



# MAINTENANCE INFORMATION

MI13-54

DATE : JULY 2013

SECTION : 04 - Exhaust

SUBJECT : EXHAUST GAS DIFFUSER ASSEMBLY - RAIN CAP CHECK

## **IMPORTANT NOTICE**

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

## **APPLICATION**

<b>Model</b>	 <b>ALL PREVOST VEHICLES EQUIPPED WITH EXHAUST GAS DIFFUSER</b>
--------------	--

## **DESCRIPTION**

This is a reminder on the importance of maintaining the exhaust gas diffuser in good operating condition. It is much important to check for proper functioning of the diffuser rain cap and ensure that water drain tube will allow rain to drain efficiently. Water seepage may cause damages to aftertreatment components and in the worst case, to the engine if a large quantity of water enters the exhaust system.

### **EXHAUST GAS DIFFUSER SERVICING SCHEDULE**

DESCRIPTION	FREQUENCY
Inspect diffuser as described below	Once per year

## **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.



### **WARNING**

Hot surfaces. Keep yourself clear of all hot aftertreatment system components, particularly during and after active or stationary regeneration. Hot surfaces can cause serious burns.

Proceed to the following inspection on the exhaust gas diffuser assembly.

1. Check for presence of foreign matter and debris inside the diffuser housing, remove and clean if applicable using compressed air jet.
2. The rain cap is the first mean of protection against water seepage. While keeping the diffuser louvered cover fastened, check for proper functioning of the rain cap inside the diffuser housing, make sure that it moves freely and seals the exhaust pipe properly. If this is not the case, have the diffuser replaced.
3. **Once a year**, make sure that the diffuser assembly water drain tube is not clogged. Pour one cup of water into the diffuser housing and check that all the water is drained at once at the other end of the drain tube. If tube is clogged, remove tube and blow compressed air inside, in reverse flow. Have the drain tube replace if clean out gives no results.



4. Inspect diffuser louvered cover for stress cracking;

**NOTE**

Always use anti-seize compound on diffuser fasteners.

**Waste disposal:**

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

Access all our Service Bulletins on  
<http://prevostparts.volvo.com/technicalpublications/en/pub.asp>  
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.