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	11.2016	11.2018	1	1(5)
Rev A	This revision replaces any previous versions			
08 Nov 2016	Added vehicles, X & H series.			

COOLANT LEVEL SENSOR REPLACEMENT

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, coolant may leak by the coolant level sensor wires on the surge tank. Replace the sensor with an improved version

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	Fleet Number
X3-45 coaches Model Year : 2014 - 2017	Specific vehicles included in range from 2PCG33497EC735526 up to 2PCG33495HC736114 incl.	Specific vehicles From 3606 up to 3620, incl. From 5145 up to 5815, incl.
H3-45 coaches Model Year : 2014 - 2015	The following individual; vehicles: 2PCH3349XEC712469, 2PCH33496EC712520, 2PCH33492FC712743, 2PCH33498FC712763	5704, 5705 5714, 5715
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 SP16-43 for material tracking. Includes the following parts:

Part No.	Description	Qty
060139	COOLANT LEVEL SENSOR	1

Other parts that may be required:

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Part No.	Description	Qty
680107	TEFLON SEALANT, LIQUID, 50ml	0.01

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.



WARNING

Before undergoing work, make sure the coolant fluid has cooled down. The sudden release of pressure from a heated cooling system can result in loss of coolant and possible personal injury (scalding) from the hot liquid.

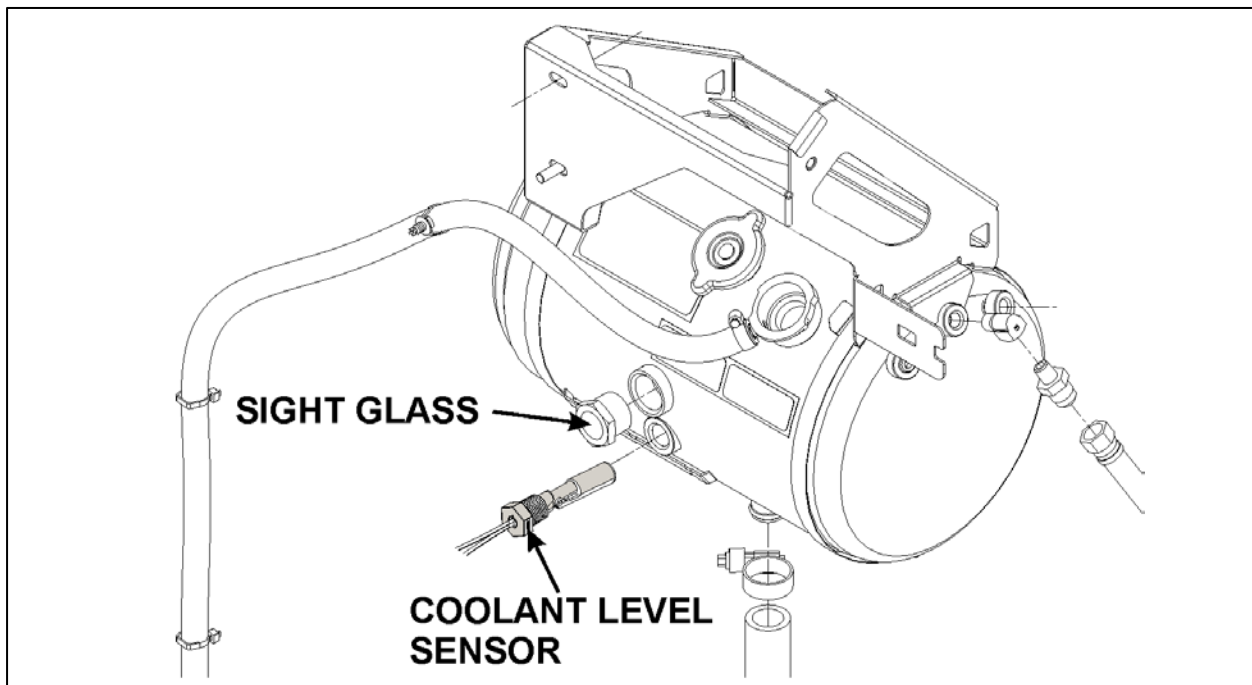


Figure 1 X-SERIES surge tank arrangement

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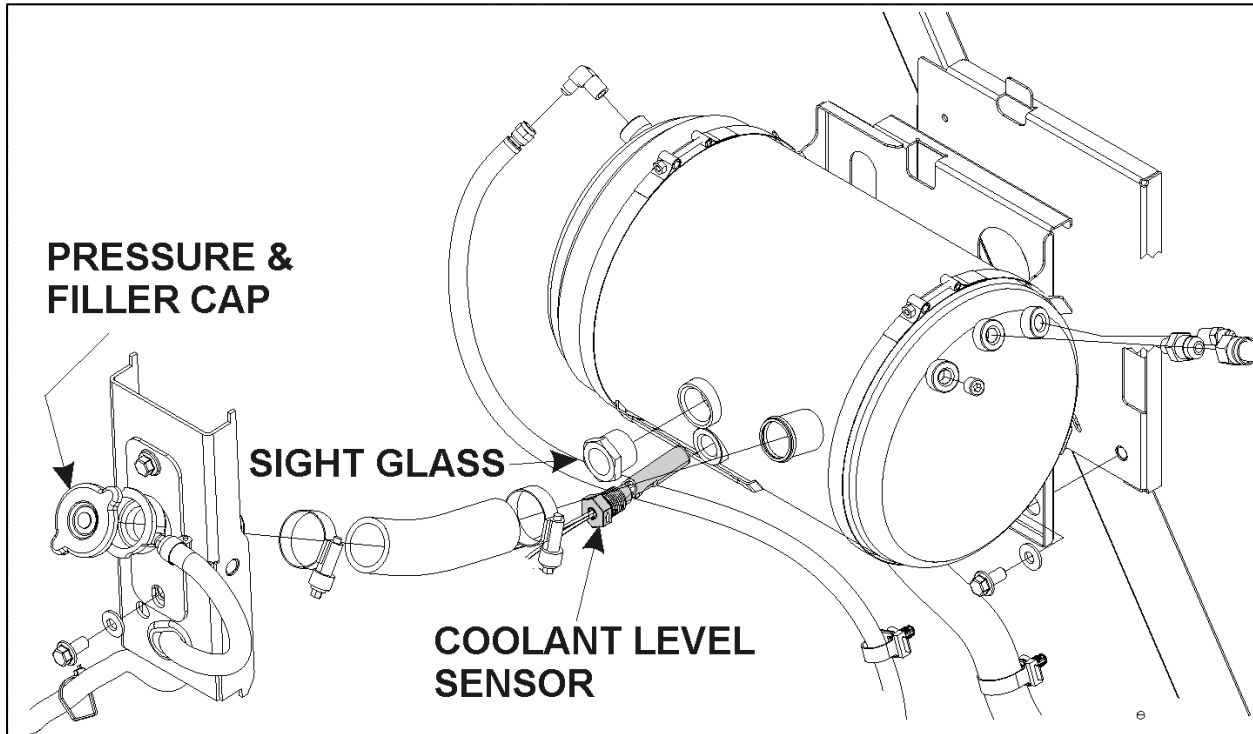


Figure 2: H-SERIES surge tank arrangement

- 1) Depending on vehicle Series, refer to figure 1 or 2.
- 2) Relieve cooling system pressure. *Heed the safety warning above.*
- 3) Lower the coolant level in the surge tank to allow removal of the level sensor. Collect coolant in an appropriate container. Reserve.
- 4) *Prior to removal*, note in detail wire routing and cable tie positions on the cable management bracket. Cut the cable ties.
- 5) Remove the coolant level sensor.(Fig. 1 or 2)

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- 6) New sensors are identified by a dimple on the hexagonal section head. (Fig. 2)
- 7) Install the new sensor with #680098 liquid sealant.
- 8) Install with arrow *pointing up*. Leave between *2 and 4 threads*. (Fig. 3)
- 9) Route sensor wires to replicate the same arrangement as noted earlier.
- 10) Secure with cable ties in the same positions as noted earlier.
- 11) Pump previously reserved coolant back in surge tank.
- 12) Start engine and bring to operating temperature. Re-check coolant level and adjust as required.

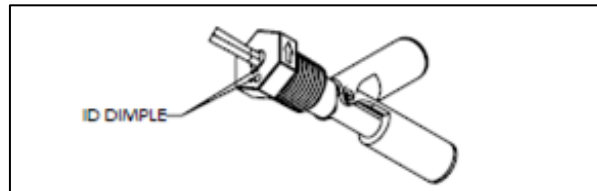


Figure 3 New Sensor ID

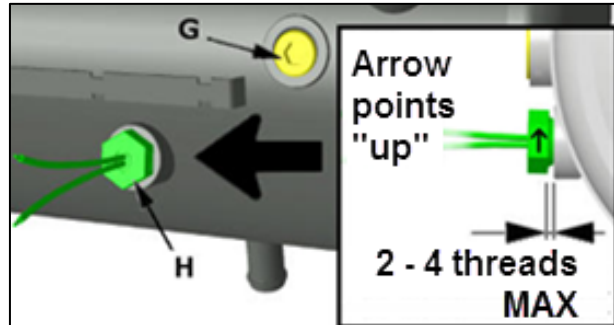


Figure 4

PARTS / WASTE DISPOSAL

Return replaced parts to Prevost with A.F.A. for full reimbursement.

ESTIMATED TIME

The time required to perform this special bulletin is approximately one hour (1h).

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OTHER

VBC Bulletin	N/A
Fail Code	05.07
Defect Code	09
Syst. Cond	B
Causal Part	21242838

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