

# LUBRICATION ORDER

# LO 9-2320-244-12

31 AUGUST 1973 SUPERSEDES LO9-2320-244-12, 16 OCTOBER 1967

TRUCK, CARGO: 1¼-TON, 4 X 4, M715  
 TRUCK, AMBULANCE: 1¼-TON, 4 X 4, M725  
 TRUCK, CHASSIS: 1¼-TON, 4 X 4, M724  
 TRUCK, MAINTENANCE: 1¼-TON, 4 X 4, M726

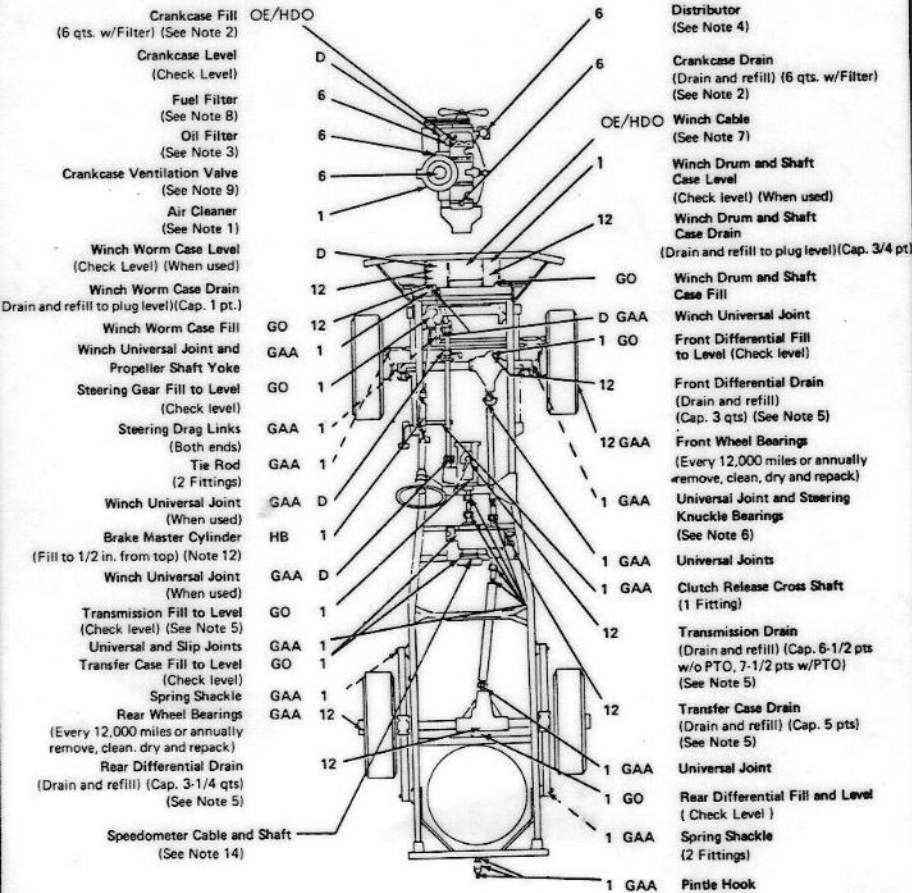
Reference. TM 9-2320-244-10

Lubrication will be performed only as prescribed by this order except as required under unusual conditions as described in referenced TM.

Clean fittings before lubricating. Clean parts with THINNER, paint, volatile mineral spirits (TPM) or SOLVENT, dry cleaning (SD). Dry before lubricating. Lubricate dotted arrow points on both sides of the equipment.

## LUBRICANT INTERVAL

## INTERVAL LUBRICANT



LUBRICANTS	EXPECTED TEMPERATURE			FOR ARCTIC OPERATION Refer to TM 9-207	LUBRICANTS	INTERVALS See NOTE 10	Man Hrs
	above +32°F	+40°F to -10°F	0°F to -50°F				
OE/HDO - OIL LUBR, ENGINE	OE/HDO 30	OE/HDO 10	OES		OE - OIL, LUBR, ENGINE, SUB-ZERO	D - Daily (Operator)	0.5
GO - LUBRICANT, GEAR, UNIVERSAL	GO 90	GO 80	GOS		GOS - LUBRICANT, GEAR UNIVERSAL, SUB-ZERO	1 - 1,000 Miles	1.5
GAA - GREASE, LUBR, AUTOMOTIVE AND ARTILLERY	GAA	GAA	GAA			6 - 6,000 Miles or semiannually *	4.5
HB - FLUID, HYDRAULIC, BRAKE	HB	HB	HBA		HBA - FLUID, HYDRAULIC, BRAKE, ARCTIC	12 - 12,000 Miles or annually *	6.5
					CW - LUBR, CHAIN, EXPOSED GEAR AND WIRE ROPE	*Whichever occurs first	

## - NOTES -

**1. AIR CLEANER (Dry Type)**

Daily (under normal conditions) remove air cleaner cover and inspect air cleaner cartridge (element). Clean (early type w/governor) if contaminated by shaking out (tapping) accumulated dirt. Clean (late type w/governor) by shaking out (tapping) accumulated dirt or by washing with water and non-susiding detergent. Rinse until water is clear. Shake off excess water and dry. Replace (early type w/governor) air cleaner element at 1,000 miles and (late type w/governor) air cleaner element at 3,000 miles or sooner if plugged and causing loss of engine power.

**2. CRANKCASE**

Drain every 4,000 miles or semiannually. Drain only when hot after operation. Before filling crankcase remove filter screen in oil filler neck and clean. Check gasket in oil filler cap, replace if required. Reinstall screen and refill to FULL mark on gage. Run engine a few minutes and re-check oil level.

**3. OIL FILTER**

Replace oil filter after first 500 miles. Every 4,000 miles or semiannually, while draining crankcase, remove oil filter assembly and discard. Install new oil filter assembly. Hand tighten only.

**4. DISTRIBUTOR**

Every 6,000 miles or semiannually remove distributor. Remove plug under nameplate and withdraw felt wick. Soak wick in OE. Fill plug opening with GAA. Insert wick, remove excess grease and install plug. Wipe breaker cam lightly with GAA and breaker arm pivot with 1 to 2 drops of OE. Install distributor.

**5. GEAR CASES**

Drain every 12,000 miles or annually. Drain only when hot after operation. Fill to plug level. Check level after gear case has been allowed to cool to ambient temperature. (W/O PTC-without power take-off; W/PTC-with power take-off).

**6. FRONT WHEEL UNIVERSAL JOINTS AND STEERING KNUCKLE BEARINGS**

Every 1,000 miles remove plug and lubricate through plug located at side of steering knuckle housing until lubricant appears at plughole. Install plug. If required, disassemble constant velocity universal joints every 12,000 miles or annually. (Remove lower screw on housing after fording.)

**7. WINCH CABLE**

After each operation, clean and oil with engine oil OE/HDO. Every 6,000 miles or semiannually if cable is not generally used, unwind entire cable, clean and soak by means of a brush with OE/HDO. Wipe off excess and coat cable with CW. Coat winch drum also with CW before rewinding cable on drum.

**8. FUEL FILTER**

Every 12,000 miles or annually replace in-line fuel filter. Also remove screen in fuel tank filler neck and clean.

**9. CRANKCASE VENTILATION VALVE**

Every 4,000 miles or semiannually remove crankcase ventilation valve and wire mesh. Clean hose and fittings as required. Install mesh and valve in hose and install to engine. Check oil filler cap gasket (See note 2). Every 12,000 miles or annually replace crankcase ventilation valve.

**10. LUBRICATION INTERVALS**

When practicable, Lubrication Service will be made to coincide with the vehicle "S" P.M. Service. For this purpose a 10% tolerance (variation) in specified lubrication point mileage is permissible.

**11. OIL CAN POINTS**

Every 1,000 miles lubricate clutch and brake pedal shafts and linkage, accelerator pedal shaft and pivots, throttle bellcrank, parking brake linkage, winch shifter shaft, seat hinges and adjuster, all compartment hinges, catches, and locks, door handles, tail gate hinges and catches, lifting eye pins (4), spare tire carrier bolt.

**12. BRAKE FLUID**

Use hydraulic brake fluid (HB) non-petroleum base only. Use of hydraulic brake fluid petroleum base renders brakes inoperative.

**13. DO NOT LUBRICATE**

Shock absorbers and mounting bushings, front spring shackles, spring leaves, generator, and starter. Water pump and clutch release bearings are prelubricated at manufacture and cannot be relubricated.

**14. LUBRICATE AT TIME OF DISASSEMBLY BY DIRECT SUPPORT PERSONNEL**

Speedometer cable and shaft.

Copy of this lubrication order will remain with the vehicle at all times. Instructions contained herein are mandatory and supersede all conflicting lubrication instructions dated prior to the date of this lubrication order.

By Order of the Secretary of the Army:

CREIGHTON W. ABRAMS  
General, United States Army,  
Chief of Staff

Official:

VERNE L. BOWERS  
Major General, United States Army,  
The Adjutant General