

22 March 1984

(Supersedes LO 10-3930-615-12, 16 MARCH 1970)

TRUCK, FORK, LIFT; ELECTRIC, SOLID RUBBER  
 TIRES, 4, 000 LB CAPACITY (BAKER MODEL  
 FTD-040-EE, ARMY MODEL MODEL-208)  
 (NSN 3930-00-494-8151) (100-INCH LIFT) AND  
 (3930-00-236-6253) (180-INCH LIFT)

Reference: TM 103930-615-15 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.

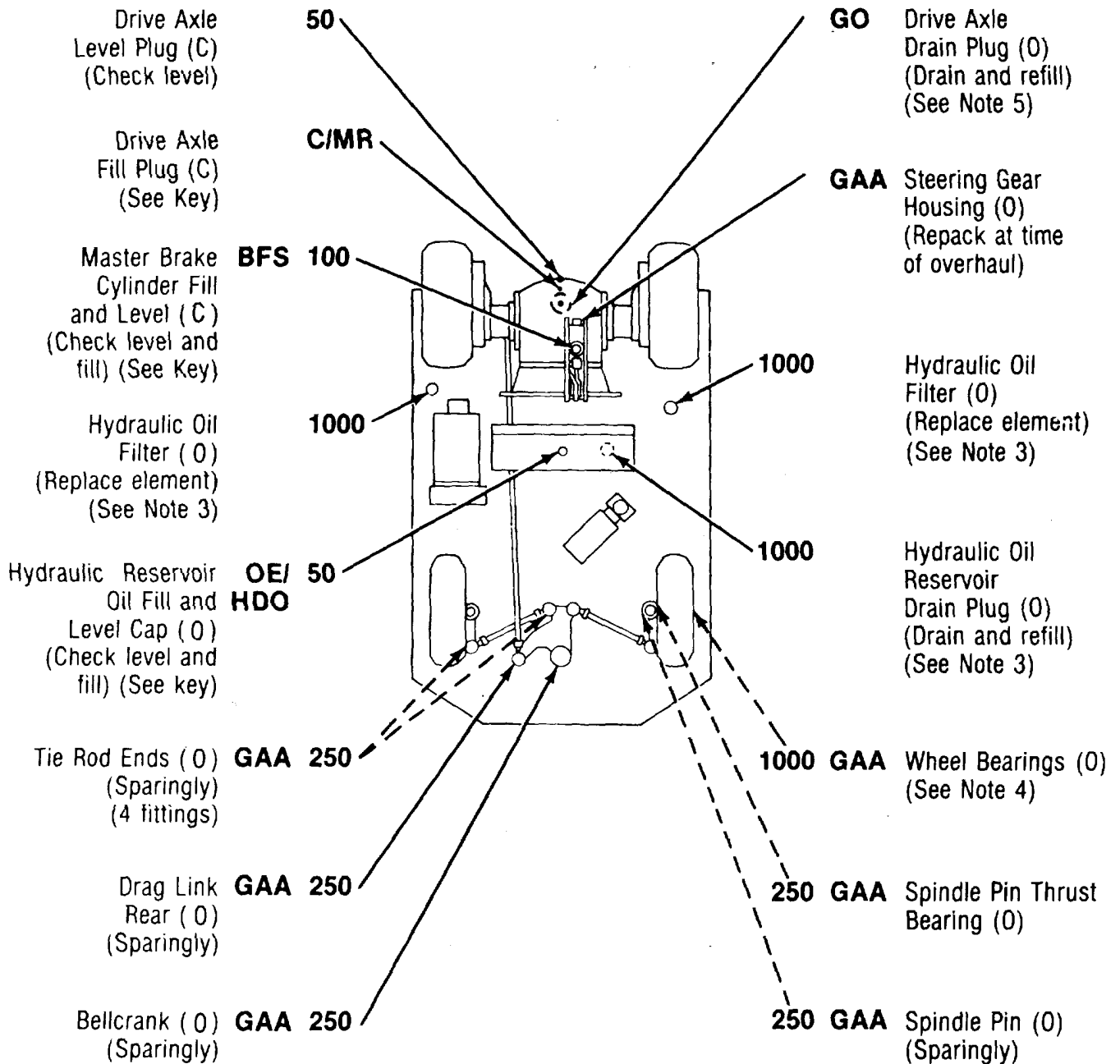
\*The time specified is the time required to perform all services at the particular interval.

*TOTAL MAN-HOURS		*TOTAL MAN-HOURS	
INTERVAL	MAN-HOURS	INTERVAL	MAN-HOURS
50	0.3	250	1.8
100	0.2	1000	2.5

TA 220595

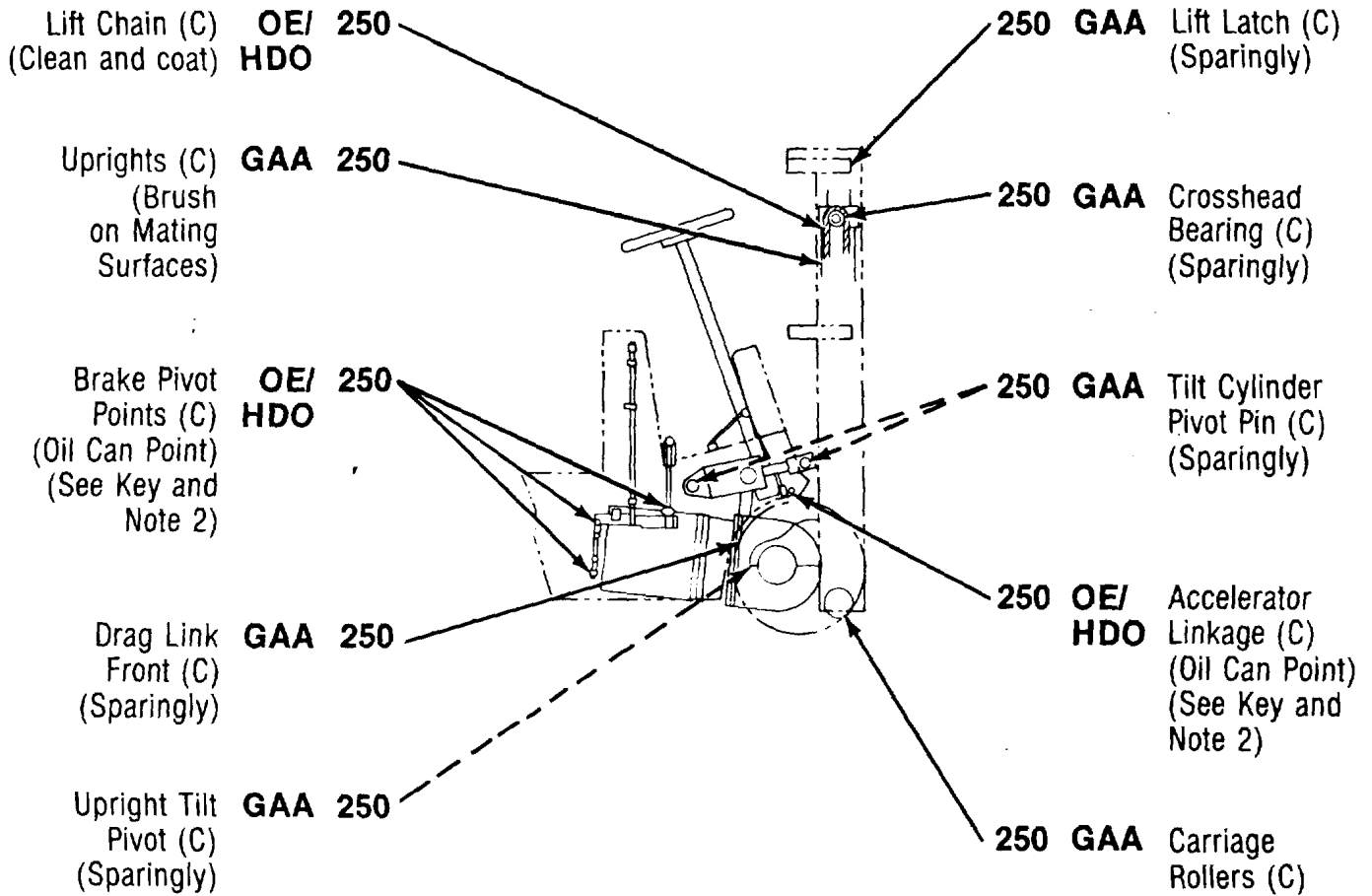
**LUBRICANT • INTERVAL**

**INTERVAL • LUBRICANT**



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**INTERVAL • LUBRICANT**



\* KEY -

		EXPECTED TEMPERATURES			
LUBRICANTS	CAPACITY	Above +150F	+40°to -15°F	+40°to -650F	INTERVALS
		(Above -9°C)	(+4°to -260C)	(+4°to -54°C)	
<b>OE/ - Lubricating HDO</b> Oil, Internal Combustion Engine, Tactical Service  <b>OEA- Lubricating</b> Oil, Internal Combustion, Arctic - Oil Can. Points  (See Note 2) Hydraulic Reservoir <b>GO - Lubricating</b>	5.9 gals. in hours (22.3L)	<b>OE/HDO 10</b>	<b>OEIHDO 10</b>	<b>OEA</b> (See Note 1)	C/MR Condition Monitor  Intervals given are of normal operation
Oil, Gear Multipurpose  - Drive Axle.	5 pts (2.4L)	<b>GO 85W/140</b>	<b>GO80W/ 90</b>	<b>190GO 75W</b>	

\*See Note 6 for lubricant specification number. TA 220597

**\* KEY -**

		EXPECTED TEMPERATURES			
LUBRICANTS	CAPACITY	Above +150F	+40°to -15°F	+40°to -650F	INTERVALS
		(Above -9°C)	(+4°to -260C)	(+4°to -54°C)	
BFS - Brake Fluid, Automotive - Brake Master Cylinder	3 pts. (1.4L)	ALL TEMPERATURES			
GAA- Grease, Automotive and Artillery		ALL TEMPERATURES			

\*See Note 6 for lubricant specification number

**1. FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURES BELOW -150F (-26°C).**

Remove lubricants prescribed in Key for temperatures above -150F (-260C) Relubricate with lubricants specified in Key for temperatures below -15°F (-260C) If OEA lubricant is required to meet the temperature ranges prescribed in the Key, OEA lubricant is to be used in place of OE/HDO-10 lubricant for al temperature ranges where OE/HDO-10 is specified in the Key.

**2. OIL CAN POINTS.** Each 250 hours lubricate seat brake and hand brake linkage, accelerator pivot points, and al exposed adjusting threads with OE/HDO

**3. HYDRAULIC RESERVOIR AND FILTERS.** Check oil level each 50 hours Maintain oil level to "FULL" mark. Each 1000 hours drain reservoir, remove filter elements, clean filter shells and install new filter elements. Reinstall drain plug and fill reservoir. Operate lift for 5 minutes, check for leaks, check oil level and bring to "FULL" mark.

**4. WHEEL BEARINGS.** Each 1000 hours remove wheels, clean and inspect al parts, replace damaged or worn parts repack bearings, and assemble.

**5. DRIVE AXLE.** Check level each 5( hours. Change gear lubricant only where 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.

6. 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

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To be distributed in accordance with DA Form 12-25A, Operator and Organizational maintenance requirements for Fork Lift Trucks. TA 220598

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DA FORM 2028-2  
1 JUL 79

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• ARE OBSOLETE.

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