



- CHECK - Replenish if req'd. (See Lubricants Spec.)
  - △ GREASE (See Lubricants Spec.)
  - CHANGE FILTER □ CLEAN C - CHANGE
  - D - DAILY
  - W - WEEKLY
  - M - MONTHLY
  - S - 6 months and seasonal changes
- NOTE 1: Use recommended grit.  
NOTE 2: Use clean distilled water

Figure III-1. Lubrication & Maintenance Diagram

LEGEND TO FIGURE III - 1

KEY NO.	LUBRICATION AND MAINTENANCE POINTS	INTERVAL (Hours)
1 $\Delta$	Hi-Rail Cylinders (4) - 2 places each cylinder	500-1,000
2 $\Delta$	Steer Knuckle (4) - 2 places each (top & bottom)	200
3 $\Delta$	Tie Rod End (4) - 2 each axle	40
4 $\bullet$	Plug - Oil Level Check - Planetary End - 2 each axle	40
5	Plug - Drain and Filler - Planetary End - 2 each axle	
6 $\square$	Breather (4) - 1 each hub	40
7	Wheel Nuts - Check and tighten to 450-500 ft. lbs.	8
8 $\Delta$	Axle Cradle Pin (2)	8
9 $\Delta$	Steering Cylinder (2) - 2 places each cylinder	8
10 $\Delta$	Track Wheel Axle Pivot	40
11 $\Delta$	Hydraulic Axle Lockout Cylinder (2) - 2 places each cylinder	8
12 $\Delta$	Track Wheel (4) - 1 each wheel	40
13 $\Delta$	Hi-Rail Rocker Arm Shaft (2) - 1 each end of shaft	8
14 $\Delta$	Coupler Lift Cylinder - 2 places each cylinder	40
15 $\Delta$	Coupler Pivot Pin (2) - 1 each pin	40
16 $\bullet$	Differential Oil Level Plug - 1 each axle	40
17 $\mathbf{C}$	Differential Oil Drain Plug - 1 each axle	500-1,000
18	Differential Oil Filler Plug - 1 each axle	
19 $\bullet$	Dipstick - Engine Oil Level Check	8
20 $\circ$	Oil Filter - Engine	200
21 $\circ$	Fuel Filter	500-1,000
22 $\Delta$	Drive Shaft (2) - 3 places each assembly	40
23 $\bullet$	Dipstick - Transmission Oil Level Check (Clark)	8
24	Filler Cap - Transmission Oil	
25	Drain Plug (2) - Transmission Oil (Clark)	
26 $\bullet$	Oil Level Plug (Funk Transmission)	
27	Drain Plug - Transmission Oil (Funk)	
28 $\circ$	Transmission Oil Filter (Funk Transmission)	500-1,000
29 $\circ$	Transmission Oil Filter (Clark Transmission)	500-1,000
30 $\circ$	Hydraulic System Oil Filter	200
31 $\bullet$	Hydraulic Oil Reservoir Sight Gauge	8
32 $\square$	Hydraulic Oil Reservoir Sump Filter	500-1,000
33 $\square$	Hydraulic Oil Reservoir Filler Cap & Breather	40
34 $\bullet$	Fuel Tank	8
35 $\bullet$	Battery (2) - Use clean distilled water	8
36 $\bullet$	Radiator	8
37 $\square$	Air Cleaner (Dry Type)	8
38 $\square$	Air Cleaner (Oil Bath Type)	40
39 $\bullet$	Rail Sander (4) - Use recommended grit	8
40 $\square$	Differential Breather	40