**N O R M A L**

**MWO effective date is 2 January 1989 and completion date is 1 February 1991**

**MWO 9-2320-273-20-1**

# MODIFICATION WORK ORDER

**Modification Of:**

**TRUCK TRACTOR, LINE HAUL,**
**50,000 GVWR, 6 X 4, M915 (NSN 2320-01428-4395)**

**TRUCK TRACTOR, LIGHT EQUIPMENT TRANSPORTER**
**(LET), 56,000 GVWR, 6 X 6, W/WINCH**
**M916 (NSN 2320-01-028-4396)**

**TRUCK TRACTOR, MEDIUM EQUIPMENT TRANSPORTER**
**(MET), 75,000 GVWR, 8 X 6, W/WINCH**
**M920 (NSN 2320-01-0284397)**

**TRUCK CHASSIS, 75/000 GVWR, 8 X 6,**
**FOR 20-TON DUMP TRUCK,**
**M917 (NSN 3805-01-028-4389)**

**TRUCK CHASSIS, 56,000 GVWR, 6 X 6,**
**FOR BITUMINOUS DISTRIBUTOR TRUCK,**
**M918 (NSN 3895-01-028-4390)**

**TRUCK CHASSIS, 75,000 GVWR, 8 X 6,**
**FOR CONCRETE MOBILE MIXER TRUCK,**
**M919 (NSN 3895-01-028-4391)**

**Headquarters, Department of the Army, Washington, D.C.**

**12 September 1989**

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

**You can help improve this MWO. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Write a letter or complete and mail a DA Form 2028, Recommended Changes to Publications and Blank Forms to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-50LXl A reply will be provided to you.**

**Approved for public release; distribution is unlimited.**

1. PURPOSE. This modification consists of procedures to add a new air tank to the compressed air system.

2. PRIORITY. This modification is classified NORMAL.

a. Equipment in use (including equipment in supply or maintenance activity below depot level and equipment in administrative storage). Equipment in use will be modified as soon as practicable but no later than the scheduled completion date. Equipment not modified after expiration of Department of the Army Modification Work Order (DAMWO) scheduled completion date will be reported as NOT MISSION CAPABLE in accordance with applicable Army Regulations and will not be operated until the modification is applied.

b. Equipment in wholesale depot supply or maintenance activities. All DAMWO'S which have been incorporated into Depot Maintenance Work Requirement (DMWR), will be accomplished on serviceable materiel prior to issue and/or subsequent to scheduled completion date. Operational Project Stock stored at the Depots will be modified concurrently with Depot Stock. Issue of unmodfied materiel is prohibited. The DAMWO will be applied to unserviceable materiel during the scheduled Depot Maintenance.

c. Propositioned stock, to include non-p.repositioned Materiel Configured to Unit Sets (POMCUS) operational projects will be applied at once.

3. END ITEMS TO BE MODIFIED.

See Table 1.

Table 1. End Items to be Modified

| Nomenclature | NSN | Model No. |
|---|---|---|
| Truck Tractor, Line Haul, 50,000 GVWR, 6 X 4 | 2320-01428-4395 | M915 |
| Truck Tractor, Med Equip. Transporter (LET), 56,000 GVWR, 6 X 6, W/Winch | 2320-01-028-4396 | M916 |
| TruckTractor, Med Equip. Transporter (MET), 75,000 GVWR, 8 X 6, W/Winch | 2320-01-028-4397 | M920 |
| Truck Chassis, 75,000 GVWR, 8 X 6, for 20-Ton Dump Truck | 3805-014284389 | M917 |
| Truck Chassis, 56,000 GVWR, 6 X 6, for Bituminous Distributor Truck | 3895-01-028-4390 | M918 |
| Truck Chassis, 75,000 GVWR, 8 X 6, for Concrete Mixer Truck | 3895-01-028-4391 | M919 |

4. MODULES (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES) TO BE MODIFIED.

The following items, whether installed or in depot stock, shall be modified. See Table 2.

Table 2. Assemblies to be Modified

| Nomenclature | Model | Part Number & FSCM |
|---|---|---|
| Auxiliary Air System | M915 | 12357132 (19207) |
| | M916, M917, M918, M919 and M920 | 12368245 (19207) |

**5. PARTS TO BE MODIFIED.**

Not applicable.

**6. APPLICATION.**

a. Time Compliance Schedule The effective date of this Modification Work Order (MWO) is 2 January 1989 and its completion date is 1 February 1991.

b. Lowest Level of Maintenance Authorized to Apply this MWO: Organizational.

c. Work Force and Man-hour Requirements for Application of this MWO to a Single Unit, End Item, or System is as follows

REQUIREMENTS

| WORK FORCE/SKILLS | MAN-HOURS |
|---|---|
| MOS 63S | 3.5 hours to install either MWO kit |
| Contractor team | 2.0 hours to install either MWO kit |

Total man-hours required for a single application of this MWO at Organizational maintenance is 3.5 hours.

Total man-hours required for a single application of this MWO by contractor team is 2.0 hours.

d. MWO'S to be Applied Prior to or Concurrently with the Application of this MWO. Not applicable.

e. Additional Information Deemed Necessary to Assist in the Application of this MWO Not applicable.

**7. TECHNICAL PUBLICATIONS AFFECTED/CHANGED.**

See Table 3.

Table 3. Publications Affected

| Publication | Date |
|---|---|
| TM 9-2320-273-10 | May 1980 |
| TM 9-2320-273-20 | Nov 1980 |
| TM 9-2320-273-34 | Dec 1980 |
| TM 9-2320-273-20P | Sept 1986 |
| TM 9-2320-273-34P | Sept 1986 |

**8. MWO KIT(S) /PART(S) AND THEIR DISPOSITION.**

a. Kit(s) /Part(s) Needed to Apply this MWO: P/N 12357132, FSCM 19207 (M915); P/N 12368245, FSCM 19207 (M916, M917, M918, M919 and M920).

b. Contents of MWO Kits: See Table 4 and Table 5.

Table 4. Modification Kit (M915)

| Nomenclature | NSN | Part Number & FSCM | Qty | Mod Kit Item No. |
|---|---|---|---|---|
| Valve Check | 4820-00-115-3896 | 11669271 (19207) | 1 | 1 |
| Support, Air Tank | | 12357127 | 1 | 2 |
| Clamp Assy | | 12357128 | 2 | 3 |
| Tank, Air Reservoir | | 12357129 | 1 | 4 |
| Install, hstructions | | 12357131 | 1 | 5 |
| Hose, Non-Metallic (53” long) | 4720-01-009-9058 | CPR10442O-4 (19207) | 1 | 6 |
| Hose, Non-Metallic (57" long) | 4720-01-009-9058 | CPR10442O-4 (19207) | 1 | 7 |
| Strap, Tiedown | 5975-00-570-9598 | MS3367-7-9 (%906) | 2 | 8 |
| clamp, Loop | 5340-00-833-3049 | MS21333-127 (96906) | 3 | 9 |
| Washer | 5310-00-080-6004 | MS27183-14 (%906) | 6 | 10 |
| Cock, Drain | 4820-00-287-4268 | MS35784-2 (96906) | 1 | 11 |
| Nut, Self-Locking | 5310-01-249-0904 | MS51943-5 (96906) | 6 | 12 |
| Screw, Cap, Hexagon | 5305-00-269-3212 | MS90725-61 (96906) | 6 | 13 |
| Connector Assy | | SAE J246 10-8 100102BA | 2 | 14 |
| Elbow Assy | | SAE J246 10-8 100202BA | 1 | 15 |
| Union Assy | | SAE J246 10-10 100101BA | 1 | 16 |
| Plug | | SAEJ5146 O8O1O9B | 4 | 17 |
| Elbow | | SAE J530 8-8 130239B | 1 | 18 |
| Bushing | | SAE J530 12-8 130140B | 3 | 19 |
| MWO Data Plate | 9905-00-858-5682 | 10930014 (19207) | 1 | 20 |
| Drivescrew | 5305-00-253-5614 | 922002 (99832) | 1 | 21 |