

# Manitowoc

## SERVICE MANUAL

This manual has been prepared for and is considered part of -

**660 Hoist**

Crane Model No.

**1128**

Crane Serial No.

This manual is divided into the following sections:

|                  |                    |
|------------------|--------------------|
| <b>SECTION 1</b> | General            |
| <b>SECTION 2</b> | Attachment         |
| <b>SECTION 3</b> | Maintenance        |
| <b>SECTION 4</b> | Lubrication        |
| <b>SECTION 5</b> | Capacities         |
| <b>SECTION 6</b> | Operating Controls |
| <b>SECTION 7</b> | Adjustments        |
| <b>SECTION 8</b> | Troubleshooting    |

### NOTICE

The crane serial number is the only method your distributor or the factory has of providing correct parts and service to service problems.

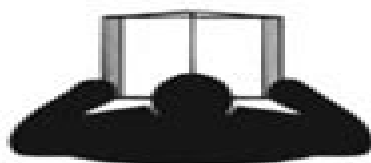
The crane's serial number is located on a decal attached to the operator's seat. You must furnish crane serial number when ordering parts or communicating service problems with your distributor or the factory.



## WARNING

### To prevent death or serious injury:

- Avoid unsafe operation and maintenance.
- This crane must be operated and maintained by trained and experienced personnel. Manitowoc Cranes is not responsible for qualifying these personnel.
- Do not operate or work on this crane without first reading and understanding Operator's Manual and Capacity Charts supplied with crane.
- Store Operator's Manual supplied with crane in holder in operator's cab.
- Attach laminated Capacity Charts supplied with crane to chain in operator's cab.
- If Operator's Manual or Capacity Charts are missing from cab, contact your distributor for new ones.



# Manitowoc Series 150 Service Manual

**C Cleary**



## **Manitowoc Series 150 Service Manual:**

Manuals Combined: 150+ U.S. Army Navy Air Force Marine Corps Generator Engine MEP APU Operator, Repair And Parts Manuals , Over 36 000 total pages Just a SAMPLE of the CONTENTS by File Number and TM Number 013511 TM 5 6115 323 24P 4 GENERATOR SET GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULAR FRAME 1 5 K SINGLE PHASE AC 120 240 V 28 VDC LESS ENGINE DOD MODELS MEP 015A 60 HZ NSN 6115 00 889 1446 AND DOD MODEL MEP 025A 28 VDC 6115 00 017 8236 TO 35C2 3 385 4 SL 4 07609A 07610A 013519 TM 5 6115 329 25P 1 GENERATOR SET GASOLINE ENGINE DR LESS ENGINE 0 5 KW AC 120 240 V 60 HZ 1 PHASE DOD MODEL FSN 6115 923 4469 400 HZ MODEL MEP 019A 6115 940 7862 AN DC MODEL MEP 024A 6115 940 7867 TO 35C2 3 440 14 013537 TM 5 6115 457 12 7 GENERATOR SET ENGINE DRIVEN TACTICAL SKID MTD 100 KW 3 PHASE 4 WIRE 120 240 416 V DOD MODELS MEP 007A UTILITY CLASS 50 60 HZ NSN 6115 00 133 9101 MODEL MEP 106A PRECISE CLASS 50 60 H 6115 00 133 9102 MODEL MEP 116A PRECISE CLASS 400 KW 6115 00 133 9103 INCLUDING OPTIONAL KITS MODEL MEP 007 AWF WINTERIZATION KIT FUEL BURNING 6115 00 463 9082 MEP 007AWE WINTERIZATION KIT ELECTRIC 6115 00 463 9084 MODEL MEP 007A DUMMY LOAD KIT 6115 00 463 9086 AND MODEL MEP 007AWM WHEEL 013538 TM 5 6115 457 34 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID 100 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODELS MEP0 UTILITY CLASS 50 60 HZ NSN 6115 00 133 9101 MODEL MEP106A CLASS 50 60 HZ 6115 00 133 9102 AND MODEL MEP116A PRECISE 400 HZ 6115 00 133 9103 INCLUDING OPTIONAL KITS DOD MODELS MEP007AWF WINTERIZATION KIT FUEL BURNING 6115 00 463 9082 MEP007AWE WINTERIZATION KIT ELECTRIC 6115 00 463 9084 MOD MEP007ALM DUMMY LOAD KIT 6115 00 463 9086 AND MODEL MEP007A MOUNTING KIT 6 013540 TM 5 6115 458 24P 9 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 2 KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD MODELS MEP009A UTILITY CLASS 50 60 HZ NSN 6115 00 133 9104 AND MODEL MEP108A PRECISE CLASS 50 60 HZ 6115 00 935 8729 INCLUDING OPTIONAL K DOD MODELS MEP009AWF WINTERIZATION KIT FUEL BURNING 6115 00 403 3761 MODEL MEP009AWE WINTERIZATION KIT ELECTRIC 6115 00 489 7285 013545 TM 5 6115 465 12 19 GENERATOR DIESEL ENGINE DRIVEN TACTICAL SKID MTD 30 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODEL MEP 005A UTILITY CLASS 50 6 NSN 6115 00 118 1240 MODEL MEP 104A PRECISE CLASS 50 60 6115 00 118 1247 MODEL MEP 114A PRECISE CLASS 400 HZ 6115 00 118 1248 INCLUDING AUXILIARY EQUIPMENT DOD MODEL MEP WINTERIZATION KIT FUEL BURNING 6115 00 463 9083 MODEL MEP WINTERIZATION KIT ELECTRIC 6115 00 463 9085 MODEL MEP 005A LOAD BANK KIT 6115 00 463 9088 AND MODEL MEP 005AWM WH 013547 TM 5 6115 465 34 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTIC SKID MTD 30 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MO MEP 005A UTILITY 50 60 HZ NSN 6115 00 118 1240 MODEL MEP 104A PRECISE 50 60 HZ 6115 00 118 1247 MODEL MEP 114 PRECISE 50 60 HZ 6115 00 118 1248 INCLUDING OPTIONAL KITS MODEL MEP 005AWF WINTERIZATION KIT FUEL

BURNING 6115 00 463 MODEL MEP 005AWE WINTERIZATION KIT ELECTRIC 6115 00 463 908 MODEL MEP 005ALM  
LOAD BANK KIT 6115 00 463 9088 MODEL MEP WHEEL MOUNTING KIT 6115 00 013548 TM 5 6115 545 12 18  
GENERATOR DIESEL ENGINE DRIVEN TACTICAL SKID MTD 60 KW 3 PHASE 4 WIR 120 208 AND 240 416 VOLTS DOD  
MODEL MEP 006A UTILITY CLASS 5 NSN 6115 00 118 1243 DOD MODEL MEP 105A PRECISE CLASS 50 60 6115 00 118  
1252 DOD MODEL MEP 115A PRECISE CLASS 400 HZ 6115 00 118 1253 INCLUDING OPTIONAL KITS DOD MODEL  
MEP006AWF WINTERIZATION KIT FUEL BURNING 6115 00 407 8314 DOD MODEL MEP006AWE WINTERIZATION KIT  
ELECTRIC 6115 00 455 7693 DOD M MEP006ALM LOAD BANK KIT 6115 00 407 8322 DOD MODEL MEP006 013550 TM 5  
6115 545 34 12 INTERMEDIATE FIELD DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE MANUAL FOR  
GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MTD 60 KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD  
MODELS MEP 006A UTILITY CLASS 50 60 HZ FSN 6115 118 1243 MEP 105A PRECISE CLASS 50 60 HZ 6115 118 1252  
AND MEP 115A PRECISE CLASS 400 HZ 6115 118 1253 TO 35C2 3 444 2 NAVFAC P 8 626 34 TM 00038G 35 015378 TM 5  
6115 323 14 10 GENERATOR GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULAR FRAME 1 5 KW SI PHASE AC 120  
240 V 28 V DC LESS ENGINE DOD MODELS MEP 01 60 HZ NSN 6115 00 889 1446 AND MODEL MEP 025A 28 V DC 6115  
00 017 8236 TO 35C2 3 385 1 015380 TM 5 6115 332 24P 3 GENERATOR GASOLINE ENGINE AIR COOLED 5 KW AC 120  
240 V SINGLE PHASE 120 208 V 3 PHASE SKID MOUNTED TUBULAR FRAME LESS ENGINE M DESIGN 60 HZ DOD  
MODEL MEP 017A NSN 6115 00 017 8240 400 DOD MODEL MEP 022A 6115 00 017 8241 TO 35C2 3 424 24 020611 LO 5  
6115 457 12 GENERATOR SET DIESEL ENGINE DRIVEN SKID MTD 100 KW 3 PHASE 120 208 AND 240 416 V DOD  
MODELS MEP 007A UTILITY CLASS 50 NSN 6115 00 133 9101 MODEL MEP 106A PRECISE CLASS 50 60 H 6115 00 133  
9102 AND MODEL MEP 116A PRECISE CLASS 400 HZ 6115 00 133 9103 020612 LO 5 6115 458 12 GENERATOR SET  
DIESEL ENGINE DRIVEN SKID MTD 200 KW 3 PHASE 4 WIRE 120 208 416 VOLTS DOD MODELS MEP 009A UTILITY  
CLASS 50 60 HERTZ NSN 6115 00 133 9104 MEP 108A PRECISE CLASS 50 HERTZ 6115 00 935 8729 LO 07536A 12  
020614 LO 5 6115 465 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MOUNTED 30 3 PHASE 4 WIRE 120  
206 AND 240 416 V DOD MODEL MEP 055A UT CLASS 50 60 HZ NSN 6115 00 118 1240 MODEL MEP 104A PRECI CLASS  
50 60 HZ 6115 00 118 1247 AND MODEL 114A PRECISE CLA 400 HZ 6115 00 118 1248 025150 TM 5 6115 271 14 12  
GENERATOR SET GASOLINE ENGINE DRIVEN S MTD TUBULAR FRAME 3 KW 3 PHASE AC 120 208 AND 120 240 V 2 DC  
LESS ENGINE DOD MODEL MEP 016A 60 HZ NSN 6115 00 017 823 MODEL MEP 016C 60 HZ 6115 00 143 3311 MODEL  
MEP 021A 400 HZ 6115 00 017 8238 MODEL MEP 021C 400 HZ 6115 01 175 7321 MODEL MEP 026A DC HZ 6115 00 017  
8239 MODEL MEP 026C 28 V DC 6115 01 175 7320 TO 35C2 3 386 1 TM 05926A 14 NAVFAC P 8 6 025151 TM 5 6115 271  
24P 3 GENERATOR SET GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULA FRAME 3 KW 3 PHASE AC 120 208 AND  
120 240 VOLTS 28 VDC LE ENGINE DOD MODEL MEP 016A 60 HERTZ NSN 6115 00 017 8237 MEP 021A 400 HERTZ 6115

00 017 8238 MEP 026A 28 VDC HERTZ 6115 00 017 8239 MEP 016C 60 HERTZ 6115 01 143 3311 MEP 400 HERTZ 6115  
01 175 7321 MEP 026C 28 VDC HERTZ 6115 01 175 7320 TO 35C2 3 386 4 SL 4 05926A 032507 TM 5 6115 275 14 10  
GENERATOR SET GASOLINE ENGINE DRIVEN SKID MOUNTED TUBULAR FRAME 10 KW AC 120 208V PHASE AND 120  
240V SINGLE PHASE LESS ENGINE DOD MODELS MEP HZ NSN 6115 00 889 1447 AND MEP 023A 400 HZ 6115 00 926  
08 NAVFAC P 8 615 14 TO 35C2 3 452 1 THIS ITEM IS INCLUDED ON EM 0086 EM 0088 D MEP 018A UTILITY CLASS 60  
HZ NSN 6115 00 889 1447 AND MEP 0 PRECISE CLASS 400 HZ 6115 00 926 0843 NAVFAC P8 615 24P TO 35C2 3 452 4  
THIS ITEM IS INCLUDED ON EM 0086 EM 0088 1 PHASE 3 WIRE 3 PHASE 4 WIRE 120 120 240 AND 120 208 V DOD  
MODEL MEP 002A UTILITY CLASS 60 HZ NSN 6115 00 465 1044 NAVFAC P 8 622 12 TO 35C2 3 456 1 TM 05682C 12  
032640 TM 5 6115 585 12 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 10 KW 1 PHASE 2 WIRE 1  
PHASE 3 WIRE AND 3 PHASE 4 WIRE 120 120 240 AND 120 208 V DOD MODEL MEP 003A UTILITY CLASS 60 HZ NSN  
6115 00 465 1030 AND MODEL MEP 112A UTILITY CLASS 400 HZ 6115 00 465 1027 NAVFAC P 8 623 12 TO 35C2 3 455 1  
TM 05684C 05685B 12 032781 TM 5 6115 584 34 8 GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MOUNTED 5  
KW 1 PHASE 2 WIRE 1 PHASE 3 WIRE 3 PHASE 4 WIRE 120 120 240 AND 120 208 V DOD MODEL MEP 002A UTILITY CLASS NSN  
6115 00 465 1044 NAVFAC P 8 622 34 TO 35C2 3 456 2 TM 0568C 34 032936 TM 5 6115 329 14 4 GENERATOR SET  
GASOLINE ENGINE DRIVEN 0 5 KW LESS ENGINE DOD MODEL MEP 014 UTILITY CLASS 60 HZ NSN 6115 00 923 4469  
DOD MODEL MEP 01 UTILITY CLASS 400 HZ 6115 00 940 7862 AND DOD MODEL MEP 024 UTILITY CLASS 28 VDC 6115  
00 940 7867 TO 35C2 3 440 1 033374 TM 5 6115 332 14 10 GENERATOR SET TAC GASOLINE ENGINE AIR COOLED 5 KW  
AC 120 240 V SINGLE PHASE V 3 PHASE SKID MOUNTED TUBULAR FRAME LESS ENGINE MILITARY DOD MODEL MEP  
017A UTILITY 60 HZ NSN 6115 00 017 8240 AND MODEL MEP 022A UTILITY 400 HZ 6115 00 017 8241 NAVFAC P 8 614  
14 TO 35C2 3 424 1 033750 TM 5 6115 585 34 9 GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MOUNTED 10 KW  
1 PHASE 2 WIRE 1 PHASE 3 WIRE 3 PHASE 4 WIRE 120 120 240 AND 120 208 VOLTS DOD MODEL MEP 003A UT CLASS  
60 HZ NSN 6115 00 465 1030 NAVFAC P 8 623 12 TO 35C2 3 455 2 TM 05684C 05685B 34 034072 TM 5 6115 585 24P 5  
GENERATOR SET DIESEL ENGINE DRIVEN TA SKID MTD 10 KW 1 PHASE 2 WIRE 1 PHASE 3 WIRE 3 PHASE 4 W 120 120  
240 AND 120 208 V DOD MODELS 003A UTILITY CLASS 60 NSN 6115 00 465 1030 AND MODEL MEP 112A UTILITY  
CLASS 400 6115 00 465 1027 NAVFAC P 8 623 24P TO 35C2 3 455 4 SL 4 05684C 06585B 040180 TM 5 6115 584 12 HR  
HAND RECEIPT MANUAL COVERING END ITEM COMPONENTS OF END ITEM C BASIC ISSUE ITEMS BII AND  
ADDITIONAL AUTHORIZATION LIST AAL GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 5 KW 1 WIRE  
1 PH 3 WIRE 3 PH 4 WIRE 120 120 240 AND 120 208 V D MEP 002A UTILITY CLASS 60 HZ NSN 6115 00 465 1044 040833  
TM 5 6115 458 12 HR HAND RECEIPT MANUAL COVERING THE END ITEM COMPONENTS OF END ITE BASIC ISSUE  
ITEMS BII AND ADDITIONAL AUTHORIZATION LIST AA GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID

MOUNTED 20 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODEL MEP 009A UT CLASS 50 60 HZ NSN 6115 00 133 9104 AND DOD MODEL MEP 108A PRECISE CLASS 50 60 HZ 6115 00 935 8729 040843 TM 5 6115 593 34 GENERATOR SET DIESEL ENGINE DRIVEN TAC SKID MTD 500 KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD MODEL MEP 029A CLASS UTILITY 50 60 HZ NSN 6115 01 030 DOD MODEL MEP 029B CLASS UTILITY 50 60 HZ 6115 01 318 6302 INCLUDING OPTIONAL KITS DOD MODEL MEP 029AHK HOUSING KIT 6115 01 070 7550 DOD MODEL MEP 029ACM AUTOMATIC CONTROL MO 6115 01 275 7912 DOD MODEL MEP 029ARC REMOTE CONTROL MODULE 6110 01 070 7553 DOD MODEL MEP 029ACC REMOTE CONTROL CABLE 6110 01 087 4127 NAVFAC P 8 041070 TM 5 6115 593 12 GENERATOR SET ENGINE DRIVEN TACTICAL SKID MTD 500 KW 3 PHASE 4 WIRE 120 240 416 VOLTS DOD MODEL MEP 029A CLASS UTILITY HERTZ 50 60 NSN 6115 01 030 6085 MEP 029B UTILITY 50 60 6115 01 318 INCLUDING OPTIONAL KTS DOD MODELS MEP 029AHK NOMENCLATURE HOUS 6115 01 070 7550 MEP 029ACM AUTOMATIC CONTROL MODULE 6115 01 275 7912 MEP 029ARC REMOTE CONTROL MODULE 6110 01 070 7553 MEP 029ACC REMOTE CONTROL CABLE 6110 01 087 4127 TO 35C2 3 463 1 041338 LO 55 1730 229 12 POWER UNIT AVIATION MULTI OUTPUT GTED ELECTRICAL HYDRAULIC PNEUMATIC AGPU WHEEL MOUNTED SELF PROPELLED TOWABLE DOD MODEL MEP 360A CLASS PRECISE HERTZ 400 NSN 1730 01 144 1897 042791 TM 5 6115 457 12 HR HAND RECEIPT MANUAL COVERING THE BASIC ISSUE ITEMS BII FOR GE SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 100 KW 3 PHASE 120 208 AND 240 416 V DOD MODELS MEP007A UTILITY CLASS 50 6 NSN 6115 00 133 9101 MODEL MEP 106A PRECISE CLASS 50 60 6115 00 133 9102 AND MODEL MEP116A PRECISE CLASS 400 HZ 6115 00 133 9103 043437 TM 5 6115 593 24P 1 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MOUNTED 500 KW 3 PHA 4 WIRE 120 208 AND 240 416 VOLTS DOD MODEL MEP 029A UTILITY CL 50 60 HZ NSN 6115 01 030 6085 MEP 029B UTILITY CLASS 50 60 6115 01 318 6302 INCLUDING OPTIONAL KITS DOD MODEL MEP 029AHK HOUSING KIT 6115 01 070 7550 MEP 029ACM AUTOMATIC CONTROL MOD 6115 01 275 7912 MEP 029ARC REMOTE CONTROL MODULE 6110 01 070 7553 MEP 029ACC REMOTE CONTROL CABLE 6110 01 087 NAVFAC P 8 631 24P TO 35C2 3 463 4 044703 TM 5 6115 545 12 HR HAND RECEIPT MANUAL COVERING COMPONENTS OF END ITEM COEI BAS ITEMS BII AND ADDITIONAL AUTHORIZATION LIST AAL FOR GENERA DIESEL ENGINE DRIVEN TACTICAL SKID MTD 60 KW 3 PHASE 4 WIRE 120 208 AND 240 416 V DOD MODELS MEP 006A UTILITY CLASS 50 6 NSN 6115 00 118 1243 MODEL MEP 105A PRECISE CLASS 50 60 H 6115 00 118 1252 AND MODEL MEP 115A PRECISE CLASS 400 HZ 6115 00 118 1253 050998 TM 5 6115 600 12 8 GENERATOR DIESEL ENGINE DRIVEN TACTICAL SKID MTD 100 KW 3 PHASE 4 WIR 120 208 AND 240 416 V DOD MODEL MEP 007B CLASS UTILITY 50 60 NSN 6115 01 036 6374 INCLUDING OPTIONAL KITS DOD MODEL MEP00 WINTERIZATION KIT FUEL BURNING AND MEP007BWE WINTERIZATION KIT ELECTRIC 051007 TM 5 6115 600 24P 4 GENERATOR SET DIESEL ENGINE DRIVEN 100 KW 3 PHASE 4 WIRE 120 208 AND VOLTS DOD MODEL MEP 007B

UTILITY CLASS 50 60 HZ NSN 6115 01 036 6374 INCLUDING OPTIONAL KITS DOD MODEL MEP007BWF  
WINTERIZATION KIT FUEL BURNING AND MEP007BWE WINTERIZATION KIT ELECTRIC TO 35C2 3 442 14 NAVFAC P 8  
628 24P SL 4 07464B 057268 LO 5 6115 600 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 100 KW  
PHASE 4 WIRE 120 208 AND 240 416 V DOD MODEL MEP007B CLASS UTILITY 50 60 HZ NSN 6115 01 036 6374 057513  
LO 5 6115 604 12 GENERATOR SET DIESEL ENGINE DRIVEN AIR TRANSPORTABLE SKID MT 750 KW 3 PHASE 4 WIRE  
2400 4160 AND 2200 3800 VOLTS DOD MOD MEP208A CLASS PRIME UTILITY HZ 50 60 NSN 6115 00 450 5881 LI 6115  
12 9 060183 TM 5 6115 612 24P 6 GENERATOR SET AVIATION GAS TURBINE ENGINE DRIVEN INTEGRA TRAILER  
MOUNTED 10KW 28 VOLTS MODEL MEP 362A PRECISE DC NSN 6115 01 161 3992 TM 6115 24P 1 AG 320B0 IPE 000 TO  
35C2 3 471 4 060188 TM 5 6115 612 34 4 GENERATOR SET AVIATION GAS TURBINE ENG DRIVEN INTEGRAL TRAILER  
MOUNTED 10KW 28 VOLTS DOD MODEL MEP 36 PRECISE DC NSN 6115 01 161 3992 AG 320BO MME OOO TM 6115 TO  
35C2 3 471 2 060645 LO 5 6115 612 12 AVIATION GENERATOR SET GAS TURBINE ENGINE DRIVEN INTEGRAL TR  
MOUNTED 10KW 28 VOLTS DC DOD MODEL MEP 362A CLASS PRECISE NSN 6115 01 161 3992 060921 TM 55 1730 229  
34 5 POWER UNIT AVIATION MULTI OUTPUT GTED ELECTRICAL HYDRAULIC PNEUMATIC AGPU WHEEL MOUNTED  
SELF PROPELLED TOWA AC 400HZ 3PH 0 8 PF 115 200V 30 KW DC 28VDC 700 AMPS PNEUMATIC 60 LBS MIN AT 40  
PSIG HYDRAULIC 15 GPM AT 3300 PS DOD MODEL MEP 360A CLASS PRECISE 400 HERTZ NSN 1730 01 144 AG 320A0  
MME 000 TO 35C2 3 473 2 TM 1730 34 1 060922 TM 55 1730 229 12 8 POWER UNIT AVIATION MULTI OUTPUT GTED  
ELECTRICAL HYDRAULIC PNEUMATIC AGPU WHEEL MOUNTED SELF PROPELLED TOWABLE AC 400HZ 3PH 0 8 PF 115  
200V 30 KW DC 28 VDC 700 AMPS PNEUMATIC 60 LBS M AT 40 PSIG HYDRAULIC 15 GPM AT 3300 PSIG DOD MODEL  
MEP 360A CLASS PRECISE HERTZ 400 NSN 1730 01 144 1897 AG 320A0 OMM OOO TO 35C2 3 473 1 TM 1730 12 1  
061758 LO 5 6115 614 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MTD 200 KW 3 PHASE 4 WIRE 120  
208 AND 240 416 VOLTS MODEL MEP009B UTILI 50 60 HERTZ NSN 6115 01 021 4096 061772 LO 5 6115 622 12  
GENERATOR SET DIESEL ENGINE DRIVEN WHEEL MOUNTED 750 KW 3 PH 4 WIRE 2200 3800 AND 2400 4160 VOLTS  
CUMMINS ENGINE COMPANY IN MODEL KTA 2300G 2 DOD MODEL MEP 012A CLASS UTILITY HERTZ 062762 LO 5  
6115 615 12 GENERATOR SET DIESEL ENGINE DRIVEN TACTICAL SKID MOUNTED 3 K MODEL 016B CLASS UTILITY  
MODE 50 60 HZ NSN 6115 01 150 4140 DOD MODEL MEP 021B CLASS UTILITY MODE 400 HZ 6115 01 151 812 DOD  
MODEL MEP 026B CLASS UTILITY MODE 28 VDC 6115 01 150 036 LI 05926B 06509B 12 5 P 8 646 LO 064310 TM 5 6115  
626 14 TM 1730 24P AG 320A0 IPB 000 065603 TB 5 6115 593 24 WARRANTY PROGRAM FOR GENERATOR SET DOD  
MODEL MEP 029A HOUSING K DOD MODEL MEP 029AHK 066727 TM 5 6115 640 14 2 MEP 005A 30 KW 60 HZ GEN  
SETS 2 M200A1 2 WHEEL 4 TIRE MODIFIED TRAILERS 066809 TM 5 6115 630 14 MEP 104A PRECISE 50 60 HERTZ 6115  
00 118 1247 MEP 114A PRECISE 400 HERTZ 6115 00 118 INCLUDING AUXILIARY EQUIPMENT MEP 005AWF

WINTERIZATION KIT FUE BURNING 6115 00 463 9083 MEP 005AWE WINTERIZATION KIT ELEC 6115 00 067310 TM 9  
6115 650 14 DOD MODEL MEP 104A 6115 00 118 1245 DOD MODEL MEP 113A 6115 00 118 1244 069954 TM 9 6115 465  
24P 2 GENERATOR SET DIESEL ENGINE DRIVE TACTICAL SKID MTD 30KW 3 PHASE 4 WIRE 120 208 AND 240 416 V  
MODELS MEP 005A UTILITY 50 60 HZ NSN 6115 00 118 1240 MEP 104A PRECISE 50 60 HZ 6115 00 118 1247 MEP 114A  
PRECISE 400 H 6115 00 118 1248 INCLUDING OPTIONAL KITS DOD MODELS MEP 00 WINTERIZATION KIT FUEL  
BURNING 6115 00 463 9083 MEP 005 AW WINTERIZATION KIT ELECTRIC 6115 00 463 9085 MEP 002 ALM L BANK KIT  
6115 00 463 9088 MEP 005 AWM WHEEL MOUNTING KIT 6115 00 463 9094 TO 35C2 3 070096 TM 9 6115 464 24P 1  
GENERATOR S DIESEL ENGINE DRIVEN TACTICAL SKID MTD 15KW 3 PHASE 4 WIRE 120 208 AND 240 416 VOLTS DOD  
MODEL MEP 004A UTILITY CLASS 50 60 HERTZ NSN 6115 00 118 1241 DOD MODEL MEP 103A PRECISE CLASS 50 60  
HERTZ 6115 00 118 1245 DOD MODEL MEP 113A PRECI CLASS 400 HERTZ 6115 00 118 1244 INCLUDING OPTIONAL  
KITS DOD MODEL MEP 005 AWF WINTERIZATION KIT FUEL BURNING 6115 00 463 DOD MODEL MEP 005 AWE  
WINTERIZATION KIT ELECTRIC 6615 00 46 DOD MODEL MEP 004 ALM LOAD BANK KIT 6115 00 191 9201 071025 TM 9  
6115 641 10 2 GENERATOR SET SKID MOUNTED TACTICAL QUIET 5 KW 60 AND 400 HZ MEP 802A 60 HZ NSN 6115 01  
274 7387 MEP 812A 400 HZ 6115 01 274 7391 TO 35C2 3 456 11 071026 TM 9 6115 642 10 2 GENERATOR SET SKID  
MOUNTED TACTICAL QUIE 10 KW 60 AND 400 HZ MEP 803A 60 HZ NSN 6115 01 275 5061 MEP 813A 400 HZ 6115 01  
274 7392 TO 35C2 3 455 11 TM 09247A 09248A 10 1 071028 TM 9 6115 643 10 3 GENERATOR SET SKID MOUNTED  
TACTICAL QUI 15 KW 50 60 AND 400 HZ MEP 804A 50 60 HZ NSN 6115 01 274 73 MEP 814A 400 HZ 6115 01 274 7393  
TO 35C2 3 445 21 071029 TM 9 6115 644 10 2 GENERATOR SET SKID MOUNTED TACTICAL QUIET 30 KW 50 60 AND 400  
HZ MEP 805A 50 60 HZ NSN 6115 01 274 7389 MEP 815A 400 HZ 6115 01 274 7394 TO 35C2 3 446 11 TM 09249A 09246A  
10 1 071030 TM 9 6115 645 10 2 GENERATOR SET SKID MOUNTED TACTICAL QUIET 60 KW 50 60 AND 400 HZ MEP  
806A 50 60 HZ NSN 6115 01 274 7390 MEP 816A 400 HZ 6115 01 274 7395 TO 35C2 3 444 11 TM 09244A 09245A 10 1  
071031 LO 9 6115 641 12 GENERATOR SET SKID MOUNTED TACTICAL QUIET 5 KW 60 AND 400 HZ MEP 802A TACTICAL  
QUIET 60 HZ NSN 6115 01 274 7387 MEP 812A TACTICAL QUIET 400 HZ 6115 01 274 7391 071032 LO 9 6115 642 12  
GENERATOR SET SKID MOUNTED TACTICAL QUIET 10 KW 60 AND 400 HZ MEP 803A TACTICAL QUIET 60 HZ NSN 6115  
01 275 5061 MEP 813A TACTICAL QUIET 400 HZ 6115 01 274 7392 071033 LO 9 6115 643 12 GENERATOR SET SKID  
MOUNTED TACTICAL QUIET 15 KW 50 60 400 HZ MEP 804A TACTICAL QUIET 50 60 HZ NSN 6115 01 274 7388 MEP 814  
TACTICAL QUIET 400 HZ 6115 01 274 7393 071034 LO 9 6115 644 12 GENERATOR SET SKID MOUNTED TACTICAL  
QUIET 30 KW 50 60 AND 40 MEP 805A TACTICAL QUIET 50 60 HZ NSN 6115 01 274 7389 MEP 815 TACTICAL QUIET 400  
HZ 6115 01 274 7394 LI 09249A 09246A 12 071035 LO 9 6115 645 12 GENERATOR SET SKID MOUNTED TACTICAL QUIET  
60 KW 50 60 AND 40 MEP 806A TACTICAL QUIET 50 60 HZ NSN 6115 01 274 7390 MEP 816 TACTICAL QUIET 400 HZ



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