

16 SEPTEMBER 1983

**TOPOGRAPHIC SUPPORT SYSTEM
DISTRIBUTION SECTION
MODEL-ADC-TSS-3
NSN: 6675-01-105-5753**

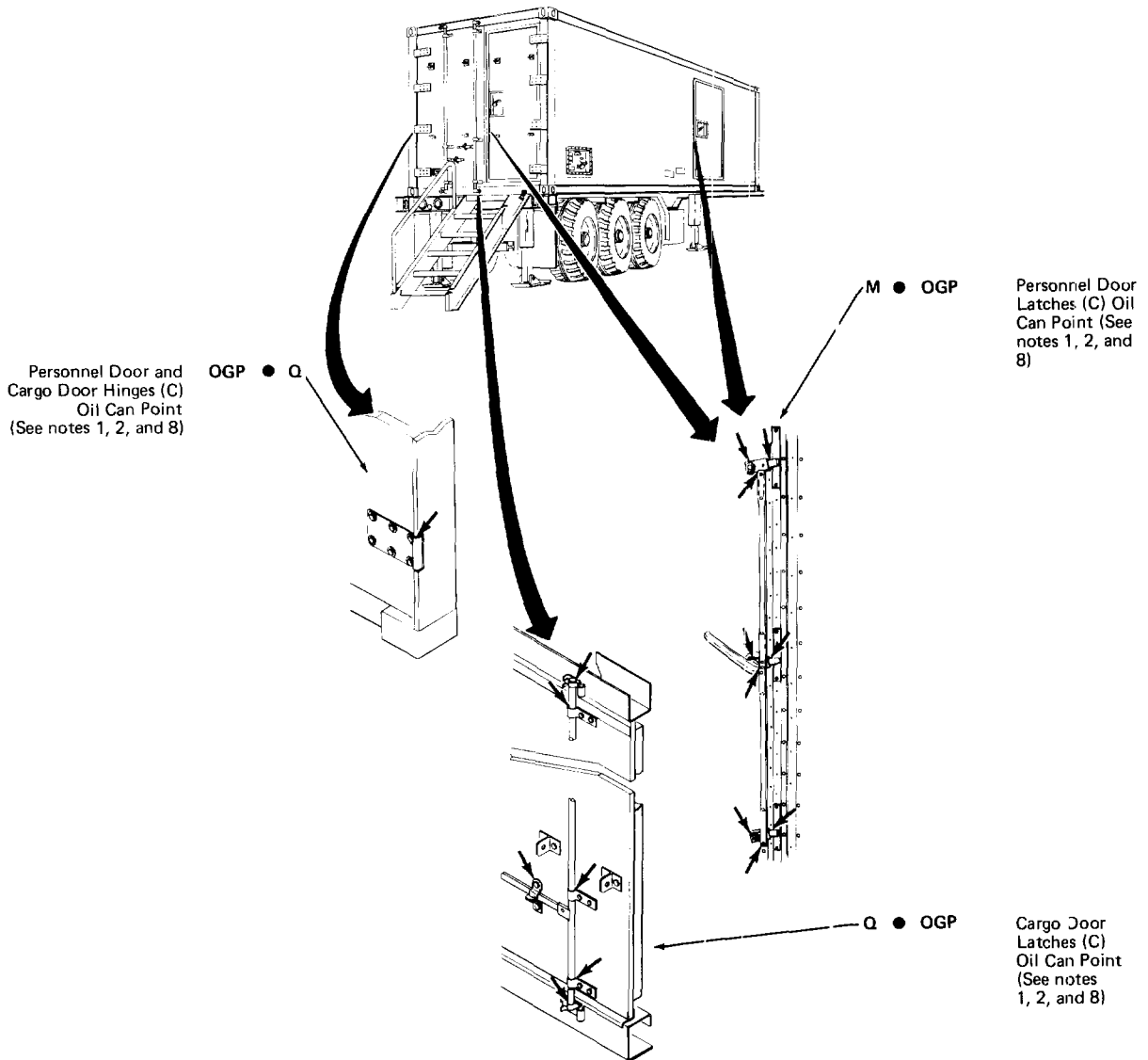
Reference TM5-6675-315-14 and C9100-IL

Intervals and the related manhour times are based on normal operation. The manhour time specified is the time you need to do all the services prescribed for a particular interval. Decrease the interval and lubricate more frequently if your lubricants have been contaminated or you are operating under adverse conditions, including longer than usual operating hours. The intervals between lubrications may be extended during periods of low activity, but only if adequate preser-

vation precautions have been taken. The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols: Operator/Crew (C) and Organizational Maintenance (O). Clean all fittings, plugs, and caps before removal and/or lubrication. Remove all excess oil or grease after lubrication. If possible, exercise moving parts to distribute lubricant evenly. Lubricate all oil can points after washing or fording.

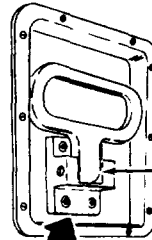
LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT

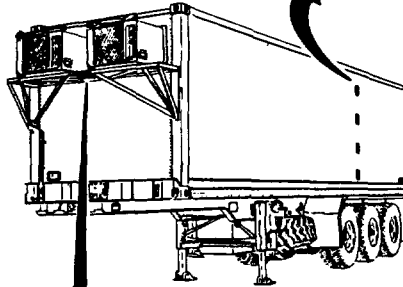


LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT

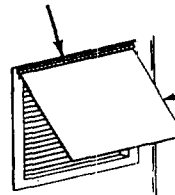
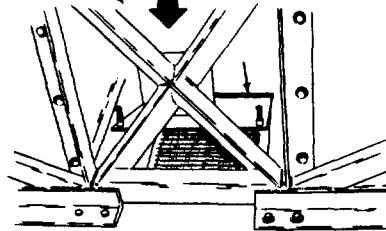


C ● OGP Retractable Step Hinge (C) Oil Can Point (See notes 1, 2, and 8)



Air Vent Hinge (C) Oil Can Point (See note 8)

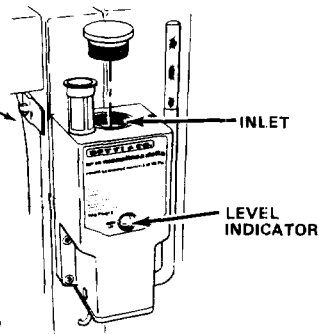
OGP ● M



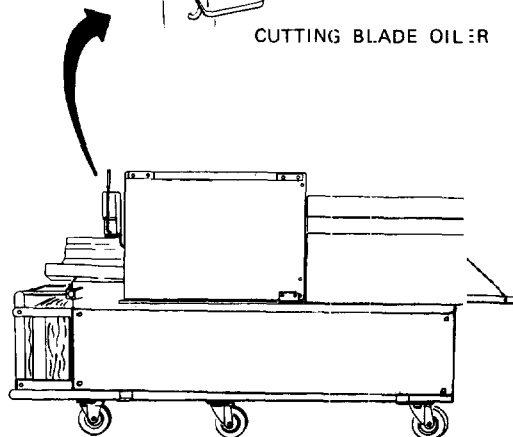
MI ● OGP Exhaust Fan Cover (C) Oil Can Point (See notes 1, 2, 3, and 8)

Cutting Blade Oiler(C) Check oil level (See notes 2 and 7)

D ● GO-140



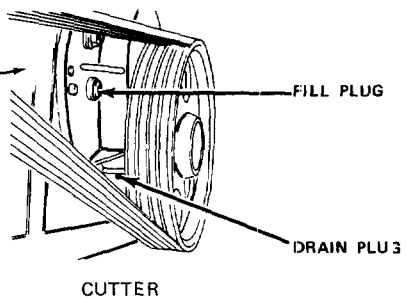
CUTTING BLADE OILER



SHREDDER BAGGER

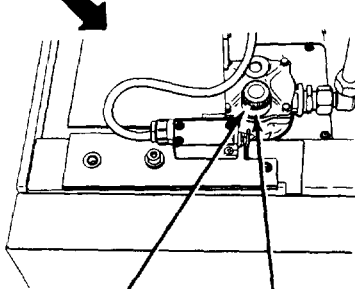
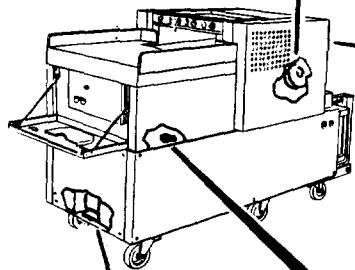
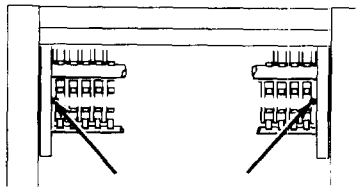
Cutter, Change oil (O)
(See notes 2 and 4)

GO-140 ● A



GAA ● M

Cutter, Lube
grease fittings (O)
(See notes 1, 9, and 10)
Hydraulic

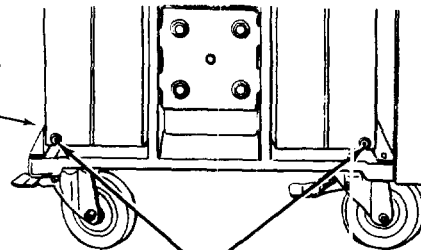


HYDRAULIC UNIT

A SD-2 Hydraulic Unit
Filter (O)
(See note 6)

Hydraulic Unit,
Change fluid (O)
(See notes 2 and 5)

OHT ● A



HYDRAULIC UNIT

TOTAL MAN - HR		TOTAL MAN - HR	
INTERVAL	MAN - HR	INTERVAL	MAN - HR
M	0.3	Q	0.6
D	0.1	A	2.3

KEY

LUBRICANTS	EXPECTED TEMPERATURES	INTERVALS
OGP (MIL-L-7870) LUBRICATING OIL, GENERAL PURPOSE, LOW TEMPERATURE PERSONNEL DOOR AND CARGO DOOR HINGES PERSONNEL DOOR LATCHES CARGO DOOR LATCHES RETRACTABLE STEP HINGE EXHAUST FAN COVER AIR VENT HINGE	All Temperatures	D DAILY M MONTHLY Q QUARTERLY A ANNUALLY
OHT (MIL-H-6083) HYDRAULIC FLUID, PETROLEUM BASE, PRESERVATIVE HYDRAULIC UNIT		
SD-2 (P-D-680) SOLVENT, DRY CLEANING HYDRAULIC FILTER		
GO-140 (MIL-L-2105) LUBRICATING OIL, GEAR, MULTIPURPOSE CUTTER CUTTING BLADE OILER		
GAA (MIL-G-10924) GREASE, AUTOMOTIVE AND ARTILLERY CUTTER GREASE FITTINGS		

NOTES

- Before lubricating, wipe all points free of dirt, grease or dust.
- Wipe all surplus oil from surfaces after lubrication.
- When lubricating hinges, be sure oil covers entire length of hinge.
- Remove side panel. Place a container under cutter mechanism drain plug. Remove fill plug, then remove drain plug and drain oil. Clean and reinstall drain plug. Pour 1/2 quart GO-140 into cutter fill opening. Reinstall fill plug. Reinstall side panel.
- Lower (electrical) front flap. Remove mounting screws located beneath each forward corner of the feed table. Grasp both sides of table. Lift front end of table till it forms a 30 degree angle with machine. Lift table straight up until hooks clear. Remove screws which secure front cover and remove cover. Remove hydraulic unit fill cap. Remove drain plug from one of the hydraulic reservoirs and drain contents into a container. Replace drain plug and drain the other reservoir. Total hydraulic system capacity is 6 gallons. Refill hydraulic system with OHT. When tank appears two-thirds full, check level by inserting measuring rod into tank. When fluid level reaches 9 1/2 in., system is full. Reinstall fill cap. Reinstall bottom front cover. Reinstall feed table.
- Filter should be cleaned with SD-2 whenever hydraulic fluid is changed.

7. Remove oiler cap and check fluid level. If fluid level is below cap more than 2 in., add GO-140 until full.

8. OIL CAN POINTS. In accordance with the intervals listed in this Lubrication Order, lubricate the Door Hinges and Latches, Step Hinges, Air Vent Hinge, and Exhaust Fan Cover Hinge with OGP.

9. Remove rear cutter mechanism cover. Remove funnel plate. Apply two grease gun strokes to each grease fitting.

10. Wipe all excess grease from fittings after lubricating.

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,
 Operator maintenance requirements for Mapping.