# SECTION 10 LUBRICATION

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#### LUBRICATION

Engine crankcase oil should be checked daily or before the start of each run and oil added to bring the level to the "Full" mark on the dipstick. A new oil filter element should be installed each time the crankcase oil is changed.

#### **OIL CHANGES**

The oil service period is dependent on the operating conditions (e.g. load factors, etc.) of an engine that will vary with the numerous service applications. The oil change interval should be based on 300 operating hours times the average vehicle operating speed. See the example in the chart, below.

AVG. OPERATING SPEED	OIL CHANG	E INTERVAL
	Miles	Km
50 mph (x 300 hrs =)	15,000	24,000
40 mph	12,000	19,000
30 mph	9.000	14.500

The oil change interval may be gradually increased or decreased with experience on a specific lubricant while also considering the recommendations of the oil supplier (analysis of drained oil can be helpful) until the most practical oil change period for the particular service has been established.

Solvents should not be used as flushing oils in running engines. Dilution of the fresh refill oil supply can occur, which may be detrimental.

Full flow oil filtration systems have been used in 6V-92 and 8V-92 diesel engines since they were first introduced. For the best results, the oil filter element should be replaced each time the oil is changed.

Engine flow oil temperature should be checked every 25,000 miles (40,000 km) to determine oil cooler efficiency. This check should be made by inserting a steel jacketed thermometer in the dipstick opening immediately after stopping a hot, loaded engine. If the oil temperature exceeds the coolant temperature by more than 60°F (33°C), the oil cooler may be clogged.

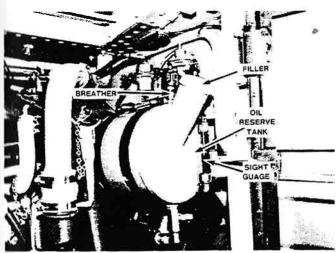


Figure 10-1. Engine Lubrication Tank (Optional) and Related Components.

Satisfactory prolonged heavy-duty engine operation requires heavy-duty lubricating oils with additives. These oils provide better lubrication, have more heat resistance and counteract sludge formation more effectively than the straight mineral type oils. Refer to Section 8, Engine, for detailed oil specifications.

#### **OIL RESERVE TANK**

A two-gallon (7.6 L) oil reserve tank is available as optional equipment (see figure 10-1). It is connected to the crankcase by a hose with a shut-off valve, allowing oil to be added to crankcase by opening the valve. Comparison of oil levels in the sight gauge, before and after adding oil to the crankcase, shows how much oil was added.

#### **COLD WEATHER OPERATION**

Cold weather starting will be easier when immersion type electrical coolant heaters are used. Other practical consideration, such as the use of batteries, cables and connectors of adequate size, proper setting of voltage regulators, ether starting aids, and proper fuel selection will enhance starting with the use of SAE30 or SAE40 oils.

#### **BREAK IN PERIOD**

Lubricant in the transmission and differential supplied as "factory fill" in new coaches should be drained and refilled after 1,000 miles (1,600 km) and in no case over 3,000 miles (4,800 km) of initial operation.

A lubrication chart is included in this section to give approximate location of key service points on the 96A2/102A2 and 96A3/102A3 model coaches. Where cleaning, removal or disassembly are required for lubrication purposes, these procedures are covered in the applicable sections of this manual.

Lubricant compartments of the engine and transmission are provided with dipsticks for checking lubricant level. Power steering fluid reservoir and blower drive gear box are equipped with sight gauges to facilitate checking of oil level.

A preventive maintenance schedule is also included at the end of this section. It includes lubrication, cleaning and inspection intervals.

#### FLEXIBLE HOSES

#### MAINTENANCE

The performance of the engine and auxiliary equipment is greatly dependent on the ability of flexible hoses to transfer lubricating oil, air, coolant, and fuel oil. Main enance of hoses is an important step to ensure efficient, economical and safe operation of the engine and related equipment.

Check hoses daily as part of the pre-start up inspection. Examine hoses for leaks, and check all fittings, clamps, and ties carefully. Ensure that hoses are not resting on or touching shafts, couplings, heated surfaces including exhaust manifolds, any sharp edges, or other obviously hazardous areas. Since all machinery vibrates and moves to a certain extent, clamps and ties can loosen and wear with age. To ensure continued proper support, inspect fasteners frequently and tighten or replace them as necessary.

Investigate leaks immediately to determine if fittings have loosened or cracked and also if hoses have ruptured or worn through. Take corrective action immediately. Leaks are not only potentially detrimental to machine operation, but can also result in added expense caused by the need to replace lost fluids.

> WARNING: Personal injury and/or property damage may result from fire due to the leakage of flammable fluids such as fuel or lube oil.

#### SERVICE LIFE

A hose has a limited service life, determined by the temperature and pressure of the gas or fluid within it, time in service, mounting, ambient temperatures, amount of flexing, and the vibration it is subject to. With this in mind, TMC/MCI recommends that all hoses be thoroughly inspected at least every 500 operating hours and/or annually. Look for cover damage or indications of damaged, twisted, worn, crimped, brittle, cracked, or leaking lines. Hoses having the outer cover worn through or damaged metal reinforcement should be considered unfit for

TMC/MCI further recommends that all hoses be replaced during major overhaul and/or after a maximum of five years service. Replacement hose assemblies should always be equal or superior to the original equipment supplied with the engine.

Review the plumbing and fasten hoses only after the engine or related machinery are installed. Make sure that hoses are routed and clipped properly to prevent damage from vibration. abrasion, heat, and mechanical loads. Extra fasteners or readjustment of an existing support may be required during the operating life of a unit.

Hoses routed close to heated surfaces may have a shortened service life. Additional shields or protective sleeves may extend hose life in special applications where shortened life is anticipated or has been experienced. Consult with the hose manufacturer relative to alternate hose compositions where shields and sleeves are impractical.

The service life of a hose may also be reduced by exposure to road salt. Some types of hoses with wire braid reinforcement

are subject to oxidation damage and a subsequent reduction in hose strength.

The proper installation, routing and fitting torque criteria for hoses can be obtained from major hose suppliers and manufacturers.

#### **GREASE FITTING PLATE**

A grease fitting mounting plate is attached to a master bracket in the left front service compartment to the rear of the pitman arm. These zerk fittings are connected to lubricating lines which lead to points listed on the nameplate. See figure

The nameplate explains the function of each fitting.

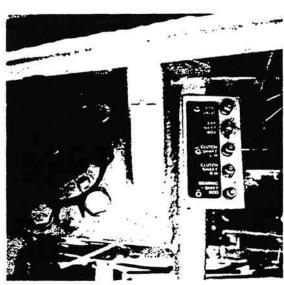


Figure 10-2. Grease Fitting Mounting Plate.

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Check and Replace Element As Required

L-5

L-5

#### LUBRICATION SCHEDULE (Refer to figure 10-3 for locations.)

TEM NUMBER*	DESCRIPTION	LUBE METHOD	LUBRICANT**
fi "	Engine Crankcase	Fill	0-1 (SAE 30 or 40)
2	Blower Gearbox	Fill	0-1 (SAE 30)
3	Power Steering Reservoir	Fill	0-1 (SAE 10-W-40)
4	Front and Trailing Axle Wheel Bearings	Fill	0-1 (SAE 30)
5	Transmission (automatic)	Fill	0-5
- 76	Transmission (standard)	Fill	0-1 (SAE 30 below 10°F/-18°C) (SAE 40 or 50 above 10°F/-18°C
ERVICE INT	ERVAL B — Every 150 hrs or 5.000	miles (8,000 km).	`
	ERVAL B — Every 150 hrs or 5,000		· · · · · · · · · · · · · · · · · · ·
ERVICE INT	Tie rod ends and lower drag link ends	Zerks (all points)	L-5
6 & 7 8	Tie rod ends and lower drag link ends Brake Camshaft - front wheels	Zerks (all points) Zerks (each side)	L-5 L-5
6 & 7	Tie rod ends and lower drag link ends Brake Camshaft - front wheels Front Slack Adjusters	Zerks (all points) Zerks (each side) Zerks (each side)	L-5 L-5 L-5
6 & 7 8	Tie rod ends and lower drag link ends Brake Camshaft - front wheels Front Slack Adjusters King Pin Bushings, upper and lower	Zerks (all points) Zerks (each side) Zerks (each side) 2 Zerks (each side)	L-5 L-5 L-5 L-5
6 & 7 8 9	Tie rod ends and lower drag link ends Brake Camshaft - front wheels Front Slack Adjusters King Pin Bushings, upper and lower Propeller Shaft	Zerks (all points) Zerks (each side) Zerks (each side) 2 Zerks (each side) 3 Zerks	L-5 L-5 L-5 L-5 L-5
6 & 7 8 9 10 11	Tie rod ends and lower drag link ends Brake Camshaft - front wheels Front Slack Adjusters King Pin Bushings, upper and lower Propeller Shaft Brake Camshafts - rear	Zerks (all points) Zerks (each side) Zerks (each side) 2 Zerks (each side) 3 Zerks Zerk (each side)	L-5 L-5 L-5 L-5 L-5 L-5
6 & 7 8 9 10 11 12 13	Tie rod ends and lower drag link ends Brake Camshaft - front wheels Front Slack Adjusters King Pin Bushings, upper and lower Propeller Shaft Brake Camshafts - rear Rear Slack Adjusters	Zerks (all points) Zerks (each side) Zerks (each side) 2 Zerks (each side) 3 Zerks Zerk (each side) Zerk (each side)	L-5 L-5 L-5 L-5 L-5 L-5
6 & 7 8 9 10 11 12	Tie rod ends and lower drag link ends Brake Camshaft - front wheels Front Slack Adjusters King Pin Bushings, upper and lower Propeller Shaft Brake Camshafts - rear	Zerks (all points) Zerks (each side) Zerks (each side) 2 Zerks (each side) 3 Zerks Zerk (each side)	L-5 L-5 L-5 L-5 L-5 L-5

Zerk

#### **Steering Gear Compartment**

Air Cleaner (Dry Type)

Clutch Linkage

Trailing Axle Pivot

16

38

19	Steering Drag Link End	Zerk	L-5
20	Steering Shaft U-joint	2 Zerks	L-5
21	Steering Shaft Slip Joint	Zerk	L-5
40	Fitting on Front Central Lube Plate	3 Zerks	L-5
41	Clutch Lever Bearing	Zerk	L-5

#### **Engine Compartment**

22A	A/C Compressor Mounting Pivot	Zerk	L-5
22B	Shutter Rods & Cranks	Apply	0-2
43	Clutch Release Bearing	Żerk	A-2

<sup>\*</sup> See Location Diagram, figure 10-3.

<sup>\*\*</sup> See Lubricant Requirements Chart.

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#### SERVICE INTERVAL C — Every 300 hrs or 10,000 miles (16,000 km).

ITEM NUMBER*	DESCRIPTION		LUBE METHOD	LUBRICANT**	
23	Engine Crankcase		Drain, Fill	0-1 (SAE 30 or 40)	
24	Engine Oil Filter		Change		
25	Shutterstat Air Filter		Add	F-2	
	Service Door Hinges		Apply	L-3	
44	Fuel Filters		Change		
26	Entrance Door Linkage (remove panel for access behind target panel) &		Apply	0-2	
45	Door Air Lock Mechanism Entrance Door Hinges	(8)	Apply	L-3	

#### SERVICE INTERVAL D — Every 750 hrs or 25,000 miles (40,000 km).

27	Brake Anchor Pins	4 Zerks (2 ea. side)	L-5
	(Caution: Do not overlubricate.)		
15	Differential	Drain,Fill	G-1 (Below 0°F/-18°C)
			G-S (Above 0°F/-18°C)

#### SERVICE INTERVAL E — Every 1,500 hrs or 50,000 miles (80,000 km).

	Air Cylinders - various locations	Remove air lines and apply	0-1 (SAE 30)
29	A/C Compressor Air Cylinder	Apply	0-1 (SAE 30)
30	Blower Air Cylinder	Apply	0-1 (SAE 30)
31	Steering Column	2 Zerks	L-5
32	Baggage Door and Side Service Door Locks	Apply	0-2
33	Transmission Oil Filter	Replace Element	
34	Condenser Door and Check Strap	Apply	0-2
35	Fuel Tank Door	Apply	0-2
36	Battery Door and Catch	Apply	0-2
42	Transmission (standard)	Drain, Flush, Refill	0-1 (SAE 30 Below 10°F/-12°C) 0-1 (SAE 40 or 50 Above 10°F/-12°C)

#### SERVICE INTERVAL F — Every 2250 hrs or 75,000 miles (121,000 km).

3	Power Steering Reservoir Filter	Replace Element	0-1 (SAE 10-W-40)
37	Power Steering Line Filter	Replace Element	0-1 (SAE 10-W-40)
	Air Suspension Filter	Replace Element	

### SERVICE INTERVAL G — Every 3,000 hrs or 100,000 miles (161,000 km); at each brake rebuild.

4 Wheel Bearings and Seals	Inspect, Apply	0-1 (SAE 30)
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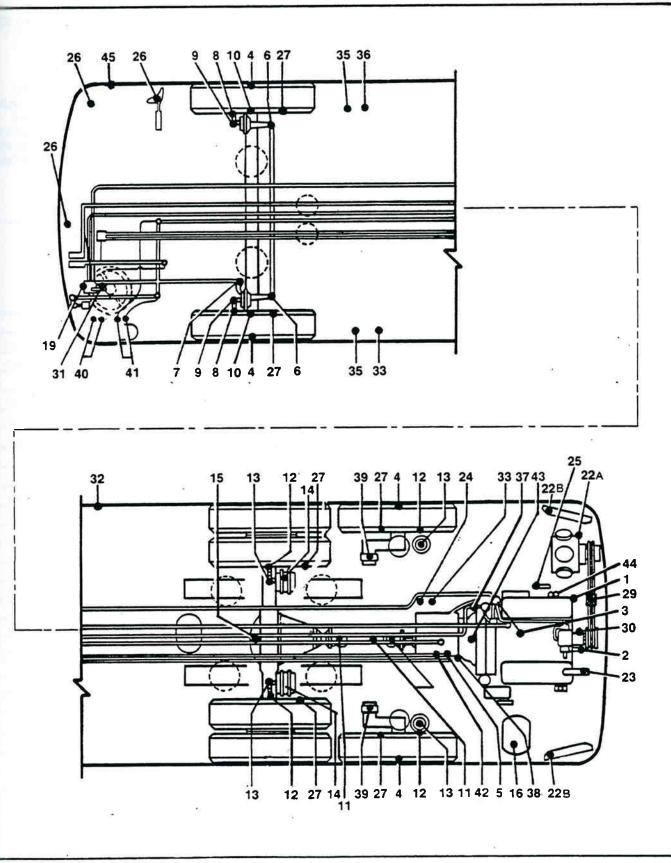


Figure 10-3. Lubrication Item Numbers and Locations.

<sup>\*</sup> See Location Diagram, figure 10-3. \*\* See Lubricant Requirements Chart.

Date

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#### ROUTINE SERVICE

RICATIO	NCODE		
0-1	H.D. Engine Oil MIL-L-2104C or MIL-L-46152		
0-2	Rust Preventative Oil		
0-5	Dexron II® Automatic Transmission	on Oil	
L-2	High Melting Point Water Resista	nt Lithium-Base Grease	
L-3	"Lubriplate" No. 105		
L-5	Molybdenum Disulphide Grease		
L-6	Molykote #DC-55M	¥	
G-1	General Purpose Gear Lubricant (A.P.I. Spec. GL5)	-SAE 90	
G-2	General Purpose Gear Lubricant (A.P.I. Spec. GL5)	-SAE 140	
F-1	Silicone Fluid - 750 Centistokes	Viscosity	
F-2	Special "Kysor" Air Filter Fluid		
A-1	10W40 Engine Oil - The Only Ap	10W40 Engine Oil - The Only Approved products are:	
	Marketer Mobil Oil Corporation Texaco Refinery Corporation Valvoline Oil Company	Trade Name Mobil Super Texaco Havoline Supreme Valvoline DII Climate Valvoline XLD Ashland 300M Ashland 4S	
	Union Oil Company	Union Super	
A-2	High Temperature Grease such a		
	American Oil Co. City Service Co. Keystone Lubricating Co. Mobile Oil. Shell Oil Co. Atlantic Richfield Co. Texaco Humble Oil Co. Shell Oil Co.	Amoco Lithium - M.P. Grease Citgo Premium Lithium Grease No. 2 No. 81 Light Mobilgrease M.P. Retinax A Arco M.P. Multifak No. 2 Lidok 2 Alvania No. 2 Teknifay BBB-2 SBI	

Date \_

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## Preventive Maintenance (PM) Schedule

The following preventive maintenance schedule is a compilation of suggested maintenance operations contained in this maintenance manual.

Service intervals may be given as regular intervals (Reg. Int.) months and/or miles. Regular intervals must be determined by shop personnel based on operating conditions, component failure history and previous experience. In cases when both time (in months) and miles (in thousands) are given for a particular operation, maintenance should be performed at whichever interval first occurs.

					SERVICE INTERVAL (Mile										es)		1	
MAINTENANCE OPERATION	Lube Key	Months	Reg. Int.	5,000	10,000	12,000	15,000	18,000	20,000	25,000	30,000	50,000	100,000	200,000	250,000			
1 - FRONT AXLE											97.2						I	]
FRONT AXLE INSPECTION			•															
CHECK FRONT AXLE WHEEL ALIGNMENT			•															┛
2 - REAR AXLE																		⅃
CHECK OIL LEVEL - (DIFFERENTIAL)			•															1
DRAIN & FILL - (DIFFERENTIAL)										•								1
INSPECT REAR AXLE			•															_
3 - BODY													0.0					
INSPECT WINDSHIELD WIPERS			•															┚
INSPECT & ADJUST ALL DOORS & LINKAGE		3																
INSPECT & LUBE DRIVER'S SEAT		6														2		
INSPECT WALL & ROOF SEAMS			•															
LUBRICATE SERVICE DOOR HINGES					•	X												
LUBRICATE ENTRANCE DOOR HINGES			•															
CHECK & LUBRICATE BAGGAGE DOOR LOCKS				•														1
4 - BRAKES & AIR SYSTEM		L														•		1
INSPECT ALL AIR LINES & FITTINGS				•														1
INSPECT AIR RESERVOIR			•															_
TEST LOW PRESSURE INDICATOR	94	6																⅃
CLEAN & INSPECT SINGLE CHECK VALVES		6								L								┙
TEST PRESSURE PROTECTION VALVE OPERATION		3									•							
INSPECT FRONT BRAKE HARDWARE			•															1
INSPECT & TEST FRONT BRAKE CHAMBERS			•															┛
REPAIR & TEST FRONT BRAKE CHAMBERS		12											•					┙
CLEAN & INSPECT QUICK RELEASE VALVES		12																┙
LUBRICATE BRAKE CAMSHAFTS				•														
LUBRICATE SLACK ADJUSTERS				•														╛
LUBRICATE BRAKE SHOE ANCHOR PINS										•								
INSPECT SLACK ADJUSTERS			•								-							

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	_					SERVICE INTERVAL (Miles)										
MAINTENANCE OPERATION	Lube Key	Months	Reg. Int.	5,000	10,000	12,000	15,000	18,000	20,000	25,000	30,000	50,000	100,000	200,000	250,000	
4 - BRAKES & AIR (CONT'D)										Ĺ						
LUBRICATE BRAKE & ACCELERATOR TREADLES				•												
CLEAN & INSPECT BRAKE TREADLE VALVE				•												
INSPECT AIR INTAKE SYSTEM			•													
INSPECT AIR COMPRESSOR		6										•				
INSPECT & CLEAN AIR COMPRESSOR		24												•		1
CLEAN COMPRESSOR GOVERNOR FILTERS			L	L		L	•	L	L	L	L		Ц			1
CLEAN & INSPECT COMPRESSOR GOVERNOR								L	L				•			
CLEAN & INSPECT AUTOMATIC DRAIN VALVE			•													
INSPECT AIR DRYER		3	•						L		L		Ц			
REPLACE DRYER DESICCANT		12														
INSPECT PARKING BRAKE RELAY VALVE		1			•					L						
CLEAN & INSPECT PARKING BRAKE RELAY VALVE		12	L	L	L	_	_	_	_	1	1	•			$\perp$	-
CLEAN & INSPECT REAR SERVICE PARKING BRAKE		12	L	L					_	L	L	•			1	1
INSPECT REAR BRAKE HARDWARE				•	L			L	L	_	L	L			Н	1
LUBRICATE BRAKE SHOE ANCHOR PINS			L	L	L	L	L	L	L	•	_	L	Ш		Ц	1
LUBRICATE BRAKE CAMSHAFTS		L	L	•		L										1
LUBRICATE SLACK ADJUSTERS	1			•											Ц	1
CLEAN & INSPECT DOUBLE CHECK VALVES									L	L		•			Ш	1
INSPECT & TEST PRESSURE REDUCING VALVE	7		L					L	L	L	•	L	L		Ш	_
CLEAN & TEST PRESSURE REDUCING VALVE					L		L		L	L		•				_
LUBRICATE SHUTTERSTAT AIR FILTER					•		L								Ц	_
AIR CYLINDERS - REMOVE AIR LINES & OIL									┖			•			Ц	
CLEAN & INSPECT PARKING BRAKE CONTROL VALVE		12		L			L		L			L	•			
5 - CLUTCH					L			L							Ц	
INSPECT & LUBE CLUTCH LINKAGE				•											Ц	
LUBE CLUTCH LEVER GEARING				•						L	1					
LUBE CLUTCH RELEASE BEARING				•	L										Ш	
6 - COOLING SYSTEM										L						
INSPECT COOLING SYSTEM			•	1	L									L		
LUBRICATE SHUTTER RODS & CRANKS				•					1						Ц	
LUBRICATE BLOWER AIR CYLINDER												•			Ш	
CHECK COOLANT LEVEL			•													
CHECK WATER FILTER						•			1					L		
CHECK BLOWER GEAR BOX			•													
7 - ELECTRICAL SYSTEM		1														
TEST ALTERNATOR OUTPUT		1		•										L	$\sqcup$	
INSPECT VOLTAGE REGULATOR			•		L					1						
INSPECT STARTER																

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			SERVICE INTERVAL (Miles)																
MAINTENANCE OPERATION	Lube Key	Months Reg. Int.	Months Reg. Int.	Months Reg. Int.	2,000	10,000	12,000	15,000	18,000	20,000	25,000	30,000	50,000	100,000	200,000	250,000			
8 - ENGINE																		_	
INSPECT ENGINE THERMOSTAT		12							•										
INSPECT INJECTORS & VALVE LASH		30										•		L			_		
REPLACE ENGINE LUBE OIL					•					•			L						
CHECK ENGINE LUBE OIL LEVEL			•																
REPLACE ENGINE LUBE OIL FILTERS					•														
INSPECT TURBOCHARGER			•																
INSPECT EXHAUST SYSTEM			•																
9 - FUEL SYSTEM																		L	
INSPECT FUEL SYSTEM				•							L	L	L		L			L	
REPLACE FUEL FILTERS		6			•							L	L		L			L	
INSPECT THROTTLE DELAY		30										•	L	_				L	
11 - STEERING			L	L		L		L	L	L	L	L	L	L	L			L	
LUBRICATE DRAG LINK ENDS		L	L	•	L			L	L	L	L	L	_	L	_			L	
LUBRICATE STEERING TIE ROD ENDS			L	•				L		L		L	╀	_	1			L	
LUBRICATE STEERING SHAFT SLIP JOINT		L	L	•	L	L	L		L	L	$\vdash$	L	1	1	1			L	
LUBRICATE STEERING SHAFT U-JOINT			L	•	L		L	L	L	L	L	L	_	1	-			Ļ	
CHECK POWER STEERING RESERVOIR		L		L	L				L	1	_	_	1	_	_	-		ļ	
STEERING COLUMN LUBE		1			L	_			L	1	1	•	1	-	-	_		ļ	
REPLACE POWER STEERING RESERVOIR FILTER		1	1	L	-		L	L	L	L	╀	•	+	1	1	_	_	ļ	
REPLACE POWER STEERING LINE FILTER		L	1	1	L	L	L	_	L	L	L		+	╀	╄	-	_	Ļ	
INSPECT STEERING TORQUES		1	1	1	_	L	L	•	_	•	1		1	$\perp$	-	1	L	ļ	
12 - SUSPENSION			1	L	1		L		L	1	1	1	1	+	1	╄	L	ļ	
CHECK FRONT RIDE HEIGHT		1	•	1	1	1	L	L	L	$\perp$	╀	+	$\perp$	╀	+	L	L	ļ	
CHECK TIRE INFLATION		1	•	1	1	1	L	_	L	+	1	$\perp$	1	+	+	-	-	1	
INSPECT SUSPENSION TORQUES		1			1	1	L		1		1	•	1	+	1	L	L	1	
INSPECT REAR SUSPENSION			•	1		1	L	1	1	1	1	+	1	+	+	╄	L	1	
CHECK REAR RIDE HEIGHT		1	•		1	1	┖	$\perp$	1	1	1	1	1	1	1	1	L	1	
LUBRICATE TRAILING AXLE PIVOT				•	1	$\perp$	┺	$\perp$	1	1	+	1	1	+	$\perp$	_	1	4	
13 - TRANSMISSION					1	1	1	1	1	1	1	1	1	1	+	1	1	1	
INSPECT TRANSMISSION			•		1	1	┸	┸	1	1	1	1	1	1	1	+	1	4	
CHECK FLUID LEVEL		1	•		1	1	1	1	1	1	1	+	1	1	1	+	-	1	
REPLACE TRANSMISSION OIL		1			1	1	1		1		1	•		1			1	1	
SERVICE TRANSMISSION INTERNAL OIL FILTER				1	1	1	1	1	1	1	1	1	_	1		1	+	4	
REPLACE TRANSMISSION EXTERNAL OIL FILTER				1	1	1	1	1	1	1	4	1	1	4	4	+	+	4	
14 - PROPELLER SHAFT		1	1	1	1	1	1	-	1	1	1	1	4	1	1	+	+	4	
LUBRICATE PROP SHAFT U-JOINTS				•			1	1	1	1	1	1	1	1	1	+	+	4	
LUBRICATE PROP SHAFT SLIP JOINT		1	1	•	•	1	1	1	1	-	1	1	4	4	+	+	+	_	
				1												_	1		

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MAINTENANCE OPERATION	Lube Key	Months	Reg. int.	5,000	10,000	12,000	15,000	18,000	20,000	25,000	30,000	50,000	100,000	200,000	250,000		
15 - WHEELS, HUBS & TIRES																	
INSPECT & ADJUST FRONT HUBS & BEARINGS				i				•									
INSPECT & SERVICE REAR HUBS & BEARINGS							•										
LUBE WHEEL BEARINGS													•				
16 - HEATING & A/C																	
AIR FILTER INSPECTION			•												П		
BLOWER DUCT INSPECTION				•											П	T	
CONDENSER FAN & MOTOR INSPECTION				•											П		
BELT INSPECTION (DAILY INSPECTION RECOMMENDED)			•							0.00				1 10			
INSPECT A/C COMPRESSOR				•													
INSPECT SUCTION & DISCHARGE LINES				•						Î							
INSPECT COILS				•													
INSPECT EVAPORATOR ENCLOSURE				•											П	T	
		П		Г			П	П			П				$\Box$	$\top$	
															П	T	
													SF (5)		П	T	
															П	$\top$	
		П										П			$\sqcap$	T	
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## MC-9 MAINTENANCE MANUAL

## SERVICE BULLETINS

Service Bulletins will be issued from time to time to acquaint users with the latest service procedures. The number, date and title of bulletins pertaining to this section should be noted below as soon as received. Bulletins should then be filed for future reference.

Number	Date	Subject
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