

Date	Expiration	Release	Page
06.2015	06.2017	3	1(5)

Revision A: This document supersedes previous revisions.
Part 2- Reduction valve was #3826265, changed for #22416685

- PCJ OIL PRESSURE SENSOR REPLACEMENT
- PISTON COOLING REDUCTION VALVE REPLACEMENT
- ATS DOSER MODULE REPLACEMENT

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, perform the components replacement as described in this document.

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 coaches Model Year : 2011 - 2012	Some vehicles within the following range: From 2PCG33497BC73 <u>5005</u> up to 2PCG33495CC73 <u>5294</u> 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.	

PART 1 - PCJ OIL PRESSURE SENSOR REPLACEMENT

DESCRIPTION

On the vehicles affected by this bulletin, the PCJ oil pressure sensor has to be replaced with an updated pressure sensor to avoid erroneous low oil pressure diagnostic codes.

Please validate if a specific vehicle needs the part replacement. Some vehicles may have been corrected prior the release of this Special Bulletin.

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
21634021	PCJ PRESSURE SENSOR	1

NOTE

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.

REQUIRED TOOLS

TORQUE WRENCH



OPEN END WRENCH SET



CONTACT CLEANER



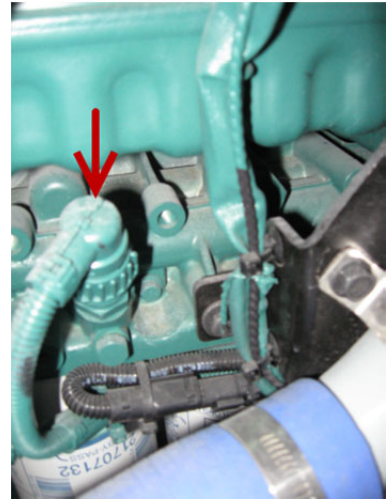
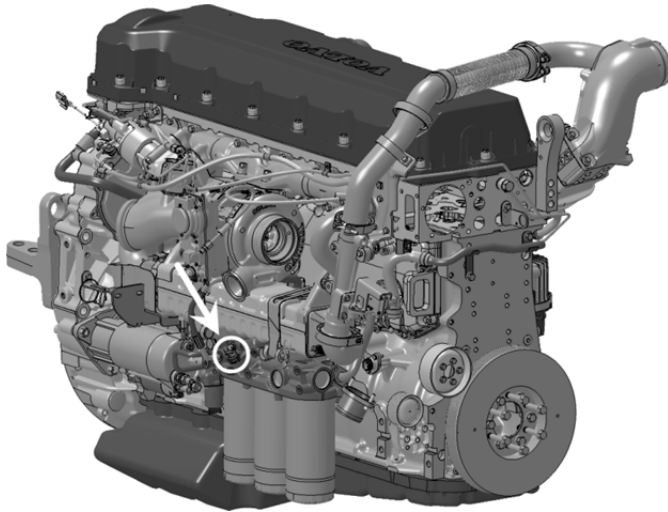
PROCEDURE



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.

- 1) Disconnect the PCJ sensor connector rotating the knurled collar counterclockwise. See the image below to locate the sensor.



- 2) Unscrew the sensor from the oil filter housing.
- 3) Clean out the electrical connector pins and sensor mounting surface with contact cleaner.
- 4) Install the new PCJ sensor (p/n 21634021). Torque: 18.5 ± 2 ft-lb.
- 5) Reinstall the connector and rotate clockwise to lock.
- 6) Run the engine and check for leaks.



ESTIMATED TIME – PART 1

The time required to perform this special bulletin is approximately $\frac{3}{4}$ hours.

PART 2 - PISTON COOLING REDUCTION VALVE REPLACEMENT

DESCRIPTION

Multiple DTCs for PSID8 FMI2 or 1 after reprogramming engine. Perform Piston cooling reduction valve replacement to avoid these DTCs.

Please validate if a specific vehicle needs the part replacement. Some vehicles may have been corrected prior the release of this Special Bulletin.

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
22416685	VALVE, REDUCTION	1

NOTE

Material can be obtained through regular channels.

ESTIMATED TIME – PART 2

The time required to perform this special bulletin is approximately 1 hour.

PART 3 - ATS DOSER MODULE REPLACEMENT

DESCRIPTION

Force UIP regen and replace doser modules as requested.

With VCADS, force a UIP regen to reset 25 incomplete UIP regent counts.

Please validate if a specific vehicle needs the part replacement. Some vehicles may have been corrected prior the release of this Special Bulletin.

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
22452551	MODULE, DOSER	1

NOTE

Material can be obtained through regular channels.

Date	Expiration	Release	Page
06.2015	06.2017	3	5(5)

ESTIMATED TIME

The time required to perform this special bulletin is approximately 2 hours.

PARTS / WASTE DISPOSAL

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

OTHER

VBC Bulletin	tbd
Fail Code	01.00-2
Defect Code	09
System Condition	B
Causal Part	21407621

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.