

# **Daimler Trucks North America LLC**

Daimler Trucks North America LLC

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## **Subject: Rack and Pinion Maintenance Schedule**

On the reverse of this page, please find new information regarding the maintenance of the rack and pinion steering gear on your vehicle.

A schedule for inspection and replacement of the bellows has been determined. Revised maintenance and workshop manuals will be published shortly with this updated information.

Please review to determine the appropriate schedule for your vehicle. Begin including the inspection or replacement of the bellows at the next appropriate maintenance interval.

If you have questions regarding the maintenance schedule for the bellows, please contact the Daimler Trucks North America Customer Assistance Center at (800) 385-4357.

Sincerely,

DAIMLER TRUCKS NORTH AMERICA

## RECOMMENDED MAINTENANCE PRACTICES FOR DAIMLER TRUCKS RACK AND PINION

The maintenance manual for Cascadia vehicles specifies service intervals for all maintenance operations. Refer to section 00, General Information, to determine service intervals. The following Rack and Pinion bellows replacement instruction will be added to the Cascadia Maintenance Manual section 46-06, which currently specifies steering boot inspection at the M2 maintenance intervals.

To determine the correct maintenance intervals for your vehicle you must first determine the type of service or conditions under which the vehicle will be operated. Generally, over-the-road vehicles operate under conditions that fall within one of the two types of service. Before placing your new vehicle in service, determine the type of service (Service Schedule I or II) that applies to the intended use of the vehicle. After determining the vehicle's type of service, refer to the service schedule table, to determine how often maintenance should be performed.

Both the left hand and right hand bellows (steering boot) should be inspected and replaced at the following intervals.

<b>Service Schedule</b>	<b>Maintenance Interval Operation</b>	<b>Maintenance</b>	<b>Miles</b>	<b>Km</b>
<b>Schedule I</b> (Short-Haul Transport) annually travel less than 60,000 miles (100 000 km)	Maintenance 2 (M2)	Inspect	50,000	80,000
	Maintenance 3 (M3)	Replace	150,000	240,000
<b>Schedule II</b> (Long-Haul Transport) annually travel over 60,000 miles (100 000 km)	Maintenance 2 (M2)	Inspect	100,000	161,000
	Maintenance 3 (M3)	Replace	300,000	483,000

**Service Schedule Table**

### **Instructions:**

**Inspect the bellows at the M2 maintenance interval** to ensure that they have not been torn, punctured, or otherwise damaged, following Cascadia Maintenance Manual 46-06. Steps 7 through 10 of the instructions outline the inspection procedure.

**If either of the bellows have been damaged**, replace it following Cascadia Workshop Manual section 46.04.

**Replace the left hand and right hand bellows at the M3 maintenance interval.** Use Cascadia Workshop Manual section 46.04.