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Rev A: May 28 2015:Changed application box.

EGR TEMPERATURE SENSOR REPLACEMENT AND HARNESS ROUTING

Prevost vehicles

DESCRIPTION

For vehicles affected by this bulletin, eliminate connector pin movement and vibration by re-routing the temperature sensor engine harness lead. Also replace the EGR temperature sensor.

MODEL YEAR(S) AND VEHICLES INVOLVED

NOTICE TO SERVICE CENTERS	
Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.	
Model	VIN
X3-45 Commuter Model Year : 2012	From 2PCG33495 <u>CC735053</u> up to 2PCG33495 <u>CC735232</u> incl.
X3-45 Coaches Model Year : 2012	Part of the PWT/ Diversified Fleet From 2PCG33497 <u>BC735005</u> up to 2PCG33495 <u>CC735294</u>
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 kit SP15-322 which includes the following parts:

Part No.	Description	Qty
21164790	TEMPERATURE SENSOR	1
507664	CABLE TIE / 3/16" 11" / DOUBLE LOOP HEAD	3

NOTE

Material can be obtained through regular channels.

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop engine. In the battery box, set the battery cut-off switch to the OFF position prior to working on the vehicle.

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- 1) On the engine, road side, locate this branch of the engine harness.

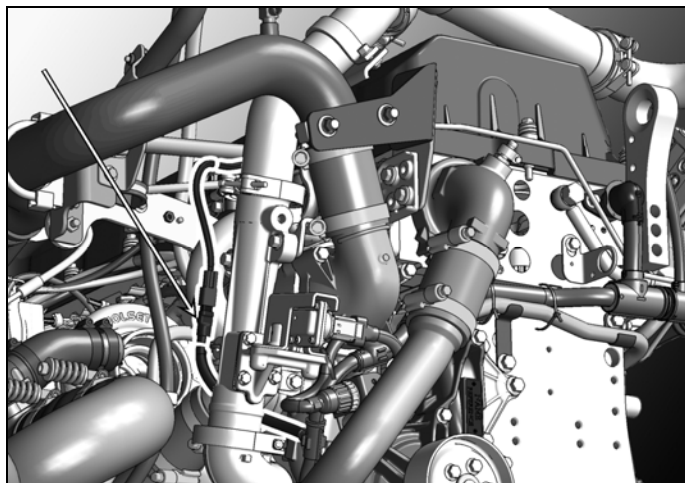


Figure 1 Location on engine.

- 2) Remove cable ties from harness.



Figure 2: Original Routing.

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- 3) Disconnect engine harness lead from EGR temperature sensor and pull down to allow re-routing.
- 4) Reroute it back up through the inboard side of the lower coolant transfer pipe and EGR cooler Exhaust outlet pipe.

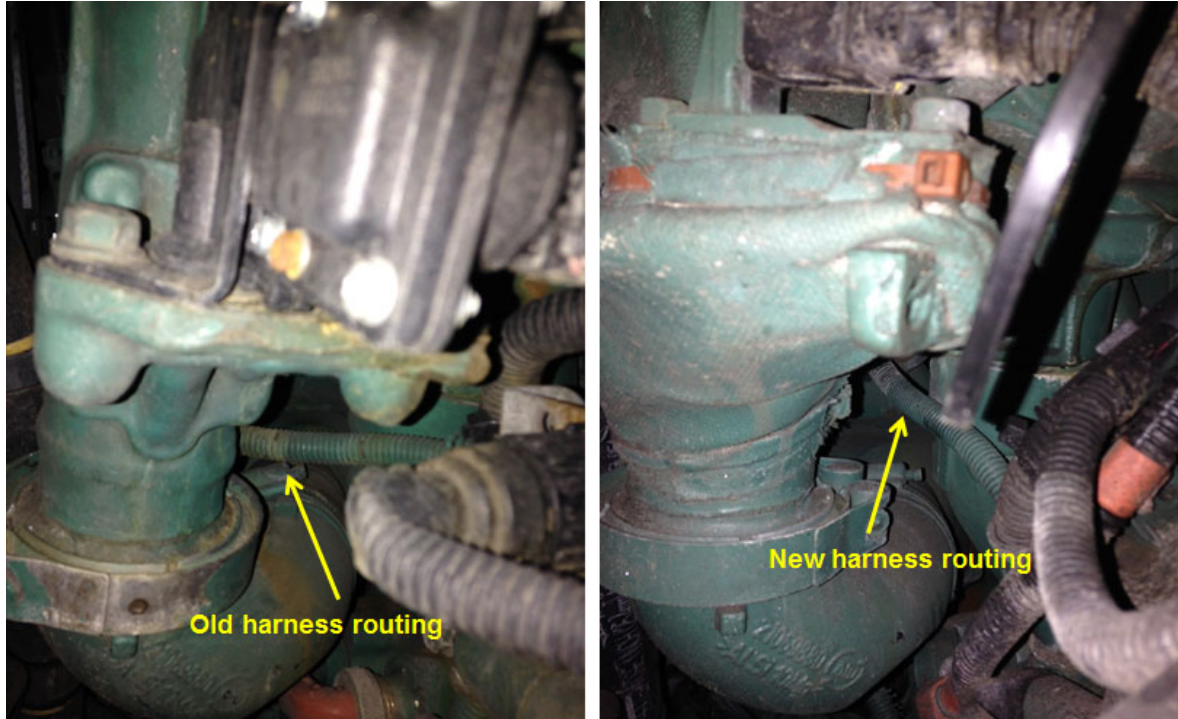


Figure 3

- 5) Replace the EGR temperature sensor with a new #21164790 (Tighten to 33 lbf-ft) then connect to harness

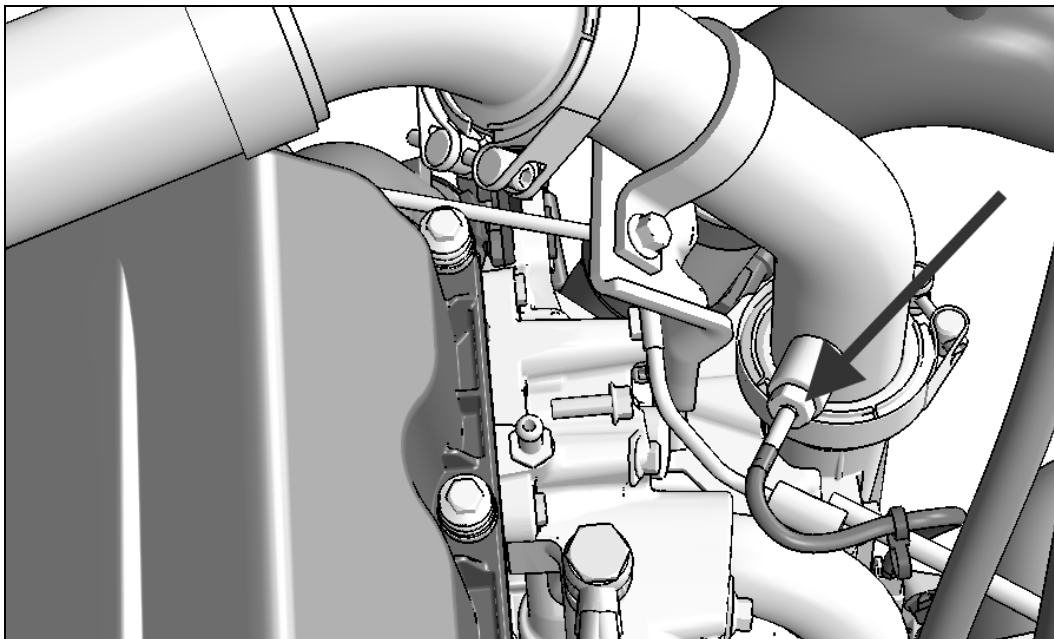


Figure 4

- 6) Secure to the EGR cooler coolant return pipe with supplied cable ties # 507664 (Fig. 2; 3)

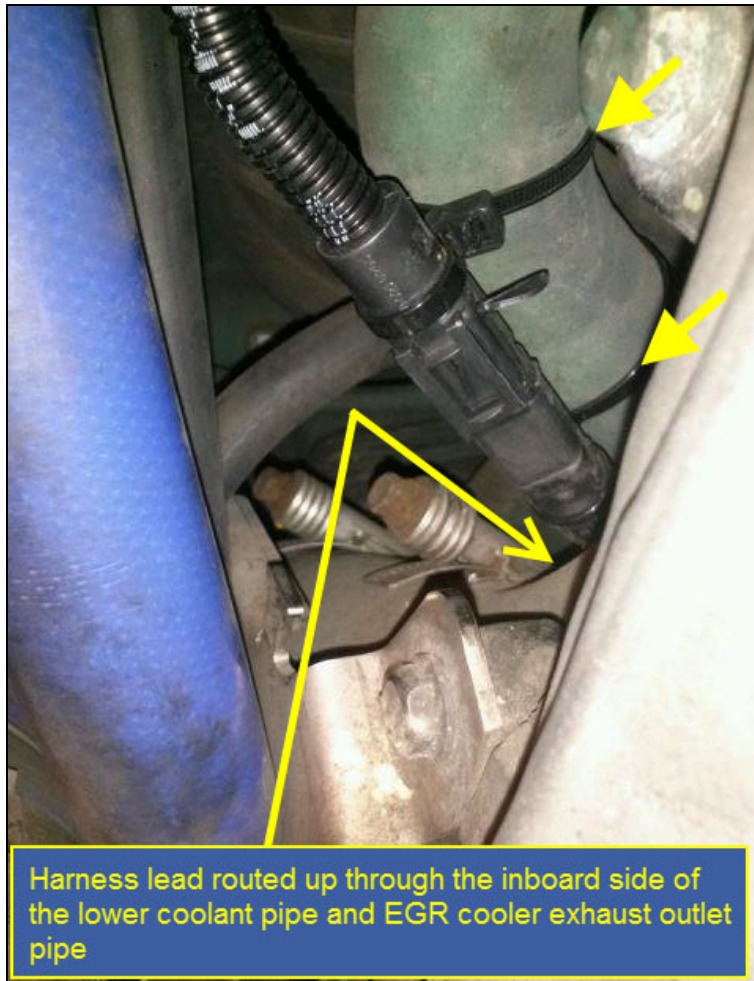


Figure 5

- 7) Return the battery cut-off switch to the ON position.
- 8) Hook up a laptop with PTT diagnostic software. Select operation **1700-08-03-32**, "Learned Data Reset" and reset the engine data. Select operation **2846-08-03-02** "Sensor Values Monitoring", run the engine for a minute or two and verify EGR temp reading. Clear any DTC's if applicable.

PARTS / WASTE DISPOSAL

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

ESTIMATED TIME

The time required to perform this special bulletin is approximately half an hour (30min).

OTHER

Special Bulletin

SP15-322A

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VBC Bulletin	N/A
Fail Code	01.00-2
Defect Code	09
System Condition	B
Causal Part	21164790

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.