

Date	Expiration	Release	Page
01.2017	01.2019	2	1(6)

Release 2

January 13, 2017 Added thermal blanket removal

AHI NOZZLE REPLACEMENT

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, replace the AHI dozer by an improved part preventing nozzle clogging.

MODEL YEAR(S) AND VEHICLES INVOLVED

NOTICE TO SERVICE CENTERS <i>Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.</i>		
Model	VIN	Fleet Number
X3-45 Commuter Model Year : 2014 - 2015	GHG14: the following individual vehicles: 2PCG33495EC735590, 2PCG33498EC73 5602 And from 4RKG33497F973 7001 up to 4RKG33491F973 7026 incl.	From 2490 up to 2517 , incl.
X3-45 Commuter Model Year : 2015 - 2016	OBD15: from 4RKG33493F973 7027 up to 4RKG33491G973 7299 incl.	From 2518 up to 2789 , incl.
This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.		

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
22923337	Aftertreatment hydrocarbon dozer	1
85144326	Installation kit (includes: gasket & screws).	1

NOTE

Date	Expiration	Release	Page
01.2017	01.2019	2	2(6)

Material can be obtained through regular channels.

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

Let the engine and turbo cool-down before installation.

1. From inside the vehicle locate the rear cross seat, and remove the mid seat and the seat next to it, road side. (Fig. 1)

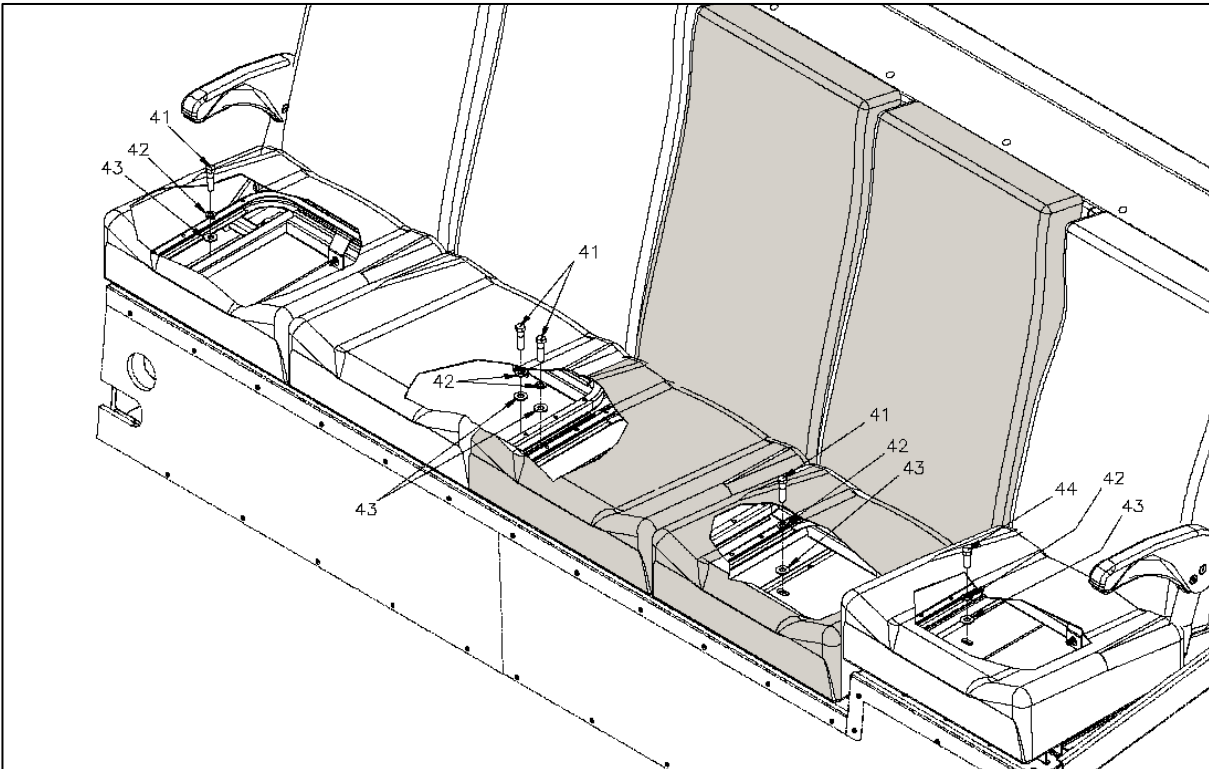


Figure 1: Seats to be removed

Date	Expiration	Release	Page
01.2017	01.2019	2	3(6)

2. Store the removed seats away from the work area and protect the upholstery.
3. Remove the access hatch. (Fig. 2) Store access hatch and fasteners in a secure location

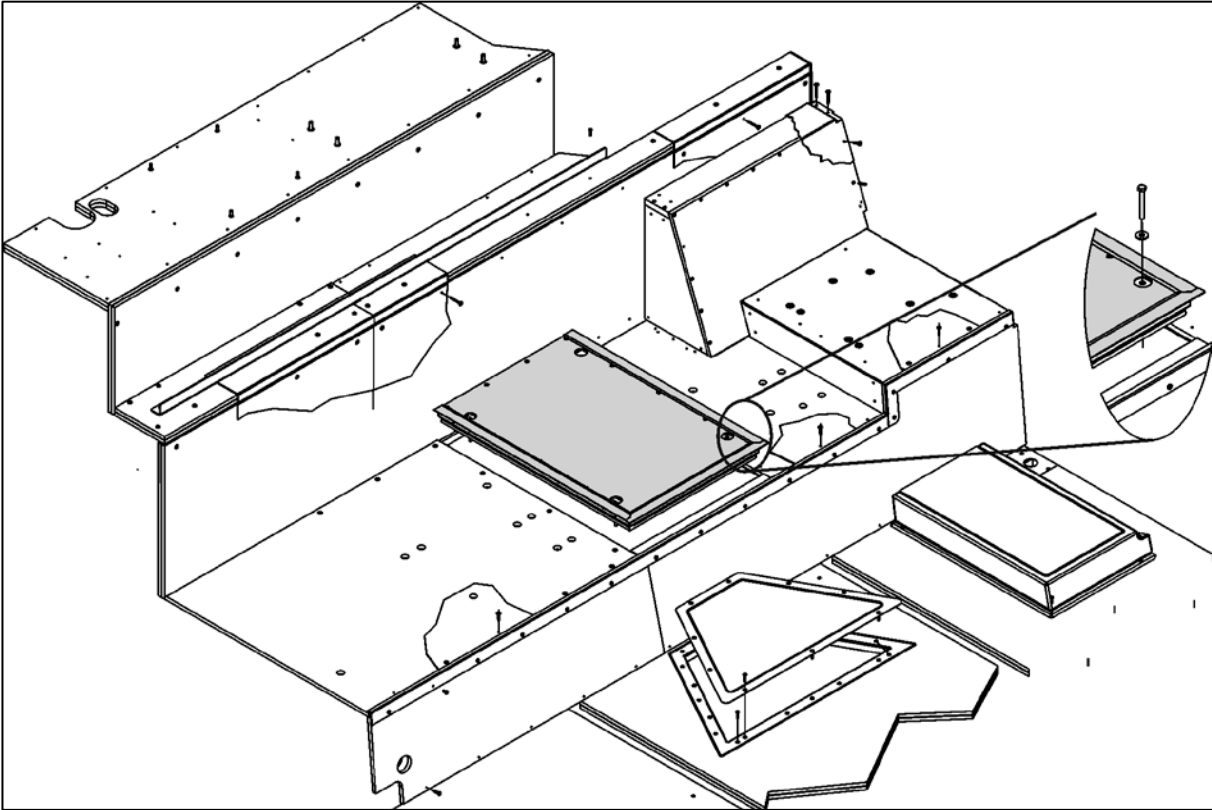


Figure 2: Engine access hatch

Date	Expiration	Release	Page
01.2017	01.2019	2	4(6)

- Remove the thermal insulating blanket covering the pipe section directly downstream from the turbo.

Cut the metal straps and discard blanket.



Figure 3

- Remove the fastener and P-clamp securing the line to the mounting bracket on the diffuser pipe.



WARNING

Fuel leaked or spilled onto hot surfaces or electrical components can cause a fire and result in component damage and serious personal injury.

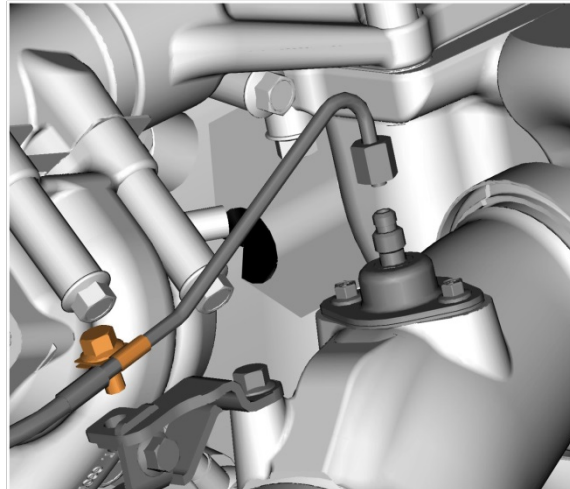


Figure 4: P-clamp & fastener

- Disconnect the line from the aftertreatment hydrocarbon dozer fitting. Collect any residual fuel that might be in the line in a suitable container.



CAUTION

Do not kink the line. Kinking the line may result in leakage

Date	Expiration	Release	Page
01.2017	01.2019	2	5(6)

7. Loosen the aftertreatment hydrocarbon dozer mounting fasteners. Remove the aftertreatment hydrocarbon dozer from the diffuser pipe (which attaches to the turbocharger outlet).
8. Clean the sealing surface on the diffuser pipe before mounting the aftertreatment hydrocarbon dozer.
9. Install a new gasket and aftertreatment hydrocarbon dozer onto the diffuser pipe.

Tighten to **125 ± 4.5 in-lb**

Note: The fasteners include pre-applied high-temperature anti-seize compound.

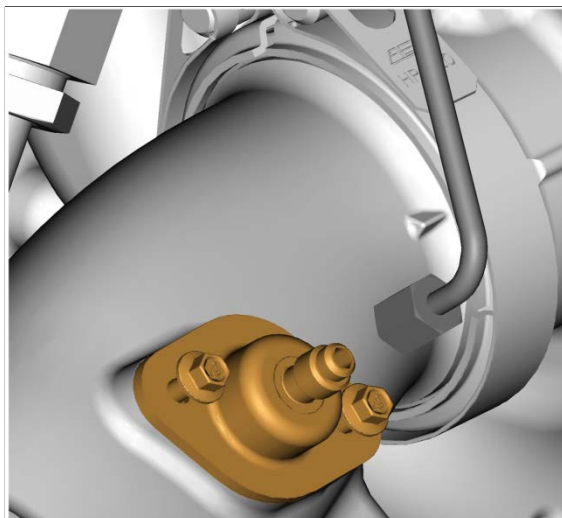


Figure 5: Dozer

 WARNING
Fuel lines must be tightened to the stated specification. Fuel leaked or spilled onto hot surfaces or electrical components can cause a fire and result in component damage and serious personal injury.

10. Connect the line to the aftertreatment hydrocarbon dozer.

Tighten to **195 ± 18 in-lb**

11. Install the P-clamp and fastener to secure the line to the mounting bracket on the diffuser pipe.

12. Set the battery master switch (master cut-out) to the ON position.

13. Start the engine, build air to operating pressure. Start the service regeneration process. When fuel dosing starts, check for leaks starting on the hot side of the engine. Clear any diagnostic trouble codes, if needed.

Note: If fault tracing was performed using Guided Diagnostics, return to Guided Diagnostics for repair verification.

14. Re-install access hatch and seats.

15. In **PTT**, reprogram the EMS with latest software and perform a parked regeneration.

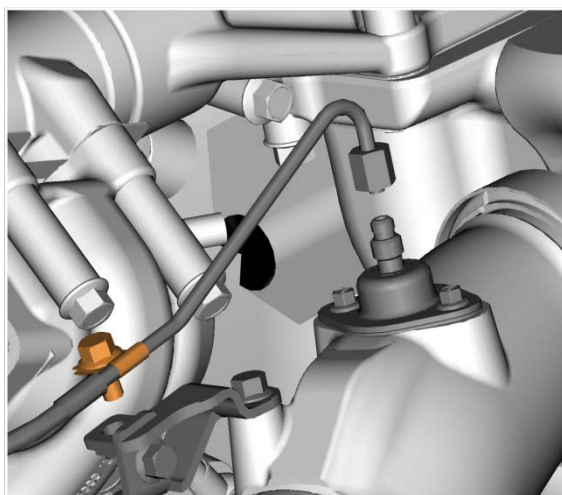


Figure 6: P-clamp & fastener

PARTS / WASTE DISPOSAL

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

Date	Expiration	Release	Page
01.2017	01.2019	2	6(6)

ESTIMATED TIME

The time required to perform this special bulletin is approximately 4 hours.

OTHER

VBC Bulletin	N/A
Fail Code	01.00-2
Defect Code	09
Syst. Cond	B
Causal Part	21407772

Access all our Service Bulletins on
<http://techpub.prevostcar.com/en/>

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.



Prevost engages in a continuous program of testing and evaluating to provide the best possible product. Prevost, however, is not committed to, or liable for updating existing products.