LUBRICATION ORDER

14 JANUARY 1983

LO 9-2320-273-12

Supersedes LO 9-2320-273-12, 22 September 1980

TRUCK TRACTOR, LINE HAUL, 50,000 GVWR, 6x4, M915 (2320-01-028-4395)
TRUCK TRACTOR, LIGHT EQUIPMENT TRANSPORTER (LET), 56,000 GVWR, 6x6, W/WINCH, M916 (2320-01-028-4396)
TRUCK TRACTOR, MEDIUM EQUIPMENT TRANSPORTER (MET), 75,000 GVWR, 8x6, W/WINCH, M920 (2320-01-028-4397)
TRUCK CHASSIS, 75,000 GVWR, 8x6, FOR 20 TON DUMP TRUCK, M917 (3805-01-028-4389)
TRUCK CHASSIS, 56,000 GVWR, 6x6, FOR BITUMINOUS DISTRIBUTOR TRUCK, M918 (3895-01-028-4390)
TRUCK CHASSIS, 75,000 GVWR, 8x6, FOR CONCRETE MOBILE

REFERENCE: TM 9-2320-273-10 AND TM 9-2320-273-20

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 inter val. Change the interval if your lubricants are contaminated or if you are operating equipment under adverse conditions, including the longer-than-usual operation hours. You may extend the adequate preservation precautions. Clean fittings before lubricating.

Clean parts with solvent, drycleaning. Type II (SD-2) (P-D-680). Dry before lubricating. Dotted arrow points indicate lubrication on both sides of the equipment.

The lowest level of maintenance authorized to lubrucate a point is indicated by one of the following symbols as appropriate: Operator/crew (C); Organizational Maintenance (0).

KEY

LUBRICANTS (SEE NOTE 24)	REFILL CAPACITY (APR.)	EXPECTED TEMPERATURES			FOR ARCTIC OPERATION REFER TO TM 9-207
		ABOVE +32°F	+40°F TO -10°	0°F TO -65°	
OE/HDO - OIL ENGINE	11.5 GAL WITH BOTH FILTERS	OE/HDO 30	OE/HDO 10	OEA	
OE/HDO AND OEA (ARCTIC GRADE) TRANSMISSION	22 QUARTS	OE/HDO 10	OE/HDO 10	OEA	
GO LUBRICANT, MULTIPURPOSE TRANSFER CASE	5 QUARTS	GO 80/90	GO 80/90	GO 75	
GO LUBRICANT, MULTIPURPOSE DIFFERENTIALS	SEE NOTE 7A	GO 85/140	GO 80/90	GO 75 (-40°F LIMIT)	
GO LUBRICANT, MULTIPURPOSE WINCH DRUM	5 QUARTS	GO 80/90	GO 80/90	GO 75	
OE/HDO - OIL AND OEA (ARCTIC GRADE) WINCH RESERVOIR	42 GALLONS	OE/HDO 10	OE/HDO 10	OEA	
DEXRON POWER STEERING	2 QUARTS	ALL TEMPERATURES			
GAA - GREASE AUTOMOTIVE & ARTILLERY	AS REQUIRED				
CWII-LUBR, CHAIN EXPOSED GEAR AND WIRE ROPE	AS REQUIRED				

INTERVALS

D - DAILY (OPERATOR)
S - SEMIANNUALLY (6 MONTHS)
A - ANNUALLY
1 - 1,000 MILES
2 - 2,000 MILES
10 - 10,000 MILES
24 - 24,000 MILES
50 - 50,000 MILES
100 - 100,000 MILES

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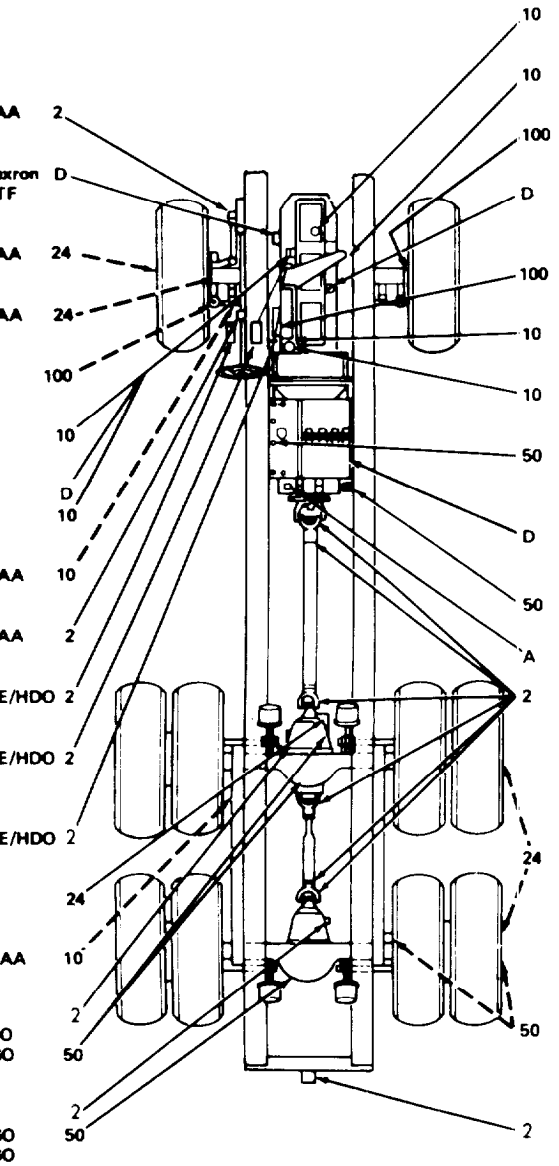
MODEL M915 THRU M920 LUBRICATION REQUIREMENTS

LUBRICANT – INTERVAL

Drag Link (O) (See note 2A and view A)	GAA	2
Power Steering Pump and Filter Fill and level check (C) (See note 3 and view B)	Dexron ATF	D
Front Wheel Bearings (O) (See note 2D and view C)	GAA	24
Front Wheel Knuckle (O) (See note 2B and view D)	GAA	24
Tie Rod (Inspect) (O) (See note 2C and view D)		100
Fuel Pump Screen – Clean (O) (See note 4A and view E)		10
Fuel Filter – Drain Moisture (C)		D
Fuel Filter – Change Element (O) (See note 4B and view E)		10
Front Axle Spring (O) (See note 2A and view A)	GAA	10
Steering Shaft Universals (O) (See note 2E and view A)	GAA	2
Brake Pedal (O) (See view F)	OE/HDO	2
Accelerator Pedal and Linkage (O) (See view G)	OE/HDO	2
Auxiliary Throttle (O) (See note 5 and view G)	OE/HDO	2
Rear Axle Oil Filter – Replace (O) (See note 6 and view H)		24
Rear Axle Spring & Walking Beam (O) (See note 2A and view I)	GAA	10
Forward Rear Axle Differential Check and Fill (O)	GO	2
Drain (O) (See note 7A and view H)	GO	50
Rear Rear Axle Differential Check and Fill (O)	GO	2
Drain (O) (See note 7A and view H)	GO	50

INTERVAL – LUBRICANT

10	OE/HDO	Crankcase – Drain and fill (C) (See note 8 and view K)
10	OE/HDO	Oil Filter – Replace (O) (See note 8 and view L)
100	GAI	Front Brakes and Chambers (O) (See note 12A and view M)
D	OE/HDO	Oil Level Dipstick – Fill and level check (C) (See note 8 and view N)
100	OE/HDO	Starter (O) (See note 9 and view O)
10	OE/HDO	Oil Bypass Filter (O) (See note 8 and view L)
10		Air Filter (O) (See note 11 and view P)
50		Transmission Pump Screen – Clean or replace (O) (See note 7B and view O)
D	OE/HDO	Transmission – Fill and level check (C) (See note 7B and view Q)
50	OE/HDO	Drain and Fill (O) (See note 7B and view Q)
A	GAA	Speedometer Gear (O) (See view Q)
2	GAA	Driveline Universal Joint, Slip Yokes and Spline (O) (See note 2F and view V)
24	GAA	Wheel Bearings – Remove, clean, and repack (O) (See note 2D and view R)
50	GAA	Cammaster Slack Adjusters, Camshaft roller Journals and Bushings (O) (See note 12B and views S & T)
2	GAA	Pintle Hook (O) (See view U)



NOTE: Dotted arrow points indicate lubrication on both sides of vehicle.

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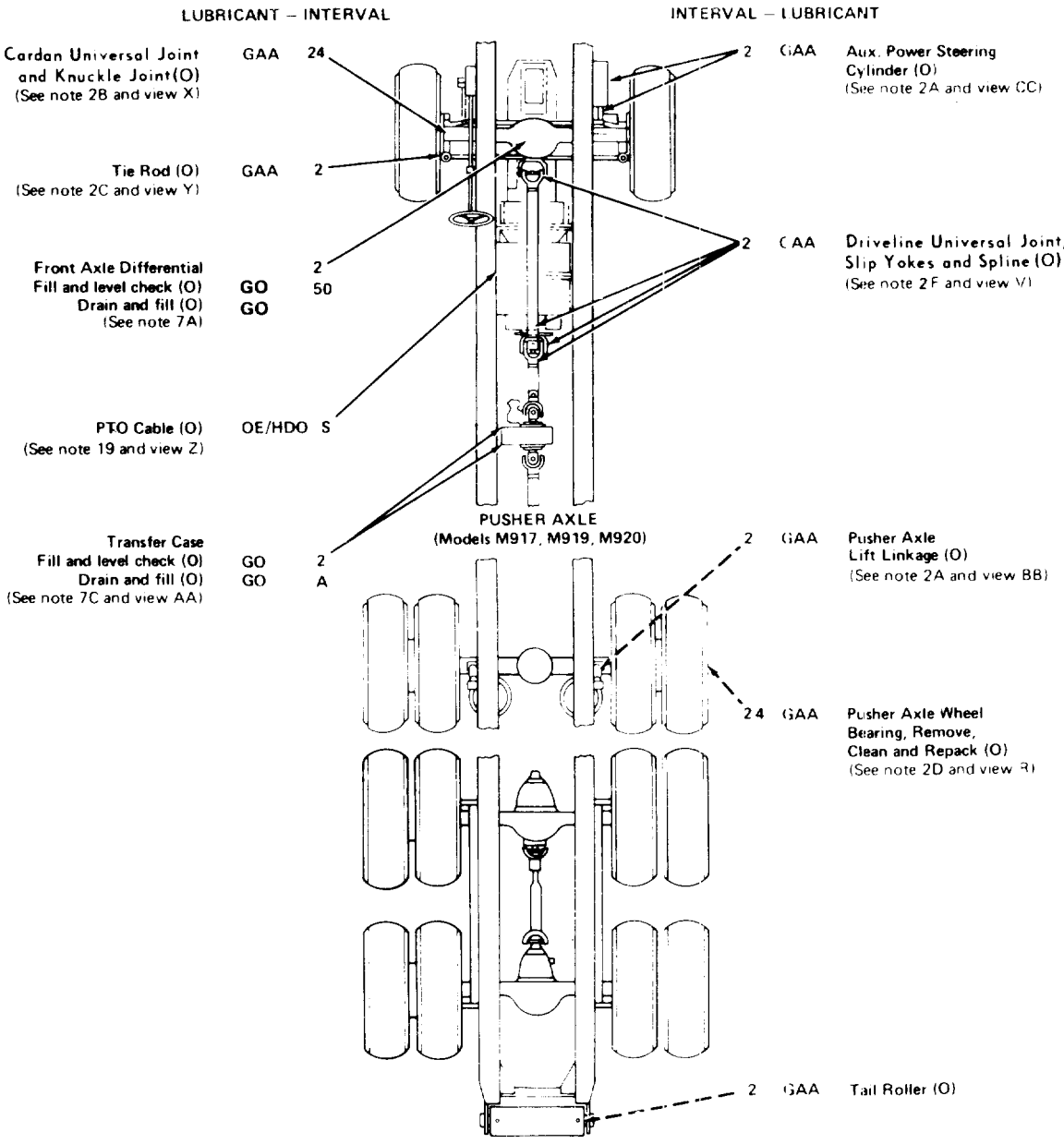
MODELS M916 THRU M920 LUBRICATION REQUIREMENTS

(SEE CARD 2 FOR INSTRUCTIONS ON COMMON COMPONENTS)



	TOTAL MAN-HOURS						
	D	W	A	1000	2000	10,000	24,000
M915	0.2	–	3.1	0.5	5.8	6.4	7.3
M916	0.2	–	3.1	1.1	6.7	7.3	8.4
M917	0.2	–	3.1	–	7.3	7.9	9.0
M918	0.2	–	3.1	–	5.8	6.4	7.5
M919	0.2	–	3.1	–	7.3	7.9	9.0
M920	0.2	–	3.1	1.1	7.9	8.5	9.6

NOTE

The above man-hours have been established on an individual basis and hence, are not applicable at maintenance facilities where production line methods are employed.

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