOCKING:1/4-20 UNC MS51922-1 (96906)	EA	12	*	*	*	*	*	*	*	*	21-6	3
X2 0		MS51922-1 (96906) PLATE, FRONT SHIELD 13212E3611-1 (97403)	EA	1									21-5	47
X2 0	9905-202-3639	REFLECTOR, CLEARANCE, AMBER MS35387-2 (96906)	EA	2									21-6	6

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
X2 0 00050	9905-205-2795	REFLECTOR, CLEARANCE, RED MS35387-1 (96906)	EA	4									21-6	2
00051 0	5305-958-5247	SCREW, MACHINE: 1/4-20 X 1 IN. LG MS35190-291 (96906)	EA	8	*	*	*	*	*	*	*	*	21-6	11
00052 0	5310-809-4061	WASHER, FLAT: 3/8 IN. BSC SIZE MS27183-15 (96906)	EA	24	*	*	*	*	*	*	*	*	21-5	33
00053 0	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	21-5	44
00054 0	5310-933-8121	WASHER, LOCK: 1/4 IN. NOM. SIZE, MS35388-139 (96906)	EA	2	*	*	*	*	*	*	*	*	21-5	45
00055 0	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8	*	*	*	*	*	*	*	*	21-6	10
00056 0	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	21-6	22
00057 0	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	*	*	*	*	21-6	28
00058 0	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	16	*	*	*	*	*	*	*	*	21-5	9
00059 0	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	12	*	*	*	*	*	*	*	*	21-6	4
00060 00061		2210 - DATA PLATES												
X2 0 00062		PLATE, IDENTIFICATION: GROUND TERMINAL 13205E4918 (97403)	EA	1									21-5	17
X2 0 00063		PLATE, IDENTIFICATION: PU-656/G 13205E4916-17 (97403)	EA	1									21-5	1
00064 00065		GROUP 29 - AUXILIARY GENERATOR AND ENGINE 2901 - GENERATOR AND ENGINE ASSEMBLY												
F 00066	5305-724-5911	SCREW, CAP, HEXAGON HEAD: 5/8-11 X 1 3/4 IN LG MS90725-163 (96906)	EA	8	*	*	*	*	*	*	*	*	21-5	37
X2 FR 00067	6115-926-0843	GENERATOR SET: 10KW, MEP-023A MILG52280TYPE2 (81349)	EA	2									21-5	25
F 00068	5310-269-4040	NUT, SELF-LOCKING 5/8-11 UNC MS51922-49 (96906)	EA	8	*	*	*	*	*	*	*	*	21-5	35
F 00069	5310-823-8803	WASHER, FLAT: 5/8 IN. BSC SIZE MS27183-21 (96906)	EA	16	*	*	*	*	*	*	*	*	21-5	36
00070 0		2941 - ENGINE EXHAUST												
00071	5305-225-3839	SCREW, CAP, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	*	*	*	*	21-5	4
X2 0 00072	5340-917-6400	CLAMP ASSEMBLY 13212E3592-4 (97403)	EA	2									21-5	6
0 00073	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	21-5	2
X2 0 00074		TUBE, EXHAUST, FRONT 13216E7461 (97403)	EA	1									21-5	5

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)	(9)	(10)	
					30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE			1-YR ALW PER 100	DEPOT MAINT ALW PER 100	ILLUS- TRATION	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100	EQUIP CNTGCTY	100 EQUIP	(a) FIG. NO.	(b) ITEM NO.
X2 0 00075 0 00076	5310-809-4058	TUBE, EXHAUST, REAR 13214E7238 (97403)	EA	1									21-5	26
		WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	21-5	3
00077 00078		GROUP 42 - ELECTRICAL EQUIPMENT 4202 - ELECTRICAL CONTROL												
P FR 00079	6110-913-9276	DISTRIBUTION BOX 13212E3577 (97403)	EA	1	*	*	*	*	*	*	2	2	21-4	
X2 H 00080		BOX 13212E3578 (97403)	EA	1									21-4	19
X2 H 00081	6115-948-7389	CABLE ASSEMBLY 13212E3584-1 (97403)	EA	1									21-4	17
X2 H 00082	6115-948-7390	CABLE ASSEMBLY 13212E3585-1 (97403)	EA	1									21-4	18
F 00083	5305-983-7467	CAPSCREW, SOCKET HEAD: 1/2-13 X 3 IN. LG MS16997-149 (96906)	EA	4	*	*	*	*	*	*	*	*	21-4	3
X2 F 00084	5940-943-7740	CONNECTOR, TERMINAL POST 13213E3949 (97403)	EA	4									21-4	22
X2 F 00085		COVER, DISTRIBUTION BOX 13212E3579 (97403)	EA	1									21-4	1
X2 F 00086		GASKET, TERMINAL BOARD 13212E3583 (97403)	EA	1									21-4	20
X2 H 00087		LEAD, ELECTRICAL 13212E3586-1 (97403)	EA	1									21-4	12
X2 H 00088		LEAD, ELECTRICAL 13212E3586-2 (97403)	EA	1									21-4	13
X2 H 00089		LEAD, ELECTRICAL 13212E586-3 (97403)	EA	1									21-4	14
X2 0 00090		LIGHT AND WIRE: 12 IN. LG 13212E3581-1 (97403)	EA	1									21-4	2
X2 0 00091		LIGHT AND WIRE: 17 IN. LG 13212E3581 (97403)	EA	1									21-4	8
F 00092	5310-225-6993	NUT, PLAIN, HEXAGON: JAM, 1/2-13 THD SIZE MS16203-41 (96906)	EA	4	*	*	*	*	*	*	*	*	21-4	26
H 00093	5310-088-1251	NUT, SELF-LOCKING 1/4-20 THD SIZE MS51922-1 (96906)	EA	6				*	*	*	*	*	21-4	28
F 00094	5310-225-6993	NUT, SELF-LOCKING: 1/2-13 THD SIZE MS51922-33 (96906)	EA	4	*	*	*	*	*	*	*	*	21-4	10
H 00095	5310-222-0671	NUT, PLAIN, HEXAGON HEAD,: BASS, 3/8-24 THD SIZE MS20341-616A (96906)	EA	9				*	*	*	*	*	21-4	29
X2 F 00096	5330-833-1428	PACKING, PREFORMED: O RING MS28775-142 (96906)	EA	2									21-4	15
X2 F 00097	5330-579-7916	PACKING, PREFORMED MS28775-115 (96906)	EA	1									21-4	32
F 00098	5330-618-5361	PACKING, PREFORMED: O RING MS28775-015 (96906)	EA	4	*	*	*	*	*	*	*	*	21-4	4
H 00099	5305-988-1727	SCREW, MACHINE, PAN HEAD: 1/4-20 X 1 IN. LG MS35206-283 (96906)	EA	6				*	*	*	*	*	21-4	23
H 00100		SCREW, MACHINE, PAN HEAD: 3/8-24 X 3/4 IN. IL MS35215-95 (96906)	EA	1									21-4	11

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
F 00101	5305-989-7434	SCREW, MACHINE, PAN HEAD: 10-32 X 1/2 IN. LG MS35207-263 (96906)	EA	16	*	*	*	*	*	*	*	*	21-4	5
PBFFF 00102		STUFFING TUBE 13218E5149-10 (97403)	EA	2									21-4	16
P F 00103		SWITCH, ROTARY: 200 AMP 13205E5024 (97403)	EA	1	*	*	*	*	*	*	2	2	21-4	31
X2 H 00104		TECHNICAL BOARD 13211E4775 (97403)	EA	1									21-4	21
F 00105	5310-042-4229	WASHER, LOCK: INTERNAL TOOTH, 1/2 IN. NOM SIZE MS35333-113 (96906)	EA	4	*	*	*	*	*	*	*	*	21-4	25
F 00106		WASHER, FLAT: BRASS, 1/2 IN. SCREW SIZE AN961-816T (88044)	EA	8	*	*	*	*	*	*	*	*	21-4	27
H 00107	5310-809-4058	WASHER, FLAT: 1/4 IN. SCREW SIZE MS27183-10 (96906)	EA	12				*	*	*	*	*	21-4	24
F 00108	5310-809-5998	WASHER, FLAT: 1/2 IN. BSC SIZE MS27183-18 (96906)	EA	8	*	*	*	*	*	*	*	*	21-4	9
H 00109	5310-913-9776	WASHER, LOCK: EXTERNAL TOOTH, 3/8 IN. SCREW SIZE MS35335-91 (96906)	EA	9				*	*	*	*	*	21-4	30
F 00110	5310-045-3296	WASHER, LOCK: NO. 10 SCREW SIZE MS35338-43 (96906)	EA	16	*	*	*	*	*	*	*	*	21-4	6
F 00111	5310-809-8546	WASHER, FLAT: NO. 10 SCREW SIZE MS27183-8 (96906)	EA	16	*	*	*	*	*	*	*	*	21-4	7
00112		4216 - MISCELLANEOUS WIRING AND FITTINGS												
0 00113	5305-071-2242	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 1/4 IN. LG MS90725-10 (96906)	EA	4	*	*	*	*	*	*	*	*	21-5	13
0 00114	5305-543-4718	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS35309-358 (96906)	EA	1	*	*	*	*	*	*	*	*	21-6	12
X2 0 00115		CLAMP, CABLE, DOUBLE 13212E3591-5 (97403)	EA	2									21-5	14
X2 0 00116	5340-930-1754	CLAMP, LOOP, DOUBLE MS21334-2 (96906)	EA	2									21-5	24
0 00117	5310-918-6921	NUT, PLAIN, HEXAGON HEAD: 3/8-16 THD SIZE MS16203-39 (96906)	EA	3	*	*	*	*	*	*	*	*	21-6	16
0 00118	5310-543-4717	NUT, PLAIN, WING: BRASS, 3/8-16 UNC MS35425-28 (96906)	EA	1	*	*	*	*	*	*	*	*	21-6	14
0 00119	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 UNC MS51922-1 (96906)	EA	4	*	*	*	*	*	*	*	*	21-5	13
0 00120	5310-934-9758	NUT, PLAIN, HEXAGON HEAD: NO. 10-24 UNC MS35649-202 (96906)	EA	2	*	*	*	*	*	*	*	*	21-5	20
0 00121	5310-918-6921	NUT, PLAIN, HEXAGON HEAD: 3/8-16 UNC MS16203-39 (96906)	EA	1	*	*	*	*	*	*	*	*	21-6	20
0 00122	5305-984-6211	SCREW, MACHINE, PAN HEAD: 10-24 X 5/8 IN. LG MS35206-264 (96906)	EA	2	*	*	*	*	*	*	*	*	21-5	20
X2 0 00123	5307-722-9437	STUD, GROUNDING 13214E1223 (97403)	EA	1									21-6	17

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
						30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
0 00124	5940-688-6010	TERMINAL, LUG: CRIMP STILE, NO. 6 AWG MS20659- 10 (96906)		EA	4	*	*	*	*	*	*	*	*	21-6	19
0 00125	5310-913-9776	WASHER, LOCK: 3/8 IN. NOM. SIZE  MS35335-91 (96906)		EA	2	*	*	*	*	*	*	*	*	21-6	18
X2 0 00126	5310-187-2413	WASHER, FLAT: ELECTRICAL, 3/8 IN. BSC SIZE AN961-616T (88044)		EA	4									21-6	15
0 00127	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)		EA	8	*	*	*	*	*	*	*	*	21-5	12
0 00128	5310-045-3296	WASHER, LOCK: NO. 10 NOM. SIZE  MS35338-43 (96906)		EA	2	*	*	*	*	*	*	*	*	21-5	21
0 00129	5310-809-8546	WASHER, FLAT: NO. 10 BSC SIZE MS27183-8 (96906)		EA	4	*	*	*	*	*	*	*	*	21-5	22
0 00130	5310-913-9776	WASHER, LOCK: 3/8 IN. NOM. SIZE  MS35335-91 (96906)		EA	1	*	*	*	*	*	*	*	*	21-6	13
X2 0 00131	6145-299-6188	WIRE, ELECTRICAL: NO. 6 AWG (AS REQUIRED) QQW343TYPERB (81348)		FT										21-5	19



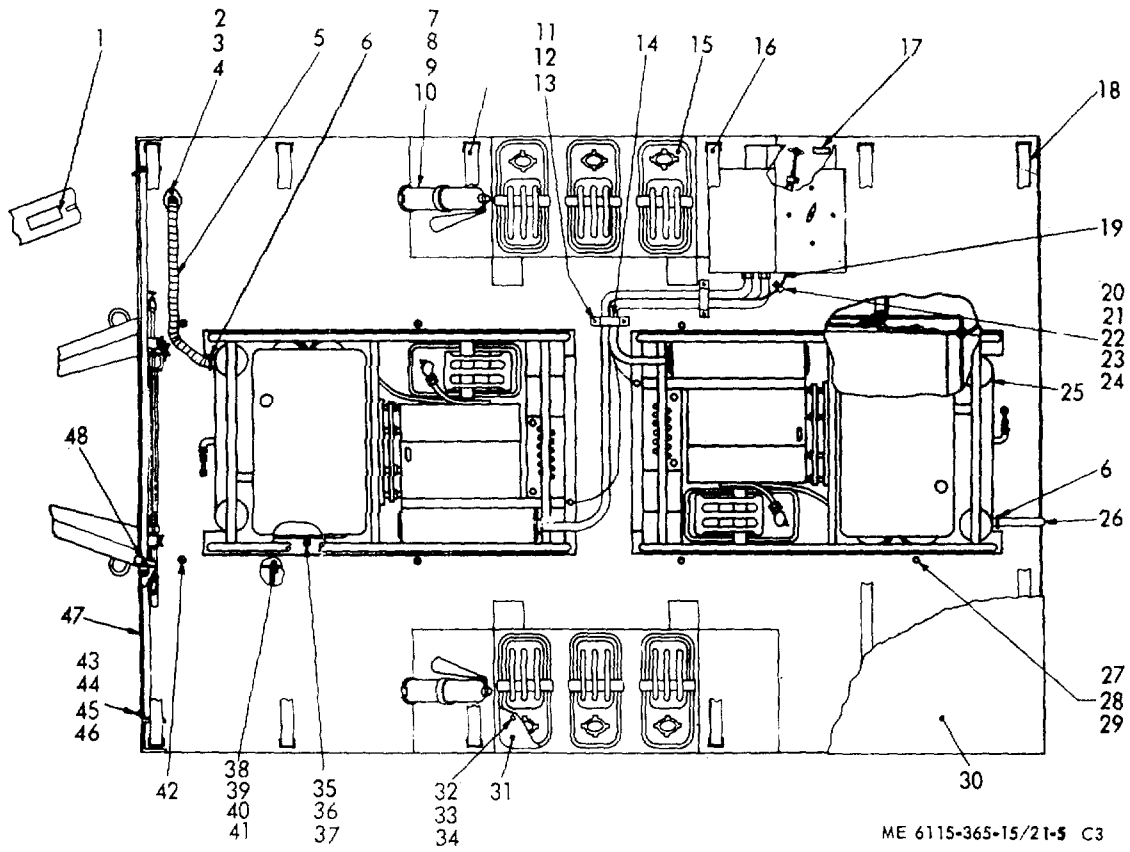
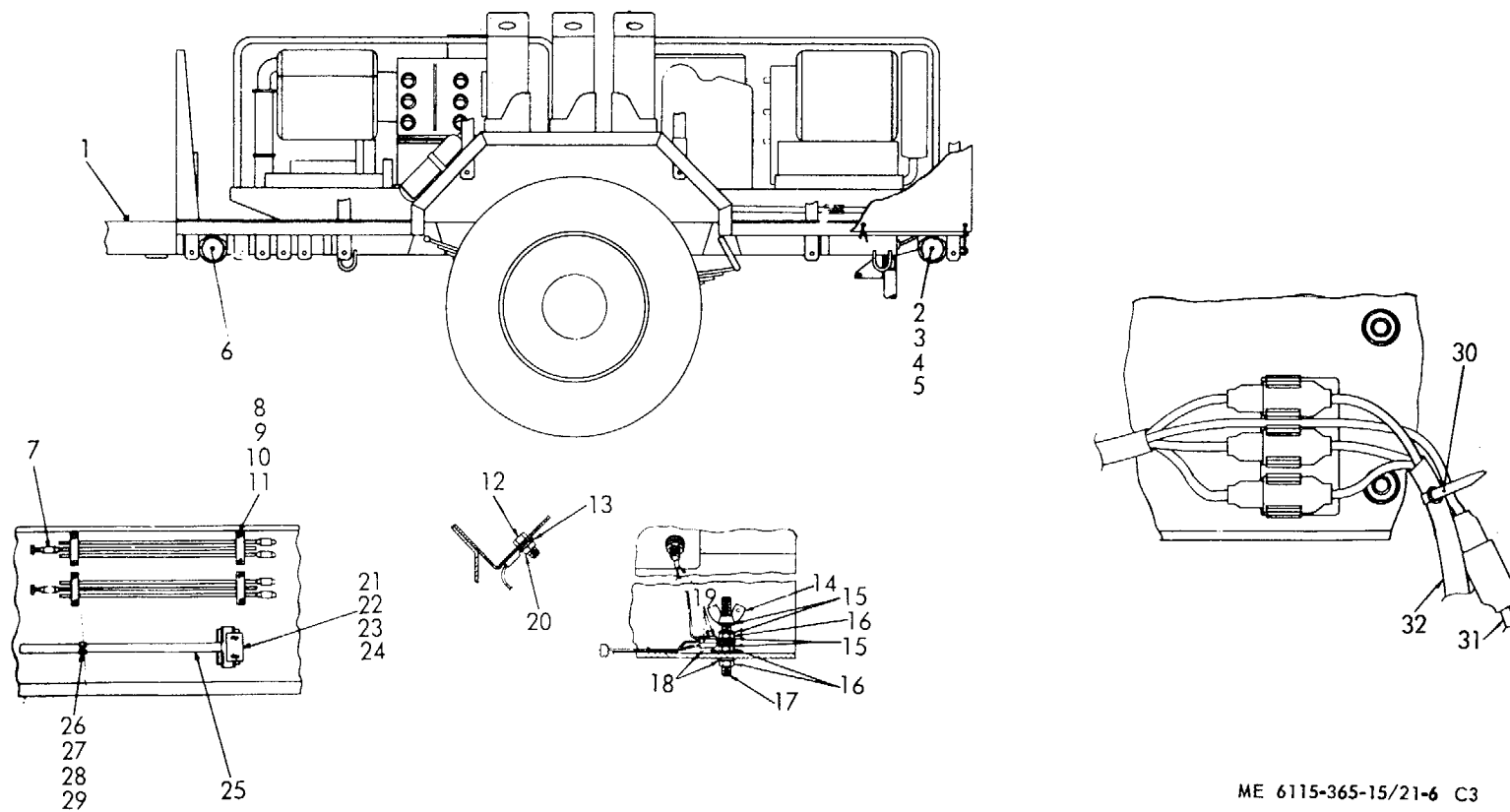


Figure 21-5. PU-656/G power unit.



ME 6115-365-15/21-6 C3

Figure 21-6. PU-656/G accessories.

## CHAPTER 22

## GENERATOR SET PU-625/G, NSN 6115-00-837-3915

## Section I. DESCRIPTION AND DATA

## 22-1. Description

*a. General.* The trailer mounted generator set, PU-625/G, consists of two 3 kW, 60 hz, MEP-016C Military Design generator sets mounted on a modified 3/4 ton, 2-wheel cargo trailer, model M-101-A1. (Figures 22-1 and 22-2.) Brackets, racks, holders, and cable reels are provided for transporting and installing communications equipment. Table 22-1 lists components of the PU-625/G generator set.

*b. Generators.* Each MEP-016C 3 kW generator set is powered by a directly coupled 4-cylinder, 6 hp, military standard model 4A0323 gasoline engine. For description, operation, and maintenance of the generators, refer to TM 5-6115-271-14. A power transfer switch is provided for connecting the generators to a common load.

*c. Engines.* For description, operation, and maintenance information not covered in TM 5-6115-271-14, refer to TM 5-2805-203-14.

*d. Trailer.* For description and maintenance of the trailer chassis, refer to TM 9-2330-202-14.

## 22-2. Tabulated Data

Table 22-1 lists components for PU-625/G generator set.

Table 22-1. PU-625/G Components

NSN	Qty	Nomenclature
6110-00-400-7592	1	Distribution box
4210-00-270-4512	1	Fire extinguisher, 5 lb.
6115-01-143-3311	2	Generator, 3 kW, 60 hz, MEP-016C
5975-00-878-3791	2	Ground rod, 9 ft.
5120-00-251-4489	1	Sledge hammer
2540-00-513-9794	1	Tarpaulin
2330-00-898-6779	1	Trailer M-101-A1, 3/4 ton

## 22-2.1. General

*a. Maintenance Forms and Records.* Every mission begins and ends with the paperwork. There isn't much of it, but you have to keep it up. The forms and records you fill out have several uses; they are a permanent record of the services, repairs, and modifications made on your equipment; they are reports to Organizational Maintenance and to your Commander; and they are a checklist for you when you want to know what is wrong with the equipment after its last use, and whether those faults have been fixed. For information you need on forms and records, see: DA Pamphlet 738-750.

*b. Preventive Maintenance Checks and Services.* (See Table 22-2)

(1) Do your before (B) PREVENTIVE MAINTENANCE just before you operate your equipment. Pay attention to the CAUTIONS and WARNINGS.

(2) Do your during (D) PREVENTIVE MAINTENANCE while the equipment and/or its component systems are in operation.

(3) Do your after (A) PREVENTIVE MAINTENANCE right after operating the equipment. Pay attention to the CAUTIONS and WARNINGS.

(4) Do your weekly (W) PREVENTIVE MAINTENANCE weekly.

(5) Do your monthly (M) PREVENTIVE MAINTENANCE once a month.

(6) If something doesn't work, troubleshoot it with the instructions in the appropriate TM and notify your supervisor.

(7) Always do your PREVENTIVE MAINTENANCE in the same order until it gets to be a habit. Once you've had some practice, you'll spot anything wrong in a hurry.

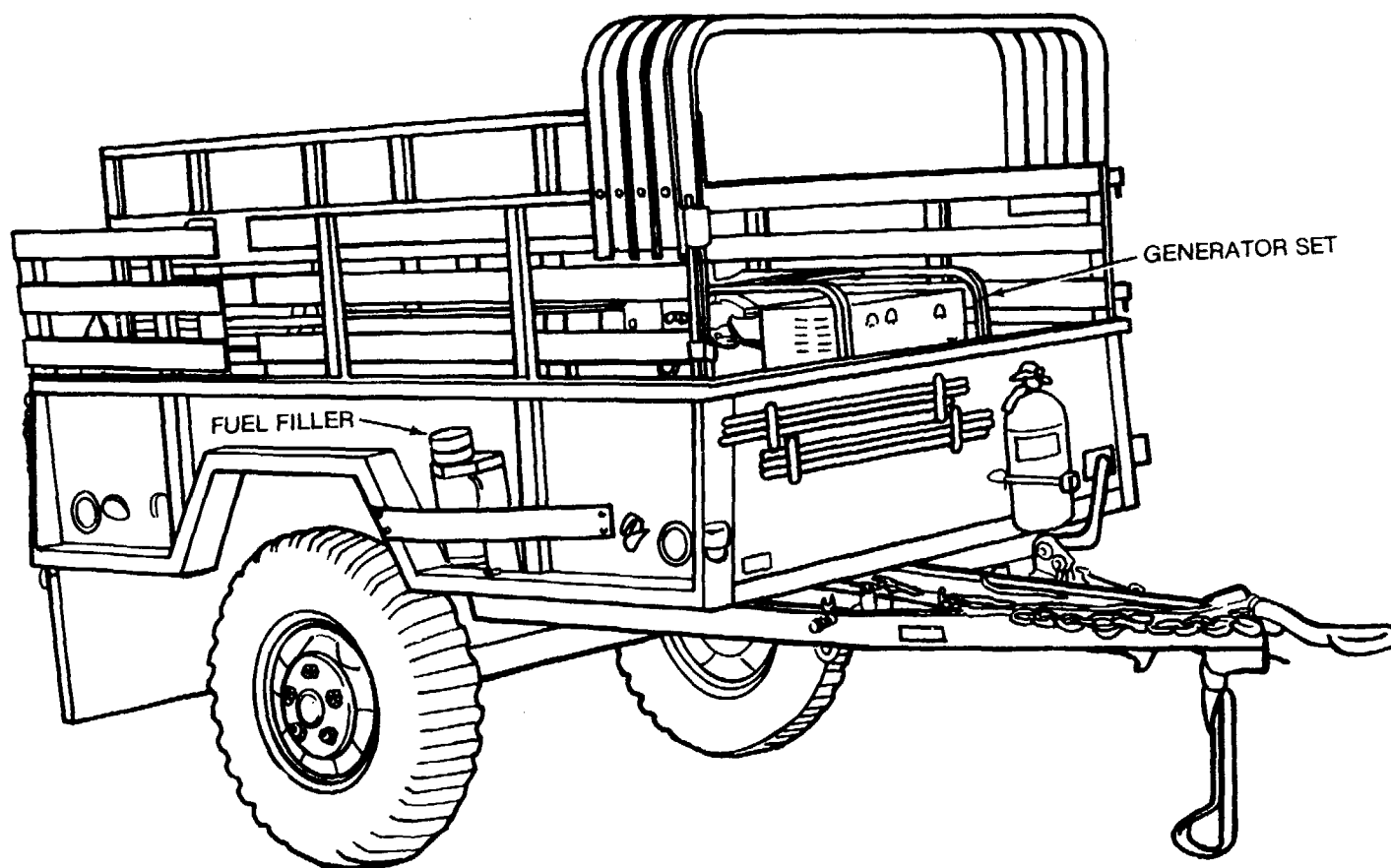


Figure 22-1. Generator set, PU-625/G.

(8) If anything looks wrong and you can't fix it, write it on your DA Form 2404. If you find something seriously wrong, report it to Organizational Maintenance RIGHT NOW.

(9) When you do your PREVENTIVE MAINTENANCE, take along the tools you need to make all the checks. You always need a rag or two, also.

## 22-2.2. General Maintenance Procedures

*a. Cleanliness.* Dirt, grease, oil, and debris only get in the way and may cover up a serious problem. Clean as you work and as needed. Use dry cleaning solvent Type II, Fed. Spec PD-680, on all metal surfaces.

### WARNING

Dry cleaning solvent, Type II, Fed. Spec PD-680, is potentially dangerous to personnel and property. Do not use near open flame or excessive heat. Flash point of solvent is 139°F (59.4°C).

*b. Bolts, Nuts, and Screws.* Check them all for obvious looseness, missing, bent, or broken condition. You can't try them all with a tool, of course, but look for chipped paint, bare metal, or rust around bolt heads. If you find one you think is loose, tighten it, or report it to Organizational Maintenance.

*c. Welds.* Look for loose or chipped paint, rust, or gaps where parts are welded together. If you find a bad weld, report it to Organizational Maintenance.

*d. Electric Wires and Connectors.* Look for cracked or broken insulation, bare wires, and loose or broken connectors. Check for loose connectors and make sure the wires are in good shape. Report loose connectors and bad wires to organizational maintenance.

*e. Hydraulic Lines and Fittings.* Look for wear, damage, leaks, and make sure clamps and fittings are tight. Wet spots show leaks, of course, but a stain around a fitting or connector can mean a leak. If a leak comes from a loose fitting or connector, report it to Organizational Maintenance. If something is broken or worn out, report it to Organizational Maintenance.

## 22-2.3. Fluid Leakage

It is necessary for you to know how fluid leakage affects the status of the fuel, lubricating, coolant, and hydraulic systems. The following are definitions of the types/classes of leakage you need to know to be able to determine the status of your equipment. Learn, then be familiar with them and REMEMBER WHEN IN DOUBT, NOTIFY YOUR SUPERVISOR!

### CAUTION

Equipment operation is allowable with minor leakages (Class I or II) except fuel. Of course, consideration must be given to the fluid capacity in the item/system being checked/inspected. When in doubt, notify your supervisor.

When operating with Class I or II leaks, check fluid levels more often than required in your PMCS.

Class III leaks should be reported to your supervisor or to Organizational Maintenance.

*a. Class I.* Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.

*b. Class II.* Leakage of fluid great enough to form drops but not enough to cause drops to drip from item being checked/inspected.

*c. Class III.* Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

Table 22-2. Operator/Crew Preventive Maintenance Checks and Services

**NOTE: These checks are to be made in the order listed, within designated interval.**

B - Before operation  
D - During operation

A - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
1	•	•	•			<u>ENGINE</u> . Inspect engine for evidence of leakage (oil or fuel) on, around, or under engine.	Class III oil leak or any fuel leak.
2	•					<u>HARDWARE</u> . Check for loose, damaged, or missing hardware and parts.	
3	•					<u>AIR FILTER</u> . Check for a serviceable and clean air filter.	Restricted or dirty filter.
4	•					<u>FIRE EXTINGUISHER</u> . Check for damaged or broken seal. Check valve and indicator.	Contents indicator is not in green area, or valve is damaged, seal is broken.
5	•					<u>GROUNDING</u> . Check to insure generator is properly grounded. Check grounding connections. Check ground cable and clamps.	Generator set not properly grounded.
6	•					<u>FUEL FILTER</u> . Inspect the fuel bowl, filter element, filter head, and bowl gasket.	Components are defective.
7	•					<u>OIL LEVEL</u> . Check oil level. Add oil as required.	Below add or above full mark.
8	•					<u>GAGES AND INSTRUMENTS</u> . Check for proper generator operation.	
	•					a. <u>VOLTMETER</u> . Models MEP-0 1 6A and MEP-02 1A adjust for desired voltage. Rotate voltage selector switch to monitor the various output voltage combinations. Model MEP-026A Adjust for proper DC volts (must not exceed 28 V max).	Desired voltage cannot be obtained and maintained.
	•					b. <u>FREQUENCY METER</u> . Normal indication MEP-016A 59-61 MEP-021A 392-408.	Indicates frequency too high or too low.

Table 22-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**

B - Before operation  
D - During operation

A - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
8 cont.		•				c. LOAD METER. Indicates percentage of applied load. Rotate current selector switch to monitor the load applied to each phase. Not to exceed 100%.	No indication when load is applied.
		•				d. TACHOMETER. Normal indication Models MEP-016A and MEP-021A.  MEP-016A 3564-3636 RPM MEP-021A 3394-3463 RPM	RPM is not in the normal operating range.
9		•				<u>TIRES</u>  Check tires (1) for cuts, foreign objects, or unusual tread wear. Remove any stones from between the treads. Check that tire pressure is 35 psi (241.22 kPa) when tires are cool.	One tire (1) is flat, missing, or unserviceable.

Table 22-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**

B - Before operation  
D - During operation

A - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
10						<p><u>WHEELS</u></p> <p><b>NOTE</b></p> <p>On Models M101, M101A1, M116, and M116A1, the left wheel and stud nuts are turned counterclockwise to tighten and clockwise to loosen. Right wheel and stud nuts are turned clockwise to tighten and counterclockwise to loosen. On Models M101A2 and M116A2 the left and right stud nuts are turned clockwise to tighten and counterclockwise to loosen.</p> <ul style="list-style-type: none"> <li>• Check wheels (2) for damage and wheel stud nuts (3) for tightness and presence.</li> </ul>	One wheel (2) is damaged. One wheel stud nut (3) loose or missing.
11						<p>DRAWBAR RING, INTERVEHICULAR CABLE, SAFETY CHAINS, AND FRAME</p> <ul style="list-style-type: none"> <li>• a. Check drawbar ring (4) for secure mounting and obvious damage.</li> <li>• b. Check intervehicular cable (5) for cuts and breaks.</li> </ul>	<p>Ring is loose or bent.</p> <p>Intervehicular cable is broken or missing.</p>



Table 22-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**B - Before operation  
D - During operationA - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
11 cont.	•					c. Check safety chains (6) for secure mounting and obvious damage.	Safety chains are missing or unsecured.
	•					d. Inspect the entire chassis frame (7) when trailer is loaded for damage, cracks, broken welds.	Frame is obviously broken or cracked.
12						<u>SUPPORT LEG ASSEMBLY</u>  With trailer connected to towing vehicle, check support leg assembly (8) for ease of operation.	Support leg assembly is seized.
13						<u>BRAKE SYSTEM - Models M101A2 and M116A2 only.</u>  Test brake system by hooking trailer to towing vehicle.	Service brakes fail to operate.
14						<u>HANDBRAKES - All models</u>  With trailer hooked to towing vehicle, set the handbrakes (9). Move the trailer slightly to see if the handbrakes hold the wheels.	Handbrakes cannot be adjusted.

Table 22-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**

B - Before operation  
D - During operation

A - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not ready/available if:
	B	D	A	W	M		
15						<p><u>LIGHTS AND REFLECTORS</u></p> <p><b>NOTE</b></p> <p><b>An assistant is required while checking the brake lights.</b></p> <ul style="list-style-type: none"> <li>• a. Connect the intervehicular cable (10) to the towing vehicle.</li> <li>• b. Operate the vehicle light switch through all settings and check the lights ( 11). Check for damage and presence of reflectors (12).</li> </ul>	Lights or reflectors are damaged, missing, or fail to operate properly.

Table 22-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**B - Before operation  
D - During operationA - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
16	•					<u>CANVAS COVER ASSEMBLY</u>  a. Check for missing and bad tiedown straps and snap fasteners (13).  b. Check for missing and bad ropes (14).  c. Check for missing and bad straps and buckles (15).  d. Check for ripped seams and tears.	
17	•					<u>TAILGATE</u>  a. Check for bad slats (16).  b. Check for missing or bad strap hinge assemblies (17).  c. Check for missing or bad strap latch assemblies (18).	

Table 22-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**B - Before operation  
D - During operationA - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
18	•					<u>FRONT RACK ASSEMBLY</u>  a. Check for bad slats (19).  b. Check for missing or bad strap hinge assemblies (20).	
19	•					<u>BOW ASSEMBLIES</u>  Inspect for bad bow assemblies (21).	

Table 22-2. Operator/Crew Preventive Maintenance Checks and Services (cont.)

**NOTE: These checks are to be made in the order listed, within designated interval.**B - Before operation  
D - During operationA - After operation  
W - Weekly

M - Monthly

Item No.	Interval					Item to be Inspected Procedure: Check for and have repaired, filled, or adjusted as needed	Equipment is not Ready/available if:
	B	D	A	W	M		
20	•					<u>SIDE RACK ASSEMBLIES</u>  a. Check for missing or bad storage clips (22).  b. Check for bad stakes (23).  c. Check for bad slats (24).  d. Check for missing or bad strap hinge assemblies (25).	
21		•				<u>TRAILER OPERATION</u>  a. Be alert for any unusual noises while towing the trailer. Stop and investigate any unusual noises.  b. Ensure that the trailer is tracking/following correctly behind towing vehicle with no side pull.	Trailer is not tracking/following correctly.

## Section II. OPERATING INSTRUCTIONS

### 22-3. Setting-Up Instructions

#### a. *Leveling.*

(1) Locate the trailer on as level a surface as possible for the generators to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate hand brake at weekly intervals to insure freedom of movement.

(3) Lower leg prop and adjust length for firm contact with ground.

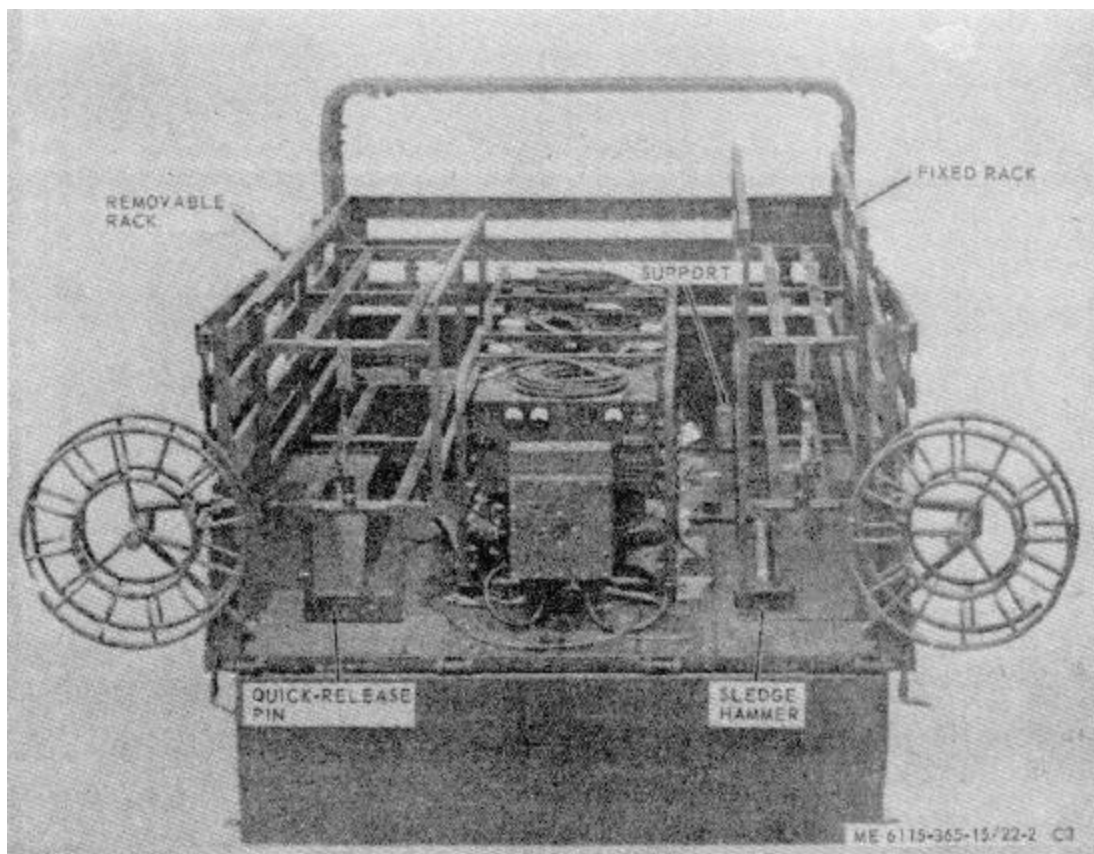


Figure 22-2. Accessories, racks, and reels.

### WARNING

**Wheels must be blocked, brakes set, and leg prop down in support position before attempting to roll up the tarpaulin, and before starting to assemble or set-up equipment for operation.**

#### b. Preparation Before Starting.

- (1) Remove tarpaulin and roof bows.
- (2) Unload equipment from racks.
- (3) Unscrew thumbscrews that secure roadside rack to trailer body and remove rack.
- (4) Remove generator set covers.
- (5) Remove engine oil pan plug and install drain line with shut-off cock. Turn the shut-off cock so that oil will not drain out. Refer to LO 2808-203-14 and put the proper amount of engine oil in the engine.

(6) Install the engine spark plugs. Torque to 23 - 25 ft. lbs.

(7) Install the generator set ground cables to the sets and to the ground stud under the distribution box.

(8) Assemble the 3 piece ground rod and install it or ground the trailer as directed in c below.

(9) Attach the fuel hose to the two-way valve and to the fuel line connector on the trailer floor (fig. 22-3). If fuel is to be supplied from a 55-gallon drum, attach the 25-foot hose to the drum and to the 2-way valve. The generator set gasoline tank under the set should be used for emergency operation only. Fill the trailer fuel tank. A gage is provided on the top of the tank to indicate the fuel level in the tank.

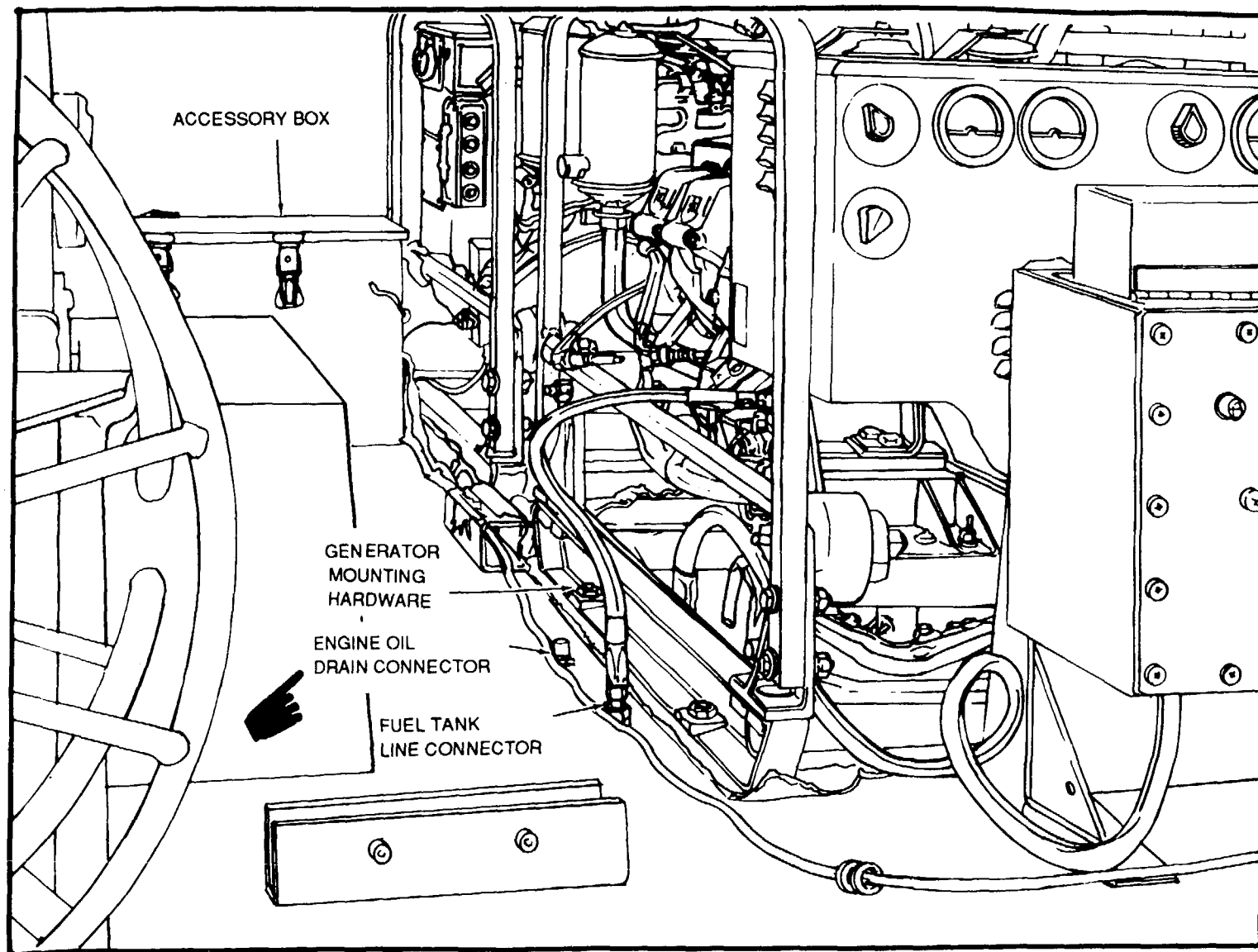


Figure 22-3. Fuel line connections



(10) Connect the load cables from the distribution box to the generator sets as shown in figure 22-4. Attach the cables to the floor of the trailer with the clamps provided. Connect the out-going load cables to the distribution box load terminals.

c. *Grounding.*

### WARNING

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment could cause death by electrocution.**

(1) The ground may be any of three methods, depending on the location and the terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 square ft) buried to a depth of four feet.

(2) The ground lead must be no. 6 AWG copper wire bolted or clamped to the rod, plate, or piping system.

(3) Connect the other end of the ground lead to the ground stud on the distribution box support.

## 22-4. Starting

### WARNING

**Never operate the generator set in an enclosed area unless exhaust gases are piped outside. Inhalation of exhaust fumes may result in serious illness or death.**

a. Perform the pre-starting operations in TM 5-6115-271-14.

b. Position the transfer switch to the desired generator.

c. Start the generator as described in TM 5-6115-271-14.

## 22-5. Stopping

Stop the generator set as described in TM 5-6115-271-14.

## 22-6. Operation

Operate the generator set as instructed in TM 5-6115-271-14. Use fuel from the trailer-mounted fuel tank. When refueling tank, operate the engine with fuel from the generator set fuel tank until sediment has had a chance to settle in the trailer fuel tank. Use the fuel transfer valve to perform fuel transfer operations. The load transfer switch on the distribution box is used to transfer the electrical load from one generator to the other (Fig. 22-5).

## Section III. OPERATOR'S MAINTENANCE INSTRUCTIONS

Operator's maintenance of the power unit is concerned with keeping the generator sets lubricated; the fuel tank filled; and cleaning and servicing the fuel filters

and air cleaners as described in TM 5-6115-271-14. Removal of dust and dirt from the equipment is also a routine maintenance function of the operator.

## Section IV. ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

### 22-7. Fuel System Components

a. *General.* The fuel system consists of a fuel tank located beneath the trailer; the generator set fuel tanks located beneath the generators, on the skids; and the hoses and fittings to provide fuel to the engines. A fuel strainer in the filler neck is removable for cleaning. The fuel level gage is located on the top of the tank near the filler neck.

b. *Fuel Tank Replacement.*

(1) Drain the fuel tank.

(2) Loosen the hose clamps (45, Fig. 22-6) on the hose (44) to the filler neck at the tank.

(3) Remove the nuts and washers that secure the tank hanger to the bracket and lower the tank far enough to disconnect fuel lines, vent hose, and ground wires on the top of the tank. Remove the tank.

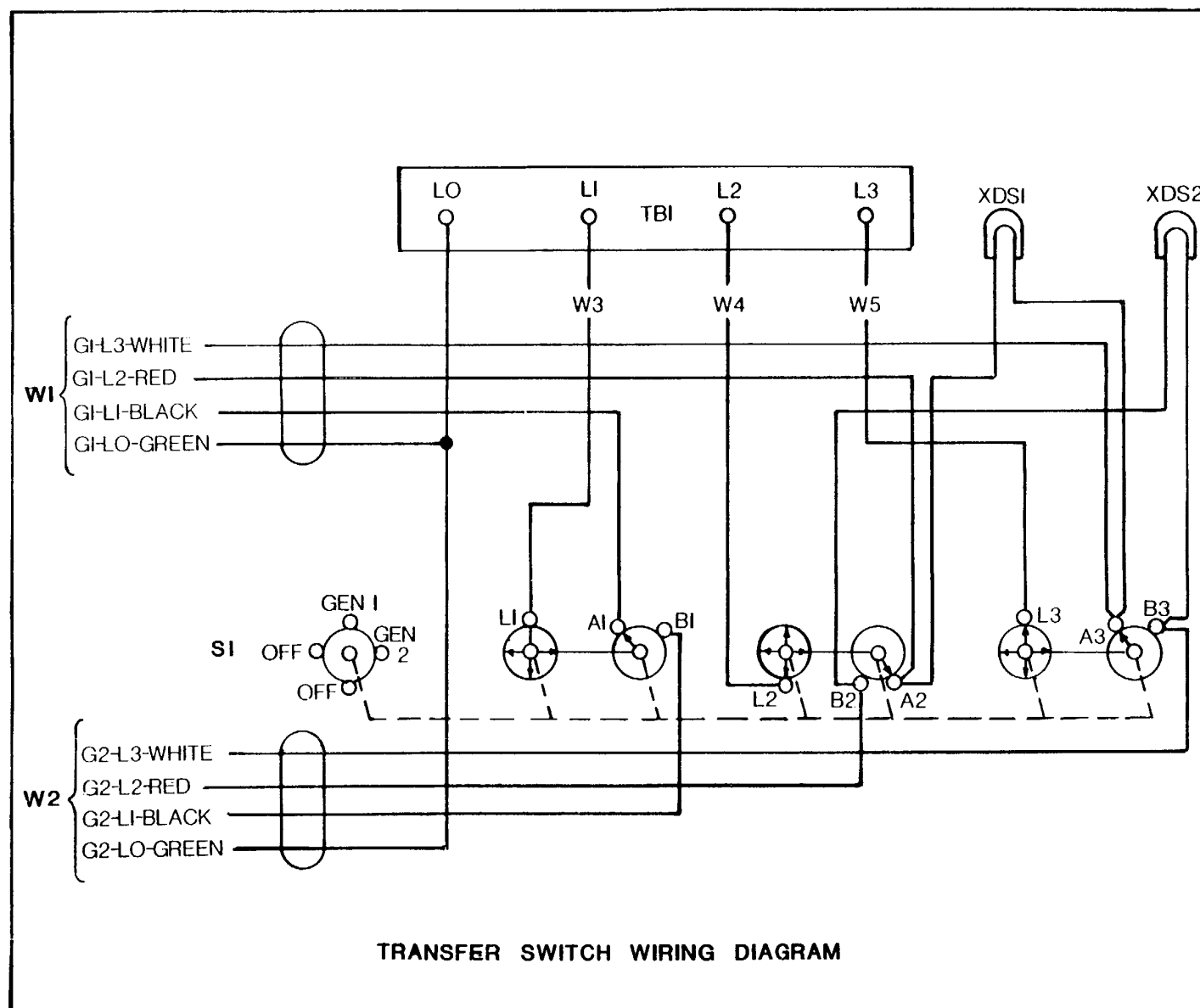


Figure 22-4. Wiring diagram.

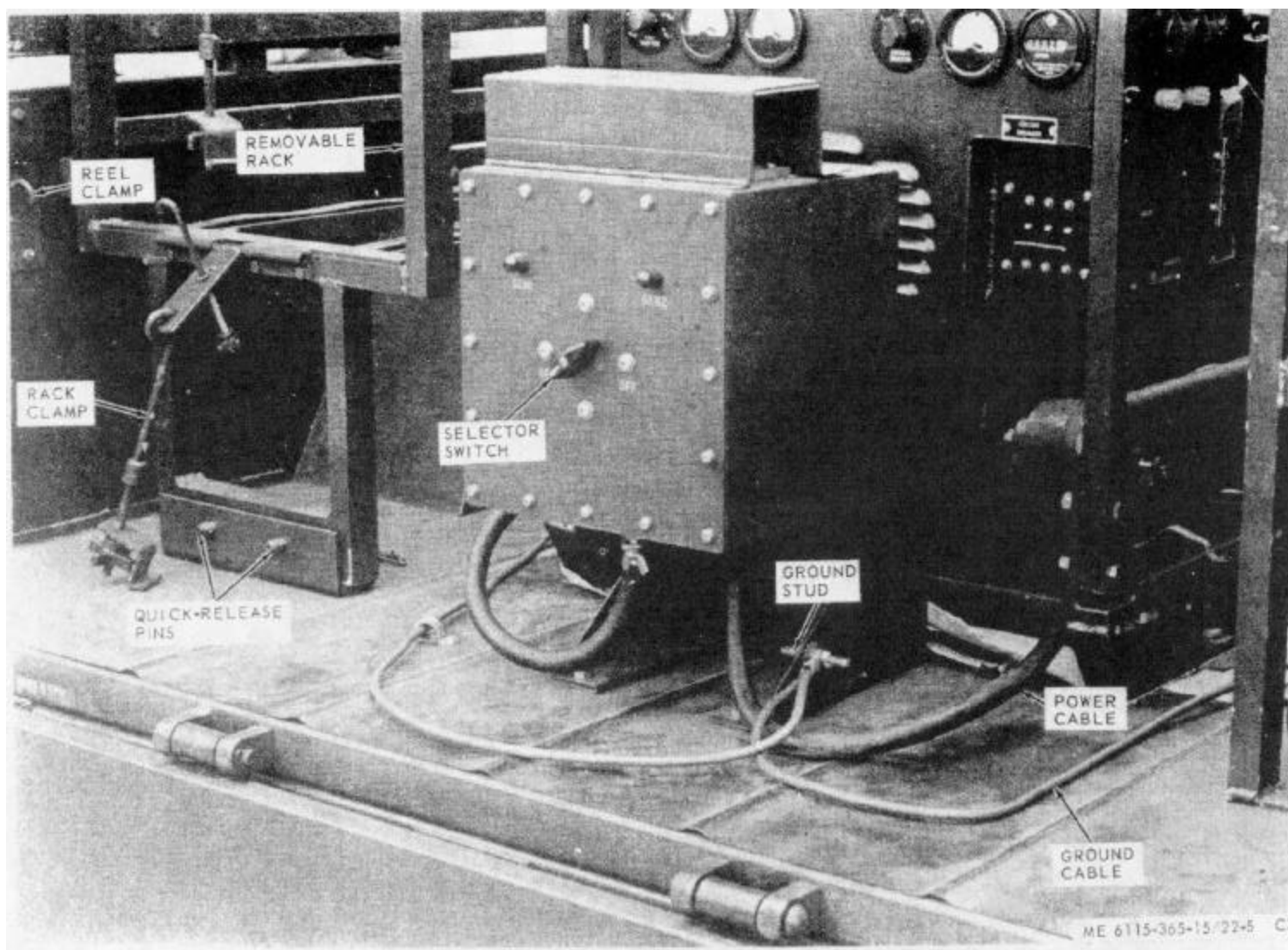


Figure 22-5. Distribution box and cables.

*c. Fuel Gage Replacement.*

- (1) Remove tank *b* above.
- (2) Remove screws and washers that secure gage (22, Fig. 22-7) to gage mount (18) and remove gage.
- (3) Using serviceable gasket, install gage on gage mount and secure with screws and washers.
- (4) Reinstall tank by reversing removal procedure *b* above.

*d. Cleaning and Inspection.*

- (1) Remove tank *b* above, and remove fuel gage.
- (2) Clean all parts with solvent and flush out dirt and foreign particles from inside the tank.
- (3) Inspect tank for dents, rust, cracks, and other damage. Inspect straps for defects and damaged or missing hardware. Inspect fuel gage for damage and proper operation.
- (4) Replace defective or missing parts as necessary.
- (5) Reinstall tank by reversing removal procedure *b* above.

## 22-8. Tarpaulin and Roof Bows

*a. Removal.*

- (1) Remove tarpaulin from unit.
- (2) Pull out chain-secured pins that secure roof bows to trailer and remove bows.

*b. Cleaning and Inspection.*

- (1) Clean tarpaulin with water and detergent. Clean roof bows with solvent dampened cloth. Dry thoroughly.
- (2) Inspect tarpaulin for tears, holes, missing or broken ropes and straps, and other defects. Inspect bows for bends, dents, and warped condition.

*c. Installation.* Installation is reverse of procedure *a* above. Be sure tarpaulin is treated for waterproofing and mildew resistance before reinstalling.

## 22-9. Trailer Leg Prop

*a. Removal.* Remove nuts (4, Fig. 22-6), washers (3), and capscrews (2) that secure leg prop (1) to trailer chassis.

*b. Cleaning and Inspection.* Clean leg prop with cloth dampened in solvent and dry thoroughly. Inspect leg prop and base for bends, ease of adjustment, and secure attachment of base plate.

*c. Installation.* Installation is reverse of removal procedure *a* above. If trailer is to be moved, attach leg to holder beneath trailer and pin in place.

## 22-10. Holders, Supports, and Brackets

Replacement of the holders, supports, and brackets is accomplished by removing attaching hardware and installing serviceable components.

## 22-11. Reels and Reel Supports

(fig. 22-11)

*a. Removal.*

- (1) Remove cotter pin (75), nut (74), and washer (73) and remove reel (5).
- (2) Drive out roll pin (72) and remove collar (71) and spindle (70) from reel mount shaft.
- (3) Remove capscrew (66) and washers (67 and 68) and remove shaft from reel mount.
- (4) Remove cotter pins and remove reel mount from reel support.
- (5) Remove nuts, washers, and capscrews that secure reel support to trailer body and remove support.

*b. Installation.* Installation is reverse of removal. Put a small amount of GAA on the shaft before reinstalling the spindle (70).

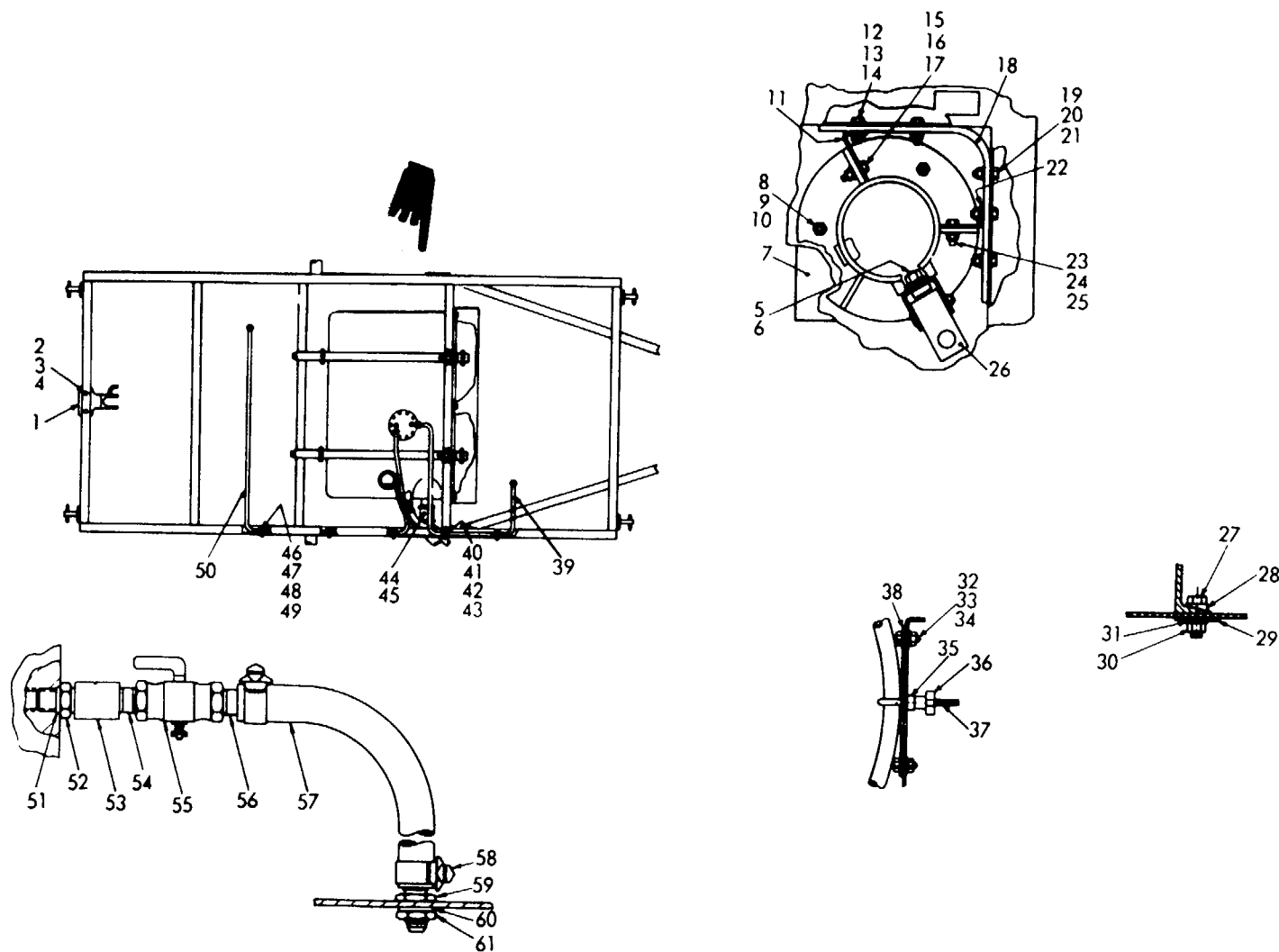
# Section V. DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

## 22-12. Generator Set

*a. Removal.*

- (1) Disconnect fuel lines at fuel transfer valve.

- (2) Disconnect electrical load cables from panel.



ME 6115-365-15/22-6 C3

Figure 22-6. Fuel supply fittings and oil drain.

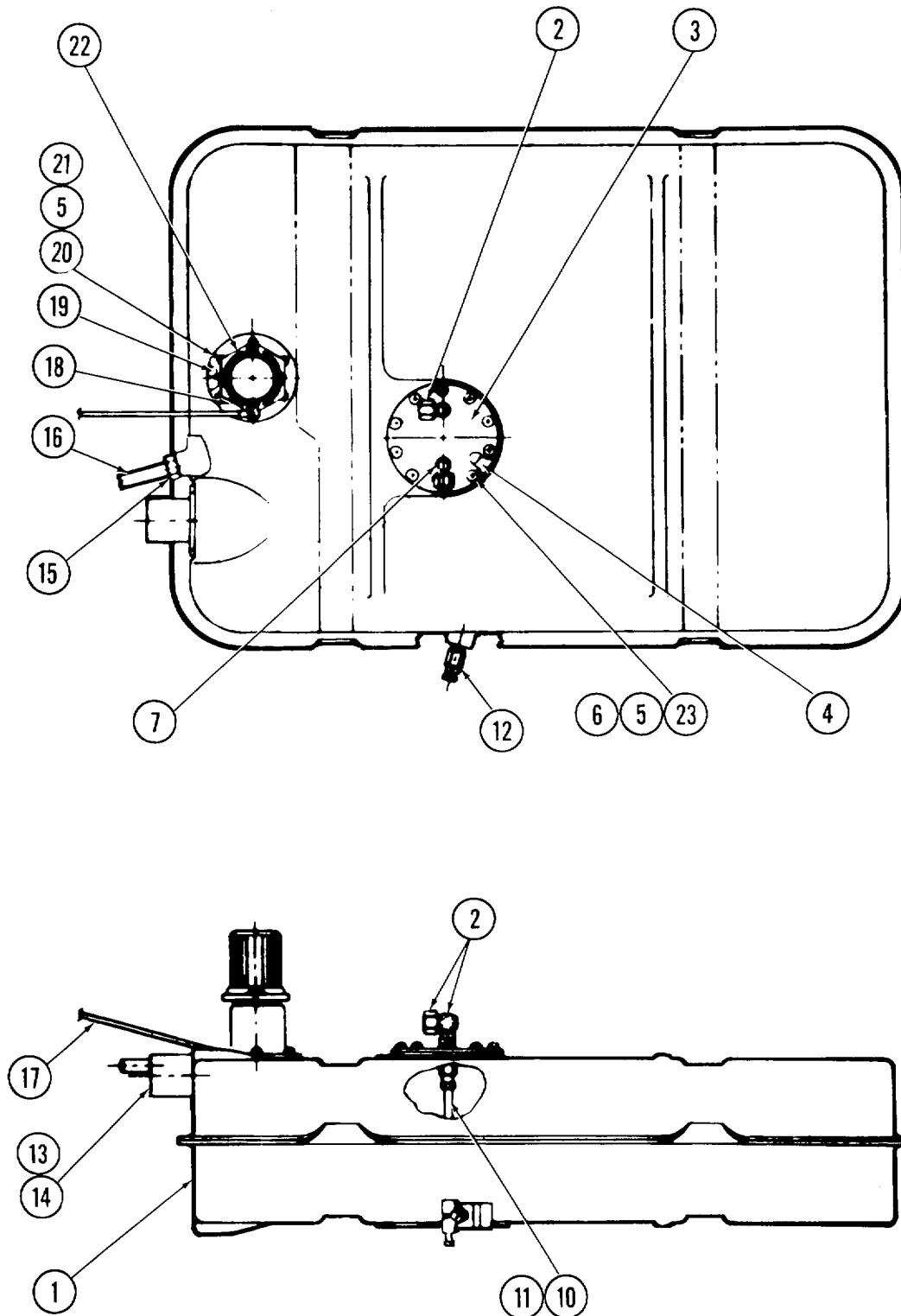


Figure 22-7. Fuel Tank Assembly.

(3) Remove nuts (30, Fig. 22-6), washers (29 and 31), capscrews (27), and beveled washers (28) that secure generator set to trailer.

(4) Remove generator set from trailer.

*b. Installation.* Installation is reverse of removal procedure *a* above. Make sure that the beveled washers (28) are properly positioned so that generator set is securely mounted to the trailer body.

### 22-13. Distribution Box

#### *a. Removal.*

(1) Disconnect the load lines at the generator sets and the ground wires at the ground stud (16, Fig. 22-8) on the distribution box bracket (10). Loosen cable clamps so that cables will be removed with distribution box.

(2) Remove nuts (13), washers (12),

stiffeners (22), and capscrews (11) that secure bracket to trailer bed and remove distribution box with cables.

#### *b. Disassembly.*

(1) Remove screws (47) and washers (48 and 49) and remove cover and gasket (45) from box.

(2) Disconnect and tag interval wiring at switch and indicator lights.

(3) Remove knob from switch.

(4) Remove nuts (29), washers (28), and screws (27) with "O" rings (30) and remove switch (43) and "O" ring (46) from box.

(5) To remove bracket from box, remove nuts (9) and washers (8) and separate bracket from box.

(6) To remove terminal board (22), remove nuts (36), washers (34 and 35), and machine screws (33), and separate

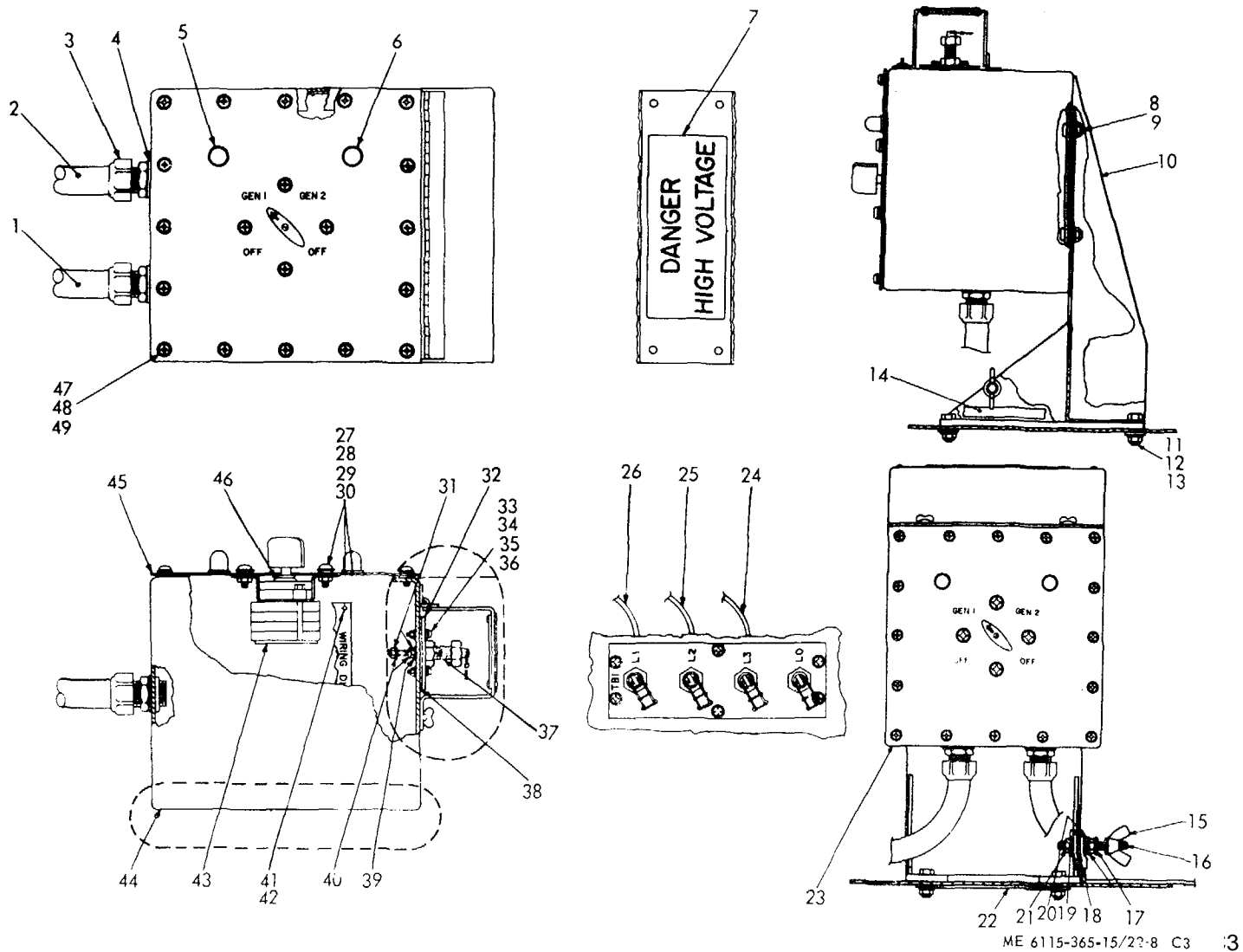


Figure 22-8. Distribution box.



terminal board and gasket (38) from box.

(7) To remove cables, loosen stuffing tube nuts and cable nuts and pull cables from box. Be careful not to damage the "O" rings (4).

c. *Reassembly.* Reassembly is reverse of disassembly procedures *b* above. Be sure that "O" rings and gaskets are serviceable before reinstalling.

d. *Installation.* Installation is reverse of removal a above. Refer to figure 22-4 to assure that electrical load cables are properly connected.

#### **22-14. Removable Rack Assembly**

(Fig. 22-9)

a. *Removal.* Pull the quick-release pins, unscrew the screw-knobs, and remove the rack from the trailer.

b. *Repair.* Repair of the rack assembly consists of replacing the clamps (1), the

runners (24), the nylon runners (22), and the straightening and welding of the braces and longitudinals.

c. *Installation.* Installation is reverse of removal procedure a above.

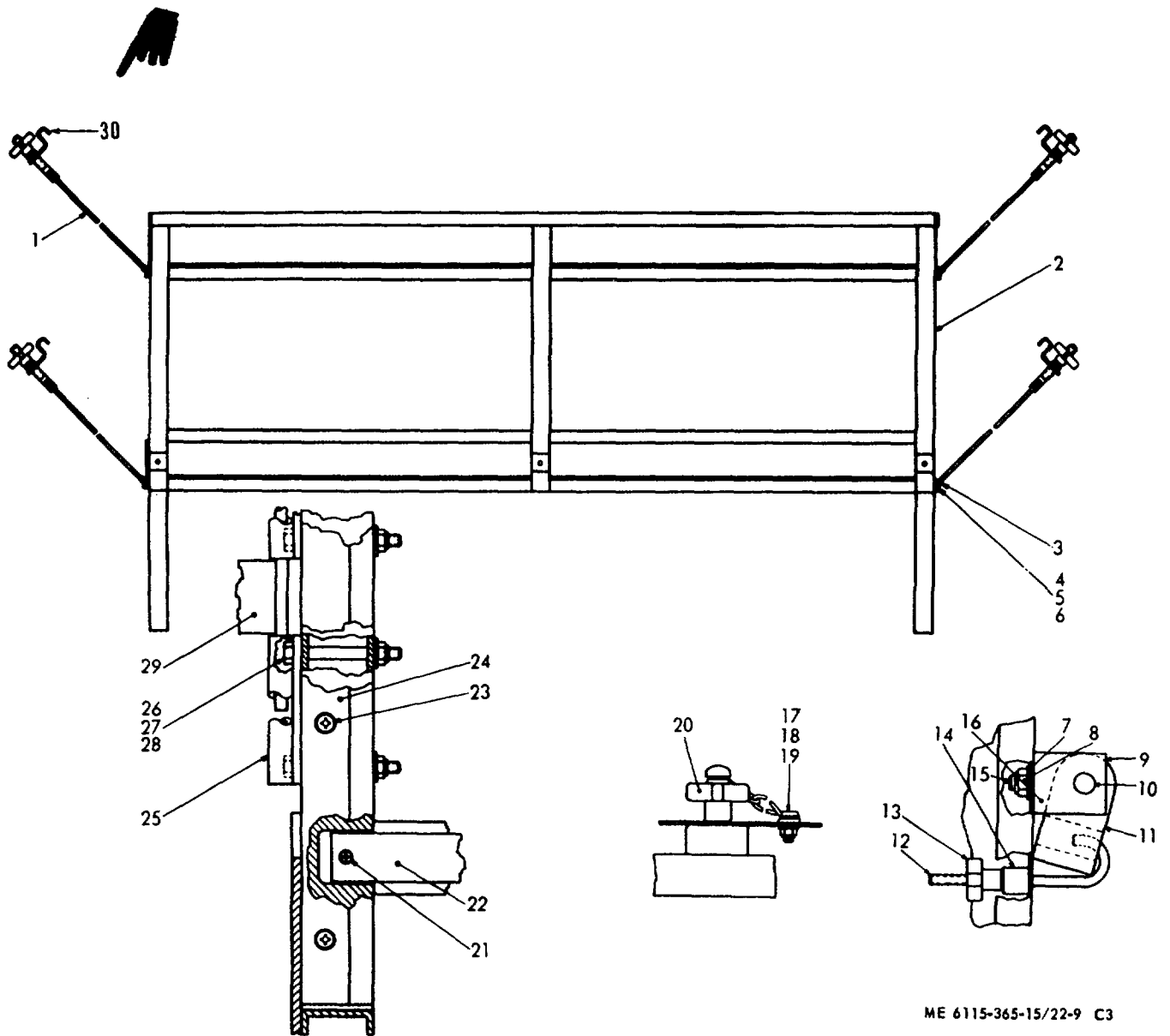
#### **22-15. Curbside Rack Assembly**

(fig. 22-10)

a. *Removal.* Remove the nuts, washers, stiffeners, and capscrews that secure the rack to the floor of the trailer. Remove the capscrews and washers that secure the rack to the side of the trailer. Remove the rack.

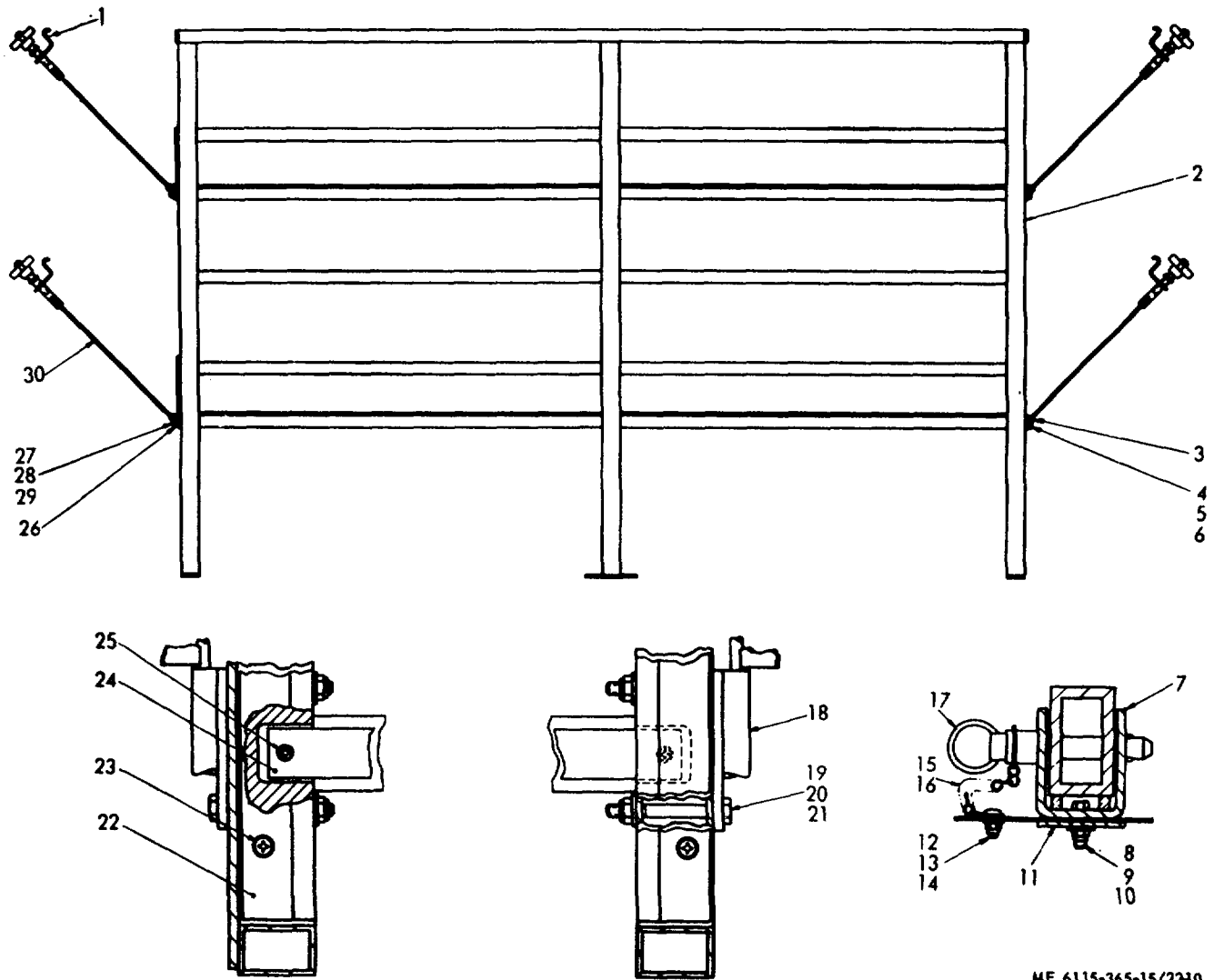
b. *Repair.* Repair of the rack assembly consists of replacing the clamps (1), the runners (22), the nylon runners (24), and the straightening and welding of the braces and longitudinals.

c. *Installation.* Installation is reverse of removal procedure a above.



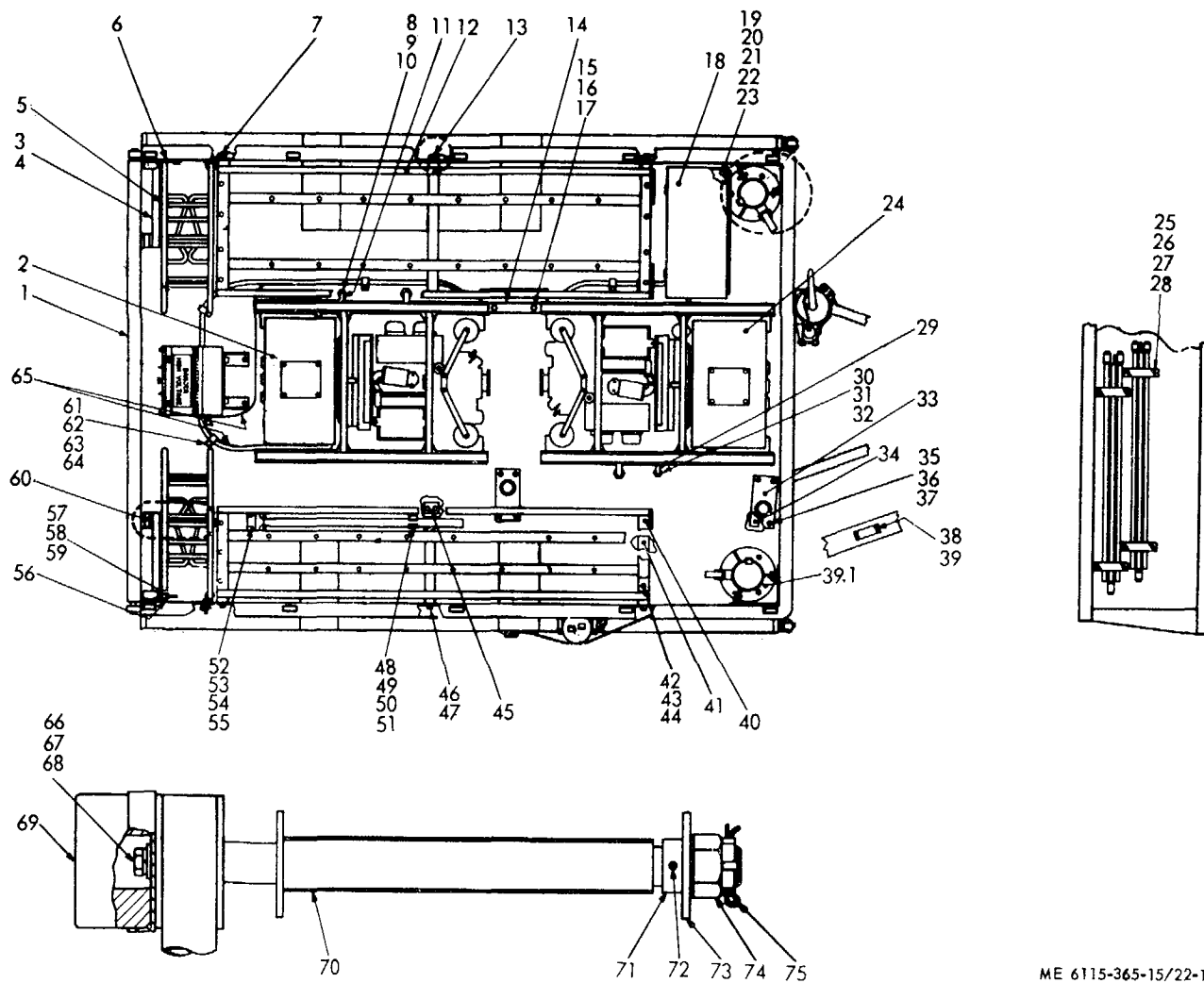
ME 6115-365-15/22-9 C3

Figure 22-9. Removable rack assembly.



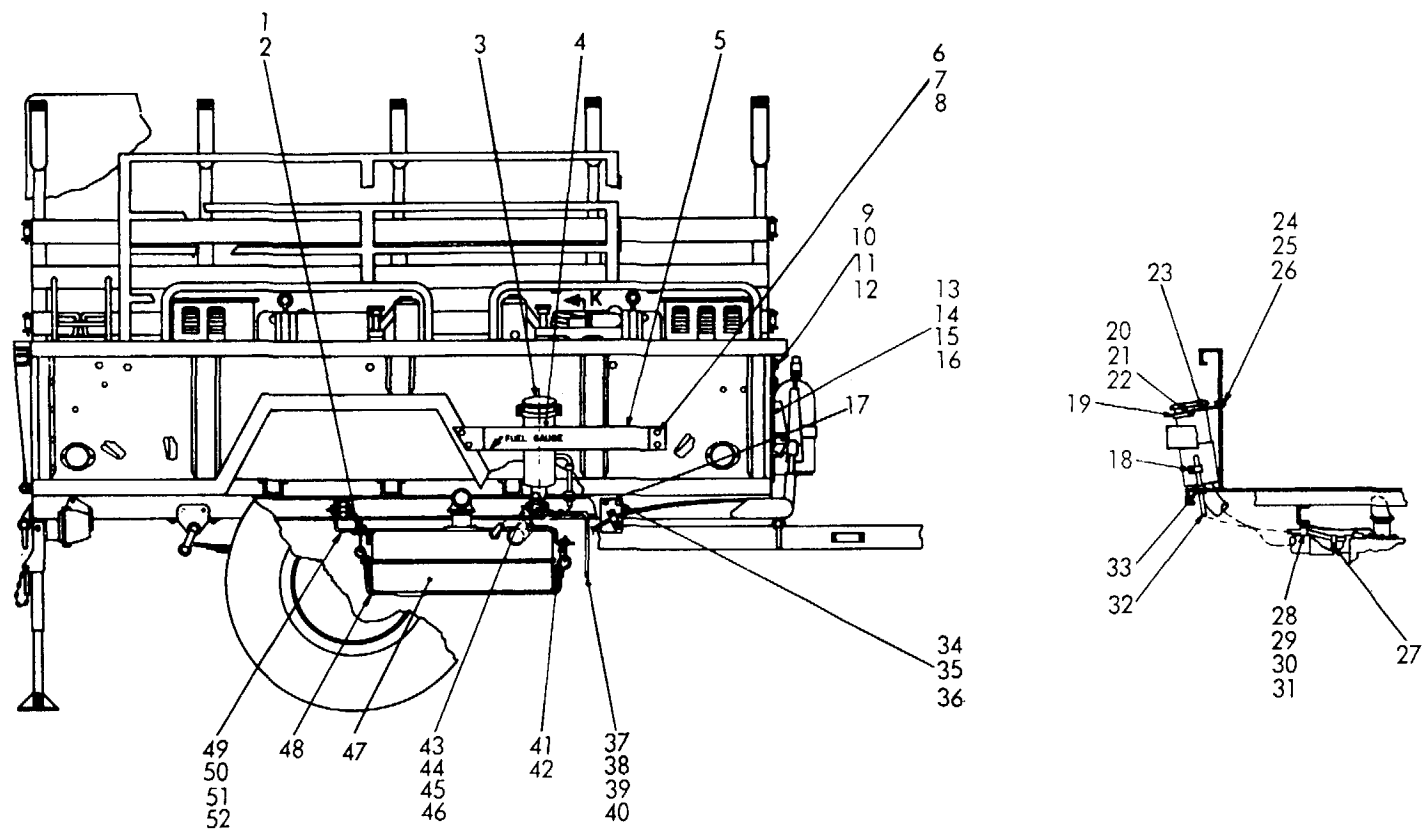
ME 6115-365-15/2240 C3

Figure 22-10. Curbside rack assembly.



ME 6115-365-15/22-11 C3 C3

Figure 22-11. Basic trailer with accessories.



ME 6115-365-15/22-12 C3

Figure 22-12. Trailer with fuel tank mounted.

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
00001		PART I - PU-625/G								
		REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
00002		GROUP 03 - FUEL SYSTEM								
00003		0306 - TANKS, LINES AND FITTINGS								
X2 0 00005		BRACKET: FILLER NECK MTG 13205E5080 (97403)	EA	1					22-12	23
X2 0 00006		BRACKET: TANK STRAP MTG, REAR 13205F4952 (97403)	EA	2					22-12	49
0 00007		BRACKET: TANK SUPPORT 13205F4953 (97403)	EA	2	*	*	*	*	22-12	48
P 0 00008	2910-911-0081	CAP: FUEL TANK, TAG VEHICULAR, FORDING MS35645-2 (96906)	EA	1	*	*	*	*	22-12	3
0 00009	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	4	*	*	*	*	22-12	6
0 00010	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	3	*	*	*	*	22-12	24
0 00011	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	22-12	20
0 00012	5305-269-3209	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS90725-58 (96906)	EA	3	*	*	*	*	22-12	38
0 00013	5305-269-3215	CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 3/4 IN. LG MS90725-65 (96906)	EA	2	*	*	*	*	22-12	50
0 00014	5305-269-3217	CAPSCREW, HEXAGON HEAD: 3/8-16 X 2 1/4 IN. LG MS90725-67 (96906)	EA	2	*	*	*	*	22-12	44
0 00015	4730-908-3195	CLAMP: HOSE, 7/16-25/32 IN. RANGE MS35842-10 (96906)	EA	2	*	*	*	*	22-12	27
0 00016	4730-909-8627	CLAMP: HOSE, 1 13/16 X 2 3/4 IN. RANGE MS35842-13 (96906)	EA	2	*	*	*	*	22-6	45
0 00017	5340-106-0551	CLAMP: LOOP, CUSHIONED, 5/8 IN. OD MS211047D10 (96906)	EA	2	*	*	*	*	22-6	40
0 00018	5340-106-0551	CLAMP: LOOP, CUSHIONED, 5/8 IN. OD MS21104D10 (96906)	EA	3	*	*	*	*	22-6	46
0 00019	5340-106-0552	CLAMP: LOOP, CUSHIONED, 3/4 IN. OD MS21104D12 (96906)	EA	1	*	*	*	*	22-12	31
X2 0 0020		FILLER: FUEL TANK 13205E5081 (97403)	EA	1					22-12	4
X2 0 00021		FITTING: 37 DEG FLARE, FUEL LINE CONNECTOR SAEJ514AF1G10C (81343)	EA	2					22-11	30
0 00022	5325-181-9846	GROMMET: 3/4 IN. DIA MS35489-120 (96906)	EA	1	*	*	*	*	22-12	33
X2 0 00023		GUARD: FUEL FILLER 13205E5083 (97403)	EA	1					22-12	5

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
0 00024	2910-881-3433	HOSE: 1/2 IN. ID X 3/4 IN. OD X 24 IN. LG MILH13444TYPE2 (81349)	EA	1	*	*	*	*	22- 12	32
0 00025	4720-879-4091	HOSE ASSEMBLY: 5/16 IN. OD X 90 IN. LG MS28741-5-0900 (96906)	EA	1	*	*	*	*	22-6	50
P 0 00026	4720-289-4488	HOSE ASSEMBLY: DETACHABLE FITTING, 5/16 IN. OD X 18 IN. LG MS28741-5-0180 (96906)	EA	2	*	*	*	*	22- 11	29
P 0 00027	4721-781-4517	HOSE ASSEMBLY: DETACHABLE FITTING, 5/16 IN. OD X 50 IN. LG MS28741-5-0500 (96906)	EA	1	*	*	*	*	22-6	39
X2 0 00028		HOSE: FUEL, 2 IN. ID X 2 1/2 IN. OD X 3 IN. LG SAEJ30CLASS30R2TYPE2 (81343)	EA	1					22-6	44
X2 0 00029		LOCKNUT: 37 DEG FLARE, 1/2-20 THD SIZE SAEJ514AF1G10A (81343)	EA	2					22- 11	32
0 00030	5310-877-5797	NUT, SELF-LOCKING, HEXAGON HEAD: NO. 10-32 THD SIZE MS21044N3 (96906)	EA	1	*	*	*	*	22- 12	30
0 00031	5310-877-8797	NUT, SELF-LOCKING, HEXAGON HEAD; 10-32 THD SIZE MS21044N3 (96906)	EA	2	*	*	*	*	22-6	43
0 00032	5310-877-8797	NUT, SELF-LOCKING, HEXAGON HEAD: NO. 10-32 THD SIZE MS21044N3 (96906)	EA	3	*	*	*	*	22-6	49
0 00033	5310-088-1251	NUT, SELF-LOCKING, HEXAGON HEAD: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	22- 12	8
0 00034	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	22- 12	22
0 00035	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	3	*	*	*	*	22- 12	26
0 00036	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 THD SIZE MS51922-17 (96906)	EA	3	*	*	*	*	22- 12	40
0 00037	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 THD SIZE MS51922-17 (96906)	EA	2	*	*	*	*	22- 12	42
0 00038	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS57922-7 (96906)	EA	2	*	*	*	*	22- 12	46
0 00039	5310-087-4652	NUT, HEXAGON HEAD: 3/8-16 THD SIZE MS51922-17 (96906)	EA	4	*	*	*	*	22- 12	52
X2 0 00040		PIPE: SPACER, 1/2 IN. ID, STD, BLK (AS REQUIRED) ASTMA120 (00000)	FT						22- 12	43

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
0 00041	5305-989-7435	SCREW, MACHINE, PAN HEAD: 10-32 x 5/8 IN. LG MS35207-264 (96906)	EA	1	*	*	*	*	22-12	28
0 00042	5305-989-7435	SCREW, MACHINE, PAN HEAD: 10-32 x 5/8 IN. LG MS35207-264 (96906)	EA	3	*	*	*	*	22-6	47
0 00043	5305-989-7435	SCREW, MACHINE, PAN HEAD: 10-32 x 5/8 IN. LG MS35207-264 (96906)	EA	2	*	*	*	*	22-6	41
X2 0 00044		SHIELD: FUEL TANK 13205E4951 (97403)	EA	1					22-12	37
X2 0 00045		STRAP FILLER BRACKET 13205E5082 (97403)	EA	1					22-12	19
P 0 00046	2910-01-108-0468	TANK ASSEMBLY: FUEL, 2 FILTER 13225E8390 (97403)	EA	1	*	*	*	*	22-12	47
X2 0 00047	4820-845-1096	COCK: DRAIN MS35783-2 (96906)	EA	1					22-7	12
X2 0 00049	4820-00-845-1096	ELBOW 90-37 DEG x 5/16 IN. OD MS20822-5 (96906)	EA	2					22-7	7
P 0 00051		CAP MS51532B5 (96906)	EA	2	*	*	*	*	22-7	2
X2 0 00052	6680-00-421-1551	GAGE: LIQUID LEVEL 13216E7459 (97403)	EA	1					22-7	22
X2 0 00054	5330-01-165-6917	GASKET GAGE MTG 13216E7460 (97403)	EA	1					22-7	19
X2 0 00055		GASKET: LEATHER 13222E5346 (97403)	EA	1					22-7	13
X2 0 00056		GASKET: PLATE MTG 13222E5351 (97403)	EA	1					22-7	4
X2 0 00057		GROUND WIRE ASSEMBLY 13216E7462 (97403)	EA	1					22-7	17
X2 0 00058	2910-01-154-7051	MOUNT: GAGE 13216E7458 (97403)	EA	1					22-7	18
X2 0 00059		NUT INVERTED, 1/2 IN. OD, 3/4-18 THD SIZE 13218E0145-7 (97403)	EA	1					22-7	15
X2 0 00060		PLATE: 2 CONNECTOR 3216E7454-2 (97403)	EA	1					22-7	3
X2 0 00061	5305-00-993-1848	SCREW, MACHINE: NO. 12-24 x 3/4 IN. LG MS35207-265 (96906)	EA	10					22-7	6
0 00062	5305-984-6193	NUT: INVERTER FLARE 13218E0145-4 (97403)	EA	2	*	*	*	*	22-7	10
0 00063	5305-00-993-1848	SCREW, PAN HEAD: NO. 10-32 x 5/8 IN. LG MS35207-265 (96906)	EA	16	*	*	*	*	22-7	20
X2 0 00064	2910-00-394-9584	TANK: FUEL 13225E8389 (97403)	EA	1					22-7	1



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
X2 0 00065 0 00066 X2 0 00067 0 00068 0 00069 0 00070 0 00071 0 00072 0 00073 0 00074 0 00075 0 00076 0 00077 0 00078 0 00079 00080 00083 0 00084 0 00085 P 0 00086 0 00087 00088 00089 PBFFF 00090 X2 0 00092	5310-045-3299     5310-045-3296  5310-809-8546 5310-809-8546 5310-809-8546 5310-809-4058 5310-809-4058 5310-809-4058 5310-080-6004 5310-080-6004 5310-080-6004 5310-080-6004 15310-809-5998  5305-269-3213 5310-087-4652   5310-080-6004  6115-01-191-4670	TUBING 1/2 IN. 00 X 035 IN WALL X 3 IN LG SAEJ526 (81343) WASHER: LOCK, NO. 8 NOM. SIZE, MS35338-42 (96906) WASHER: LOCK, NO. 12 NOM. SIZE. USASB27-4 (00000) WASHER: LOCK, NO. 10 NOM SIZE, MS35338-43 (96906) WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906) WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906) WASHER: FLAT, NO 10 BSC SIZE MS27183-8 (96906) WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906) WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906) WASHER: FLAT, 1/4 IN. NOM. SIZE, MS27183-10 (96906) WASHER: FLAT, 3/8 IN. NOM. SIZE, MS27183-14 (96906) WASHER: 3/8 IN. BSC SIZE MS27183-14 (96906) WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906) WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906) WASHER: FLAT, 1/2 IN. BSC SIZE MS27183-18 (96906) GROUP 15 – FRAME 1507 – LEVELING JACKS CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 1/4 IN LG MS90725-62 (96906) NUT, SELF-LOCKING 3/8-16 THD SIZE MS51922-17 (96906) TRAILER LEG PROP ASSEMBLY 13214E1206 (97403) WASHER FLAT, 3/8 IN BSC SIZE MS27183-14 (96906) GROUP 18 – BODY 1808 – STOWAGE RACKS, BOXES, CABLE REELS ACCESSORY BOX 13205E5146 (97403) BRACKET FIRE EXTINGUISHER MTG 13214E1235 (97403)	EA  EA							

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION   USABLE ON CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION		
					(a)	(b)	(c)	(d)	(a)	(b)	
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.	
		REF NUMBER & MFG CODE									
X2 0 00093	5315-842-3044	BRACKET: RACK TO FLOOR 13216E7596 (97403)	EA	2					22-10	7	
X2 0 00094		BRACKET ASSEMBLY SWIVEL 13205E5094 (97403)	EA	4					22-6	26	
X2 0 00095		BRACKET: SWIVEL 13205E5107 (97403)	EA	1					22-9	9	
X2 0 00096		HOLDER 13205E5109 (97403)	EA	1					22-9	11	
0		PIN, COTTER- 3/32 X 3/4 IN LG MS24665-283 (96906)	EA	1	*	*	*	*			
X2 0 00098		PIN: SWIVEL 13205E5152 (97403)	EA	1					22-9	10	
X2 0 00099		SCREW,. SHOULDER 13205E5108 (97403)	EA	1					22-9	15	
0		CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/8 IN. LG MS90725-11 (96906)	EA	2	*	*	*	*	22-11	20	
0100		5305-225-3840	CAPSCREW, HEXAGON HEAD 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	6	*	*	*	*	22-10	8
00103		5305-225-3839	CAPSCREW, HEXAGON HEAD 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	6	*	*	*	*	22-6	8
00105	5305-071-2232	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3-1/4 IN. LG MS90725-19 (96906)	EA	2	*	*	*	*	22-11	23	
00107	5305-269-3209	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS90725-58 (96906)	EA	4	*	*	*	*	22-12	14	
00108	4010-959-4775	CHAIN, WELDLESS, 6 IN. LG RRC271TYPE2C1-7 (81348)	EA	4	*	*	*	*	22-10	15	
X2 0 00111		HOOK 13205E5134-1 (97403)	EA	4					22-6	37	
P 0 00112		HOOK CHAIN MS87006-13 (96906)	EA	8	*	*	*	*	22-6	16	
X2 0 00113		KNOB 13205E5105-1 (97403)	EA	4					22-6	36	
X2 0 00116		BUMPER: REEL SHAFT 13216E7598 (97403)	EA	1					22-11	69	
0 00117		CAPSCREW, HEXAGON HEAD' 1/4-20 X 5/8 IN. LG MS90725-5 (96906)	EA	1	*	*	*	*	22-11	66	
X2 0 00118		COLLAR: REEL 13216E7608 (97403)	EA	1					22-11	71	
X2 0 00119		NUT, CASTELLATED, HEXAGON: 3/4-16 THD SIZE MS9358-17 (96906)	EA	1					22-11	74	
0 00120		5315-298-1481	PIN, COTTER: 1/8 X 1-1/2 IN. LG MS24665-357 (96906)	EA	1	*	*	*	*	22-11	75
0 00121		5315-143-6284	PIN, SPRING: 118 X 1 IN LG MS171534 (96906)	EA	1	*	*	*	*	22-11	72
X2 0 00122	5310-809-4058	SPINDLE: REEL 13216E7607(97403)	EA	1					22-11	70	
0 00123		WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	1	*	*	*	*	22-11	67	
0 00124		WASHER: LOCK, 1/4 IN. NOM. SIZE MS35338-44 (96906)	EA	1	*	*	*	*	22-11	68	
P		KNOB 13205E5150-1 (97403)	EA	4					22-9	13	



(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
0 00154	5305-984-7354	SCREW, MACHINE: 10-32 X 5/16 IN. LG MS35191-269 (96906)	EA	16	*	*	*	*	22-9	23
0 00155	5305-828-9820	SCREW: TAPPING, 6-32 X 1/2 IN. LG MS24627-24 (96906)	EA	40	*	*	*	*	22-9	21
X2 0 00156		RUNNER: 16 1/2 IN. LG 13205E5121 (97403)	EA	4					22-9	24
X2 0 00157		RUNNER: NYLON, 611/2 IN. LG 13205E5123 (97403)	EA	4					22-9	22
0 00158	5310-809-4058	WASHER, FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	16	*	*	*	*	22-9	27
P 0 00159		REEL, CABLE MILR55566RC435U (81349)	EA	2					22-11	5
0 00160	5305-989-7435	SCREW, MACHINE HEAD: 10-32 X 5/8 IN., LG MS35207-264 (96906)	EA	3	*	*	*	*	22-9	17
0 00161	5305-989-7434	SCREW, MACHINE, PAN HEAD: 10-32 X 3/4 IN. LG MS35207-263 (95906)	EA	4	*	*	*	*	22-10	12
P 0 00162	5355-493-1849	SCREW, KNOB 13205E5148(97403)	EA	3	*	*	*	*	22-9	20
X2 0 00163		CHAIN: 6 IN LG RRC271TYPE1GRCC15STYLE1 (81349)	EA	1						
0 00164	4030-780-9350	HOOK, CHAIN MS87006-13 (96906)	EA	1	*	*	*	*		
0 00165	4030-946-8497	HOOK, CHAIN MS87006-23 (96906)	EA	1	*	*	*	*		
X2 0 00166		KNOB: 5/16-18 13205E5105-2 (97403)	EA	1						
X2 0 00167		PIN, ROLL: 1/8 X 5/8 IN LG MS171528 (96906)	EA	1						
0 00168	5305-984-5681	SCREW: 5/16-18 X 3/4 IN. LG MS35206-301 (96906)	EA	1	*	*	*	*		
X2 0 00169		SPACER 13205E5119-1 (97403)	EA	4					22-6	35
X2 0 00172		STIFFENER 13205E5151 (97403)	EA	2					22-10	11
PB000 00176		SUPPORT, MAST 13205E5099-2 (97403)	EA	2					22-11	39
0 00180	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	4	*	*	*	*	22-6	12
0 00181	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	2	*	*	*	*	22-6	14
0 00182	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	1	*	*	*	*	22-6	19
0 00183	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	2	*	*	*	*	22-6	23
0 00184	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	22-6	14
0 00185	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	22-6	16
0 00186	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	6	*	*	*	*	22-6	21

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
		REF NUMBER & MFG CODE								
0 00187	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	22-6	25
0 00188	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS527183-10 (96906)	EA	4	*	*	*	*	22-6	13
0 00189	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	22-6	15
0 00190	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	6	*	*	*	*	22-6	20
0 00191	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	22-6	24
0 00194	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906)	EA	3	*	*	*	*	22-9	18
0 00195	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906)	EA	4	*	*	*	*	22-10	13
0 00198	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	6	*	*	*	*	22-10	9
0 00200	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	22-11	21
0 00202	531C-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	6	*	*	*	*	22-6	9
0 00204	5310-081-6004	WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	4	*	*	*	*	22-12	15
0 00205	5310-081-6004	WASHER: FLAT, 1/2 IN. BSC SIZE M227183-14 (96906)	EA	1	*	*	*	*	22-6	5
X2 0 00206		WASHER 13205E5114 (97403)	EA	4					22-11	19
00207		GROUP 22 - BODY ACCESSORY ITEMS								
00208		2202 - ACCESSORY ITEMS								
X2 0 00209		BRACKET: FIRE EXTINGUISHER MTG 13216E7601 (97403)	EA	1					22-12	9
X2 0 00210		BRACKET ASSEMBLY: SLEDGE HAMMER 13214E1214 (97403)	EA	1					22-11	52
0 00211	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	2	*	*	*	*	22-11	53
0 00212	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	1	*	*	*	*	22-11	49
0 00213	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	2	*	*	*	*	22-11	15
0 00214	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	8	*	*	*	*	22-11	26
0 00215	5305-269-3209	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS90725-58 (9690b)	EA	4	*	*	*	*	22-11	10
0 00216	5306-225-8498	CAPSCREW, HEXAGON HEAD: 5/16-18 X 7/8 IN. LG MS90725-33 (96906)	EA	1	*	*	*	*	22-11	34
X2 0 00217	2590-932-7298	CLAMP, GROUND ROD 13212E3617 (97403)	EA	4					22-11	25
X2 0 00218	5340-914-2578	CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1					22-11	48

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
		REF NUMBER & MFG CODE								
X2 0 00219 0 00220 0 00221 0 00222 0 00223 0 00224 X2 0 00225 0 00226 0 00227 0 00228 0 00229 0 00230 0 00231 00232 X2 0 00233 X2 0 00234 0 00235 00236 00237 0 00238 0 00240 X2 0 00241 0 00242 X2 0 00243	5310-088-1251  5310-088-1251  5310-088-1251  5310-088-1251  5310-087-4652  5310-984-3806   5310-809-4058  5310-809-4058  5310-809-4058  5310-809-4058  5310-809-4058  5310-080-6004  5310-081-4219    5305-253-5614    5305-782-9494  5310-225-6993    5310-809-5998	GUARD, CABLE 13216E7597 (97403) NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906) NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906) NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906) NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906) NUT, SELF-LOCKING, HEXAGON: 5/16-18 THD SIZE MS5122-9 (96906) PLATE: BRAKE CABLE MTG 13205E5133 (97403) WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906) WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906) WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906) WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906) WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906) WASHER: FLAT, 5/16 IN. BSC SIZE MS27183-12 (96906) 2210 - DATA PLATES PLATE, IDENTIFICATION: GROUND TERMINAL 13205E4918 (97403) PLATE, IDENTIFICATION: PU-625/G 13205E4916-19 (97403) SCREW, DRIVE: NO. 4-7 X .19 IN. LG MS21318-20 (96906) GROUP 29 - AUXILIARY GENERATORS AND ENGINES 2901 - GENERATOR AND ENGINE ASSEMBLY CAPSCREW, HEXAGON HEAD: 1/2-13 X 13/4 IN. LG MS90725-14 (96906) NUT, SELF-LOCKING: 1/2-13 MS51922-33 (96906) WASHER: 1/2 IN. 13216E7602 (97403) WASHER: 1/2 IN. NOM. SIZE MS27183-18 (96906) WASHER: BEVELED 1306E4482-2 (97403)	EA  EA <							

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIG NO.	(b) ITEM NO.
		REF NUMBER & MFG CODE								
00244		2916 - ENGINE LUBRICATION SYSTEM								
0	4730-270-4581	ADAPTER: 1/2-20 X 1/4-18	EA	2	*	*	*	*	22-6	52
00245		5AEJ514 (81343)								
P 0	4730-908-3194	CLAMP	EA	4	*	*	*	*	22-6	58
00246		MS35842-11 (96906)								
0	4820-277-1765	COCK, PLUG, SPRING, KEY: 1/4-18 X 1/4-18 THD SIZE	EA	2	*	*	*	*	22-6	55
00247		MS35930-2 (96906)								
M 0	4720-00-670-6037	HOSE: 1/2-10 X 10 IN. LG	EA	2	*	*	*	*	22-6	57
00248		SAEJ30CL30RSTYPE1 (81343)								
P 0	4730-684-1032	HOSE: 1/2-10 IN. ID (AS REQUIRED)	FT		*	*	*	*		
00249		SAEJ30CL30RSTYPE1 (81343)								
0	5310-584-5272	LOCK WASHER	EA	2	*	*	*	*	22-6	60
00250		MS35332-48 (96906)								
0	4730-196-1465	NIPPLE, CLOSE	EA	2	*	*	*	*	22-6	54
00251		WWN351 (81348)								
0		NIPPLE: 1/4 IN. IPS	EA	2	*	*	*	*	22-6	53
00252		WWP521 (81348)								
0	4730-196-1502	NIPPLE: 1/4 IN. IPS X 1-1/2 IN. LG	EA	2	*	*	*	*	22-6	56
00253		WWN351 (81348)								
0	5310-282-7818	NUT	EA	2	*	*	*	*	22-6	61
00254		AN924-5 (88044)								
0	5330-00-684-3420	PACKING, PREFORMED: O RING	EA	2	*	*	*	*	22-6	51
00255		MS28775-013 (96906)								
X2 0	4730-277-6447	UNION: BULKHEAD	EA	2					22-6	59
00256		AN832-5 (88044)								
00257		GROUP 42 - ELECTRICAL EQUIPMENT								
00258		4202 - ELECTRICAL CONTROLS								
P 0	6210-660-8195	LIGHT, INDICATOR	EA	2	*	*	*	*	22-8	6
00271		13214E1391 (97403)								
00300		4216 - MISCELLANEOUS WIRING AND FITTINGS								
0	5310-877-5797	NUT, SELF-LOCKING, HEXAGON: NO. 10-32 THD SIZE	EA	4	*	*	*	*	22-11	64
00301		MS21044N3 (96906)								
X2 0	5340-106-0552	CLAMP: LOOP, 3/4 IN. OD, TUBE	EA	4					22-11	61
00302		MS21104D12 (96906)								
0	5310-918-6921	NUT, PLAIN, HEXAGON: JAM	EA	2	*	*	*	*	22-8	21
00303		MS16203-39 (96906)								
0	5310-543-4717	NUT, PLAIN, WING: 3/8-16 THD SIZE	EA	1	*	*	*	*	22-8	15
00304		MS35425-28 (96906)								
0	5305-989-7435	SCREW, MACHINE: 10-32 X 5/8 IN. LG	EA	4	*	*	*	*	22-11	62
00305		MS35207-264 (96906)								
X2 0	5307-722-9437	STUD: GROUNDING	EA	1					22-8	16
00306		13214E1223 (97403)								
0	5940-688-6010	TERMINAL LUG: CRIMP STYLE, 3/8 IN. BSC SIZE	EA	2	*	*	*	*	22-8	19
00307		MS20659-10 (96906)								
0	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE	EA	4	*	*	*	*	22-11	63
00308		MS27183-8 (96906)								

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- RATION	
					(a)	(b)	(c)	(d)	(a) FIG NO.	(b) ITEM NO.
					1-5	6-20	21-50	51-100		
X2 O 00309	5310-187-2413	WASHER: FLAT, ELECTRIC, 3/8 IN. BSC SIZE AN961-616 (88044)	EA	1					22- 8	20
O 00310	5310-913-9776	WASHER: LOCK, 3/8 IN. NOM. SIZE MS35335-91 (96906)	EA	2	•	•	•	•	22- 8	17
O 00311	5310-913-9776	WASHER: LOCK, EXTERNAL TOOTH, 3/8 IN. NOM. SIZE MS35335-91 (96906)	EA	2	•	•	•	•	22- 8	18
O 00312	6145-395-8799	WIRE, ELECTRIC: NO. 6 AWG (AS REQUIRED) QQW343TYPERBR (81348)	FT		•	•	•	•	22- 11	65
PB O 00313	6110-400-7592	DISTRIBUTION BOX 13205E5079-3 (97403)							22- 8	23
XB O 00314		BRACKET, DISTRIBUTION BOX 13205E5117(97403)							22- 8	10



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00001		PART II - PU- 625/G												
00002		REPAIR PARTS FOR DS, GS AND DEPOT MAINTENANCE												
00003		GROUP 03 - FUEL SYSTEM												
00003		0306 - TANKS, LINES AND FITTINGS												
X2 O 00005		BRACKET: FILLER NECK MTG 13205E5080 (97403)	EA	1									22- 12	23
X2 O 00006		BRACKET: TANK STRAP MTG, REAR 13205F4952 (97403)	EA	2									22- 12	49
O 00007		BRACKET: TANK SUPPORT 13205E4953 (97403)	EA	2	*	*	*	*	*	*	*	*	22- 12	48
P O 00008	2910-911-0081	CAP: FUEL TANK, TAC VEHICULAR, FORDING MS35645-2 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 12	3
O 00009	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	4	*	*	*	*	*	*	*	*	22- 12	6
O 00010	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	3	*	*	*	*	*	*	*	*	22- 12	24
O 00011	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG MS90725-8 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 12	20
O 00012	5305-269-3209	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS90725-58 (96906)	EA	3	*	*	*	*	*	*	*	*	22- 12	38
O 00013	5305-269-3215	CAPSCREW, HEXAGON HEAD: 3/8-16 X 1 3/4 IN. LG MS90725-65 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 12	50
O 00014	5305-269-3217	CAPSCREW, HEXAGON HEAD: 3/8-16 X 2 1/4 IN, LG MS90725-67 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 12	44
O 00015	4730-908-3195	CLAMP: NOSE, 7/16-25/32 IN. RANGE MS35842-10 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 12	27
O 00016	4730-909-8627	CLAMP: HOSE, 1 13/16 X 2 3/4 IN. RANGE MS35842-13 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	45
O 00017	5340-106-0551	CLAMP: LOOP, CUSHIONED, 5/8 IN. OD M21104D10 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	40
O 00018	5340-106-0551	CLAMP: LOOP, CUSHIONED, 5/8 IN. OD M21104D10 (96906)	EA	3	*	*	*	*	*	*	*	*	22-6	46
O 00019	5340-106-0552	CLAMP: LOOP, CUSHIONED, 3/4 IN. OD MS21104D12 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 12	31
X2 O 00020		FILLER: FUEL TANK 13205E5081 (97403)	EA	1									22- 12	4
X2 O 00021		FITTING: 37 DEG FLARE, FUEL LINE CONNECTOR SAEJ514AF1G10C (81343)	EA	2									22- 11	30
O 00022	5325-184-9846	GROMMET: 3/4 IN. DIA 8M35489-120 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 12	33
X2 O 00023		GUARD: FUEL FILLER 13205E5083 (97403)	EA	1									22- 12	5
O 00024	2910-881-3433	HOSE: 1/2 IN. ID X 3/4 IN. OD X 24 IN. LG MILH13444TYPE2 (81349)	EA	1	*	*	*	*	*	*	*	*	22- 12	32

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  REF NUMBER & MFR CODE	(4) USABLE UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1-YR ALW PER 100 EQUIP CNTGCT	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00025	4720-879-4091	HOSE ASSEMBLY: 5116 IN OD x 90 IN. LG MS28741-5-0900 (96906)	EA	1	*	*	*	*	*	*	*	*	22-6	50
P O 00026	4720-289-4488	HOSE ASSEMBLY: DETACHABLE FITTING, 5116 IN OD x 18 IN. LG MS28741-5-0180 (96906)	EA	2	*	*	*	*	*	*	*	*	22-11	29
P O 00027	4721-781-4517	HOSE ASSEMBLY: DETACHABLE FITTING, 5/16 IN. OD x 50 IN. LG MS28741-5-0500 (96906)	EA	1	*	*	*	*	*	*	*	*	22-6	39
O 00028		HOSE: FUEL, 2 IN. ID x 2-1/2 IN. OD x 3 IN. LG SAEJ30CLASS30R2TYPE2 (81343)	EA	1	*	*	*	*	*	*	*	*	22-6	44
X2 O 00029		LOCKNUT: 37 DEG FLARE, 1/2-20 THD SIZE SAEJ514AF1G10A 181343)	EA	2									22-11	32
O 00030	5310-877-5797	NUT, SELF-LOCKING, HEXAGON HEAD: NO. 10-32 THD SIZE MS21044N3 (96906)	EA	1	*	*	*	*	*	*	*	*	22-12	30
O 00031	5310-877-8797	NUT, SELF-LOCKING, HEXAGON HEAD: NO. 10-32 THD SIZE MS21044N3 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	43
O 00032	5310-877-8797	NUT, SELF-LOCKING, HEXAGON HEAD: NO. 10-32 THD SIZE MS21044N3 (96906)	EA	3	*	*	*	*	*	*	*	*	22-6	49
O 00033	5310-088-1251	NUT, SELF-LOCKING, HEXAGON HEAD: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	*	*	*	*	22-12	8
O 00034	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	22-12	22
O 00035	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS59122-1 (96906)	EA	3	*	*	*	*	*	*	*	*	22-12	28
O 00036	5310-087-4652	NUT, SELF-LOCKING: 3/8-16 THD SIZE MS51922-17 (96906)	EA	3	*	*	*	*	*	*	*	*	22-12	40
O 00037	5310-087-4652	NUT, SELF-LOCKING 3/8-16 THD SIZE MS51922-17 (96906)	EA	2	*	*	*	*	*	*	*	*	22-12	42
O 00038	5310-0874652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS57922-7 (96906)	EA	2	*	*	*	*	*	*	*	*	22-12	46
O 00039	5310-087-4652	NUT, HEXAGON HEAD 3/8-16 THD SIZE MS51922-17 (96906)	EA	4	*	*	*	*	*	*	*	*	22-12	52
X2 O 00040		PIPE: SPACER, 1/2 IN. ID, STD, BLD (AS REQUIRED) ASTMA120 (00000)	FT										22-12	43
P O		WASHER MS27183-42 (96906)	EA	16									22-7	23

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00041	5305-989-7435	SCREW, MACHINE, PAN HEAD: 10-32 X 5/8 IN. LG MS35207-264 (96906)	EA	1	*	*	*	*	*	*	*	*	22-12	28
O 00042	5305-989-7435	SCREW, MACHINE, PAN HEAD 10-32 X 5/8 IN. LG MS35207-264 (96906)	EA	3	*	*	*	*	*	*	*	*	22-6	47
O 00043	5305-989-7435	SCREW, MACHINE, PAN HEAD: 10-32 X 5/8 IN. LG M335207-264 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	41
X2 O 00044		SHIELD: FUEL TANK 13205E4951 (97403)	EA	1									22-12	37
X2 O 00045		STRAP: FILLER BRACKET 13205E5082 (97403)	EA	1									22-12	19
P O 00046	2910-255-5038	TANK ASSEMBLY: FUEL, 2 FILTER 13216E7451-2 (97403)	EA	1	*	*	*	*	*	*	*	*	22-12	47
X2 O 00047	4820-845-1096	COCK: DRAIN MS35783-2 (96906)	EA	1									22-7	12
X2 O 00048		COVER 13216E7456 (97403)	EA	1									22	8
X2 O 00049		ELBOW: 90-37 DEG X 5/16 IN. OD SAEJ514 (81343)	EA	2									22-7	7
F 00050		EXTENSION: WELDMENT 13216E9457 (97403)	EA	1									22-7	14
P O 00051	2910-575-0998	FILTER: FUEL 13216E7451 (97403)	EA	2	*	*	*	*	*	*	*	*	22-7	2
X2 O 00052		GAGE: LIQUID LEVEL 1321687459 (97403)	EA	1									22-7	22
X2 O 00053		GASKET: COVER 13216E7455 (97403)	EA	1									22-7	9
X2 O 00054		GASKET: GAGE MTG 13216E7458 (97403)	EA	1									22-7	19
X2 O 00055	2910-423-2730	GASKET: LEATHER 13216E7451 (97403)	EA	1									22-7	13
X2 O 00056		GASKET: PLATE MTG 13216E7453 (97403)	EA	1									22-7	4
X2 O 00057		GROUND WIRE ASSEMBLY 13216E7462 (97403)	EA	1									22-7	17
X2 O 00058		MOUNT: GAGE 1321689458 (97403)	EA	1									22-7	18
X2 O 00059		NUT: INVERTED, 1/2 IN. OD, 3/4-18 THD SIZE SAEJ512 (81343)	EA	1									22-7	15
X2 O 00060		PLATE: 2 CONNECTOR 321687454-2 (97403)	EA	1									22-7	3
X2 O 00061		SCREW, MACHINE: NO. 12-24 X 3/4 IN. LG FFS92TYPE3STYLE9C (81348)	EA	10									22-7	6
O 00062	5305-984-6193	SCREW, MACHINE: PAN HEAD, NO. 8-32 X 1/2 IN. LG MS35206-245 (96906)	EA	5	*	*	*	*	*	*	*	*	22-7	10
O 00063	5305-989-7435	SCREW, PAN HEAD: 10-32 I 5/8 IN. LG MS35207-264 (96906)	EA	6	*	*	*	*	*	*	*	*	22-7	20
X2 O 00064		TANK: FUEL 13216E7452 (97403)	EA	1									22-7	1
X2 O 00065		TUBING 1/2 IN. OD X .035 IN. WALL X 3 IN. LG SAEJ526 (81343)	EA	1									22-7	16

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  REF NUMBER & MFR CODE	USABLE  ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTG	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
						ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
O 00066 X2 O 00067 O 00068 O 00069 O 00070 O 00071 O 00072 O 00073 O 00074 O 00075 O 00076 O 00077 O 00078 O 00079 00080 00081 X2 R 00082  00083 O 00084 O 00085 P O 00086 O 00087	    5310-809-8546  5310-809-8546  5310-809-8546  5310-809-4058  5310-809-4058  5310-809-4058  5310-080-6004  5310-080-6004  5310-080-6004  5310-080-6004  5310-809-5998   2330-898-6779   5305-269-3213  5310-087-4652  2590-318-6691  5310-080-6004	TUBE 13218E5144-1 (97403) WASHER LOCK, NO 12 NOM. SIZE MS35338-43 (96906) 5310-045-3296WASHER, LOCK, NO. 10 NOM. SIZE MS35338-43 (96906) WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906) WASHER: FLAT, NO 10 BSC SIZE MS2713-8 (96906) WASHER: FLAT, NO 10 BSC SIZE MS27183-8 (96906) WASHER: FLAT, 1/4 IN BSC SIZE MS27183-10 (96906) WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906) WASHER FLAT, 1/4 IN NOM. SIZE MS27183-10 (96906) WASHER: FLAT, 3/8 IN. NOM. SIZE MS27183-14 (96906) WASHER: 3/68 IN. BSC SIZE MS27183-14 (96906) WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906) WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906) WASHER: FLAT, 1/2 IN. BSC SIZE MS27183-18 (96906) GROUP 15-FRAME 1501-FRAME ASSEMBLY TRAILER: M-101-A1 13205E5149 (97403)  1507-LEVELING JACKS CAPSCREW, HEXAGON HEAD: 3/8-16 x 1-1/4 IN. LG MS90725-62 (96906) NUT, SELF-LOCKING: 3/8-16 THD SIZE MS51922-17 (96906) TRAILER LEG PROP ASSEMBLY 13214E1206 (97403) WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906)	EA  EA <												

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
00088		GROUP 18 - BODY												
00089		1808 - STOWAGE RACKS, BOXES, CABLE REELS												
X2 O		ACCESSORY BOX	EA	1									22-	18
00090		13205E5146 (97403)											11	
X2 F		BASE PLATE: MAST SUPPORT	EA	2									22-6	7
00091		3205E5122 (97403)												
X2 O		BRACKET: FIRE EXTINGUISHER MTG	EA	1									22-	13
00092		13214E1235 (97403)											12	
X2 O		BRACKET RACK TO FLOOR	EA	2									22-	7
00093		1321617596 (97403)											10	
X2 O		BRACKET ASSEMBLY: SWIVEL	EA	4									22-6	26
00094		13205E5094 (97403)												
X2 O		BRACKET :SWIVEL	EA	1									22-9	9
00095		13205E5107 (97403)												
X2 O		HOLDER	EA	1									22-9	11
00096		1320515109 (97403)												
O	5315-842-3044	PIN, COTTER: 3/32 1 3/4 IN. LG	EA	1	*	*	*	*	*	*	*	*		
00097		MS24665-283 (96906)												
X2 O		PIN: SWIVEL	EA	1									22-9	10
00098		13205E5152 (97403)												
X2 O		SCREW, SHOULDER	EA	1									22-9	15
00099		13205E5108 (97403)												
O	5305-071-2240	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/8 IN. LG	EA	2	*	*	*	*	*	*	*	*	22-	20
00100		MS90725-11 (96906)											11	
F	5305-068-0501	CAPSCREW, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG	EA	4	*	*	*	*	*	*	*	*	22-6	32
00101		MS90725-5 (96906)												
F	5305-068-0501	CAPSCREW, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG	EA	14	*	*	*	*	*	*	*	*	22-	57
00102		M901725-5 (96906)											11	
O	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG	EA	6	*	*	*	*	*	*	*	*	22-	8
00103		MS90725-7 (96906)											10	
F	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG	EA	6	*	*	*	*	*	*	*	*	22-	42
00104		MS90725-7 (96906)											11	
O	5305-225-3839	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 IN. LG	EA	6	*	*	*	*	*	*	*	*	22-6	32
00105		MS90725-8 (96906)												
F	5305-071-2240	CAPSCREW, HEXAGON HEAD: 1/4-20 X 1 3/8 IN. LG	EA	*	*	*	*	*	*	*	*	*	22-	35
00106		MS90725-11 (96906)											11	
O	5305-071-2232	CAPSCREW, HEXAGON HEADS: 1/4-20 X 3 /4 IN. LG	EA	2	*	*	*	*	*	*	*	*	22-	23
00107		MS90725-19 (96906)											11	
O	5305-269-3209	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG	EA	4	*	*	*	*	*	*	*	*	22-	14
00108		MS90725-58 (96906)											12	
F	5306-225-8497	CAPSCREW, HEXAGON HEAD: 5/16-18 X 3/4 IN. LG	EA	3	*	*	*	*	*	*	*	*	22-	47
00109		M90725-32 (96906)											11	
O	4010-959-4775	CHAIN, WELDLESS, 6 IN. LG	EA	4	*	*	*	*	*	*	*	*	22-	15
00110		RRC271TYPE2C1-7 (81348)											10	
X2 O		HOOK	EA	4									22-6	37
00111		13205E5134-1 (97403)												

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)			(7)			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
					30-DAY DS MAINT			30-DAY GS MAINT					(a) FIG. NO.	(b) ITEM NO.
					ALLOWANCE	ALLOWANCE	ALLOWANCE	ALLOWANCE	ALLOWANCE					
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
P O 00112	4630-780-9350	HOOK, CHAIN	EA	8	*	*	*	*	*	*	*	*	22-10	16
X2 O 00113		MS87006-13 (96906)	EA	4									22-6	36
X2 F 00114		KNOB	EA	1									22-11	3
X2 F 00115		13205E5105-1 (97403)	EA	1									22-11	60
X2 O 00116	5305-068-0501	MOUNT: REEL	EA	1									22-11	69
O		13205E5112 (97403)	EA	1									22-11	
X2 O 00117		MOUNT: REEL	EA	1									22-11	
O		13250E5145 (97403)	EA	1									22-11	
X2 O 00118	5315-298-1481	BUMPER: REEL SHAFT	EA	1									22-11	
O		13216Z7598 (97403)	EA	1	*	*	*	*	*	*	*	*	22-11	66
X2 O 00119		CAPSCREW, HEXAGON HEAD: 1/4-20 X 5/8 IN. LG	EA	1									22-11	
O		MS90725-5 (96906)	EA	1									22-11	
X2 O 00120	5315-143-6284	COLLAR: REEL	EA	1									22-11	71
O		1321617608 (97403)	EA	1									22-11	
X2 O 00121		NUT, CASTELLATED, HEXAGON: 3/4-16 THD SIZE	EA	1									22-11	74
O		MS9358-17 (96906)	EA	1	*	*	*	*	*	*	*	*	22-11	75
X2 O 00122	5310-809-4058	PIN, COTTER: 1/8 X 1 1/2 IN. LG	EA	1	*	*	*	*	*	*	*	*	22-11	
O		SM24665-357 (96906)	EA	1	*	*	*	*	*	*	*	*	22-11	72
X2 O 00123		PIN, SPRING: 1/8 X 1 IN. LG	EA	1									22-11	
O		MS171534 (96906)	EA	1									22-11	
X2 O 00124	5310-582-5965	SPINDLE: REEL	EA	1									22-11	70
O		13216E7607 (97403)	EA	1	*	*	*	*	*	*	*	*	22-11	67
X2 O 00125		WASHER: FLAT, 1/4 IN. BSC SIZE	EA	1									22-11	
O		MS27183-10 (96906)	EA	1	*	*	*	*	*	*	*	*	22-11	
X2 O 00126	5310-877-8797	WASHER: LOCK, 1/4 IN. NON. SIZE	EA	1	*	*	*	*	*	*	*	*	22-11	68
O		MS35338-44 (96906)	EA	1	*	*	*	*	*	*	*	*	22-11	
X2 O 00127		WASHER: FLAT, 3/4 IN. BSC SIZE	EA	1	*	*	*	*	*	*	*	*	22-11	73
O		MS27183-24 (96906)	EA	4	*	*	*	*	*	*	*	*	22-11	4
X2 O 00128	5310-888-1251	PIN, COTTER: 3/32 1 IN. LG	EA	4	*	*	*	*	*	*	*	*	22-11	
O		MS24665-285 (96906)	EA	3	*	*	*	*	*	*	*	*	22-9	19
X2 O 00129		NUT, SELF-LOCKING, HEXAGON: NO. 10-32	EA	3	*	*	*	*	*	*	*	*	22-10	
O		THD SIZE	EA	4	*	*	*	*	*	*	*	*	22-10	14
X2 O 00130	5310-877-8797	MS21044N3 (96906)	EA	4	*	*	*	*	*	*	*	*	22-10	
O		NUT, SELF-LOCKING, HEXAGON HEAD NO.	EA	4	*	*	*	*	*	*	*	*	22-10	
X2 O 00131		10-32 THD SIZE	EA	4	*	*	*	*	*	*	*	*	22-10	
O		MS21044N3 (96906)	EA	8	*	*	*	*	*	*	*	*	22-11	37
X2 O 00132	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE	EA	8	*	*	*	*	*	*	*	*	22-11	
O		MS51922-1 (96906)	EA	4	*	*	*	*	*	*	*	*	22-6	34
X2 O 00133		NUT, SELF-LOCKING: 1/4-20 THD SIZE	EA	6	*	*	*	*	*	*	*	*	22-10	10
O		MS51922-1 (96906)	EA	6	*	*	*	*	*	*	*	*	22-10	
X2 O 00134	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE	EA	14	*	*	*	*	*	*	*	*	22-11	59
O		MS51922-1 (96906)	EA	4	*	*	*	*	*	*	*	*	22-11	
X2 O 00135		NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE	E	4	*	*	*	*	*	*	*	*	22-11	22
O		MS51922-1 (96906)	LA	6	*	*	*	*	*	*	*	*	22-11	44
X2 O 00136	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE	EA	6	*	*	*	*	*	*	*	*	22-11	
O		MS51922-1 (96906)	EA	6	*	*	*	*	*	*	*	*	22-6	10
X2 O 00137		NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE	EA	6	*	*	*	*	*	*	*	*	22-6	
O		MS51922-1 (96906)	EA	6	*	*	*	*	*	*	*	*	22-6	

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG.	ITEM
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE	EA	1	•	•	•	•	•	•	•	•	22-	6
00136		MS51922-17 (96906)											6	
O	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE	EA	4	•	•	•	•	•	•	•	•	22-	16
00137		MS51922-17 (96906)											12	
P O		PIN, QUICK RELEASE	EA	4	•	•	•	•	•	•	•	•	22-	17
00138		MS17990C823 (96906)											10	
XB F		RACK ASSEMBLY: CURBSIDE	EA	1									22-	40
00139		13205E5129(97403)											11	
O	5305-071-2236	CAPSCREW, HEXAGON HEAD: 1/4-20X21/41N. LG	EA	16	•	•	•	•	•	•	•	•	22-	19
00140		MS90725-1 (96906)											10	
X2 O		CLAMP	EA	4									22-	30
00141		13205E5137(97403)											10	
X2 O		HINGE, LEAF BUTT	EA	8									22-	18
00142		13205E5125(97403)											10	
O	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE	EA	16	•	•	•	•	•	•	•	•	22-	21
00143		MS51922-1(96906)											10	
X2 O		RUNNER: 113/4 IN. LG	EA	4									22-	22
00144													10	
X2 O		RUNNER: NYLON, 61 1/2 IN. LG	EA	4									22-	24
00145		13205E5123(97403)											10	
O	5305-984-7361	SCREW, MACHINE: 10-32 X 3/81 IN. LG	EA	12	•	•	•	•	•	•	•	•	22-	23
00146		MS35191-270(96906) 10												
O	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE	EA	16	•	•	•	•	•	•	•	•	22-	20
00147		MS27183-10 (96906)											10	
O	5305-828-9820	SCREW, TAPPING: 6-32X 1/2 IN. LG	EA	40	•	•	•	•	•	•	•	•	22-	25
00148		MS24627-24 (96906)											10	
X2 O		RACK ASSEMBLY: REMOVABLE	EA	1									22-	12
00149		13205E5128(97403)											11	
O	5305-071-2236	CAPSCREW, HEXAGON HEAD: 1/4-20 X 2 1/4	EA	16	•	•	•	•	•	•	•	•	22-	26
00150		IN. LG											9	
		MS90725-15 (96906)												
X2 O		CLAMP	EA	4									22-	1
00151		13205E5137(97403)											9	
X2 O		HINGE: LEAF BUTT	EA	8									22-	25
00152		13205E5125(97403)											9	
O	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE	EA	16	•	•	•	•	•	•	•	•	22-	28
00153		MS51922-1 (96906)											9	
O	5305-984-7354	SCREW, MACHINE: 10-32 X 5/161 IN. LG	EA	16	•	•	•	•	•	•	•	•	22-	23
00154		MS35191-269 (96906)											9	
O		5305-828-9820SCREW: TAPPING, 6-32X 1/2 IN. LG	EA	40	•	•	•	•	•	•	•	•	22-	21
00155		MS24627-24 (96906)											9	
X2 O		RUNNER: 161/21N. LG	EA	4									22-	24
00156		13205E5121 (97403)											9	
X2 O		RUNNER: NYLON, 61 1/21N. LG	EA	4									22-	22
00157		13205E5123(97403)											9	
O	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE	EA	16	•	•	•	•	•	•	•	•	22-	27
00158		MS27183-10(96906)											9	
PB O		REEL, CABLE	EA	2									22-	5
00159		MILR55566RC435U (81349)											11	

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00160	5305-989-7435	SCREW, MACHINE HEAD: 10-32 X 5/8 IN. LG MS35207-264 (96906)	EA	3	*	*	*	*	*	*	*	*	22-9	17
O 00161	5305-989-7434	SCREW, MACHINE, PAN HEAD: 10-32 X 3/4 IN. LG MS35207-263 (96906)	EA	4	*	*	*	*	*	*	*	*	22-10	12
P O 00162	5355-493-1849	SCREW, KNOB 13205E5148 (97403)	EA	3	*	*	*	*	*	*	*	*	22-9	20
X2 O 00163		CHAIN: 6 IN. LG RRC271TYPE1GRCC15STYLE1 (81349)	EA	1										
O 00164	4030-780-9350	HOOK, CHAIN MS87006-13 (96906)	EA	1	*	*	*	*	*	*	*	*		
O 00165	4030-946-8497	HOOK, CHAIN MS87006-23 (96906)	EA	1	*	*	*	*	*	*	*	*		
X2 O 00166		KNOB: 5/16-18 13205E5105-2 (97403)	EA	1										
X2 O 00167		PIN, U: 1/8 X 5/8 IN. LG MS171528 (96906)	EA	1										
O 00168	5305-984-5681	SCREW: 5/16-18 X 3/4 IN. MS35206-301 (96906)	EA	1	*	*	*	*	*	*	*	*		
X2 O 00169		SPACER 13205E5119-1 (97403)	EA	4									22-6	35
X2 F 00170		SPACER PLATE 13205E5144 (97403)	EA	2									22-6	38
X2 F 00171		STIFFENER 13205E5140-4 (97403)	EA	2									22-11	34
X2 O 00172		STIFFENER 13205E5151 (97403)	EA	2									22-10	11
X2 F 00173		STIFFENER 13205E5140-1 (97403)	EA	2									22-11	41
X2 F 00174		STIFFENER 13205E5140-3 (97403)	EA	1									22-11	45
X2 F 00175		SUPPORT 13205E5143 (97403)	EA	2									22-11	33
X2 O 00176		SUPPORT, MAST 13205E5099-2 (97403)	EA	2									22-11	39-1
X2 F 00177		BRACKET: ANGLE 13205E5124 (97403)	EA	2									22-6	11
X2 F 00178		BRACKET: ANGLE 13205E5118 (97403)	EA	2									22-6	18
X2 F 00179		BRACKET: ANGLE 13205E5132 (97403)	EA	2									22-6	22
O 00180	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	4	*	*	*	*	*	*	*	*	22-6	12
O 00181	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	14
O 00182	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	1	*	*	*	*	*	*	*	*	22-6	19
O 00183	5305-225-3840	CAPSCREW, HEXAGON HEAD: 1/4-20 X 7/8 IN. LG MS90725-7 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	23
O 00184	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	4	*	*	*	*	*	*	*	*	22-6	14



(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)	
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100	100 EQUIP CNTG	100 EQUIP	(a) FIG. NO.	(b) ITEM NO.
O 00185	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	16
O 00186	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	6	*	*	*	*	*	*	*	*	22-6	21
O 00187	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	25
O 00188	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS527183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	22	13
O 00189	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	15
O 00190	5310-809-4058	WASHER, FLAT: 1/41 IN. BSC SIZE MS27183-10 (96906)	EA	6	*	*	*	*	*	*	*	*	22-6	20
O 00191	5310-809-4058	WASHER, FLAT: 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	24
P 00192		SUPPORT: REEL MOUNT 13205E5110 (97403)	EA	1									22-11	6
X2 00193		SUPPORT: REEL MOUNT 13205E5111 (97403)	EA	1									22-11	56
O 00194	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906)	EA	3	*	*	*	*	*	*	*	*	22-9	18
O 00195	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906)	EA	4	*	*	*	*	*	*	*	*	22-10	13
F 00196	5310-809-4056	WASHER: FLAT, 1 41N. BSC SIZE MS27163-10 (96906)	EA	8	*	*	*	*	*	*	*	*	22-11	36
F 00197	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	22-6	33
O 00198	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	6	*	*	*	*	*	*	*	*	22-10	9
F 00199	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	14	*	*	*	*	*	*	*	*	22-11	58
O 00200	5310-809-4056	WASHER: FLAT, 1/4 IN BSC SIZE MS27183-10 (96906)	EA	4	*	*	*	*	*	*	*	*	22-11	21
F 00201	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	6	*	*	*	*	*	*	*	*	22-11	43
O 00202	5310-809-4058	WASHER: FLAT, 114 IN. BSC SIZE MS27183-10 (96906)	EA	6	*	*	*	*	*	*	*	*	22-6	9
F 00203	5310-407-9566	WASHER: FLAT, 5116 IN. BSC SIZE MS35338-45 (96906)	EA	3	*	*	*	*	*	*	*	*	22-11	4
O 00204	5310-081-4004	WASHER: FLAT, 318 IN BSC SIZE MS27183-14 (96906)	EA	4	*	*	*	*	*	*	*	*	22-12	15
O 00205	5310-081-6004	WASHER: FLAT, 1/2 IN BSC SIZE MS27183-14 (96906)	EA	1	*	*	*	*	*	*	*	*	22-6	5
X2 00206		WASHER 13205E5114 (97403)	EA	4									22-11	19
00207		GROUP 22-BODY ACCESSORY ITEMS												
00208		2202-ACCESSORY ITEMS												
X2 00209		BRACKET: FIRE EXTINGUISHER MTG 13216E7601 (97403)	EA	1									22-12	9
X2 00210		BRACKET ASSEMBLY: SLEDGE HAMMER 13214E1214 (97403)	EA	1									22-11	52

\* U. S. C. G. P. O: 1989 - 654-030/00208

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00211	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 11	53
O 00212	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 11	49
O 00213	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 11	15
O 00214	5305-068-0502	CAPSCREW, HEXAGON HEAD: 1/4-20 X 3/4 IN. LG MS90725-6 (96906)	EA	8	*	*	*	*	*	*	*	*	22- 11	26
O 00215	5305-269-3209	CAPSCREW, HEXAGON HEAD: 3/8-16 X 3/4 IN. LG MS90725-58 (96906)	EA	4	*	*	*	*	*	*	*	*	22- 12	10
O 00216	5306-225-8498	CAPSCREW, HEXAGON HEAD: 5/16-18 X 7/8 IN. LG MS90725-33 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 12	34
X2 O 002107	2590-932-7298	CLAMP, GROUND ROD 13212E3617 (97403)	EA	4									22- 11	25
X2 5 00218	5340-914-2578	CLIP, SPRING, SLEDGE HAMMER 13214E1213-1 (97403)	EA	1									22- 11	48
X2 O 00219		GUARD, CABLE 13216E7597 (97403)	EA	1									22- 11	14
O 00220	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 11	51
O 00221	5310-088-1251	NUT, SELF-LOCKING, HEXAGON: 1/4-20 THD SIZE MS51922-1 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 11	55
O 00222	5310-088-1251	NUT, SELF-LOCKING: 1/4-20 THD SIZE MS51922-1 (96906)	EA	8	*	*	*	*	*	*	*	*	22- 11	28
O 00223	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906)	EA	4	*	*	*	*	*	*	*	*	22- 12	12
O 00224	5310-984-3806	NUT, SELF-LOCKING, HEXAGON: 5/16-18 THD SIZE MS5122-9 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 12	36
X2 O 00225		PLATE: BRAKE CABLE MTG 13205E5133 (97403)	EA	1									22- 12	17
O 00226	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 11	54
O 00227	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	1	*	*	*	*	*	*	*	*	22- 11	50
O 00228	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	2	*	*	*	*	*	*	*	*	22- 11	16
O 00229	5310-809-4058	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-10 (96906)	EA	8	*	*	*	*	*	*	*	*	22- 11	27
O 00230	5310-080-6004	WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	4	*	*	*	*	*	*	*	*	22- 12	11
O 00231	5310-081-4219	WASHER: FLAT, 5/16 IN. BSC SIZE MS27183-12 (96906)	EA	1									22- 12	35
O 00232		2210 - DATA PLATES												
X2 O 00233		PLATE, IDENTIFICATION: GROUND TERMINAL 13205E4918 (97403)	EA	1									22-8	14

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)	
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION  USABLE  ON CODE  REF NUMBER & MFR CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT			30-DAY GS MAINT			1-YR ALW PER 100 EQUIP CNTGCT	DEPOT MAINT ALW PER 100 EQUIP	ILLUS- TRATION	
					ALLOWANCE			ALLOWANCE					(a) FIG. NO.	(b) ITEM NO.
					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				
X2 O 00234 O 00235 00236	5305-253-5614	PLATE, IDENTIFICATION: PU-625/G 13205E4916-19 (97403)	EA	1									22- 11	38
		SCREW, DRIVE: NO. 4-7 X .19 IN. LG MS21318-20 (96906)	EA	4	*	*	*	*	*	*	*	*	22- 11	39
		GROUP 29 - AUXILIARY GENERATORS AND ENGINES												
00237 O 00238	5305-782-9494	2901 - GENERATORS AND ENGINE ASSEMBLY CAPSCREW, HEXAGON HEAD: 1/2-13 X 1 3/4 IN. LG MS90725-114 (96906)	EA	8	*	*	*	*	*	*	*	*	22-6	27
P FR 00239		GENERATOR SET: MEP-016A MILG52367TYPE1 (81349)	EA	2	*	*	*	*	*	*	*	*	22- 11	24
O 00240		NUT, SELF-LOCKING: 1/2-13 MS51922-33 (96906)	EA	8	*	*	*	*	*	*	*	*	22-6	30
X2 O 00241 O 00242	5310-809-5998	WASHER: 1/2 IN. 13216E7602 (97403)	EA	8									22-6	29
		WASHER: 1/2 IN. NOM. SIZE MS27183-18 (96906)	EA	8	*	*	*	*	*	*	*	*	22-6	31
X2 O 00243		WASHER: BEVELED 1306E4482-2 (97403)	EA	8									22-6	28
00244 O 00245	4730-595-2834	2916 - ENGINE LUBRICATION SYSTEM ADAPTER: 1/2-20 X 1/4-18	EA	2	*	*	*	*	*	*	*	*	22-6	52
P O 00246		SAEJ514 (81343)	EA	4	*	*	*	*	*	*	*	*	22-6	58
O 00245		CLAMP MS35842-11 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	55
M O 00248	4730-908-3194	COCK, PLUG, SPRING, KEY: 1/4-18 X 1/4-18 THD SIZE MS35930-2 (96906)	2	*	*	*	*	*	*	*	*	*	22-6	57
P O 00249		HOSE: 1/2-10X 10 IN LGEA SAEJ30CL30RSTYPER1 (81343)	FT		*	*	*	*	*	*	*	*		
O 00250		HOSE: 1/2-10 IN. ID (AS REQUIRED) SAEJ30CL30RSTYPER1 (81343)	EA	2	*	*	*	*	*	*	*	*	22-6	60
O 00251	5310-584-5272	LOCK WASHER MS35332-48 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	54
O 00252		NIPPLE, CLOSE WWN351 (81348)	EA	2	*	*	*	*	*	*	*	*	22-6	53
O 00253		COUPLING: 1/4 IN. WWVP521 (81348)	EA	2	*	*	*	*	*	*	*	*	22-6	56
O 00254	4730-196-1502	NIPPLE: 1/4 IN. IPS X 1 1/2 IN. LG WWN351 (81348)	EA	2	*	*	*	*	*	*	*	*	22-6	61
O 00255		NUT AN924-5 (88044)	EA	2	*	*	*	*	*	*	*	*	22-6	51
O 00256		PACKING, PREFORMED: O RING MS28775-013 (96906)	EA	2	*	*	*	*	*	*	*	*	22-6	59
X2 O 00256	4730-277-6447	UNION: BULKHEAD AN832-5 (88044)	EA	2									22-6	59

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
F 00283	5305-988-1725	SCREW, MACHINE, PAN: HEAD: 1/4-20 X 3/4 IN. LG M35206-281 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	27
F 00284	5305-984-6214	SCREW, MACHINE, PAN, HEAD: 10-24 X1 IN. LG M3535206-267 (96906)	EA	6	*	*	*	*	*	*	*	*	22-8	33
X2 F 00285		STUFFING TUBE 13212E3582-4 (97403)	EA	2									22-8	3
P F 00286	5930-878-6722	SWITCH, ROTARY: 30 AMP 13205E5022 (97403)	EA	1	*	*	*	*	*	*	*	*	22-8	43
X2 F 00287		TERMINAL BOARD 13212E3606 (97403)	EA	1									22-8	32
X2 F 00288	5940-904-9634	TERMINAL, LOAD 132C8E5820-6 (97403)	EA	4									22-8	37
F 00289	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96916)	EA	12	*	*	*	*	*	*	*	*	22-8	34
F 00290	5310-809-8546	WASHER: FLAT, NO. IN BSC SIZE MS27183-8 (96906)	LA	16	*	*	*	*	*	*	*	*	22-8	48
F 00291	5310-809-3078	WASHER: FLAT, 1/4 IN. BSC SIZE 3527183-11 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	28
F 00292	5310-022-8834	WASHER: FLAT, 1/4 IN. NOM. SIZE	EA	4	*	*	*	*	*	*	*	*	22-8	39
F 00293	5310-045-3296	MS35333-108 (96906) WASHER: LOCK, NO. 10 NOM. SIZE	EA	16	*	*	*	*	*	*	*	*	22-8	49
F 00294	5310-045-3296	MS35338-43 (96906) WASHER: LOCK, NO. 10 NOM. SIZE	EA	6	*	*	*	*	*	*	*	*	22-8	35
F 00295	5310-184-8970	MS35338-43 (96906) WASHER: LOCK, 1/4 IN. NOM. SIZE	EA	8	*	*	*	*	*	*	*	*	22-8	40
F 00296	5310-080-6004	M35338-1301 (96906) WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	8
F 00297	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	13
X2 F 00298		STIFFENER 13205E5140-2 (97403)	EA	2									22-8	22
F 00299	5310-080-6004	WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	12
O 00300	5310-877-5797	4216 - MISCELLANEOUS WIRING AND FITTINGS NUT, SELF-LOCKING, HEXAGON: NO. 10-32 THD SIZE	EA	4	*	*	*	*	*	*	*	*	22-	64
O 00301		MS21044N3 (96906)											11	
X2 O 00302	5340-106-0552	CLAMP: LOOP, 3/4 IN. OD, TUBE M321104112 (96906)	EA	4									22-	61
O 00303	5310-918-6921	NUT, PLAIN, HEXAGON: JAM M316203-39 (96906)	EA	2	*	*	*	*	*	*	*	*	22-8	21
O 00304	5310-543-4717	NUT, PLAIN, WING: 3/8-16 THD SIZE MS35425-28 (96906)	EA	1	*	*	*	*	*	*	*	*	22-8	15
O 00305	5305-989-7435	SCREW, MACHINE: 10-32 X 5/8 IN. LG MS35207-264 (96906)	EA	4	*	*	*	*	*	*	*	*	22-	62
X2 O 00306	5307-722-9437	STUD: GROUNDING 13214E1223 (97403)	E4	1									22-8	16

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTGCT	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
F 00283	5305-988-1725	SCREW, MACHINE, PAN HEADS: 1/4-20 X 3/4 IN. LG MS35206-281 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	27
F 00284	5305-984-6214	SCREW, MACHINE, PAN HEAD: 10-24 X 1 IN. LG MS35206-267 (96906)	EA	6	*	*	*	*	*	*	*	*	22-8	33
X2 F 00285		STUFFING TUBE 13212E3582-4 (97403)	EA	2									22-8	3
P F 00286	5930-878-6722	SWITCH, ROTARY: 30 AMP 13205E5022 (97403)	EA	1	*	*	*	*	*	*	*	*	22-8	43
X2 F 00287		TERMINAL BOARD 13212E3606 (97403)	EA	1									22-8	32
X2 F 00288	5940-904-9634	TERMINAL, LOAD 13208E5820-6 (97403)	EA	4									22-8	37
F 00289	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906)	EA	12	*	*	*	*	*	*	*	*	22-8	34
F 00290	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906)	EA	16	*	*	*	*	*	*	*	*	22-8	4
F 00291	5310-809-3078	WASHER: FLAT, 1/4 IN. BSC SIZE MS27183-11 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	28
F 00292	5310-022-8834	WASHER: FLAT, 1/4 IN. NOM. SIZE MS35333-108 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	39
F 00293	5310-045-3296	WASHER: LOCK, NO. 10 NOM. SIZE MS35338-43 (96906)	EA	16	*	*	*	*	*	*	*	*	22-8	49
F 00294	5310-045-3296	WASHER: LOCK, NO. 10 NOM. SIZE MS35338-43 (96906)	EA	6	*	*	*	*	*	*	*	*	22-8	35
F 00295	5310-184-8970	WASHER: LOCK, 1/4 IN. NOM. SIZE MS35338-101 (96906)	EA	8	*	*	*	*	*	*	*	*	22-8	40
F 00296	5310-080-6004	WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	8
F 00297	5310-087-4652	NUT, SELF-LOCKING, HEXAGON: 3/8-16 THD SIZE MS51922-17 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	13
X2 F 00298		STIFFENER 13205E5140-2 (97403)	EA	2	*	*	*	*	*	*	*	*	22-8	22
F 00299	5310-080-6004	WASHER: FLAT, 3/8 IN. BSC SIZE MS27183-14 (96906)	EA	4	*	*	*	*	*	*	*	*	22-8	12
O 00300	5310-877-5797	4216 - MISCELLANEOUS WIRING AND FITTINGS NUT, SELF-LOCKING, HEXAGON: NO. 10-32 THD SIZE	EA	4	*	*	*	*	*	*	*	*	22-11	64
X2 O 00302	5340-106-0552	CLAMP: LOOP, 3/4 IN. OD, TUBE MS21104D12 (96906)	EA	4									22-11	61
O 00303	5310-918-6921	NUT, PLAIN, HEXAGON: JAM MS16203-39 (96906)	BA	2	*	*	*	*	*	*	*	*	22-8	21
O 00304	5310-543-4717	NUT, PLAIN, WING: 3/8-16 THD SIZE MS35425-28 (96906)	EA	1	*	*	*	*	*	*	*	*	22-8	15
O 00305	5305-989-7435	SCREW, MACHINE: 10-32 X 5/8 IN. LG MS35207-264 (96906)	EA	4	*	*	*	*	*	*	*	*	22-11	62
X2 O 00306	5307-722-9437	STUD: GROUNDING 13214E1223 (97403)	EA	1									22-8	16

(1)  SMR CODE	(2)  FEDERAL STOCK NUMBER	(3)  DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4)  UNIT OF MEAS	(5)  QTY INC IN UNIT	(6)  30-DAY DS MAINT ALLOWANCE			(7)  30-DAY GS MAINT ALLOWANCE			(8)  1-YR ALW PER 100 EQUIP CNTG	(9)  DEPOT MAINT ALW PER 100 EQUIP	(10)  ILLUS- TRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100			FIG. NO.	ITEM NO.
O 00307	5940-688-6010	TERMINAL LUG: CRIMP STYLE, 3/8 IN. BSC SIZE MS20659-10 (96906)	EA	2	o	o	o	o	o	o	o	o	22- 8	19
O 00308	5310-809-8546	WASHER: FLAT, NO. 10 BSC SIZE MS27183-8 (96906)	EA	4	o	o	o	o	o	o	o	o	22- 11	63
X2 O 00309	5310-187-2413	WASHER: FLAT, ELECTRIC, 3/8 IN. BSC SIZE AN961-616 (88044)	EA	1									22- 8	20
O 00310	5310-913-9776	WASHER: LOCK, 3/81 IN. NOM. SIZE MS35335-91 (96906)	EA	2	o	o	o	o	o	o	o	o	22- 8	17
O 00311	5310-913-9776	WASHER: LOCK, EXTERNAL TOOTH, 3/8 IN. BSC SIZE MS35335-91 (96906)	EA	2	o	o	o	o	o	o	o	o	22- 8	18
O 00312	6145-395-8799	WIRE, ELECTRIC: NO. 6 AWG (AS REQUIRED) QQW343TYPERBR (81348)	FT		o	o	o	o	o	o	o	o	22- 11	65
X2 00313		CABLE: 105 IN. LG 13212E3571-4 (97403)	EA	1									22- 8	1
PB O 00313	6110-400-7592	DISTRIBUTION BOX 13205E5079-3 (97403)											22- 8	23
X2 00314		CABLE: 441N. LG 13212E3570-3 (97403)	EA	1									22- 8	2
XB O 00314		BRACKET, DISTRIBUTION BOX 13205E5117(97403)											22- 8	10
														8

## CHAPTER 23 GENERATOR SET PU-650B/G

### Section I. DESCRIPTION AND DATA

#### 23-1. Description

*a. General.* The trailer mounted generator set, PU-650B/G, consists of a 60 KW, 50/60 Hertz, diesel engine driven generator, mounted on a 2 1/2 ton, two wheel modified trailer, Model M200A1 (Fig. 23-1).

*b. Function.* The generator set PU-650B/G is a mobile power unit capable of furnishing 60 KW, 50/60 Hertz power.

*c. Generator and Engine.* For description, operation and maintenance information, refer to TM 5-6115-545-12.

*d. Trailer.* For description, lubrication, and maintenance, refer to TM 9-2330-205-14.

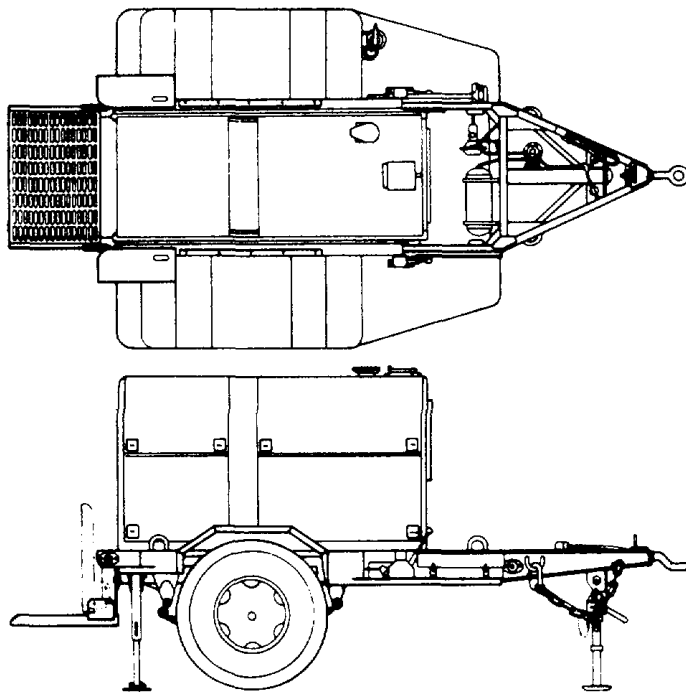


Figure 23-1. Side and top view of generator set PU-650B/G.

#### 23-2. Tabulated Data

Table 23-1 lists components for the PU-650B/G generator set.

Table 23-1. PU-650B/G Components

NSN	Qty	Nomenclature
2330-00-331-2307	1	Trailer, 2 1/2 Ton, Model M200A1
6115-00-118-1243	1	Generator Set, PU-650B/G, 60 KW, 50/60 Hz, DED, Mdl. MEP-006A
4210-00-270-4512	1	Fire Extinguisher
5975-00-878-3791	1	Ground Rod Assembly
5120-00-251-4489	1	Sledge Hammer
2910-00-066-1235	1	Adapter Assembly

## Section II. OPERATING INSTRUCTIONS

### WARNING

**Wheels must be blocked, brakes set, and leg supports down in support position before operating the equipment.**

**Never operate the generator set until it has been properly grounded. Electrical defects in the load lines or equipment can cause death by electrocution when contact is made with an ungrounded system.**

**Never operate the generator set in an inclosed area unless the exhaust gases are piped to the outside. Inhalation of exhaust fumes will result in serious illness or death.**

### 23-3. Setting-Up Instructions

#### *a. Leveling.*

(1) Locate the trailer on as level a surface as possible in order for the generator set to operate efficiently.

(2) Set brakes and block wheels securely to prevent any movement. Operate the hand brake at weekly intervals to assure freedom of linkage.

(3) Pull leg supports down and adjust length for firm contact with ground.

#### *b. Grounding.*

(1) The generator set must be grounded prior to operation. The ground may be any of three methods, depending on the location and terrain.

(a) A ground rod driven to a depth of 8 feet.

(b) An underground metallic water piping system.

(c) A metal plate (9 sq. ft.) buried at a depth of 4 feet.

(2) The ground lead must be No. 6 AWG copper wire bolted or clamped to the rod, plate or piping system.

(3) Connect the other end of the ground lead to the generator set ground stud.

### 23-4. Starting

a. Perform the pre-starting procedures described in paragraph 1-3.

b. Start the generator set as instructed in TM 5-6115-545-12.

### 23-5. Stopping

Stop the generator set as instructed in TM 5-6115-545-12.

### 23-6. Operation

Operate the generator set as instructed in TM 5-6115-545-12.



Section III. ORGANIZATIONAL REPAIR PARTS

(1) Source maintenance and recoverability code			(2) National Stock Number	(3)  Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-day organizational maint allowances				(7) Illustration	
Source	Mainten- ance	Recovera- bility					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) Fig. No.	(b) Item No.
PA	O	ZZ	5730-00-809-9703	GROUP 01 - ENGINE 0106 - ENGINE LUBRICATING SYSTEM ELBOW. OIL DRAIN MS24519-9 (96906)	EA	1						
PA	O	ZZ		HOSE, OIL DRAIN MIL-H-6000 (81349)	EA	1						
PA	O	ZZ	4730-00-908-3194	CLAMP, HOSE: Oil drain MS 35482-11 (96906)	EA	1						
				GROUP 15 - FRAME, TOWING ATTACHMENTS AND DRAWBARS 1501 - FRAME ASSEMBLY								
PA	O	ZZ	5310-00-088-1251	NUT, SELF-LOCKING, HEXA- GON: Hammer clip and bracket mtg. MS51922-1 (96906)	EA	3						
PA	O	ZZ	5310-00-809-4058	WASHER, FLAT: Hammer clip and bracket MS27183-10 (96906)	EA	3						
PA	O	ZZ	5305-00-068-0502	SCREW, CAP, HEXAGON HEAD: Hammer clip and bracket MS90725-6 (96906)	EA	3						
XB	O	ZZ		CLPP, SPRING: Hammer 13214E1213-1 (97403)	EA	1						
PA	O	ZZ	5340-00-999-6277	BRACKET ASSEMBLY, HAMMER 13214E1214 (97403)	EA	1						
PA	O	ZZ	5310-00-080-8495	NUT, PLAIN, WING MS35425-39 (96906)	EA	2						
PA	O	ZZ	5310-00-582-5965	WASHER, LOCK MS35338-44 (96906)	EA	2						
PA	O	ZZ	5310-00-809-4058	WASHER, FLAT MS27183-10 (96906)	EA	2						
XB	O	ZZ		PLATE, HOLDDOWN 13214E1216 (97403)	EA	1						
XB	O	ZZ	6115-00-450-6593	BRACKET 13214E1215 (97403)	EA	1						
XB	O	ZZ	5306-00-197-1552	BOLT, WELDING MS51934-23 (96906)	EA	2						
PA	O	ZZ	5120-00-203-4656	HAMMER GGGH86 (81348)	EA	1						
XB	O	ZZ	2510-00-947-9219	STEP, FRONT, ROAD SIDE 13214E1462 (97403)	EA	1						
XB	O	ZZ	2510-00-947-7727	STEP, FRONT, CURB SIDE 13214E1461 (97403)	EA	1						
XB	O	ZZ		STEP, REAR, ROAD SIDE 13214E1261 (97403)	EA	1						
XB	O	ZZ		STEP, REAR, CURB SIDE 13214E1259 (97403)	EA	1						
XB	O	ZZ	2510-00-924-8707	FENDER, CURB SIDE 13214E1263 (97403)	EA	1						
XB	O	ZZ	2510-00-924-8697	FENDER, ROAD SIDE 13214E1264 (97403)	EA	1						
XB	O	ZZ	2510-00-926-3517	PLATFORM 13214E1298 (97403)	EA	1						
PA	O	ZZ	5305-00-225-8499	SCREW, CAP, HEXAGON HEAD: Fender and step mtg. MS90725-34 (96906)	EA	48						
PA	O	ZZ	5310-00-087-0057	WASHER, FLAT: Fender, step and bracket mtg. MS27183-12 (96906)	EA	140						

(1) Source maintenance and recoverability code			(2) National Stock Number	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-day organizational maint allowances				(7) Illustration	
Source	Mainten- ance	Recovera- bility					(a)	(b)	(c)	(d)	(a)	(b)
							1-5	6-20	21-50	51-100	Fig. No.	Item No.
PA	O	ZZ	5310-00-984-3806	1501 - FRAME ASSEMBLY - Continued	EA	72						
XB	O	ZZ		NUT, SELF-LOCKING, HEXA- GON: Fender, step and bracket mtg. MS51922-9 (96906)	EA	1						
PA	O	ZZ	5305-00-269-3213	BRACKET, REAR STEP: Curbside 13214E1309-2 (97403)	EA	6						
PA	O	ZZ	5310-00-950-1310	SCREW, CAP, HEXAGON HEAD: Rear step bracket MS90725-62 (96906)	EA	6						
PA	O	ZZ	5310-00-087-4652	WASHER, FLAT: Rear step bracket MS27183-14 (96906)	EA	6						
XB	O	ZZ		NUT, SELF-LOCKING, HEXA- GON: Rear step bracket MS51922-17 (96906)	EA	6						
PA	O	ZZ	5305-00-225-8500	BRACKET, REAR STEP: Road- side 13214E1309-1 (97403)	EA	10						
XB	O	ZZ		SCREW, CAP, HEXAGON HEAD: Fender mtg. MS90725-35 (96906)	EA	2						
XB	O	ZZ	9520-00-945-7542	SPACER, CHANNEL 13214E1267-1 (97403)	EA	1						
PA	O	ZZ	5305-00-225-8503	CHANNEL, FRONT 13214E1268 (97403)	EA	2						
XB	O	ZZ		SCREW, CAP, HEXAGON HEAD: Channel mtg. MS90725-39 (96906)	EA	12						
XB	O	ZZ	9520-00-947-7219	SPACER, FRONT STEP 13214E1267-2 (97403)	EA	1						
XB	O	ZZ	2510-00-923-1254	CHANNEL, FRONT STEP 13214E1463 (97403)	EA	2						
XB	O	ZZ		BRACKET, BRAKE 13214E1269 (97403)	EA	2						
XB	O	ZZ	5340-00-944-2691	BRACKET, BRAKE CABLE 13214E1270 (97403)	EA	2						
XB	O	ZZ	5340-00-989-3304	STRAP, BRAKE CABLE 13214E1271 (97403)	EA	4						
XB	O	ZZ	5340-00-999-6253	SPACER, BRAKE BRACKET 13214E1272 (97403)	EA	2						
XB	O	ZZ	5340-00-087-7676	ANCHOR, PLATFORM 13214E1303 (97403)	EA	1						
XB	O	ZZ	5340-00-999-6441	BRACKET, PLATFORM: LH 13214E1299 (97403)	EA	1						
PA	O	ZZ	5305-00-042-6417	BRACKET, PLATFORM: RH 13214E1300 (97403)	EA	6						
PA	O	ZZ	5310-00-809-5998	SCREW, CAP, HEXAGON HEAD: Platform bracket MS90725-113 (96906)	EA	6						
PA	O	ZZ	5310-00-225-6993	WASHER, FLAT: Platform bracket MS27183-18 (96906)	EA	6						
PA	O	ZZ	5310-00-939-9204	NUT, SELF-LOCKING, HEXA- GON: Platform bracket MS51922-33 (96906)	EA	2						
				SCREW, CAP, HEXAGON HEAD: Platform mtg. MS90725-187 (96906)								

(1) Source maintenance and recoverability code			(2) National Stock Number	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-day organizational maint allowances				(7) Illustration	
Source	Mainten- ance	Recovers- bility					(a)	(b)	(c)	(d)	(a)	(b)
							1-5	6-20	21-50	51-100	Fig. No.	Item No.
PA	O	ZZ	5310-00-809-8533	1501 - FRAME ASSEMBLY - Continued	EA	4						
PA	O	ZZ	5310-00-067-6356	WASHER, FLAT: Platform mtg. MS27183-23 (96906)	EA	2						
XB	O	ZZ	2510-00-948-3253	NUT, SELF-LOCKING: HEXA- GON: Platform mtg. MS51922-57 (96906)	EA	1						
PA	O	ZZ		BRACKET, LIGHT 13214E1308 (97403)	EA	2						
PA	O	ZZ	5310-00-809-4058	SCREW, CAP, HEXAGON HEAD: bracket mtg. MS90725-8 (96906)	EA	2						
PA	O	ZZ	5310-00-088-1251	WASHER, FLAT: Light bracket mtg. MS27183-10 (96906)	EA	2						
PA	O	ZZ	5305-00-225-9081	NUT, SELF-LOCKING, HEXA- GON: Light bracket mtg. MS51922-1 (96906)	EA	2						
				SCREW, CAP, HEXAGON HEAD: Front step MS90725-36 (96906)								
				GROUP 18 - BODY, CAB, HOOD AND HULL								
PA	O	ZZ	5310-00-984-3806	1808 - BOXES, CARRYING CASES	EA	3						
PA	O	ZZ	5310-00-080-6004	NUT, SELF-LOCKING, HEXA- GON: Accessory box mtg. MS51922-9 (96906)	EA	3						
PA	O	ZZ	5305-00-225-8498	WASHER. FLAT: Accessory box mtg. MS27183-13 (96906)	EA	3						
XB	O	ZZ		SCREW, CAP, HEXAGON HEAD: Accessory box mtg. MS90725-33 (96906)	EA	1						
XB	O	ZZ		BOX, ACCESSORY 13214E1256 (97403)	EA	1						
XB	O	ZZ		HINGE, CONTINUOUS MS35825-ID (69606)	EA	8						
XB	O	ZZ		RIVET, SOLID: Latch mtg. MS20613-4PS (96906)	EA	2						
				LATCH AND STRIKE ASSEMBLY MS18015-1 (96906)								
				GROUP 22 - BODY CHASSIS OR HULL								
XB	O	ZZ	2910-00-066-1235	2202 - ACCESSORY ITEMS	EA	1						
XB	O	ZZ		ADAPTER, FUEL DRUM 13211E7541 (97403)	EA	1						
XB	O	ZZ	4710-00-185-6948	PIPE, EXTENSION 13211E7542 (97403)	EA	1						
XB	O	ZZ		PIPE, STAND 13211E7543 (97403)	EA	1						
XB	O	ZZ	5365-00-402-5125	WASHER, BRASS 13211E7544 (97403)	EA	1						
XB	O	ZZ		RING, SEALING 13211E7546 (97403)	EA	1						
XB	O	ZZ		WASHER, STEEL 13200E6361 (97403)	EA	1						
XB	O	ZZ	3740-00-902-1479	HEAD 13211E7548 (97403)	EA	1						

(1) Source maintenance and recoverability code			(2) National Stock Number	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-day organizational maint allowances				(7) Illustration	
Source	Mainten- ance	Recovera- bility					(a)	(b)	(c)	(d)	(a)	(b)
							1-5	6-20	21-50	51-100	Fig. No.	Item No.
XB	O	ZZ	3740-00-902-1481	2202 - ACCESSORY ITEMS - Continued CLAMP 13200E6363 (97403)	EA	1						
XB	O	ZZ		WASHER, RUBBER 13211E7547 (97403)	EA	1						
PA	O	ZZ	5310-00-209-1239	WASHER, LOCK MS35335-00 (96906)	EA	2						
PA	O	ZZ	4730-00-277-5115	NIPPLE AN816-5-4 (81352)	EA	1						
XB	O	ZZ		SCREW, SHOULDER 13211 E7545 (97403)	EA	2						
PA	O	ZZ		ROD, GROUND MIL-R-11461 (81349)	EA	2						
PA	O	ZZ		2210 - DATA PLATES SCREW, DRIVE: Identification plate mtg. MS21318-21 (96906)	EA	4						
XB	O	ZZ		PLATE, IDENTIFICATION 13216E7604-36 (97403)	EA	1						
XB	O	ZZ		PLATE, IDENTIFICATION: Ground 13205E4918 (97403)	EA	1						
PA	O	ZZ	5310-00-269-4040	GROUP 40 - ELECTRIC MO- TORS AND GENERATORS 4000 - MAJOR ASSEMBLAGE NUT, SELF-LOCKING, HEXA- GON: Generator mtg. MS51922-49 (96906)	EA	4						
PA	O	ZZ	5310-00-823-8803	WASHER, FLAT: Generator mtg. MS27183-21 (96906)	EA	4						
XB	O	ZZ		WASHER, BEVEL: Generator mtg. 13206E4482-3 (97403)	EA	4						
PA	O	ZZ	5305-00-724-7222	SCREW, CAP, HEXAGON HEAD: Generator mtg. MS90728-164 (96906)	EA	4						
PA	O	ZZ	5310-00-543-4717	4019 - RADIO INTERFERENCE SUPPRESSION NUT, PLAIN. WING: Ground stud MS35425-28 (96906)	EA	1						
PA	O	ZZ		WASHER, FLAT: Ground and AN961-616S (81352)	EA	4						
PA	O	ZZ	5310-00-187-2413	WASHER, FLAT: Ground Stud (Optional) AN961-616T (81352)	EA	4						
PA	O	ZZ	5310-00-584-7995	NUT, PLAIN, HEXAGON: Ground lead to stud MS16203-27 (96906)	EA	1						
PA	O	ZZ	5310-00-584-7996	NUT, PLAIN, HEXAGON: Stud MS16203-39 (96906)	EA	2						
PA	O	ZZ	5310-00-022-8847	WASHER. LOCK: Stud MS35333-110 (96906)	EA	2						
XB	O	ZZ	5307-00-722-9437	STUD, GROUND 13214E1223 (97403)	EA	1						
PA	O	ZZ		TERMINAL LUG: Ground stud MS20659-110 (96906)	EA	1						

Section III. ORGANIZATIONAL REPAIR PARTS

(1) Source maintenance and recoverability code			(2) National Stock Number	(3)  Description	(4) Unit of issue	(5) Quantity incorpor- ated in unit	(6) 15-day organizational maint allowances				(7) Illustration	
Source	Mainten- ance	Recovera- bility					(a)	(b)	(c)	(d)	(a)	(b)
							1-5	6-20	21-50	51-100	Fig. No.	Item No.
PA	O	ZZ		4019 - RADIO INTERFERENCE SUPPRESSION - Continued WIRE, ELECTRICAL: Ground QQW343CLASSB, TYPE C, XAR1	EA	1						
PA	O	ZZ	4210-00-270-4512	GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS 7603 - FIRE EXTINGUISHERS EXTINGUISHER, FIRE OE910 (81348)	EA	1						
PA	O	ZZ	5310-00-087-4652	NUT, SELF-LOCKING, HEXA- GON: Extinguisher bracket MS51922-17 (96906)	EA	4						
PA	O	ZZ	5310-00-080-6004	WASHER, FLAT: Extinguisher bracket MS27183-14 (96906)	EA	4						
PA	O	ZZ	5305-00-984-5691	SCREW, MACHINE: Extinguisher bracket MS352067-311 (96906)	EA	4						
XB	O	ZZ		BRACKET, FIRE EXTINGUISHER 13214E1235 (97403)	EA	1						

Section IV. DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT PARTS

(1)			(2)	(3)	(4)	(5)	(6)		(7)				(7)		
Source maintenance and recoverability code							National Stock Number	Description	Unit of issue	Quantity incorporated in unit	30-day DS maint. ALW.		30-Day GS maint. ALW		
Source	Mainten- ance	Recovera- bility						(a)	(b)	(c)	(a)	(b)	(c)	(a)	
								1-20	21-50	51-100	1-20	21-50	51-100	Fig. No.	Item No.
PA	O	ZZ	4730-00-809-9703	GROUP 01 - ENGINE 0106 - ENGINE LUBRICATING SYSTEM ELBOW, OIL DRAIN MS24519-9 (96906)	EA	1									
PA	O	ZZ		HOSE, OIL DRAIN MIL-H-6000 (81349)	EA	1									
PA	O	ZZ	4730-00-908-3194	CLAMP, HOSE: Oil drain MS35482-11 (96906)	EA	1									
				GROUP 15 - FRAME, TOWING ATTACHMENTS AND DRAWBARS											
PA	O	ZZ	5310-00-088-1251	1501 - FRAME ASSEMBLY NUT, SELF-LOCKING, HEXA- GON: Hammer clip and bracket mtg. MS51922-1 (96906)	EA	3									
PA	O	ZZ	5310-00-809-4058	WASHER, FLAT: Hammer clip and bracket MS27183-10 (96906)	EA	3									
PA	O	ZZ	5305-00-068-0502	SCREW, CAP HEXAGON HEAD: Hammer clip and bracket MS90725-6 (96906)	EA	3									
XB	O	ZZ		CLIP, SPRING: Hammer 13214E1213-1 (97403)	EA	1									
PA	O	ZZ	5340-00-999-6277	BRACKET ASSEMBLY, HAMMER 13214E1214 (97403)	EA	1									
PA	O	ZZ	5310-00-080-8495	NUT, PLAIN, WING MS35425-39 (96906)	EA	2									
PA	O	ZZ	5310-00-582-5965	WASHER, LOCK MS3533844 (96906)	EA	2									
PA	O	ZZ	5310-00-809-4058	WASHER, FLAT MS27183-10 (96906)	EA	2									
XB	O	ZZ		PLATE, HOLDDOWN 13214E1216 (97403)	EA	1									
XB	O	ZZ	6115-00-450-6593	BRACKET 13214E1215 (97403)	EA	1									
XB	O	ZZ	5306-00-197-1552	BOLT, WELDING MS51934-23 (96906)	EA	2									
PA	O	ZZ	5120-00-203-4656	HAMMER GGGH86 (81348)	EA	1									
XB	O	ZZ	2510-00-947-9219	STEP, FRONT ROADSIDE 13214E1462 (97403)	EA	1									
XB	O	ZZ	2510-00-947-7727	STEP, FRONT, CURBSIDE 13214E1461 (97403)	EA	1									
XB	O	ZZ		STEP, REAR, ROADSIDE 13214E1261 (97403)	EA	1									
XB	O	ZZ		STEP, REAR, CURBSIDE 13214E1259 (97403)	EA	1									
XB	O	ZZ	2510-00-924-8707	FENDER, CURBSIDE 13214E1263 (97403)	EA	1									
XB	O	ZZ	2510-00-924-8697	FENDER, ROADSIDE 13214E1264 (97403)	EA	1									
XB	O	ZZ	2510-00-92i-3517	PLATFORM 13214E1298 (97403)	EA	1									
PA	O	ZZ	5305-00-225-8499	SCREW, CAP, HEXAGON HEAD: Fender and step mtg. MS90725-34 (96906)	EA	48									

(1)			(2)	(3)	(4)	(5)	(6)		(7)			(7)		
Source maintenance and recoverability code							National Stock Number	Description	Unit of issue	Quantity incorporated in unit	30-day DS maint. ALW.		30-Day GS maint. ALW	
Source	Mainten- ance	Recovera- bility									(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20
PA	O	ZZ	5310-00-087-0057	WASHER, FLAT: Fender, step and bracket mtg. MS27183-12 (96906)	EA	140								
PA	O	ZZ	5310-00-984-3806	NUT, SELF-LOCKING HEXA-GON: Fender, step and bracket mtg. MS51922-9 (96906)	EA	72								
XB	O	ZZ		BRACKET, REAR STEP: Curb-side 13214E1309-2(97403)	EA	1								
PA	O	ZZ	5305-00-269-3213	SCREW, CAP, HEXAGON HEAD: Rear step bracket MS90725-62 (96906)	EA	6								
PA	O	ZZ	5310-00-950-1310	WASHER, FLAT: Rear step bracket MS27183-14 (96906)	EA	6								
PA	O	ZZ	5310-00-087-4652	NUT, SELF-LOCKING, HEXA-GON: Rear step bracket MS51922-17 (96906)	EA	6								
XB	O	ZZ		BRACKET, REAR STEP: Road-side 13214F1309-1 (97403)	EA	1								
PA	O	ZZ	5305-00-225-8500	SCREW, CAP, HEXAGON HEAD: Fender mtg. MS90725-35 (96906)	EA	10								
XB	O	ZZ		SPACER, CHANNEL 13214E1267-1 (97403)	EA	2								
XB	O	ZZ	9520-00-945-7542	CHANNEL, FRONT 13214E1268 (97403)	EA	1								
PA	O	ZZ	5305-00-225-8503	SCREW, CAP, HEXAGON HEAD: Channel mtg. MS90725-39 (96906)	EA	12								
XB	O	ZZ		SPACER, FRONT STEP 13214E1267-2 (97403)	EA	2								
XB	O	ZZ	9520-00-947-7219	CHANNEL, FRONT STEP 13214E1463 (97403)	EA	1								
XB	O	ZZ	2510-00-923-1254	BRACKET, BRAKE 13214E1269 (97403)	EA	2								
XB	O	ZZ		BRACKET, BRAKE CABLE 13214E1270 (97403)	EA	2								
XB	O	ZZ	5340-00-944-2691	STRAP, BRAKE CABLE 13214E1271 (97403)	EA	2								
XB	O	ZZ	5340-00-989-3304	SPACER, BRAKE BRACKET 13214F1272 (97403)	EA	4								
XB	O	ZZ	5340-00-999-6253	ANCHOR, PLATFORM 13214E1303 (97403)	EA	2								
XB	O	ZZ	5340-00-087-7676	BRACKET, PLATFORM: LH 13214E1299 (97403)	EA	1								
XB	O	ZZ	5340-00-999-6441	BRACKET, PLATFORM: RH 13214E1300 (97403)	EA	1								
PA	O	ZZ	5305-00-042-6417	SCREW, CAP, HEXAGON HEAD: Platform bracket MS90725-113 (96906)	EA	6								
PA	O	ZZ	5310-00-809-5998	WASHER, FLAT: Platform bracket MS27183-18 (96906)	EA	6								
PA	O	ZZ	5310-00-225-6993	NUT, SELF-LOCKING, HEXA-GON: Platform bracket MS51922-33 (96906)	EA	6								

(1)			(2)	(3)	(4)	(5)	(6)		(7)			(7)		
Source maintenance and recoverability code							National Stock Number	Description	Unit of issue	Quantity incorporated in unit	30-day DS maint. ALW.		30-Day GS maint. ALW	
Source	Mainten- ance	Recovera- bility									(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20
PA	O	ZZ	5305-00-939-9204	SCREW, cap, HEXAGON HEAD: Platform mtg. MS90725-187 (96906)	EA	2								
PA	O	ZZ	5310-00-809-8533	WASHER, FLAT: Platform mtg. MS27183-23 (96906)	EA	4								
PA	O	ZZ	5310-00-067-6356	NUT, SELF-LOCKING HEXA- GON: Platform mtg. MS51922-57 (96906)	EA	2								
XB	O	ZZ	2510-00-948-3253	BRACKET, LIGHT 13214E1308 (97403)	EA	1								
PA	O	ZZ		SCREW, CAP, HEXAGON HEAD: Light bracket mtg. MS90725-8 (96906)	EA	2								
PA	O	ZZ	5310-00-809-4058	WASHER, FLAT: Light bracket mtg. MS27183-10 (96906)	EA	2								
PA	O	ZZ	5310-00-088-1251	NUT, SELF-LOCKING, HEXA- GON: Light bracket mtg. MS51921-1 (96906)	EA	2								
PA	O	ZZ	5305-00-225-9081	SCREW, CAP, HEXAGON HEAD: Front step MS90725-36 (96906)	EA	2								
				GROUP 18 - BODY CAB, HOOD AND HULL 1808 - BOXES, CARRYING CASES										
PA	O	ZZ	5310-00-984-3806	NUT, SELF-LOCKING, HEXA- GON: Accessory box mtg. MS51922-9 (96906)	EA	3								
PA	O	ZZ	5310-00-080-6004	WASHER, FLAT: Accessory box mtg. MS27183-13 (96906)	EA	3								
PA	O	ZZ	5305-00-225-8498	SCREW, CAP, HEXAGON HEAD: Accessory box mtg. MS90725-33 (96906)	EA	3								
XB	O	ZZ		BOX, ACCESSORY 13214E1256 (97403)	EA	1								
XB	O	ZZ		HINGE, CONTINUOUS MS35825-1D (96906)	EA	1								
XB	O	ZZ		RIVET, SOLID: Latch mtg. MS20613-4PS (96906)	EA	8								
XB	O	ZZ		LATCH AND STRIKE ASSEMBLY MS18015-1 (96906)	EA	2								
				1810 - CARGO BODY										
XB	F	FD	2330-00-331-2307	TRAILER 13214E1257 (97403)	EA	1								
XB	F	FD		CHASSIS 13214E1258 (97403)	EA	1								
				GROUP 22 - BODY CHASSIS OR HULL, AND ACCESSORY ITEMS 2202 - ACCESSORY ITEMS										
XB	O	ZZ	2910-00-066-1235	ADAPTER. FUEL RRUM 13211E7541 (97403)	EA	1								
XB	O	ZZ		PIPE, EXTENSION 13211E7542 (97403)	EA	1								
XB	O	ZZ	4710-00-185-6948	PIPE, STAND 13211E7543 (97403)	EA	1								



(1)			(2)	(3)	(4)	(5)	(6)		(7)			(7)			
Source maintenance and recoverability code							National Stock Number	Description	Unit of issue	Quantity incorporated in unit	30-day DS maint. ALW.		30-Day GS maint. ALW		
Source	Mainten- ance	Recovera- bility									(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50
XB	O	ZZ	5365-00-402-5125	2202-ACCESSORY ITEMS-Cont WASHER, BRASS 13211E7544 (97403)	EA	1									
XB	O	ZZ		RING, SEALING 13211E7546 (97403)	EA	1									
XB	O	ZZ		WASHER, STEEL 13200E6361 (97403)	EA	1									
XB	O	ZZ	3740-00-902-1479	HEAD 13211E7548 (97403)	EA	1									
XB	O	ZZ	3740-00-902-1481	CLAMP 13200E6363 (97403)	EA	1									
XB	O	ZZ		WASHER, RUBBER 13211E7547 (97403)	EA	1									
PA	O	ZZ	5310-00-209-1239	WASHER, LOCK MS35335-60 (96906)	EA	2									
PA	O	ZZ	4730-00-277-5115	NIPPLE AN816-5-4 (81352)	EA	1									
XB	O	ZZ		SCREW, SHOULDER 13211E7545 (97403)	EA	2									
PA	O	ZZ		ROD, GROUND MIL-R-11461 (81349)	EA	2									
PA	O	ZZ		2210 - DATA PLATES SCREW, DRIVE: Identification plate mtg. MS21318-21 (96906)	EA	4									
XB	O	ZZ		PLATE, IDENTIFICATION 13216E7604-36 (97403)	EA	1									
XB	O	ZZ		PLATE, IDENTIFICATION: Ground 13205E4918 (97403)	EA	1									
PA	O	ZZ	5310-00-269-4040	GROUP 40 - ELECTRIC MO- TORS AND GENERATORS 4000 - MAJOR ASSEMBLAGE NUT, SELF-LOCKING, HEXA- GON: Generator mtg. MS51922-49 (96906)	EA	4									
PA	O	ZZ	5310-00-823-8803	WASHER, FLAT: Generator mtg. MS27183-21 (96906)	EA	4									
XB	O	ZZ		WASHER, BEVEL: Generator mtg. 13206E448-2-3 (97403)	EA	4									
PA	O	ZZ	5305-00-724-7222	SCREW, CAP, HEXAGON HEAD: Generator mtg. MS90728-164 (96906)	EA	4									
PA	F	FD	6115-00-118-1243	GENERATOR, DIESEL ENGINE MIL-C-52884-8 (81349) 4019 - RADIO INTERFERENCE SUPPRESSION	EA	1									
PA	O	ZZ	5310-00-543-4717	NUT, PLAIN, WING: Ground stud MS35425-28 (96906)	EA	1									
PA	O	ZZ		WASHER, FLAT: Ground stud AN961-616S (81352)	EA	4									
PA	O	ZZ	5310-00-187-2413	WASHER, FLAT: Ground stud (Optional) AN961-616T (81352)	EA	4									
PA	O	ZZ	5310-00-584-7995	NUT, PLAIN, HEXAGON: Ground lead to stud MS16203-27 (96906)	EA	1									
PA	O	ZZ	5310-00-584-7996	NUT, PLAIN, HEXAGON: Stud MS16203-39 (96906)	EA	2									

(1)			(2)	(3)	(4)	(5)	(6)		(7)			(7)			
Source maintenance and recoverability code							National Stock Number	Description	Unit of issue	Quantity incorporated in unit	30-day DS maint. ALW.		30-Day GS maint. ALW		
Source	Mainten- ance	Recovera- bility						(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100	(a) Fig. No.	Item No.
PA	O	ZZ	5310-00-022-8847	4019-RADIO INTERFERENCE SUPPRESSION-Continued	EA	2									
XB	O	ZZ	5307-00-722-9437	WASHER, LOCK: Stud MS35333-110 (96906)	EA	1									
PA	O	ZZ		STUD, GROUND 13214E1223 (97403)	EA	1									
PA	O	ZZ		TERMINAL, LUG: Ground stud MS20659-110 (96906)	EA	1									
PA	O	ZZ		WIRE, ELECTRICAL: Ground QQW343CLASSB, TYPE C. XAR1	EA	1									
PA	O	ZZ	4210-00-270-4512	GROUP 76 - FIRE FIGHTING EQUIPMENT COMPONENTS 7603 - FIRE EXTINGUISHERS	EA	1									
PA	O	ZZ	5310-00-087-4652	EXTINGUISHER, FIRE: OE910 (81348)	EA	4									
PA	O	ZZ	5310-00-080-6004	NUT, SELF-LOCKING, HEXA- GON: Extinguisher bracket MS51922-17 (96906)	EA	4									
PA	O	ZZ	5305-00-984-5691	WASHER, FLAT: Extinguisher bracket MS27183-14 (96906)	EA	4									
XB	O	ZZ		SCREW., MACHINE: Extinguisher bracket MS35206-311 (96906)	EA	4									
				BRACKET, FIRE EXTINGUISH- ER 13214E1235 (97403)	EA	1									

## APPENDIX A REFERENCES

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### A-1. Fire Protection

TB 5-4200-200-10	Hand Portable Fire Extinguishers Approved for Army Users
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### A-2. Lubrication

C9100IL	Fuels, Lubricants, Oils, and Waxes
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Refer to appropriate Lubrication Orders and Manuals listed in respective chapters for lubrication instructions applicable.

### A-3. Operating Instructions

TM 5-766	Electric Power Generators in the Field
----------	--

Refer to appropriate manuals listed in respective chapters for operating instructions applicable to generator sets.

### A-4. Maintenance

TM 5-764	Electric Motor and Generator Repair
----------	-------------------------------------

TM 9-6140-200-15	Operation and Organizational, field, and depot maintenance: Storage batteries, lead-acid type
------------------	---

TM 11-483	Radio Interference Suppression
-----------	--------------------------------

DA PAM 738-750	The Army Maintenance Management System
----------------	--

### A-5. Shipment and Storage

SB 38-100	Army Preservation, Packing and Marking Materials, Supplies, and Equipment
-----------	---

TM 38-230-1	Preservation, packing, and packing of military supplies and equipment (Vol 1).
-------------	--

TM 740-90-1	Administrative Storage of Equipment
-------------	-------------------------------------

### A-6. Demolition

TM 750-244-3	Procedures for destruction of equipment to prevent enemy use (Mobility equipment Command)
--------------	---

## APPENDIX B BASIC ISSUE ITEMS LIST AND ITEMS TROOP INSTALLED OR AUTHORIZED

### Section I. INTRODUCTION

#### B1. Scope

This appendix lists items required by the operator for operation of the generator set.

#### B-2. General

This list is divided into the following sections:

*a. Basic Issue Items List - Section II.* Not applicable.

*b. Items Troop Installed or Authorized List Section III.* A list of items in alphabetical sequence, which at the discretion of the unit commander may accompany the generator set. These items are not subject to turn-in with the generator set when evacuated.

#### B-3. Explanation of Columns

The following provides an explanation of columns in the tabular list of items troop installed or authorized, section III.

*a. Source, Maintenance, and Recoverability Code(s) (SMR):*

(1) *Source Code.* This code indicates the source for the listed item. Source codes are:

Code	Explanation
P	Repair parts, special tools, and test equipment supplied from GSA/DSA or Army supply system and authorized for use at indicated maintenance levels.
P2	Repair parts, special tools, and test equipment which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system.

(2) *Maintenance code.* This code indicates the lowest level of maintenance authorized to install the listed item. The maintenance level code is:

Code	Explanation
C	Crew/Operator
(3)	<i>Recoverability code.</i> This code indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are non-recoverable. Recoverability codes are:

Code	Explanation
R	Applied to repair parts (assemblies and components), special tools, and test equipment-which are considered economically repairable at direct and general support maintenance levels.
S	Repair parts, special tools, test equipment, and assemblies which are economically repairable at DSU and GSU activities and which normally are furnished by supply on an exchange basis.

*b. Federal Stock Number.* This column indicates the Federal stock number assigned to the item. This number will be used for requisitioning purposes.

*c. Description.* This column indicates the Federal item name and any additional description of the item required.

*d. Unit of Measure (U/M).* A 2-character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based: e.g., ft, ea, etc.

*e. Quantity Authorized.* This column indicates the quantity of the item authorized to be used with the equipment.

## Section III. ITEMS TROOP INSTALLED OR AUTHORIZED LIST

(1) SMR code	(2) Federal stock Number	(3) Description Ref. No. & Mfr code	(4) Unit of meas Usable on code	(5) Qty auth
PC	2910-066-1235	ADAPTER, Drum	ea	1
PC	7520-559-9618	CASE, Maintenance and operation manuals.	ea	1
PC	5935-00-258-9156	CONNECTOR, Plug	ea	1
PC*	4210-270-4512	EXTINGUISHER, Fire	ea	1
PC	4210-555-8837	EXTINGUISHER, Fire	ea	1
PC	4720-021-3320	HOSE ASSY, Auxiliary fuel	ea	1
PC	5975-878-3791	ROD ASSY, Ground	ea	1
PC	5120-01-013-1676	HAMMER, SLIDE, Ground	ea	1

\*Applies to PU-401/M, FSN 6115-823-2217  
 PU-402/M, FSN 6115-722-3760  
 PU-406/M, FSN 6115-738-6342  
 PU-495/G, FSN 6115-823-2218  
 PU-551/G, FSN 6115-889-1307  
 PU-625/G, FSN 6115-873-3915

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## APPENDIX C

## MAINTENANCE

## Section I. INTRODUCTION

**C-1. General**

a. This section provides a general explanation of all maintenance and repair functions authorized at various maintenance levels.

b. Section II designates overall responsibility for the performance of maintenance functions on the identified item or component. The implementation of the maintenance functions upon the end item or component will be consistent with the assigned maintenance functions.

c. Section III contains supplemental instructions, explanatory notes and/or illustrations required for a particular maintenance function.

**C-2. Explanation of Columns in Section II**

a. *Group Number.* The functional group is a numerical group set up on a functional basis. The applicable functional grouping indexes are listed on the MAC in the appropriate numerical sequence.

b. *Functional Group.* This column contains a brief description of the components of each functional group.

c. *Maintenance Functions.* This column lists the various maintenance functions (A through K) and indicates the lowest maintenance level authorized to perform these functions. The symbol designations for the various maintenance levels are as follows:

- C - Operator or crew
- O - Organizational maintenance
- F - Direct support maintenance
- H - General support maintenance
- D - Depot maintenance

The maintenance functions are defined as follows:

A - INSPECT. To determine serviceability of an item by comparing its physical, mechanical, and electrical characteristics with established standards.

B - TEST. To verify serviceability and to detect electrical or mechanical failure by use of test equipment.

C - SERVICE. To clean, to preserve, to charge, to paint, and to add fuel, lubricants, cooling agents, and air.

D - ADJUST. To rectify to the extent necessary to bring into proper operating range.

E - ALIGN. To adjust specified variable elements of an item to bring to optimum performance.

F - CALIBRATE. To determine the corrections to be made in the readings of instruments or test equipment used in precise measurement. Consists of the comparisons of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy, of the instrument being compared with the certified standard.

G - INSTALL. To set up for use in an operational environment such as an emplacement, site, or vehicle.

H - REPLACE. To replace unserviceable items with serviceable assemblies, subassemblies, or parts.

I - REPAIR. To restore an item to serviceable condition. This includes, but is not limited to, inspection, cleaning, preserving, adjusting, replacing, welding, riveting, and strengthening.

J - OVERHAUL. To restore an item to a completely serviceable condition as prescribed by maintenance serviceability standards using the Inspect and Repair Only as Necessary (IROAN) technique.

K - REBUILD. To restore an item to a standard as nearly as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or unserviceable elements (items) using original manufacturing tolerances and

specifications and subsequent reassembly of the item.

*d. Tools and Equipment.* This column is not applicable.

*e. Remarks.* This column is provided for referencing by code the remarks (section III) pertinent to the maintenance functions.

The first letter references column 5 and the second letter references a maintenance function, column 3, A through K.

*b. Remarks.* This column lists information pertinent to the maintenance function being performed, as indicated on the **MAC**, section II.

### **C-3. Explanation of Columns in Section III.**

*a. Reference Code.* This column consists of two letters separated by a dash, both of which are references to section II.

# Section II. MAINTENANCE ALLOCATION CHART

TM 5-6115-365-15  
C3

(1)	(2)	(3) Maintenance Functions												(4)	(5)
Group No.	Functional Group	A	B	C	D	E	F	G	H	I	J	K	Tools and Equipment	Remarks	
		Inspect	Test	Service	Adjust	Align	Calibrate	Install	Replace	Repair	Overhaul	Rebuild			
01	ENGINE														
0100	Engine Assembly		C						F	F				A	
03	FUEL SYSTEM														
0306	Tanks, Lines, Fittings	O							O					B	
06	ELECTRICAL SYSTEM														
0608	Miscellaneous Trailer Wiring	O							O						
15	FRAME														
1501	Frame Assembly								D						
1507	Leveling Jacks	O							O	F					
18	BODY														
1808	Stowage Racks, Boxes, Cable Reels								O	O					
1810	Cargo Body								D	D					
22	BODY ACCESSORY ITEMS														
2201	Canvas Items	O							O	F					
2202	Accessory Items								O	O					
2210	Data Plates	O							O						
29	AUXILIARY GENERATOR AND ENGINE														
2901	Generator Assembly			C					F	F				C	
2916	Engine Lubrication System			C					O						



(1)	(2)	(3) Maintenance Functions												(4)	(5)
Group No.	Functional Group	A	B	C	D	E	F	G	H	I	J	K	Tools and Equipment	Remarks	
		Inspect	Test	Service	Adjust	Align	Calibrate	Install	Replace	Repair	Overhaul	Rebuild			
2941	Engine Exhaust								O	O				C	
40	ELECTRIC GENERATORS														
4000	Generator Set								F	F					
42	ELECTRICAL EQUIPMENT														
4202	Electrical Controls								F	F					
4216	Miscellaneous Wiring and Fittings								O	O					

**Section III. REMARKS**

Reference Code	Remarks
A-I	Refer to applicable Generator TM for engine replacement and refer to applicable Engine TM for engine repair.
B-H	Applies to PU-375B/G, PU-625/G, PU-628G, PU-629/G, PU-631/G, and PU-656/G
C-H	Remove and install the generator and engine as a single unit.

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NG: State AG (3).

USAR: Same as active Army except allowance is one copy to each unit.

For explanation of abbreviations used, see AR 320-50.

