

NORMAL

MWO effective date is 1 October 1988 and completion date is 1 October 1992.

MWO 5-3805-262-25-1

MODIFICATION WORK ORDER

MODIFICATION OF LOADER, SCOOP TYPE, 2½ CUBIC YARD,

J.I. CASE CO. MODEL MW24C

(NSN 3805-01-150-4814)

Headquarters, Department of the Army, Washington, DC

13 November 1988

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, and mail to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be provided to you.

1. PURPOSE. The purpose of this modification is to install an Alcohol Evaporator Kit on all MW24C Scoop Loaders. The application of the Alcohol Evaporator Kit (NSN 2530-01-200-8894) will prevent the freezing of moisture condensation in the brake 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.

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 concurrent] y with Depot Stock. Issue of unmodified materiel is prohibited. The DAMWO will be applied to unserviceable materiel during the scheduled Depot Maintenance.

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

Approved for public release; distribution is unlimited.

3. END ITEM OR SYSTEM TO BE MODIFIED. Refer to Table 1.

Table 1. End Items to be Modified

Nomenclature	NSN	CAGE	Model	Serial No. Range
Loader, Scoop Type, 2 1/2 Cubic Yard	3805-01-150-4814	10988	MW24C	All MW24C serial numbers

4. MODULE (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, BOARDS, AND CARDS) TO BE MODIFIED. Not applicable.

5. PARTS TO BE MODIFIED. Not applicable.

6. APPLICATION.

a. Time Compliance schedule. The effective date of this MWO is 1 October 1988 and its completion date is 1 October 1992.

b. Lowest Level of Maintenance Authorized to Apply this MWO. Unit Maintenance.

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
2 Mechanics (MOS-62B)	1 1/2 hours (3 hours total)

Total man-hours required for a single application of this MWO is 3 hours.

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

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

7. TECHNICAL PUBLICATIONS AFFECTED/CHANGED. Refer to Table 2.

Table 2. Publications Affected

Publication	Date
TM 5-3805-262-10	September 1987
TM 5-3805-262-20	September 1987
TM 5-3805-262-24P	September 1987
TM 5-3805-262-34	September 1987
DMWR 5-3805-262	January 1987

8. MWO KITS/PARTS AND THEIR DISPOSITION.

- a. Kit/Parts needed to apply the MWO.

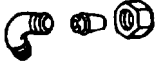
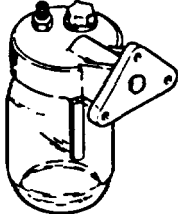
NOTE

Upon receipt of Modification Kit, Alcohol Evaporator (NSN 2530-01-200-8894), check to ensure all items have been included.

- (1) The parts listed in Table 3 are required to accomplish this MWO.

Table 3. Part and Security Classification

Item No.	Illustration	NSN, Nomenclature, P/N and CAGE	Qty Req'd Per End Item	Class.
1		Screw 5305-00-225-3839 MS90725-896906	3	Unclass.
2		Nut 5310-00-761-6882 MS51967-296906	3	Unclass.
3		Washer 5310-00-582-5965 MS35338-4419207	3	Unclass.
4		Tube 4720-00-135-4424 11609976 96906	1	Unclass.

Item No	Illustration	NSN, Nomenclature, P/N and CAGE	Qty Req'd Per End Item	Class.
5		Elbow Assy 4730-00-781-3689 S400-2-2 02570	1	Unclass.
6		Connector Assy 4730-00-061-8455 S400-1-202570	3	Unclass.
7		Elbow, (special) 473041-247-1498 L107160 10988	1	Unclass.
8		Valve-Check Assy 4820-00-411-5457275756 06853	1	Unclass.
9		Evaporator Assy 2530-00-773-8257228663 06853	1	Unclass.

(2) Kit shipping data. Refer to Table 4.

Table 4. Shipping Data

Weight

Dimensions

1.15 Pounds (0.52 kg)

9 " x 7 " x 5 " (22.5 cm x 17.78 cm x 12.7 cm)

b. Contents of MWO Kit. Refer to Table 3.