

# **108SD AND 114SD MAINTENANCE MANUAL**

Models: 108SD

114SD

### **Page Description**

For an example of a 108SD and 114SD Maintenance Manual page, see Fig. 1.

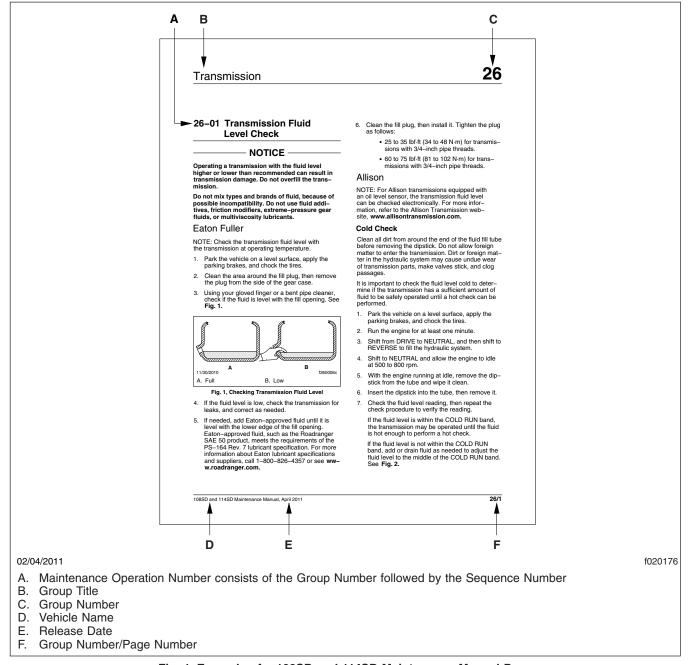


Fig. 1, Example of a 108SD and 114SD Maintenance Manual Page

## **Maintenance Manual Contents**

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General Information

# Index, Alphabetical

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## 00-01 Determining Scheduled Maintenance Intervals

# Determining Scheduled Maintenance Intervals

Performing regular maintenance will help ensure that your vehicle delivers safe, reliable service and optimum performance. A proper maintenance program will also help to minimize downtime and safeguard warranties.

To determine the correct maintenance intervals for your vehicle, you must first determine the type of service or conditions the vehicle will be operating in. Most vehicles operate in conditions that fall within one of two schedules. Before placing your vehicle in service, determine which schedule applies to your vehicle.

### Schedules

**Schedule I** (severe service) applies to vehicles that travel up to 6000 miles (10 000 kilometers) annually or that operate under severe conditions. Examples of Schedule I usage are:

- operation on extremely poor roads or where there is heavy dust accumulation
- constant exposure to extreme hot, cold, salt air, or other extreme climates
- frequent short-distance travel
- construction-site operation
- city operation such as fire truck and garbage truck.

· farm operation

**Schedule II** (short-haul transport) applies to vehicles that travel 6000 miles (10 000 kilometers) or more annually and operate under normal conditions. Examples of Schedule II usage are:

- operation primarily in cities and densely populated areas
- local transport with infrequent freeway travel
- high percentage of stop-and-go travel

#### Maintenance Intervals

After determining the schedule appropriate to your vehicle, refer to **Table 1** to determine when to perform the Initial Maintenance (IM) and the frequency of performing subsequent maintenance intervals for each schedule.

## **Maintenance Operations**

This manual has an index at the beginning of each Group that lists the title and number of each maintenance operation (MOP) for that Group. Follow the instructions under the MOP number to perform the required maintenance.

In addition to the maintenance operations required for the maintenance interval, perform all daily, weekly, and monthly maintenance operations listed in Chapter 21, "Pretrip and Post-Trip Inspections and Maintenance", of the 108SD and 114SD Driver's Manual.

Maintenance Schedules						
Schedule	Maintenance Intervals					
	Maintenance Interval	Frequency	Mileage	km	Hours	
Schedule I* (severe service) for vehicles that travel up to 6000 miles (10 000 km) annually	Initial Maintenance (IM)	first	1000	1600	100	
	Maintenance 1 (M1)	every	1000	1600	100	
	Maintenance 2 (M2)	every	4000	6400	400	
	Maintenance 3 (M3)	every	8000	12 800	800	
	Maintenance 4 (M4)	every	16,000	25 600	1600	
	Maintenance 5 (M5)	every	32,000	51 200	3200	

## 00-01 Determining Scheduled Maintenance Intervals

Maintenance Schedules							
Schedule	Maintenance Intervals						
	Maintenance Interval	Frequency	Mileage	km	Hours		
Schedule II (short-haul transport) for vehicles that travel 6000 miles (10 000 km) or more annually	Initial Maintenance (IM)	first	8000	12 000	_		
	Maintenance 1 (M1)	every	8000	12 000			
	Maintenance 2 (M2)	every	16,000	24 000			
	Maintenance 3 (M3)	every	32,000	48 000			
	Maintenance 4 (M4)	every	64,000	96 000			
	Maintenance 5 (M5)	every	128,000	192 000			

<sup>\*</sup> For Schedule I vehicles equipped with an hourmeter, use maintenance intervals based on hours of operation rather than mileage.

**Table 1, Maintenance Schedules** 

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Our service email:

manuals007@hotmail.com