



PREVOST

MAINTENANCE INFORMATION

MI15-02

DATE :	JANUARY 2015	SECTION: 11 - REAR AXLE
SUBJECT :	DIFFERENTIAL BREATHER REPLACEMENT	

IMPORTANT NOTICE

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

APPLICATION

Model	VIN	
H-Series Vehicles Model Year : 2005 - 2015	Up to 2PCH33492	FC71 <u>2886</u> incl.
X-Series Vehicles Model Year : 2006 - 2015	Up to 2PCBS3497	FC73 <u>5816</u> incl.

DESCRIPTION

An improved differential breather kit, identical to the one now used in production, is available for all H and X Series vehicles produced before 2015.

This new breather incorporates a "J" shaped hose that prevents oil leakage and water ingestion while allowing the axle to vent.

Prevost recommends a breather and differential oil replacement at the next service occasion on vehicles equipped with wide base "Super Single" tires on their drive axle (Michelin X One P455/55 R22.5) produced from 2005 to 2015.

MATERIAL

Part No.	Description	Qty
621871	Differential Breather Kit	1
Bulk	Gear Oil	19 liters

NOTE

Material can be obtained through regular channels.

PROCEDURE



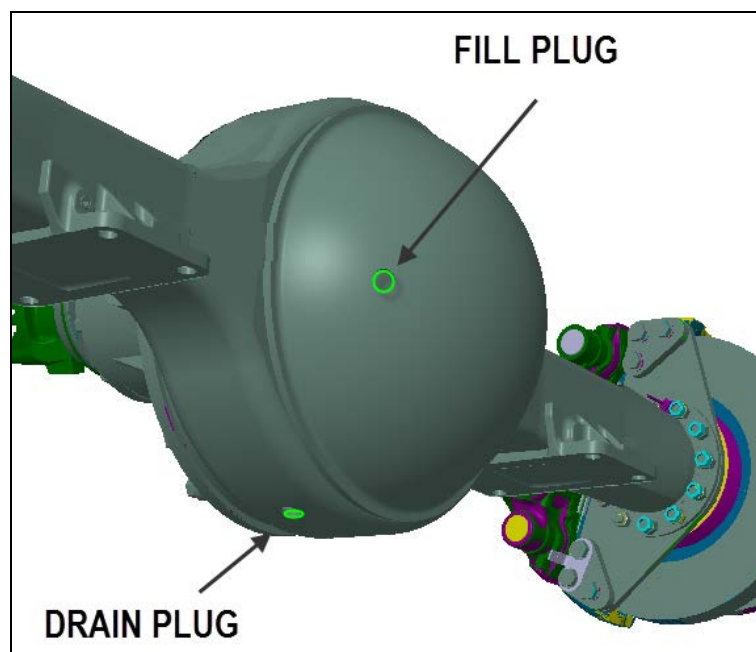
DANGER

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

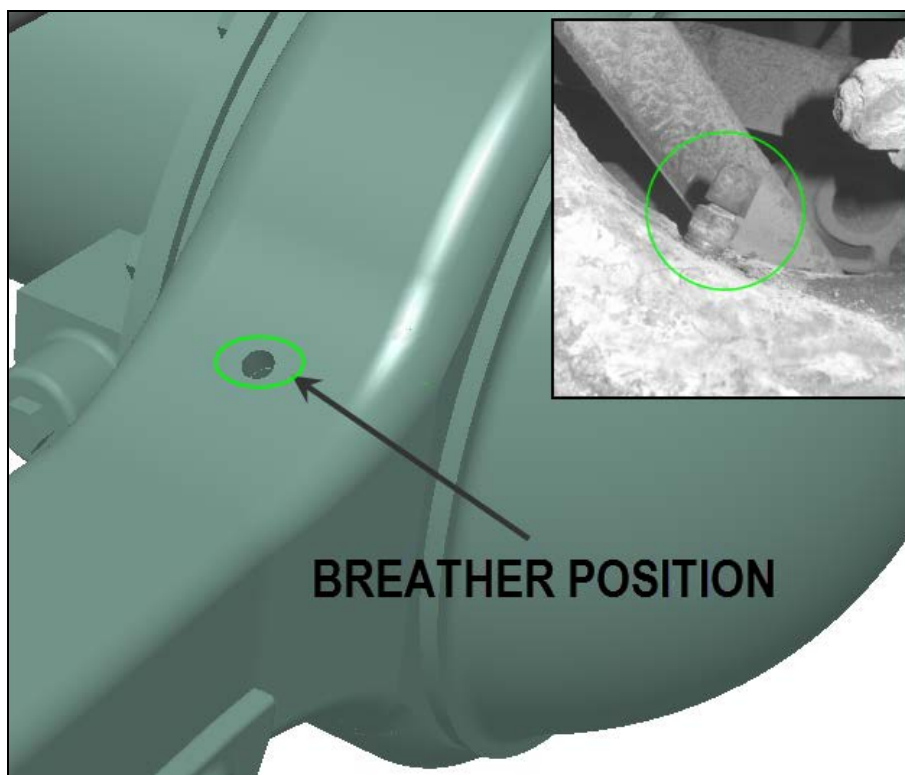
1. Raise the vehicle to gain access to the drive axle.
2. Verify that the vehicle was not previously fitted with the new breather, easily identified by the rubber "J" hose instead of a metal cap. If the vehicle is not equipped with the new breather, install one by following the instructions below.



3. Clean the drive axle housing around the breather and the fill and drain plugs.
4. Remove the drain plug at the bottom of the housing with a square 1/2in wrench and flush the differential oil.



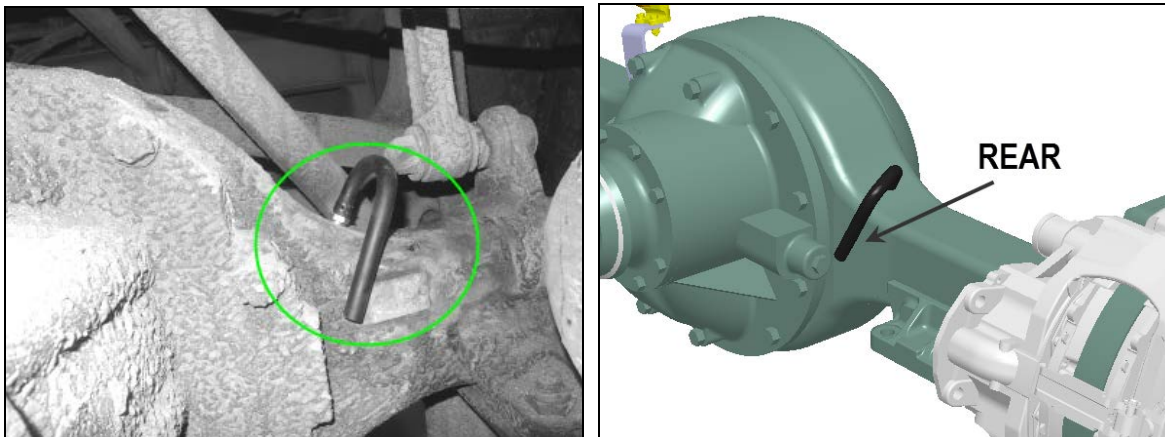
5. Remove the breather from the housing with a SAE 11/16in wrench.



6. Install the new breather body included in the kit with the same 11/16in wrench.



7. Use pliers to install and secure the “J” hose to the breather body making sure that the hose part is installed toward the rear of the vehicle.



8. With a fine metallic brush, clean the fill and drain plug threads and apply thread sealant to them.



9. Reinstall the drain plug and fill the differential housing up to the fill plug level (around 19 liters) with 85W140, 80W90 or 75W90 MIL-L-2105-D compliant gear oil.

NOTE

Refer to the vehicle Maintenance Manual, Section 24, chapter 2.2 for gear oil grade recommendation for specific vehicle use.



10. Screw back the fill plug.
11. Check for leaks and lower the vehicle.

PARTS / WASTE DISPOSAL

Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

Access all our Service Bulletins on www.prevostcar.com/bulletinsEN
Or scan the QR-Code with your smart phone.

E-mail us at technicalpublications_prev@volvo.com and type "ADD" in the subject to
receive our warranty bulletins by e-mail.

