

# LUBRICATION ORDER

# LO 5-3805-274-12

16 DEC 83

(Supersedes LO 5-3805-274-12,8 September 1980)

## Dump Truck Body M917 (NSN 3805-01-028-4389)

Reference: TM 5-3805-274-10, and -24&P, LO 9-2320-273-12 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.

### 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.

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).

**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	
INTERVAL	MAN-HOURS
D	0.5
W	0.8

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WARNING

When pusher axle is up do not step on tire to climb into dump body. Wheel and tire can turn and cause you to slip and fall. Be sure of your footing before climbing on vehicle.

LUBRICANT•INTERVAL

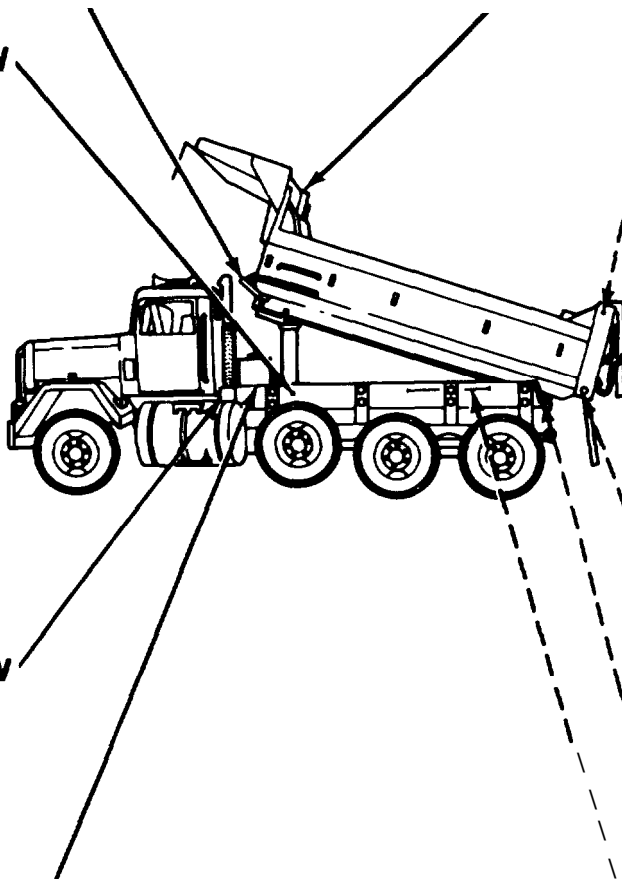
INTERVAL•LUBRICANT

Tailgate Control OE/ W  
Linkage (C) HDO  
(See LV-E)

W GAA Cylinder Top  
Pin Eye (C)  
(See LV-A)  
(See Notes 3&4)

Cylinder Bottom **GAA W**  
Pin Eye (C)  
(See LV-B)  
(See Note 2)

**W** OE/ HDO Upper Hinge Pins  
(Both Sides) (C)  
(See LV-F)



**W** OE/ HDO Tailgate Bottom  
Latch (C)  
(Sw LV-G)

**W G M** Rear Body  
Hinge Pins (C)  
(2 fittings)  
(See LV-H)

**W GM** Safety Strut  
Hinge (C)  
(2 fittings)  
(See LV-J)  
(See Note 2)

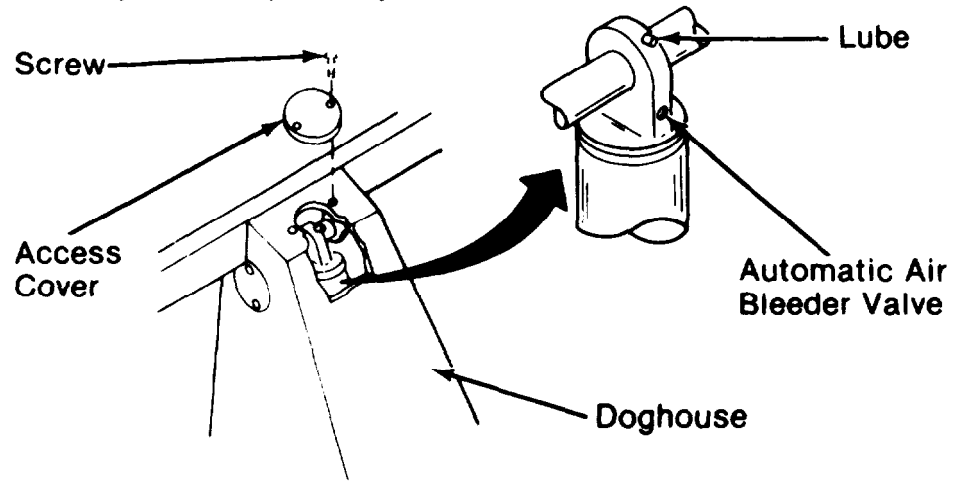
Tarpaulin OE/ **W**  
Container Access HDO  
Door Latch  
and Hinge (C)  
(See LV-C)

Hydraulic OE/ D  
Reservoir (C) HDO  
(See LV-D)  
(See Notes 3&5)

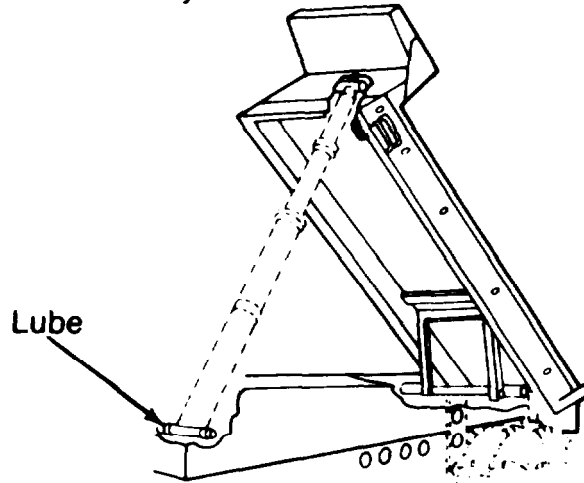
•LV - Locator views, to assist the user, are found immediately after the last illustration

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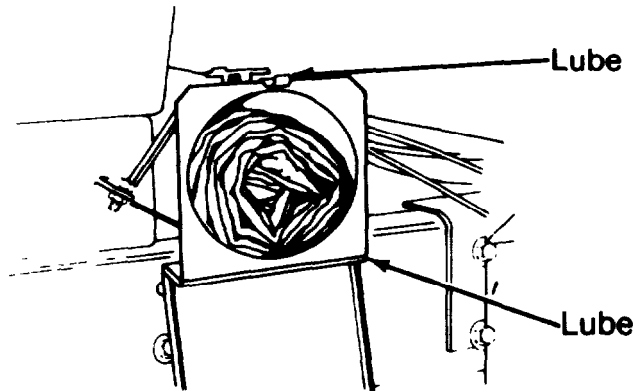
LV-A Cylinder Top Pin Eye



LV-B Cylinder Pin Eye

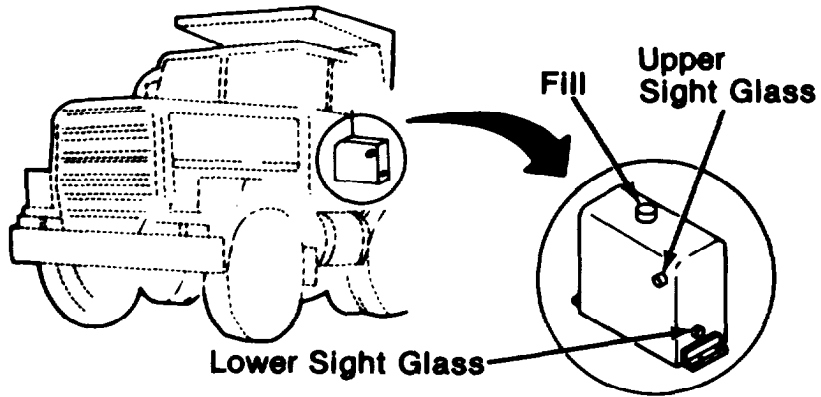


LV-C Tarpaulin Container Access Door Latch and Hinge

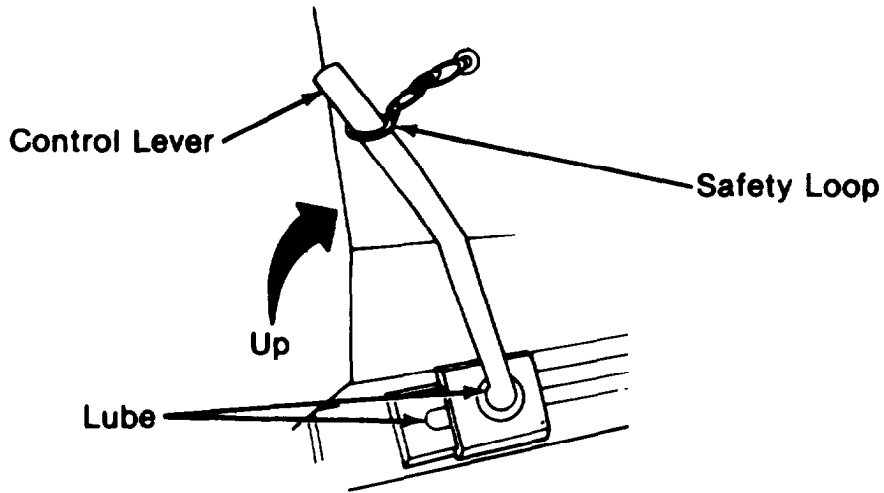


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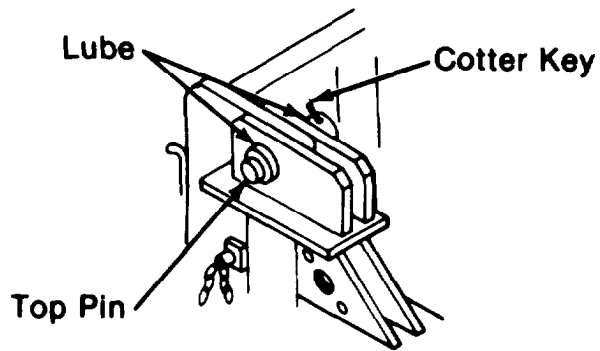
**LV-D Hydraulic Reservoir**



**LV-E Tailgate Control Linkage**



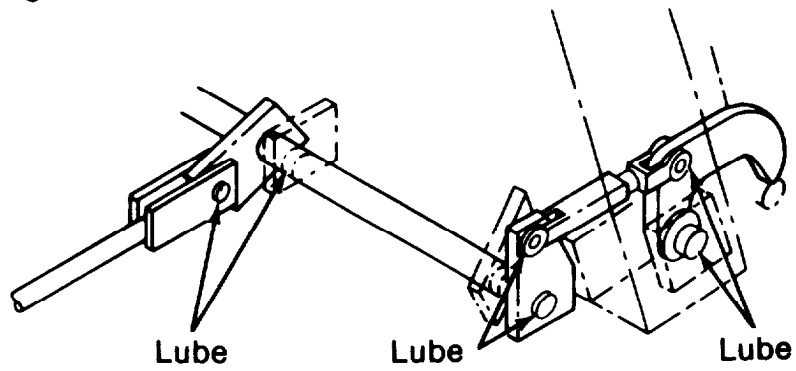
**LV-F Upper Hinge Pins**



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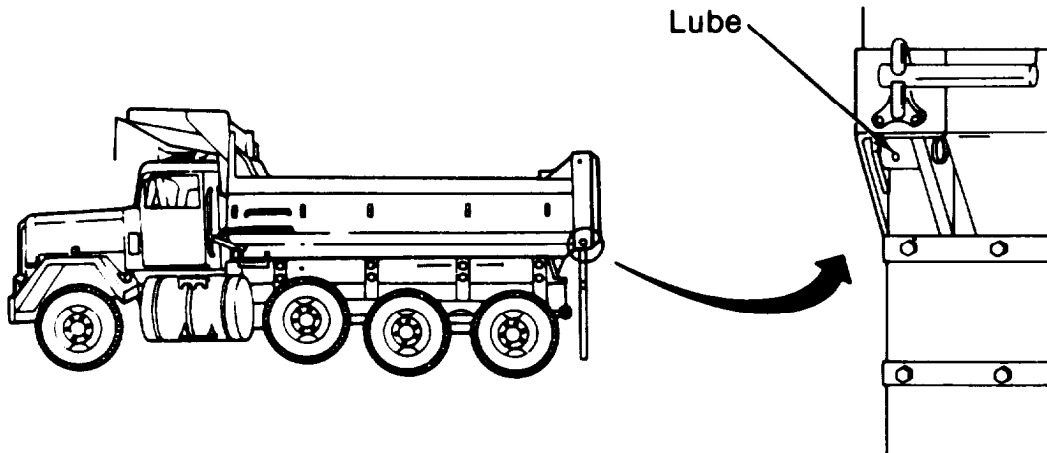
LV-G

### Tailgate Bottom Latch



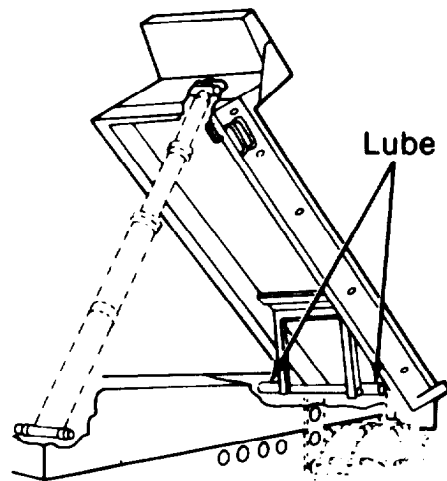
LV-H

### Rear Body Hinge Pins



LV-J

### Safety Strut Hinges



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\* KEY -

LUBRICANTS	CAPACITY	EXPECTED TEMPERATURES			INTERVALS
		Above +15°F (Above -9°C)	+40° to -15°F (+4° to -26°C)	+40° to -65°F (+4° to -54°C)	
<b>OE/HDO</b> - Lubricating Oil, Internal Combustion Engine, Tactical Service  <b>OEA</b> - Lubricating Oil, Internal Combustion, Arctic - Hydraulic Reservoir - Tarpaulin Container Access-Door Latch and Hinge - Tailgate Control Linkage Upper Hinge Pins - Tailgate Bottom Latch	20 gals. (75.68 L)	OE/HDO 10	OE/HDO 10	OEA (See Note 1)	D - Daily W - Weekly
<b>GAA</b> - Grease, Automotive and Artillery  - Cylinder Top Pin Eye		ALL TEMPERATURES			

For Arctic operation refer to FM 9-207

\*See Note 6 for lubricant specification number.

**NOTES:**

1. FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURES BELOW -15°F (-26°C). Remove lubricants prescribed in Key for temperatures above -15°F (-26°C). Relubricate with lubricants specified in Key for temperatures below -15°F (-26°C). 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 all temperature ranges where OE/HDO-10 is specified in the Key.

2. EQUIPMENT CONDITION.

**WARNING**

When working around, near, or under dump body in the raised position, BE SURE safety strut is engaged.

**NOTE**

All lubrication tasks can be performed with the dump body DOWN except lubrication of the safety strut and bottom pin eye.

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**NOTES - CONTINUED:**

**3. CLEANING BEFORE LUBRICATION.**

Before removing reservoir fill cap or access cover to top pin eye of hoist cylinder, wipe off area to remove accumulated dirt.

**4. ACCESS TO HYDRAULIC LIFT CYLINDER COMPONENTS.**

To reach the lubrication point for the top pin eye, remove the access cover on top of the dog house at the front of the dump body.

**5. CHECKING AND MAINTAINING OIL LEVEL.**

Be sure dump body is down before starting hydraulic oil reservoir check. Visually inspect top sight glass. If oil is visible, do not add any oil. If not visible, add lubrication oil (OE/HDO) until oil level is visible in the upper sight glass. Do not over fill. Drain and refill anytime oil becomes contaminated.

**6. LUBRICANTS.**

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

OE/HDO	MIL-L-2104
OEA	MIL-L-46167
GAA	MIL-G-10924
(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 12-25B, Operator and Organizational maintenance requirements for Dump Truck Bodies.

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