

LUBRICATION ORDER

17 July 1984

(Supersedes LO 10-3930-620-12, 18 NOVEMBER 1972)
LO 10-3930-620-12

**TRUCK, LIFT, FORK, ELECTRIC, SOLID RUBBER
 TIRED WHEELS; 6,000 LB CAPACITY, 180-INCH LIFT
 (ALLIS CHALMERS MODEL FE-60-EE) (ARMY MODEL
 MHE 214) (NSN 3930-00-476-8769)**

Reference: TM 10-3930-620-12, and FEDERAL SUPPLY CATALOG C9100-IL.

Hard time intervals and the related man-hour times are based on normal operation. The man-hour time specified is the time you need to do all the services prescribed for a particular interval. Change the hard time interval if your lubricants are contaminated or if you are operating the equipment under adverse operating conditions, including longer-than-usual operating hours. The hard time interval may be extended during periods of low activity. If extended, adequate preservation precautions must be taken.

Clean parts or fittings with dry cleaning solvent (SD), Type II or equivalent. Dry before lubricating. Dotted arrow shafts indicate lubrication on both sides of equipment. A dotted circle indicates a drain below. Relubricate all items found contaminated after fording or washing.

The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols as appropriate: Operator/Crew (C); and Organizational Maintenance (O)

WARNING

Dry cleaning fluid is flammable. Do not use near a flame or excessive heat. Use only with adequate ventilation. Avoid prolonged breathing of vapors and minimize skin contact.

Reporting errors and recommending improvements. You can help improve this manual. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Tank-Automotive Command, ATTN: DRSTA-MB, Warren, MI 48090. A reply will be furnished to you.

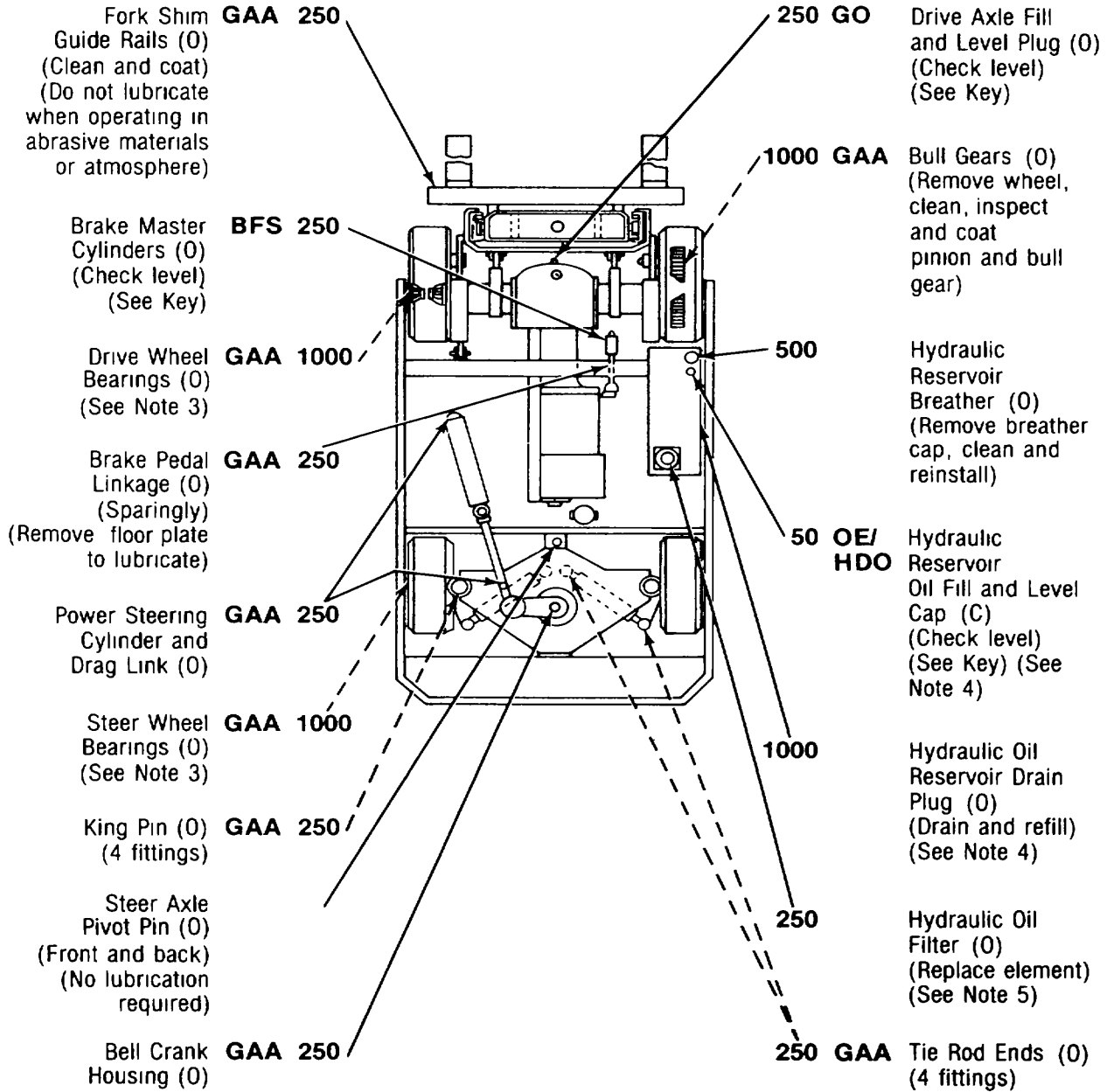
*The time specified is the time required to perform all services at the particular interval.

*TOTAL MAN-HOURS		*TOTAL MAN-HOURS	
INTERVAL	MAN-HOURS	INTERVAL	MAN-HOURS
50	0.2	500	1.1
250	1.00	1000	3.0

TA221812

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT



TA221813

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT

Lift Chain (0)
(Clean and coat) **OE/ 250**
HDO

Mast Wear
Plates (0)
(Clean and brush
lubricant on
mating surfaces) **GAA 250**

Automatic
Hose Reel (0)
(No lubrication
required)

Brake Pivot
Points (0)
(Oil can point)
(See Key and
Note 2) **OE/ 250**
HDO

Upright Tilt
Pivot (0)
(Sparingly) **GAA 250**

250 OE/
HDO Carriage
Fork Latch (0)
(Clean and coat)

Crosshead Bearing
(No lubrication
required)

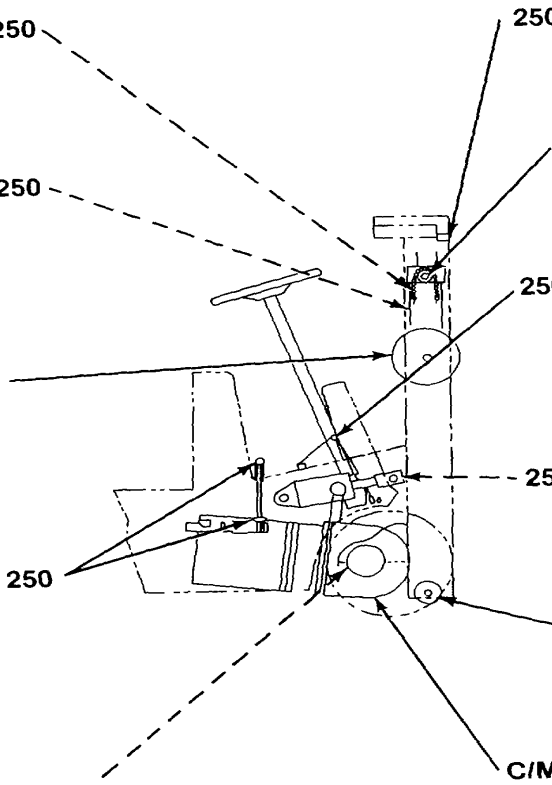
250 OE/
HDO Accelerator
Linkage (0)
(Oil can point)
(See Key and
Note 2)

250 GAA Tilt Cylinder
Pivot Pin (0)
(Sparingly)

Carriage Rollers
(No lubrication
required)

C/MR

Drive Axle
Drain Plug (0)
(Drain and refill)
(See Note 6)



NOTES - CONTINUED:

parts, replace damaged or word parts, repack bearings, and assemble.

4. HYDRAULIC RESERVOIR AND FILTER Refer to TM 10-3930-620-12 for initial filter change interval. Each 50 hours check level. Maintain oil level at "FULL" mark. Each 1000 hours drain reservoir, replace filter element, clean suction line screen, reinstall drain plug and fill reservoir. Operate lift for 5 minutes, check for leaks, check oil level and bring to "FULL" mark.
5. HYDRAULIC OIL FILTER. Each 250 hours, remove filter element, filter shell housing and install new element. After replacement, operate lift for 5 minutes, check for leaks, check oil level and bring to "FULL" mark.
6. DRIVE AXLE. Each 250 hours check level. Change gear lubricant only when required by maintenance repair action, contamination by water, or other foreign material. After refill, operate for five minutes, check for leaks and bring oil level to level plug opening.

7. LUBRICANTS. The following is a list of lubricants with military symbols and applicable specification numbers.

OE/HDO	MIL-L-2104
GO	MIL-L-2105
GAA	MIL-G-10924
OEA	MIL-L-46167
BFS	MIL-B-46176
(SD), Type II	P-D-680

Copy of this Lubrication Order will remain with the equipment at all times, instructions contained herein are mandatory

By order of the Secretary of the Army:

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

OFFICIAL:

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

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25A, operational Maintenance requirements for Warehouse Equipment.

U.S. Government Printing Office: 1984-420-903/260

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM, CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 2028-2 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.

P.S.—IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

