

PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001

**MAINTENANCE
INFORMATION**

Mi07-04



DATE : MARCH 2007 SECTION : 13 - Wheels, Hubs Tires
SUBJECT : OIL LUBRICATED WHEEL HUB BEARINGS

IMPORTANT NOTICE

This modification is recommended by PrevoSt Car to increase your vehicle's performance. Note that no reimbursement will be awarded for carrying out this modification.

APPLICATION

Model	VIN
XL Series Vehicles Model Year : 1996 - 2000	From 2PCE33496T <u>1025873</u> up to 2PCL33493Y <u>1027045</u> incl.
XLII Series Vehicles Model Year : 2000 - 2003	From 2PCW33499Y <u>1027046</u> up to 2PCW334983 <u>1028164</u> incl.
H3-41, H3-45 Series Vehicles Model Year : 1994 - 2003	From 2P9H33495R <u>1001012</u> up to 2PCH334983 <u>1014757</u> incl.

DESCRIPTION

Various types of oil lubricated wheel hubs have been installed on the above-mentioned vehicles front and tag axles over the years, this maintenance information resumes the different types used. The oil lubricated wheel bearings do not require a regular maintenance program. However, to ensure maximum performance and safety, ensuring that the wheel hubs are inspected daily and lubricated in regular intervals is of the utmost importance.

PROCEDURE

⚠ DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

NOTE
Refer to the appropriate wheel hub figure.



WARNING

Daily inspection of hub oil levels and wheel seals is vital to prevent wheel bearing failure and that bypassing this requirement is a dangerous practice that can lead to a wheel fire or other serious consequences.

OIL LUBRICATED WHEEL BEARINGS

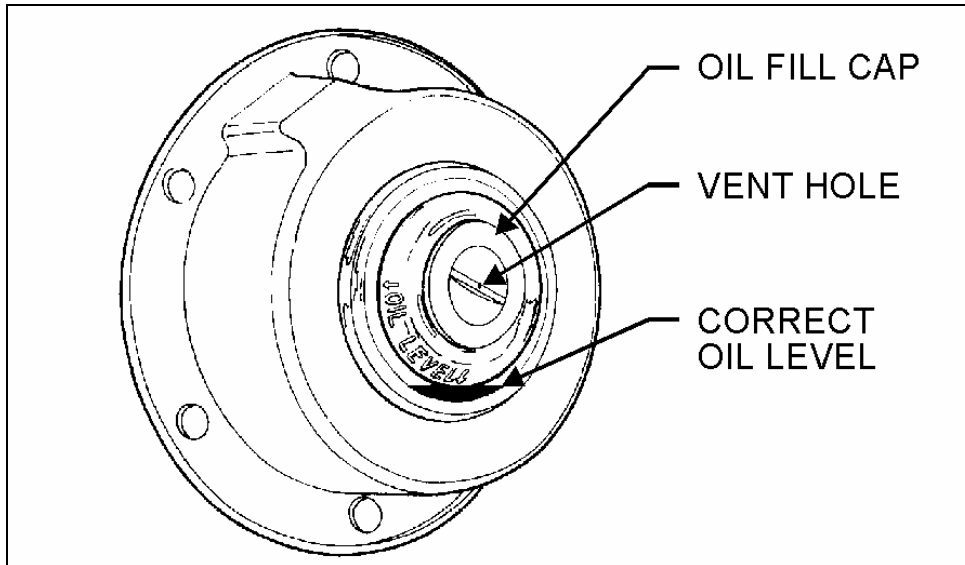


FIGURE 1

The oil level on the tag axle and front axle wheel bearings must be maintained to the level mark in the cap. The level is determined by a line, indicated by arrows, that is incorporated to the plastic lens and passes underneath the words "OIL LEVEL" (Fig. 1). If oil is to be added, use general purpose gear lubricant SAE 85W/140 (API spec. GL5). Oil must be added by removing the oil fill cap in center of hub. To check oil level after vehicle has been driven, wait at least 15 minutes to ensure that oil has settled.

OIL LUBRICATED WHEEL BEARINGS

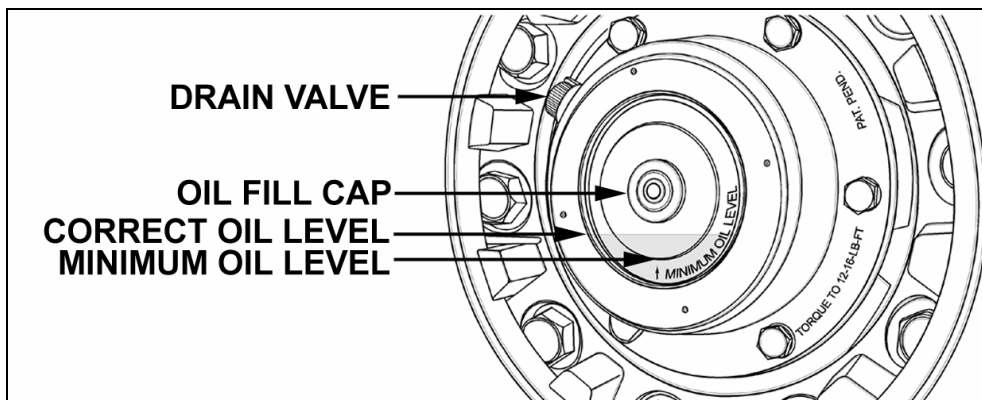


FIGURE 2

The oil level on the tag axle and front axle wheel bearings must be maintained to the level mark in the cap. The oil level indicator, which is shown as a line, is part of the plastic lens and is located above the words "MINIMUM OIL LEVEL" (Fig. 2). If oil is to be added, use general purpose gear lubricant SAE 85W/140 (API spec. GL5). Oil must be added by removing the oil fill cap in center of hub. To check the oil level after the vehicle has been driven, wait at least 15 minutes to ensure that oil has settled.

OIL LUBRICATED WHEEL BEARINGS

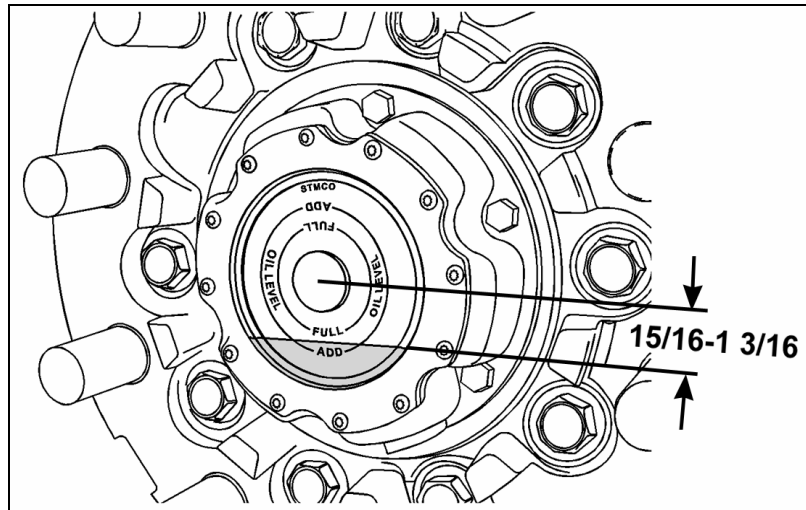


FIGURE 3

The oil level on the tag axle and front axle wheel bearings must be maintained between the "ADD" and "FULL" level mark in the sight glass or between 15/16" and 1 3/16" from wheel centerline (23 to 30 mm) (Fig. 3). If oil is to be added, use general purpose gear lubricant SAE 85W/140 (API spec. GL5). Oil must be added by removing the oil fill cap in center of hub. To check the oil level after the vehicle has been driven, wait at least 15 minutes to ensure that oil has settled.

OIL LUBRICATED WHEEL BEARINGS

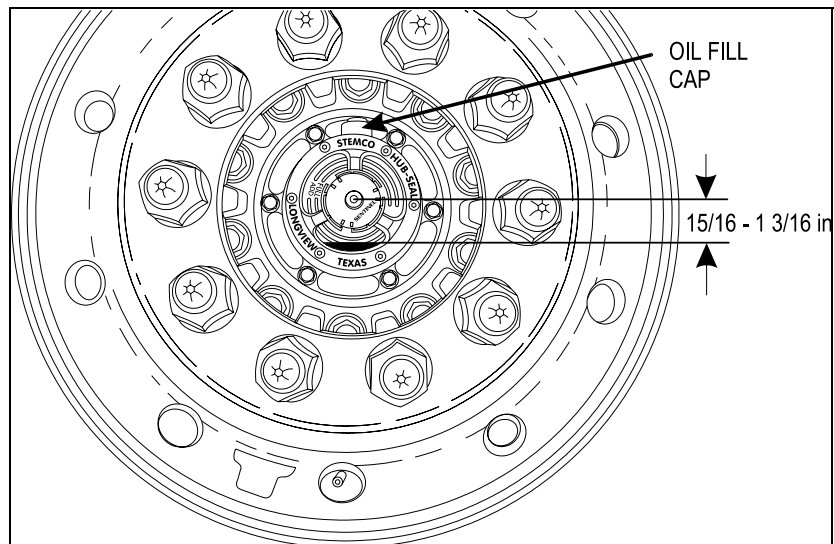


FIGURE 4

The oil level on the tag axle and front axle wheel bearings must be maintained between the "ADD" and "FULL" level mark in the sight glass or between 15/16" and 1 3/16" from wheel centerline (23 to 30 mm) (Fig. 4). If oil is to be added, use general purpose gear lubricant SAE 85W/140 (API spec. GL5). Oil must be added by removing the oil fill cap. To check the oil level after the vehicle has been driven, wait at least 15 minutes to ensure that oil has settled.

NOTE

It is more precise to measure the oil level in the wheel hubs according to the instructions above than to refer to the indicator lines on the hubs.