

# PREVOST

## WARRANTY BULLETIN

**WB24-29**

DATE :	October 2024	SECTION :	05 COOLING
EXPIRATION:	October 2026		
SUBJECT :	SURGE TANK INSPECTION		

First Release

10-29-2024

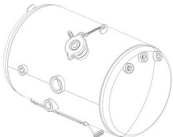



### APPLICATION

<b>NOTICE TO SERVICE CENTERS</b>	
Model	VIN
Verify vehicle eligibility by checking warranty bulletin status with <b>SAP</b> or via <b>ONLINE WARRANTY SYSTEM</b> available on Service / Warranty tab of Prevost website.	
H3-45 coaches Model Year: 2024	From 2PCH33498 <u>RC721726</u> up to 2PCH33498 <u>RC721807</u> incl.
H3-45 VIP motorhomes Model Year: 2024	From 2PCVS3492 <u>RC721727</u> up to 2PCV33496 <u>RC721811</u> incl.
X3-45 coaches Model Year: 2024	2PCG33492 <u>RC734001</u> , 2PCG33495 <u>RC734008</u> , 2PCG33491 <u>RC734023</u> , 2PCG3349 <u>XRC736997</u> , 2PCG33493 <u>RC736999</u> .
X3-45 VIP commercial use Model Year: 2024	From 2PCCS3499 <u>RC734000</u> up to 2PCCS3496 <u>RC736996</u> incl.
X3-45 VIP motorhomes Model Year: 2024	2PCBS3499 <u>RC734011</u> , 2PCBS3495 <u>RC736998</u> .
<b>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.</b>	

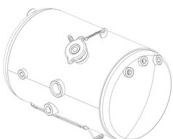



### DESCRIPTION



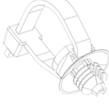
On the vehicles affected by this bulletin, the surge tank may be non-compliant. It must be inspected and, if needed, replaced.

**MATERIAL**Order kit **WB24-29-1** which contains the following parts, for **X3 models** (only if required):

Part No	Description	Qty
050519	SURGE TANK, X 	1
504637	CABLE TIE, NYLON BLK (STD) 	3
050617	DECAL, COOLANT VOLVO VCS-2B 	1
050466	DECAL, M4 MOT COOLANT, VALVE E 	1

Order kit **WB24-29-2** which contains the following parts, for **H3 models** (only if required):

Part No	Description	Qty
050239	SURGE TANK, H 	1
504637	CABLE TIE, NYLON BLK (STD) 	10
5001834	WASHER BEL N500 10.5X23X2.5 	2
5001774	NUT HEX FL STO N500 M12-1.75 	4

21021850	CLAMP V-BAND 5 INCH		2
21095726	GASKET V-BAND JOINT, 5 INCH		2
8631155	CABLE TIE 200X4.6 TREE MOUNT		1

Other parts that may be required. **Note that these parts are not covered by this bulletin:**

Part No.	Description	Qty
680098	LOCTITE 567 TEFLON, 250ML	AR
680110	TEFLON SEALANT TAPE, 1/2"	AR
685353	YELLOW TORQUE SEAL, 1 OZ	AR
680335	LOCTITE 76764 ANTI-SEIZE	AR

***NOTE***

*Material can be obtained through regular channels.*

## SAFETY PRECAUTIONS

- Eye protection should always be worn when working in a shop.
- Rules for Personal Protection Equipment should always be respected. Wear your PPE including but not limited to the following:



# Safety First!



## PROCEDURE



### DANGER

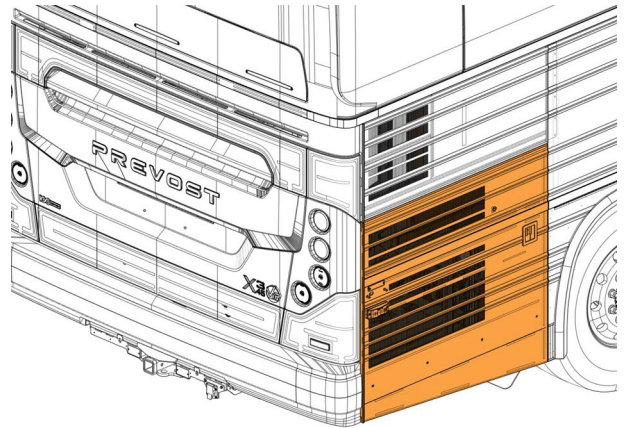
Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On the Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

Lockout & Tag out (LOTO) must be performed during set-up, maintenance, or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

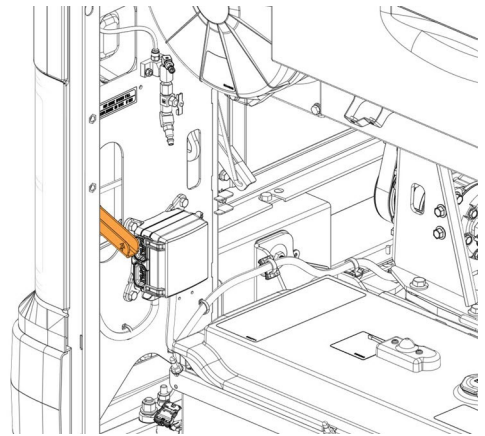


## SURGE TANK INSPECTION X3 SERIES

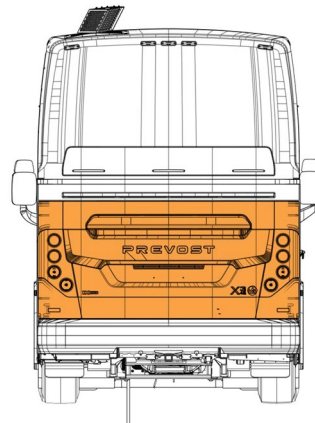
1. Open the compressor door.



2. Push up the lever to release the engine compartment door.



3. Pull the engine compartment door out and up to open.

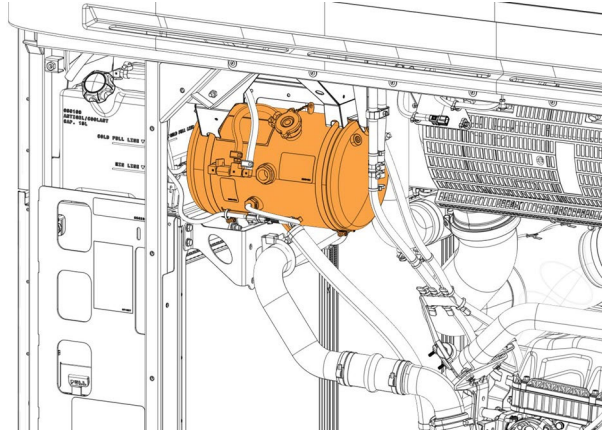


4. Locate the engine coolant surge tank.

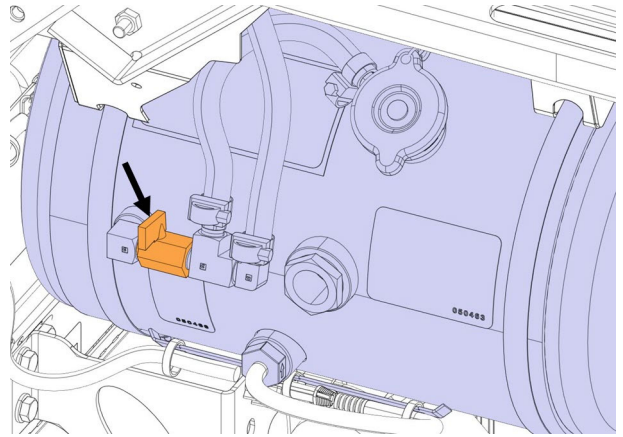


### CAUTION

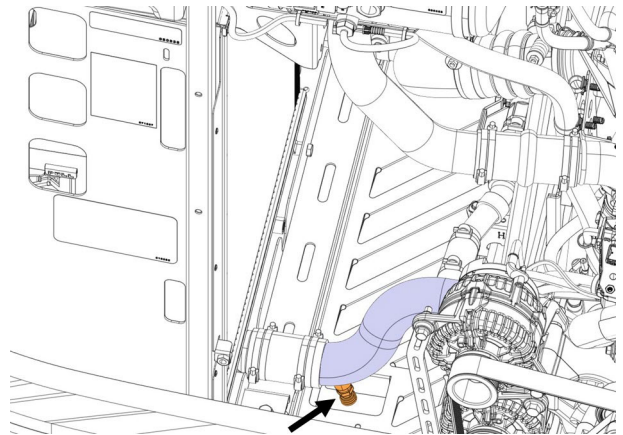
Allow engine coolant to cool down before proceeding with the following steps.



5. Open the surge tank pressure valve.



6. Locate the drain cock at the radiator water pipe.

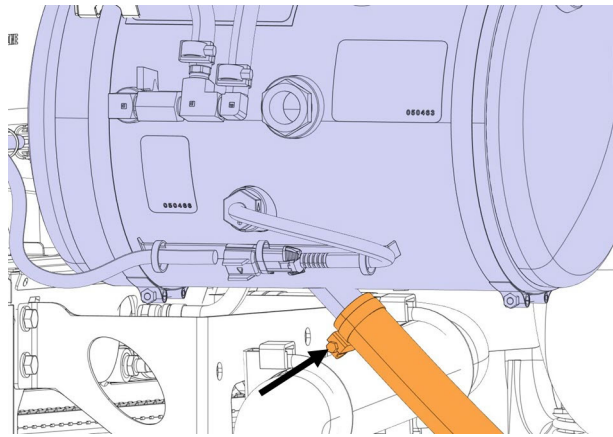


7. Remove the protection cap and connect the coolant extractor to the radiator drain cock.

8. Drain the engine coolant.



9. Unscrew the hose clamp and disconnect the engine hose from the surge tank.



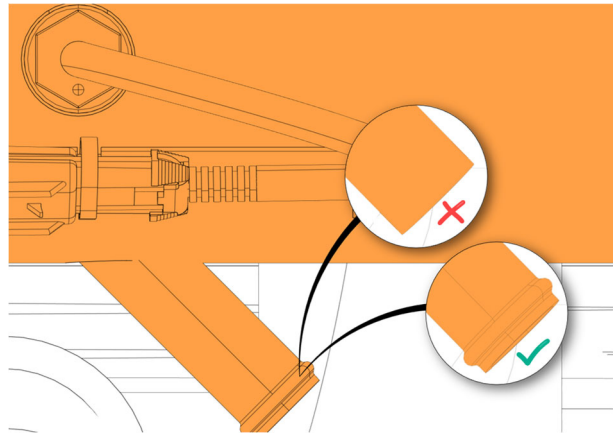
10. Check the surge tank tube.

- If no bead is present, the surge tank needs to be replaced.

**NOTE**

Make sure to perform steps 12 to 23 of this section and order the kit before proceeding to the surge tank replacement section.

- If a bead is present, go to the next step.



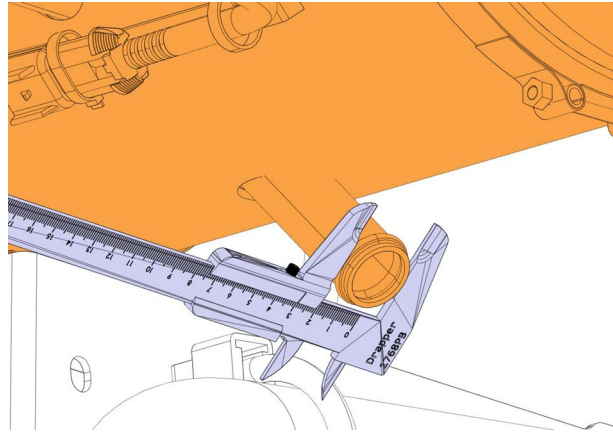
11. Use a caliper to measure the bead diameter.

- If the bead diameter is less than **1.05 in**, the surge tank needs to be replaced.

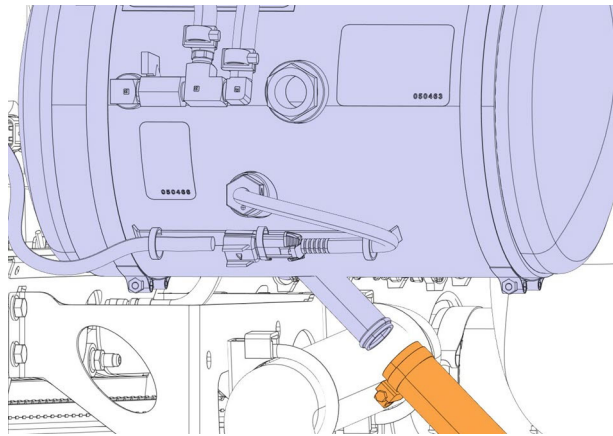
**NOTE**

Make sure to perform steps 12 to 23 of this section and order the kit before proceeding to the surge tank replacement section.

- If the bead diameter is comprised between **1.05 in** and **1.07 in**, go to the next step.



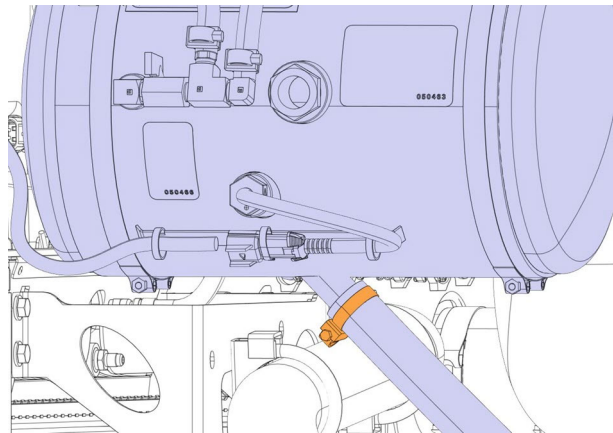
12. Reconnect the hose to the surge tank.



13. Tighten the hose clamp to **30 lb-in**.

**NOTE**

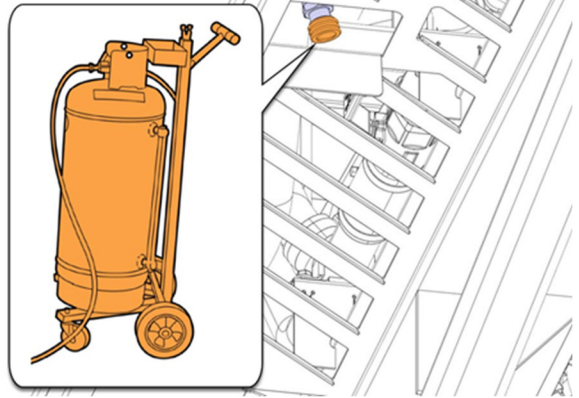
The hose clamp must be pointing towards the rear of the vehicle as shown in the figure.



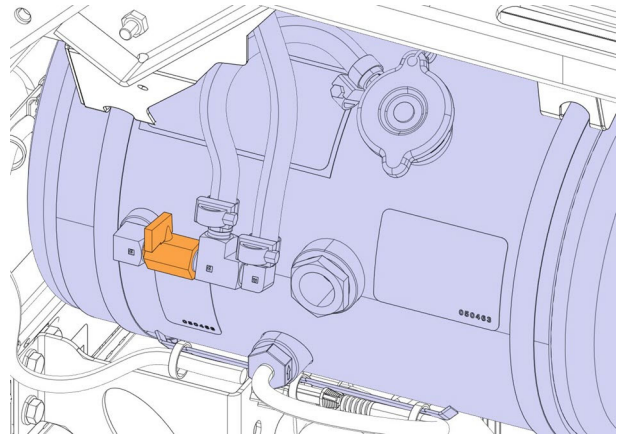


14. Refill the cooling system.

15. Disconnect the coolant extractor and reinstall the protection cap on the radiator drain cock.

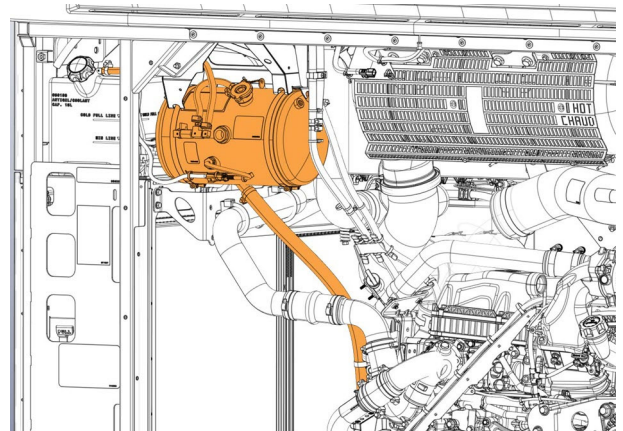


16. Close the surge tank pressure valve.



17. Start the engine and run at fast idle.

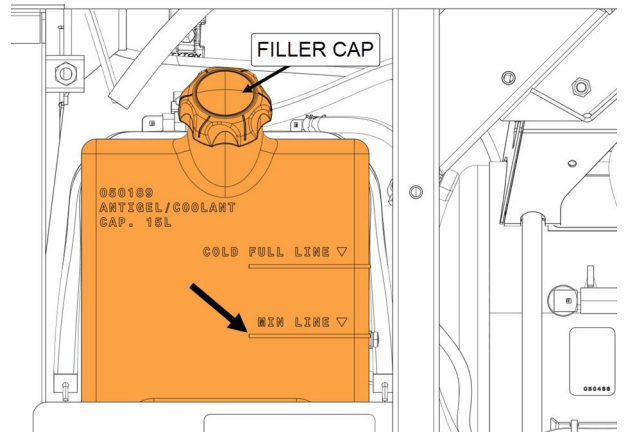
18. Check for leaks.



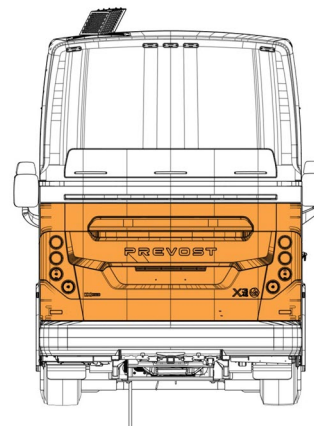
19. Stop the engine and allow cooling.

20. Check the coolant level through the recovery tank. Coolant level should be above the MIN LINE.

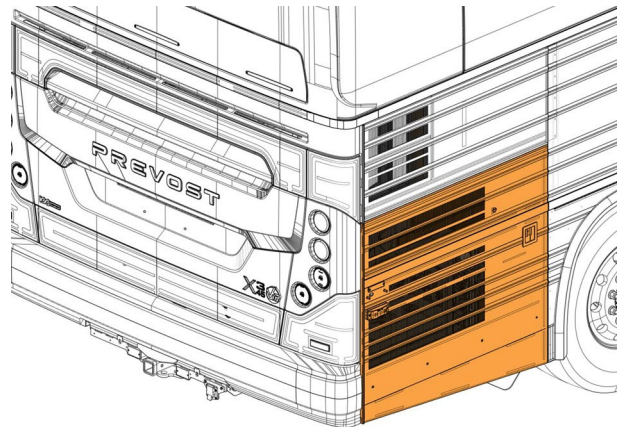
21. Use the recovery tank filler cap to add coolant if required.



22. Close the engine compartment door.

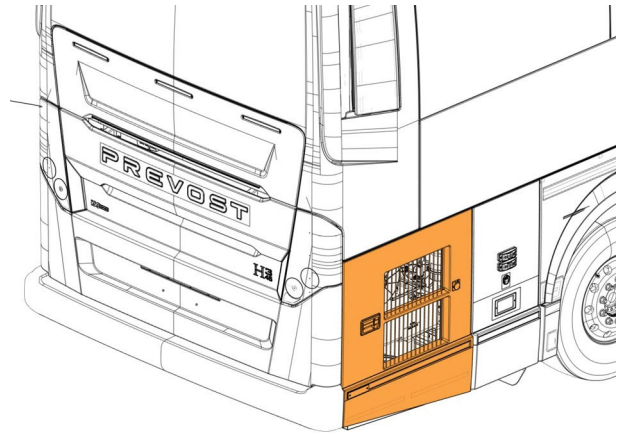


23. Close the compressor door.

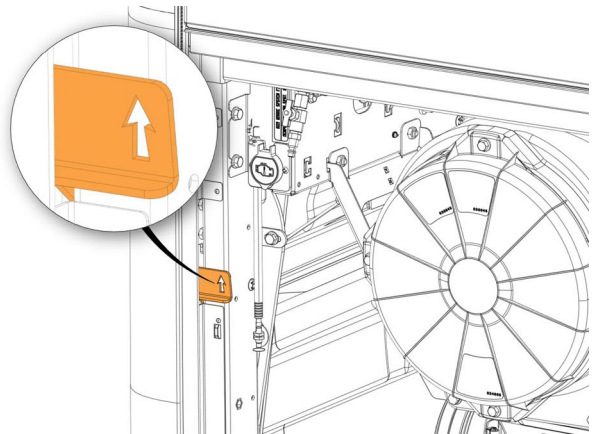


## SURGE TANK INSPECTION H3 SERIES

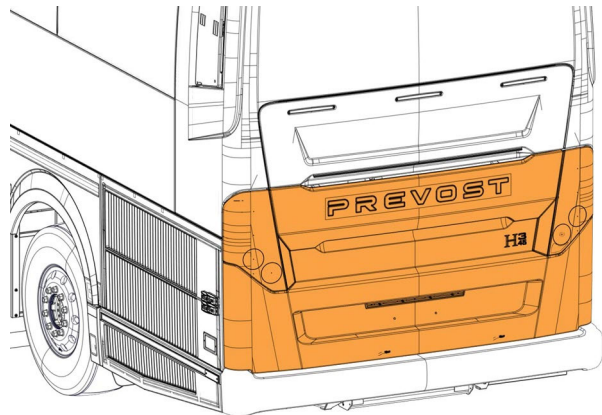
1. Open the compressor door.



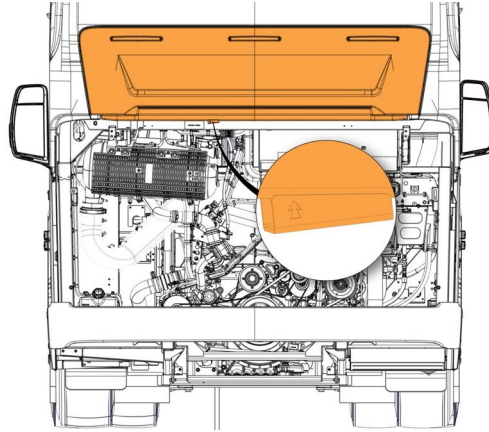
2. Lift the release lever to unlatch the engine compartment door.



3. Pull the engine compartment door out and up to open.



4. Press the release lever and push the DPF access hatch up until it locks in place.

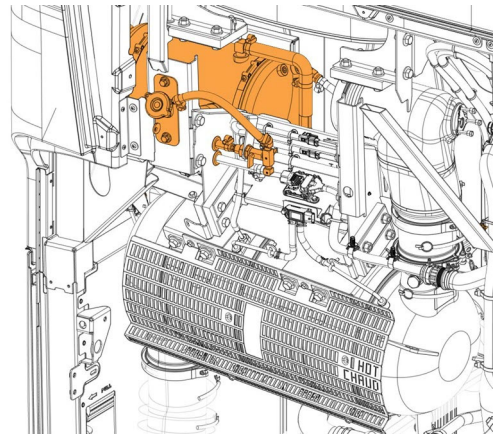


5. Locate the engine coolant surge tank.

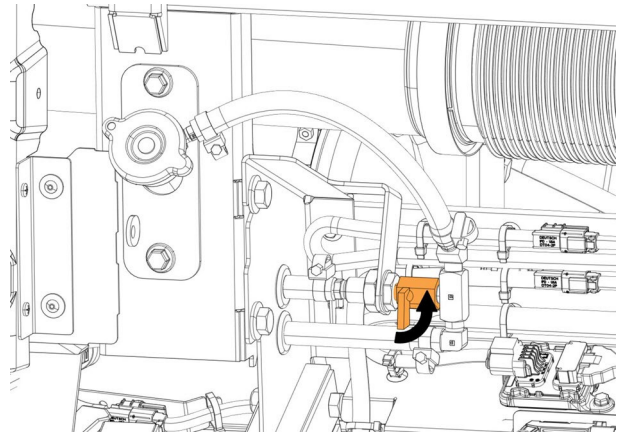


**CAUTION**

Allow engine coolant to cool down before proceeding with the following steps.

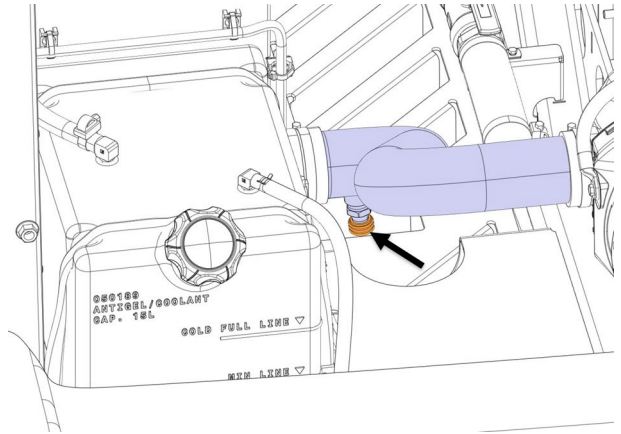


6. Open the pressure relief valve.



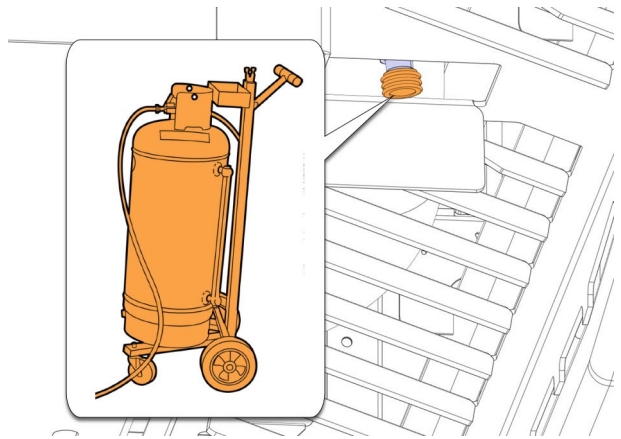


7. Locate the drain cock at the radiator water pipe.

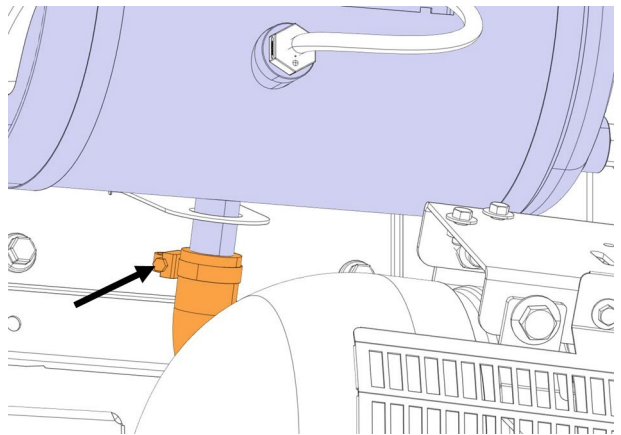


8. Remove the protection cap and connect the coolant extractor to the radiator drain cock.

9. Drain the engine coolant.



10. Unscrew the hose clamp and remove the hose connected to the pump inlet pipe from the surge tank.



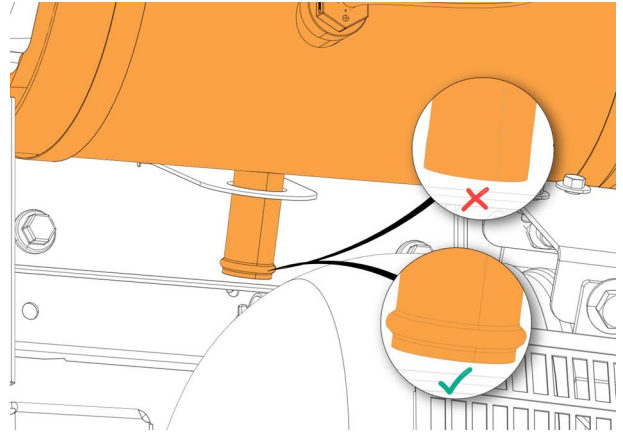
11. Check the surge tank tube.

- If no bead is present, the surge tank needs to be replaced.

**NOTE**

Make sure to perform steps 21 to 33 of this section and order the kit before proceeding with the surge tank replacement section.

- If a bead is present, go to the next step.



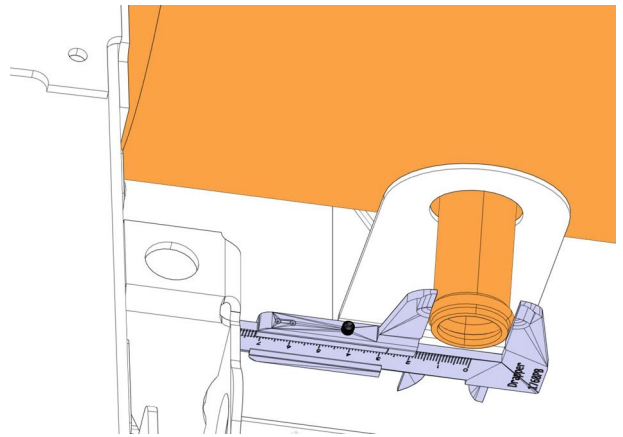
12. Use a caliper to measure the bead diameter.

- If the bead diameter is less than **1.05 in**, the surge tank needs to be replaced.

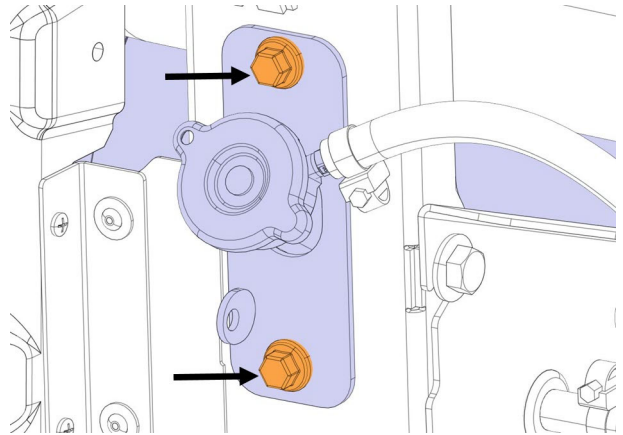
**NOTE**

Make sure to perform steps 21 to 33 of this section and order the kit before proceeding to the surge tank replacement section.

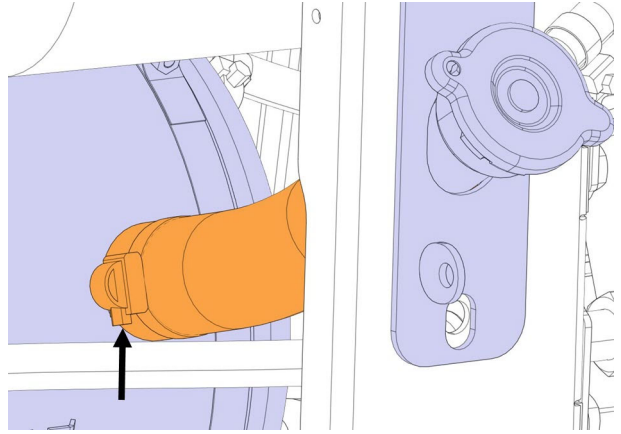
- If the bead diameter is comprised between **1.05 in** and **1.07 in**, go to the next step.



13. Unscrew the bolts (2x) of the filler neck plate. Keep the hardware for reinstall.



14. Unscrew the hose clamp and disconnect the filling hose from the surge tank.



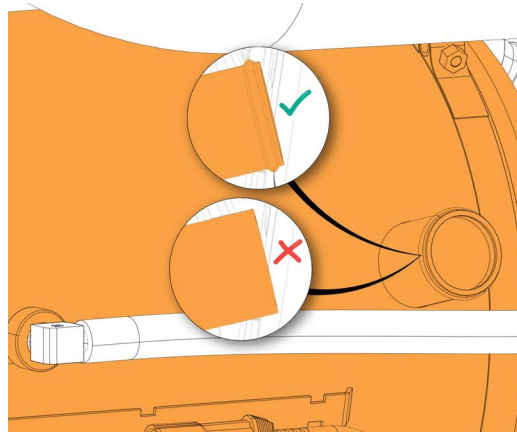
15. Check the surge tank filling tube.

- If no bead is present, the surge tank needs to be replaced.

**NOTE**

Make sure to perform steps 17 to 33 of this section and order the kit before proceeding to the surge tank replacement section.

- If a bead is present, go to the next step.



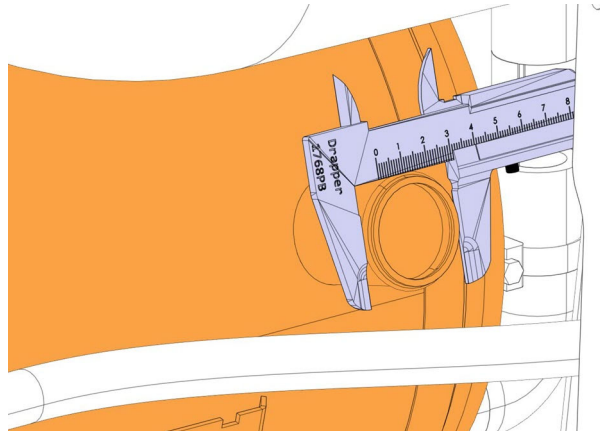
16. Use a caliper to measure the bead diameter.

- If the bead diameter is less than **1.48 in**, the surge tank needs to be replaced.

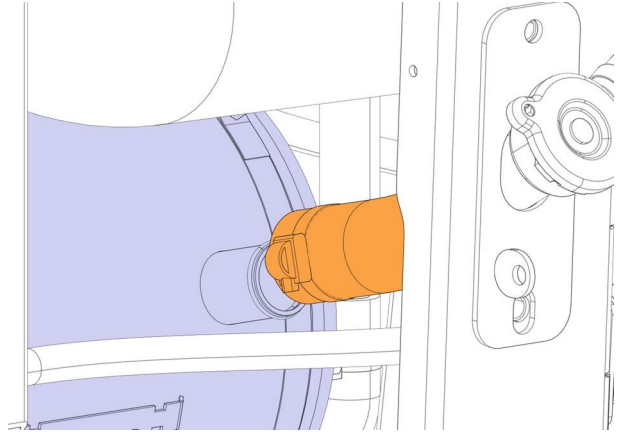
**NOTE**

Make sure to perform steps 17 to 33 of this section and order the kit before proceeding to the surge tank replacement section.

- If the bead diameter is comprised between **1.48 in** and **1.50 in**, go to the next step



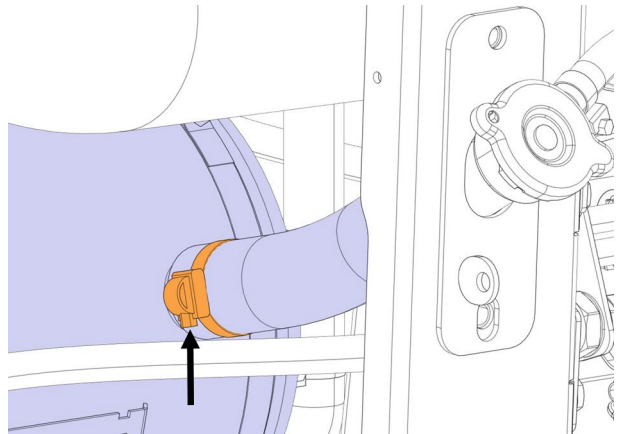
17. Reconnect the filling hose to the surge tank.



18. Tighten the hose clamp to **30 lb-in.**

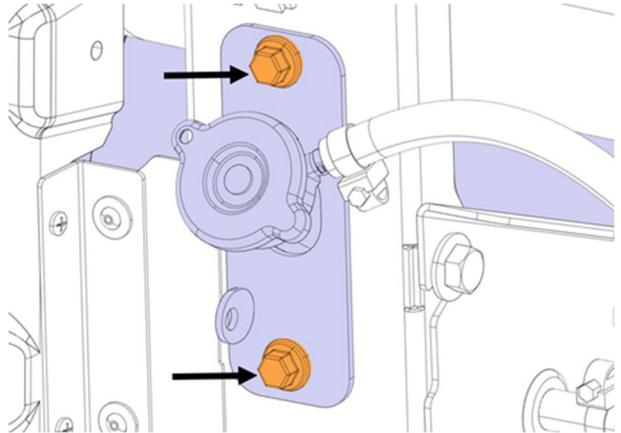
**NOTE**

The hose clamp must be pointing downwards as shown in the figure.

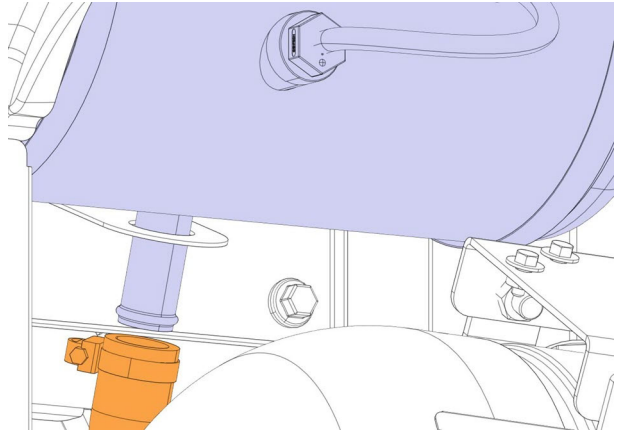


19. Reinstall the washers (2x) and the screws (2x) on the filler neck plate.

20. Tighten the bolts to **28 lb-ft.**



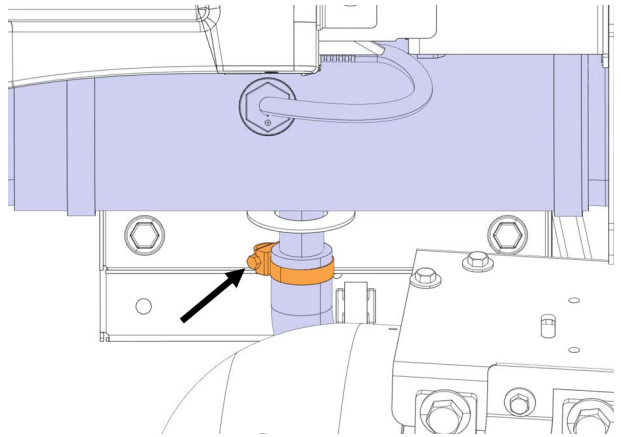
21. Reconnect the hose, which is connected to the pump inlet pipe, to the surge tank.



22. Tighten the hose clamp to **30 lb-in.**

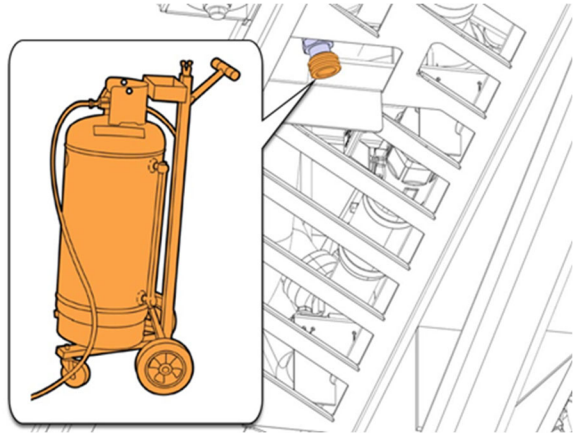
**NOTE**

The hose clamp must be pointing as shown in the figure.

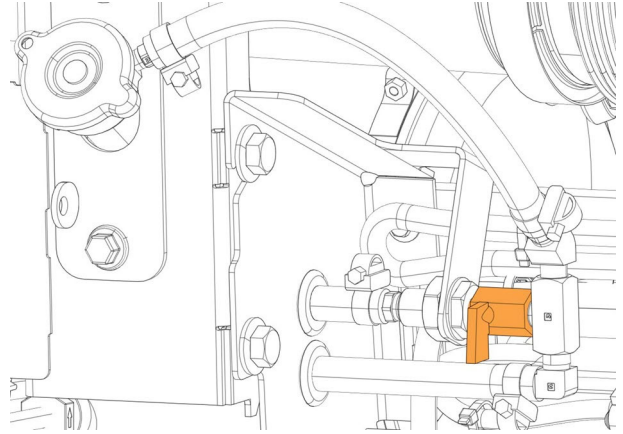


23. Refill the cooling system.

24. Disconnect the coolant extractor and reinstall the protection cap on the radiator drain cock.

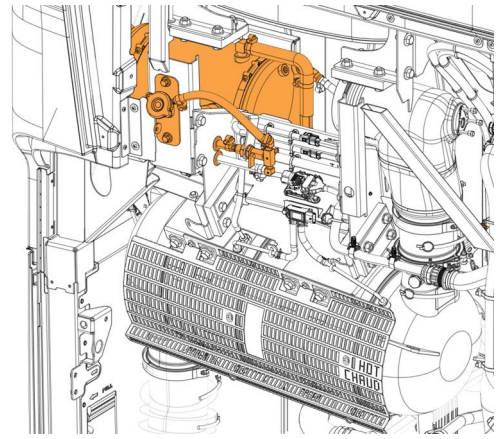


25. Close the surge tank pressure valve.



26. Start the engine and run at fast idle.

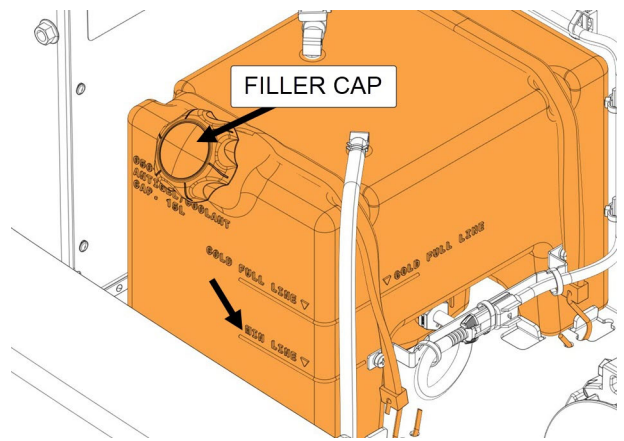
27. Check for leaks.



28. Stop the engine and allow cooling.

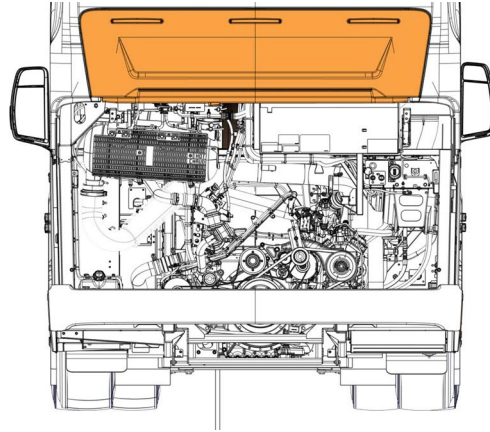
29. Check the coolant level through the recovery tank. Coolant level should be above the MIN LINE.

30. Use the recovery tank filler cap to add coolant if required.

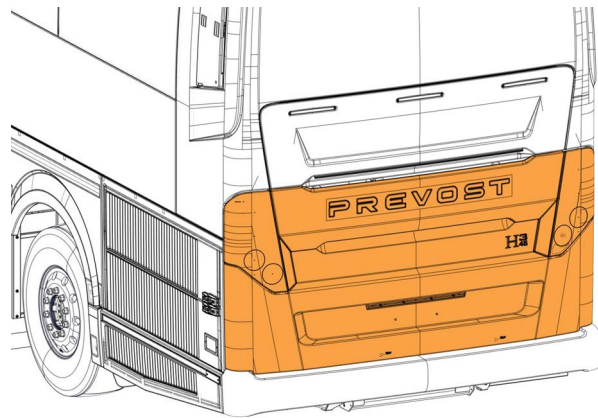




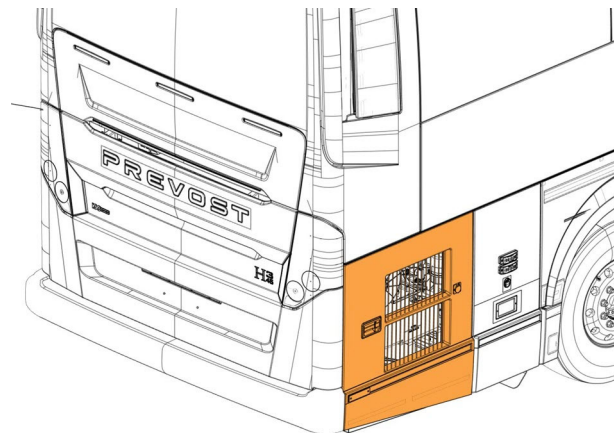
31. Lower the DPF access hatch.



32. Close the engine compartment rear door.

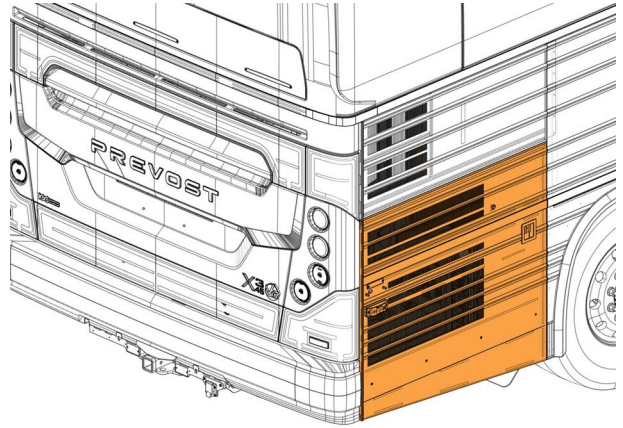


33. Close the compressor door.

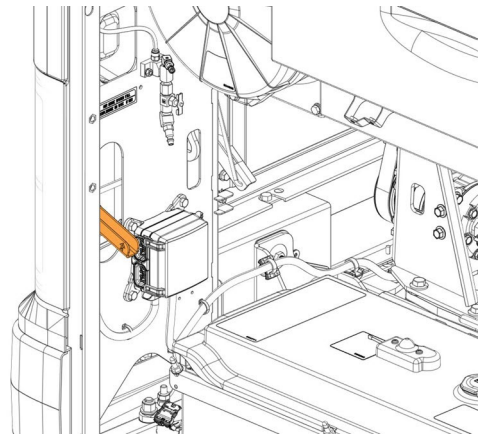


## SURGE TANK REPLACEMENT X3 SERIES

1. Open the compressor door.



2. Push up the lever to release the engine compartment door.

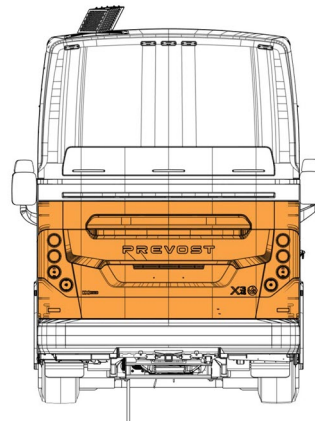


3. Pull the engine compartment door out and up to open.



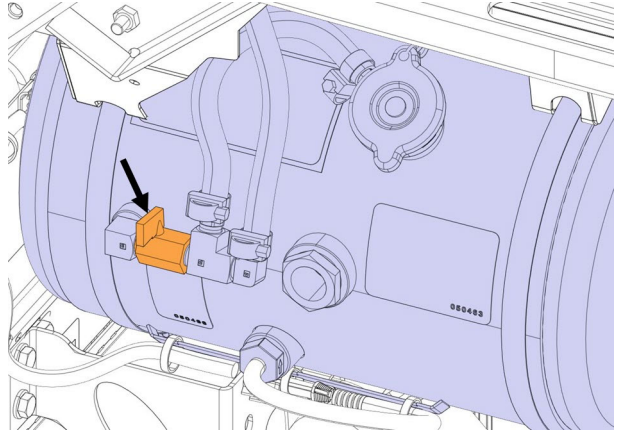
### CAUTION

Allow the engine coolant to cool down before proceeding with the following steps.



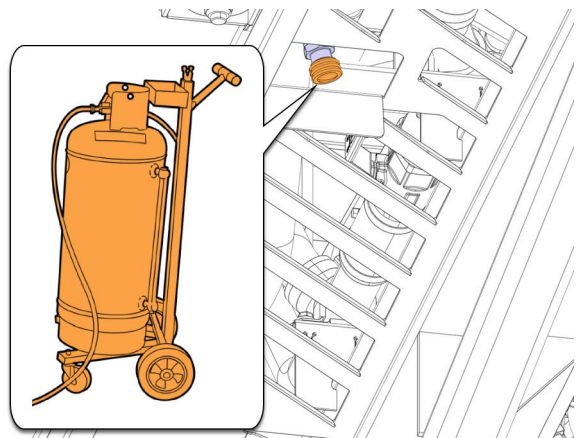


4. Open the surge tank pressure valve.

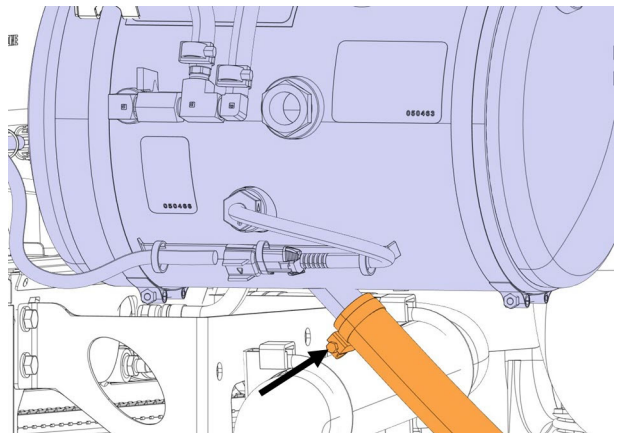


5. Remove the protection cap at the bottom of the radiator water pipe and connect the coolant extractor to the drain cock.

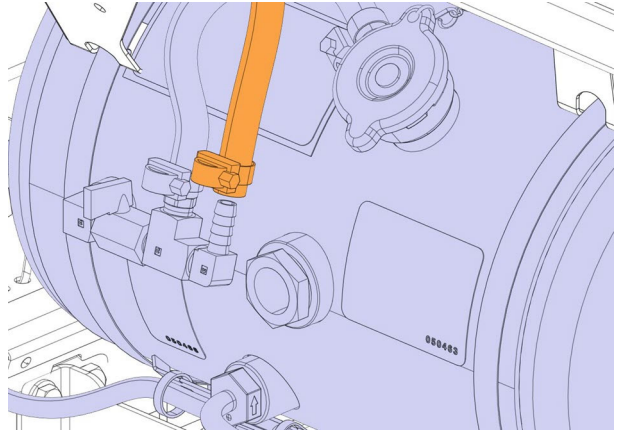
6. Drain the engine coolant.



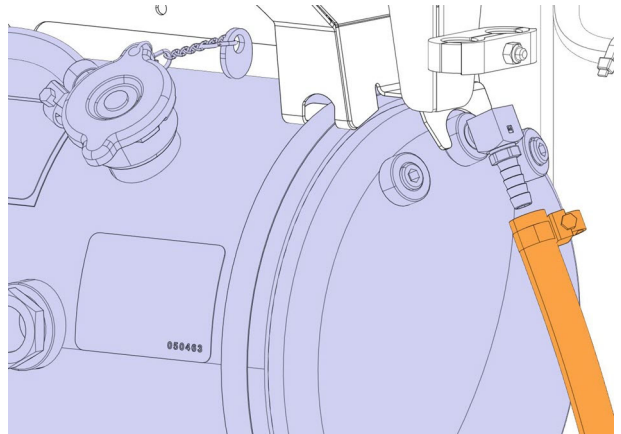
7. Unscrew the hose clamp and remove the hose connected to the pump inlet pipe from the surge tank.



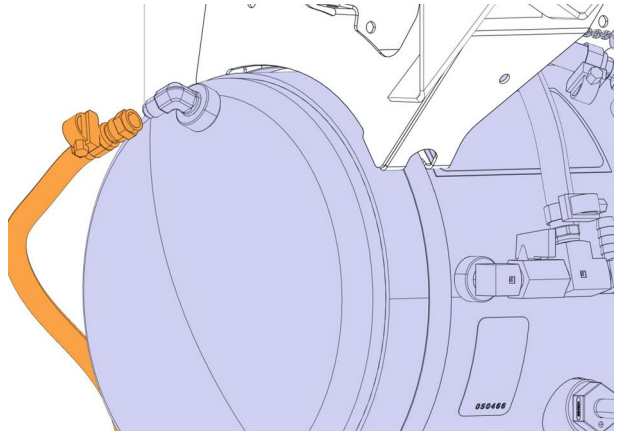
8. Unscrew the hose clamp and disconnect the recovery tank hose from the surge tank.



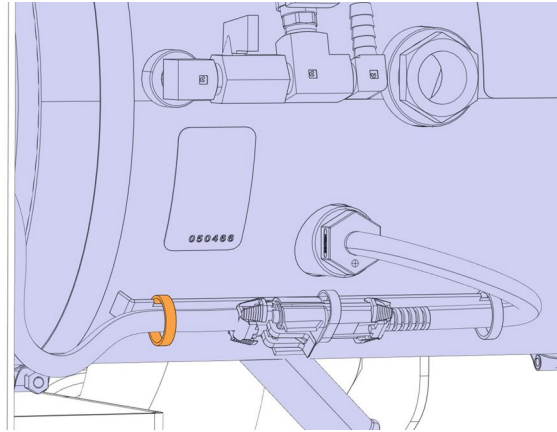
9. Unscrew the hose clamp and disconnect the coolant return hose from the surge tank.



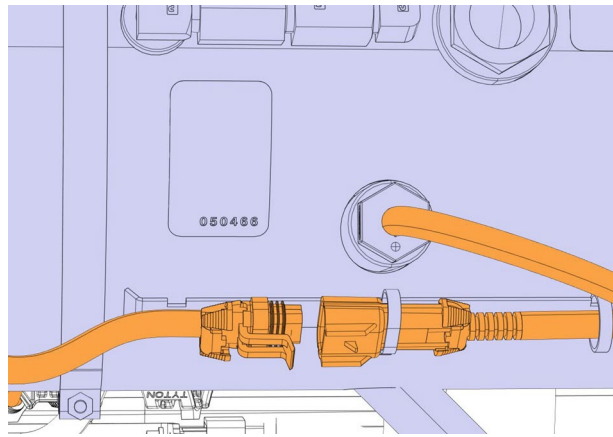
10. Unscrew and disconnect the radiator hose from the elbow adapter on the surge tank. Do not unscrew the hose clamp.



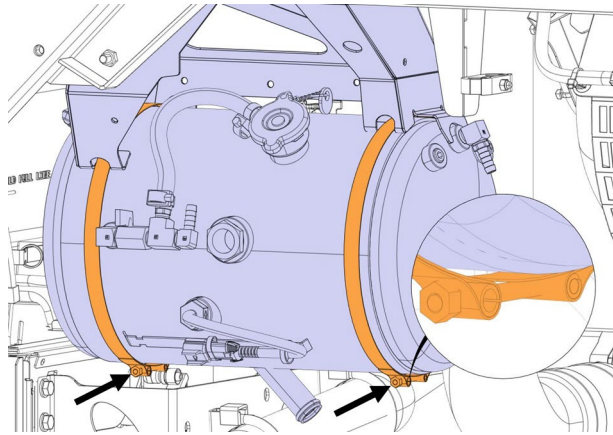
11. Cut the cable tie securing the engine accessories harness to the surge tank.



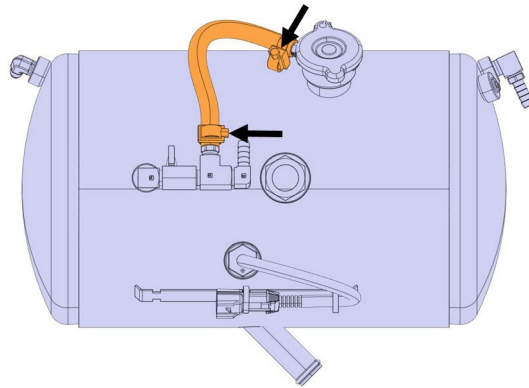
12. Unplug the coolant level sensor connector.



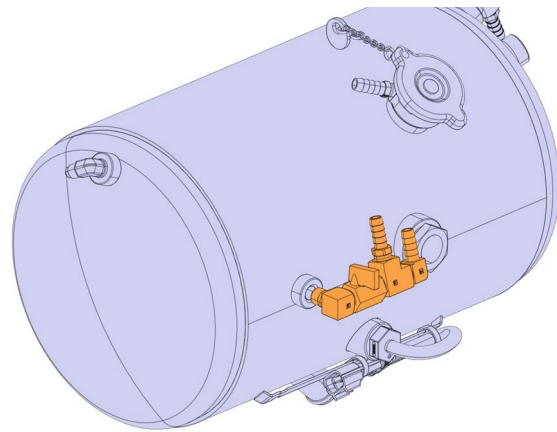
13. Unscrew the clamps (2x) securing the surge tank to the bracket and remove the tank from the vehicle.



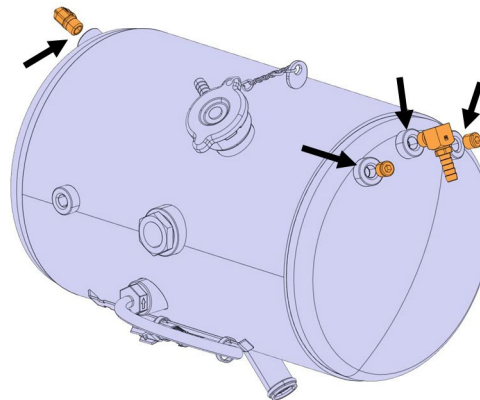
14. Unscrew the hose clamps (2x) and remove the overflow hose from the surge tank.



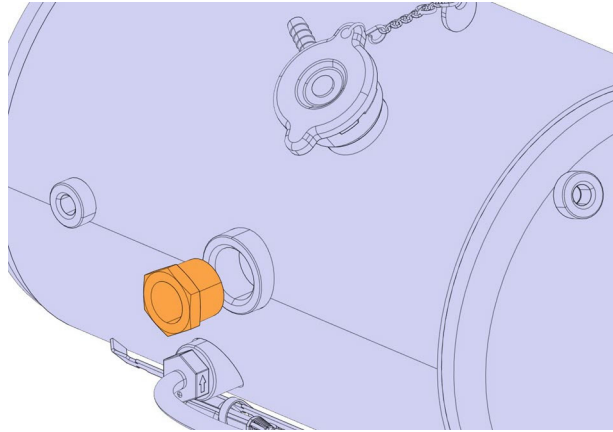
15. Remove the pressure valve assembly from the surge tank.



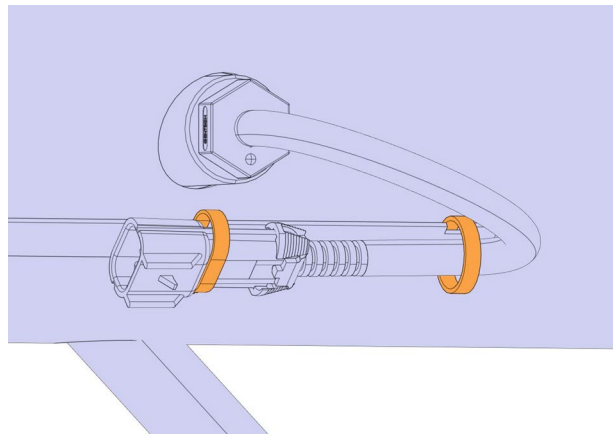
16. Remove all the fittings and pipe plugs.



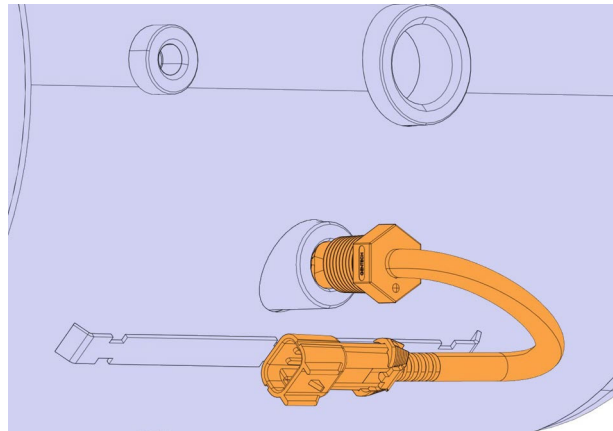
17. Unscrew and remove the sight glass.



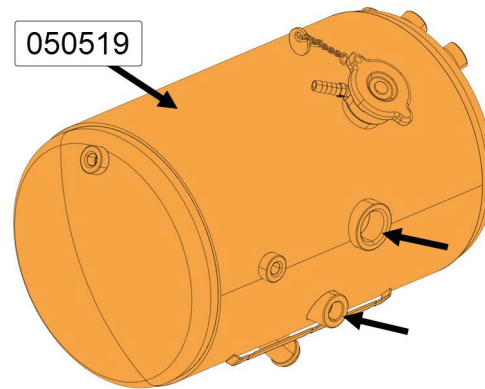
18. Cut the cable ties (2x) securing the coolant level sensor harness.



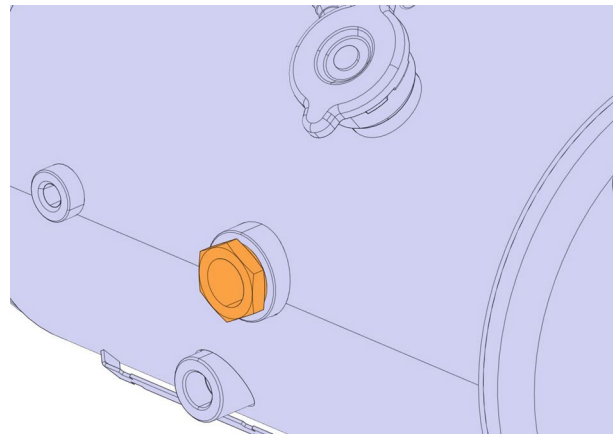
19. Unscrew and remove the coolant level sensor.



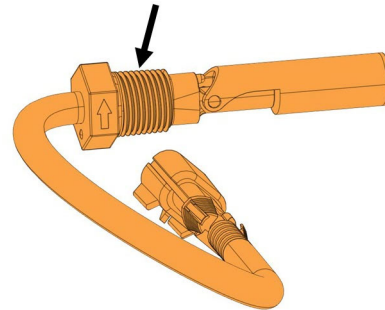
20. Clean the sight glass port and the coolant level sensor port on the new surge tank 050519 with a steel brush.



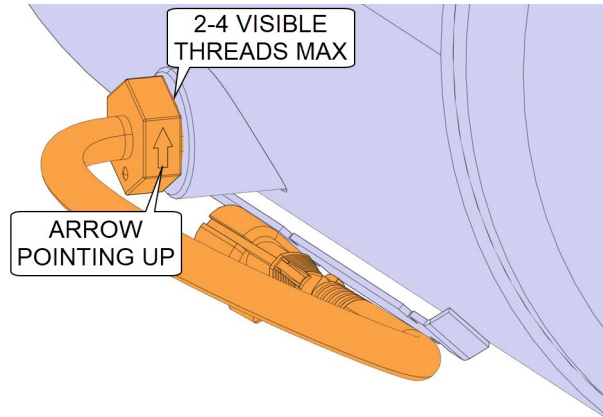
21. Clean the sight glass threads with a steel brush and apply Loctite 567 thread sealant 680098.
22. Reinstall the sight glass on the new surge tank. Tighten by 2-2.5 turns after hand-tightening.



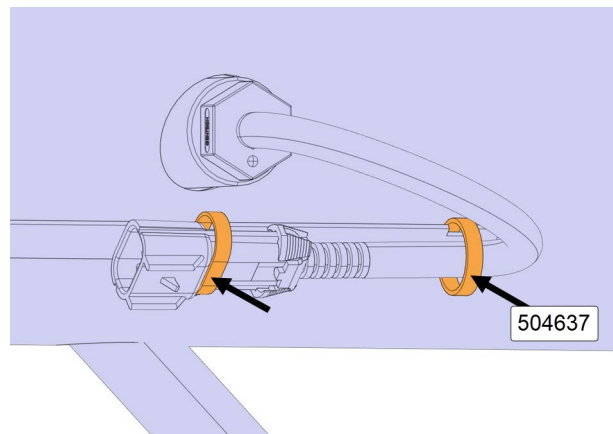
23. Clean the coolant level sensor threads with a steel brush.
24. Wrap the Teflon tape 680110 around the coolant level sensor threads.
25. Apply a thin layer of Loctite 567 thread sealant 680098 over the Teflon tape covering the entire threaded portion of the sensor.



26. Reinstall the coolant level sensor on the new surge tank. Tighten until no more than two to four threads are visible and the arrow on the side of the sensor is pointing up.

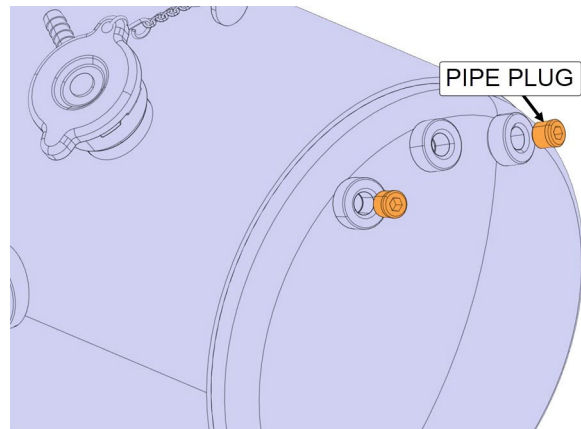


27. Secure the coolant level sensor harness to the surge tank using cable ties 504637 (2x).



28. Apply Loctite 567 thread sealant 680098 on the threaded pipe plugs (2x).

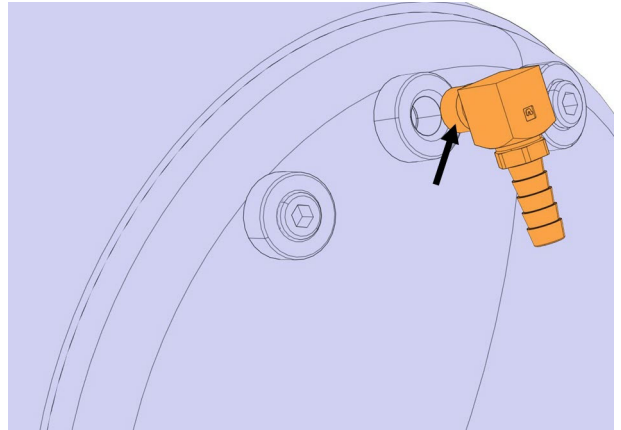
29. Reinstall the plugs in the surge tank ports.



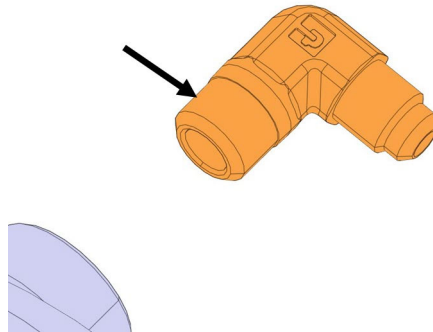


30. Apply Loctite 567 thread sealant 680098 on the elbow fitting threads.

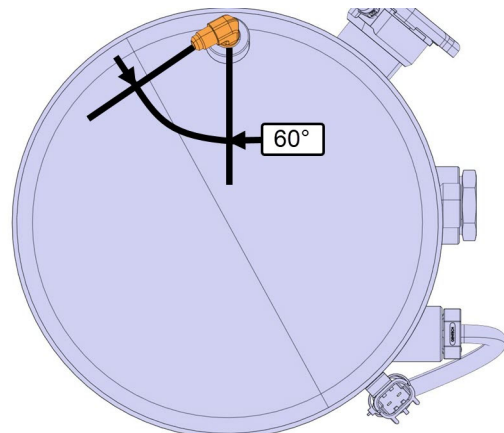
31. Reinstall the fitting on the surge tank. Fitting must be positioned downwards as shown in the figure.



32. Apply Loctite 567 thread sealant 680098 on the elbow fitting threads that will be connected to the left-hand side surge tank port.



33. Reinstall the elbow fitting adapter in the surge tank port and position it at an angle of 60° with respect to the vertical.



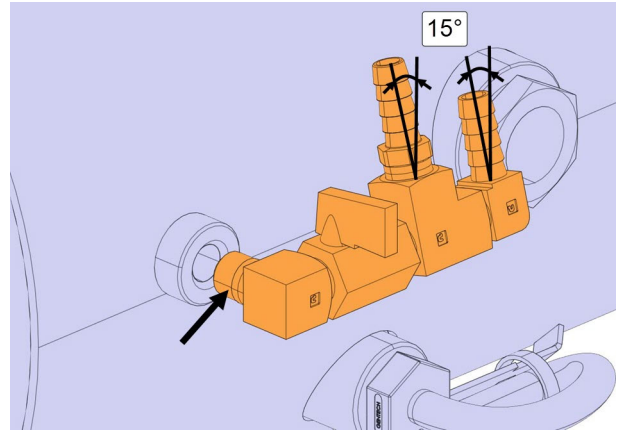


34. Apply Loctite 567 thread sealant 680098 on the fitting threads that will be connected to the pressure relief port.

35. Reinstall the pressure valve assembly on the surge tank.

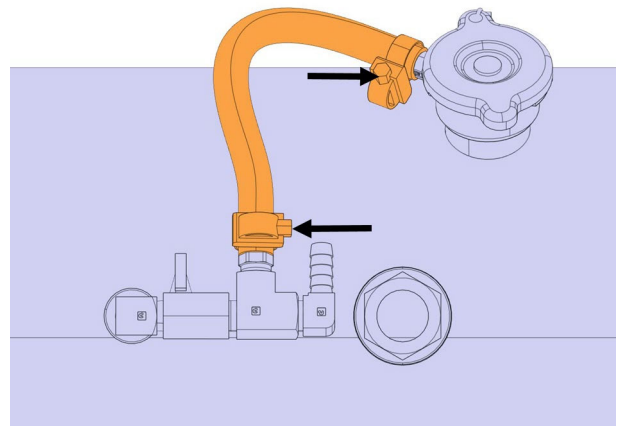
**NOTE**

Make sure hose fittings on valve assembly are positioned at 15° angle to the vertical.



36. Reconnect the overflow hose to the surge tank.

37. Tighten the hose clamps to **30 lb-in (2x)**.

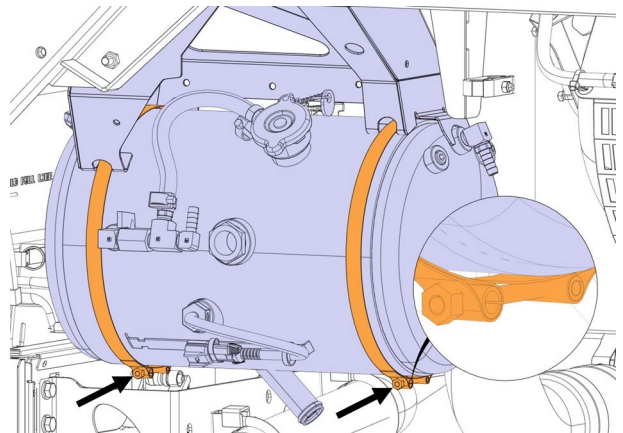


38. Attach the surge tank to its bracket on the vehicle with the T-bolt clamps.

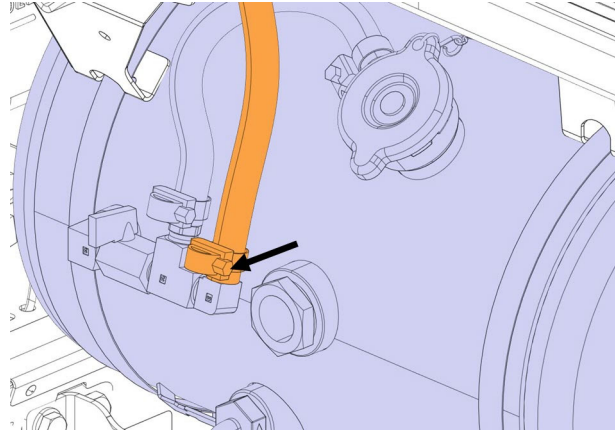
39. Tighten the clamps.

**NOTE**

The T-bolts must be pointing towards the rear of the vehicle as shown in the figure.



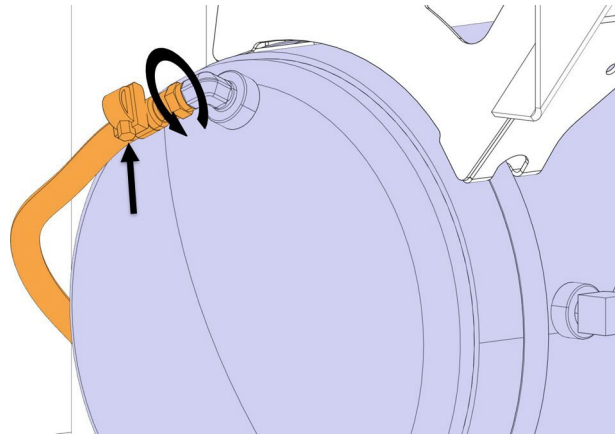
40. Reconnect the recovery tank hose.  
41. Tighten the hose clamp to **30 lb-in.**



42. Reconnect and tighten the radiator hose by screwing the hose fitting on the elbow adapter.

**NOTE**

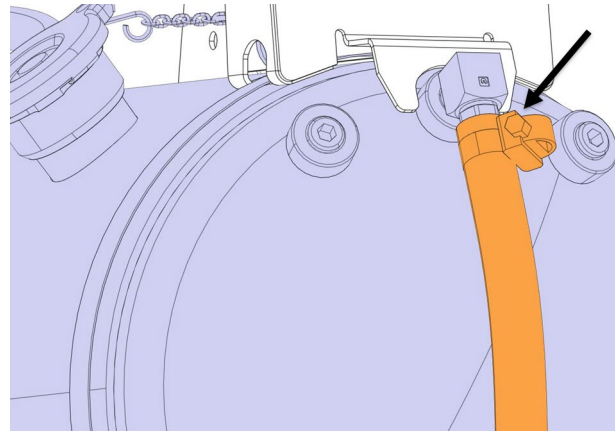
The hose clamp must be pointing downwards as shown in the figure.



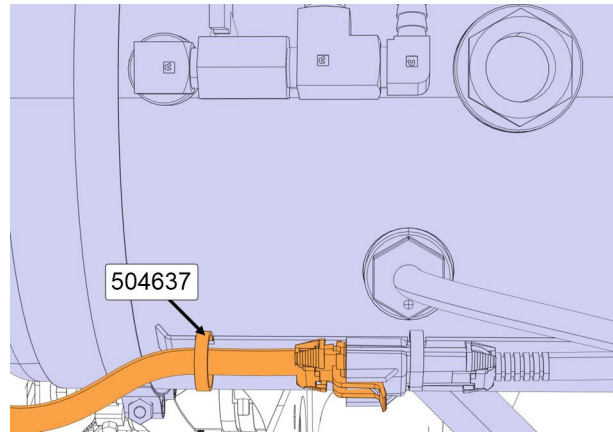
43. Reconnect the engine hose.  
44. Tighten hose clamp to **30 lb-in.**

**NOTE**

The hose clamp must be pointing as shown in the figure.



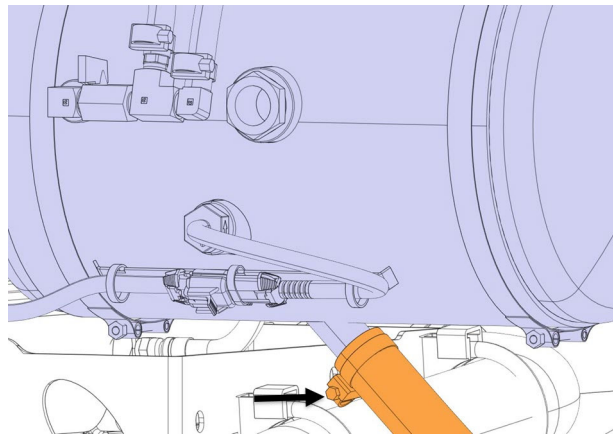
45. Reconnect the coolant level sensor to the engine accessories harness.
46. Secure the harness to the surge tank using cable tie 504637.



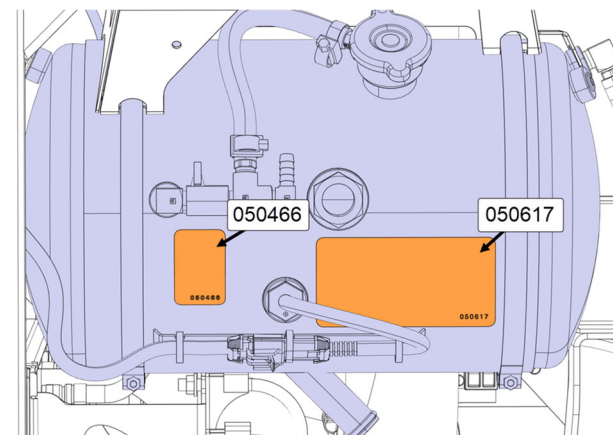
47. Reconnect the hose, which is connected to the pump inlet pipe, to the surge tank.
48. Tighten hose clamp to **30 lb-in.**

***NOTE***

The hose clamp must be pointing towards the rear of the vehicle as shown in the figure.

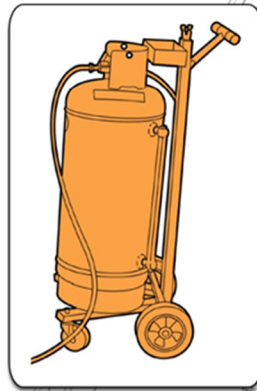


49. Install the new decals 050617 and 050466 on the surge tank.

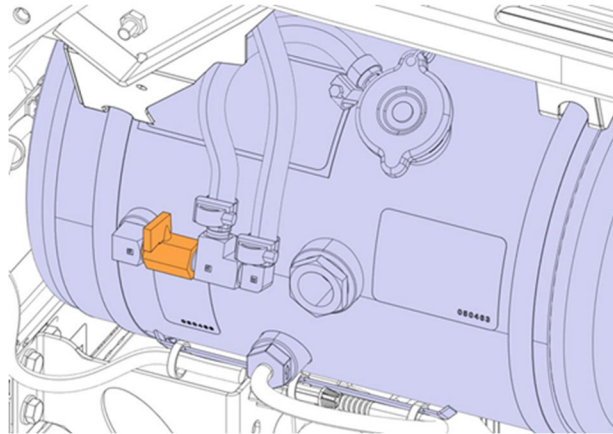


50. Refill the cooling system with the previously drained coolant.

51. Disconnect the coolant extractor and reinstall the protection cap on the radiator drain cock.

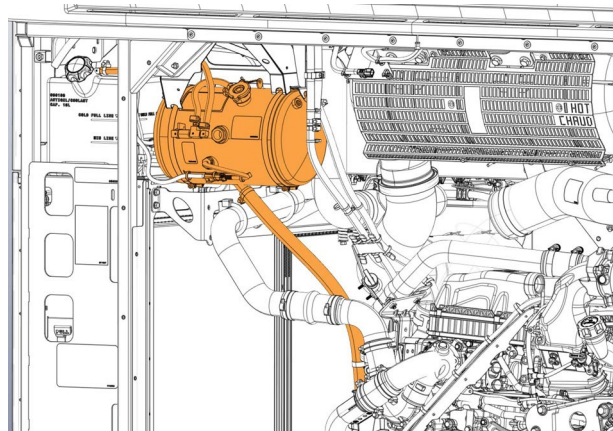


52. Close the pressure relief valve.



53. Start the engine and run at fast idle.

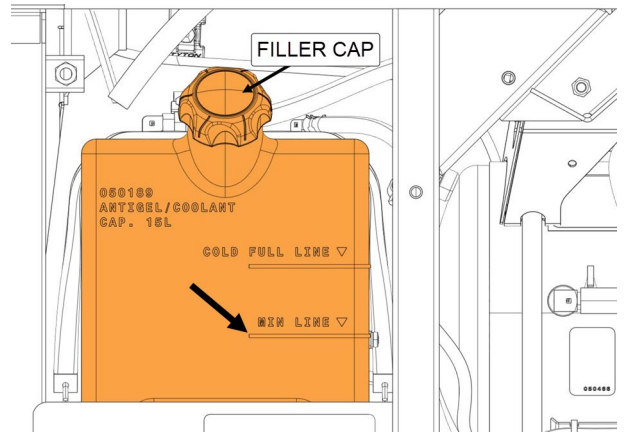
54. Check for leaks.



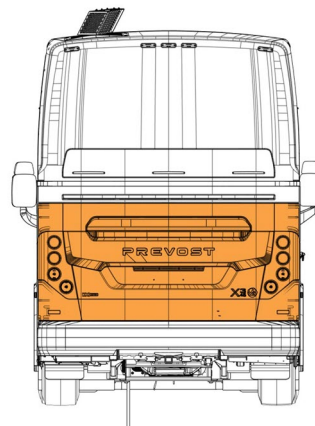
55. Stop the engine and allow cooling.

56. Check the coolant level through the recovery tank. Coolant level should be above the MIN LINE.

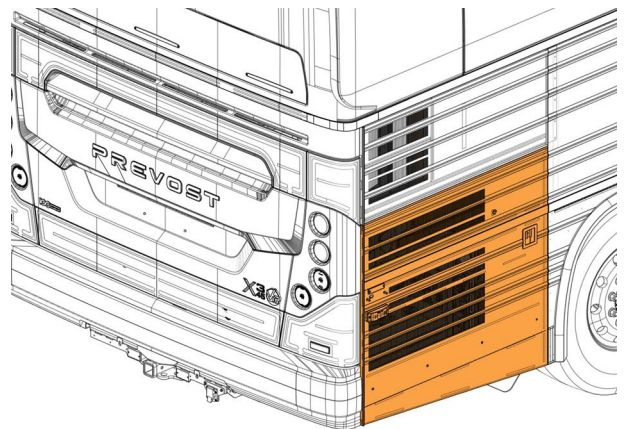
57. Use the recovery tank filler cap to add coolant if required.



58. Close the engine compartment rear door.



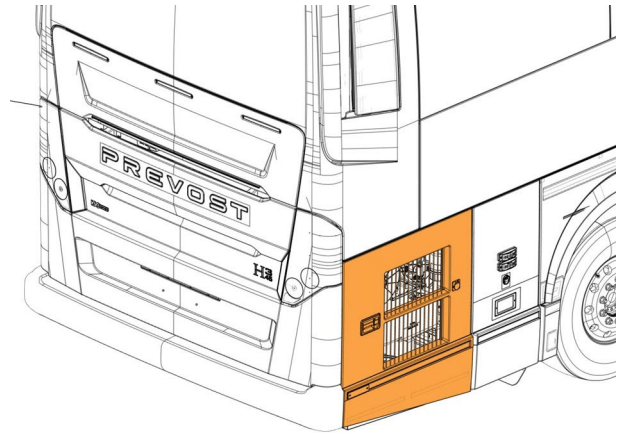
59. Close the engine compartment curbside door.



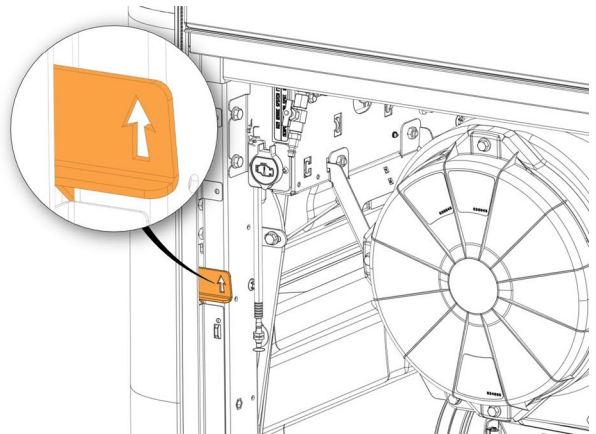


## SURGE TANK REPLACEMENT H3 SERIES

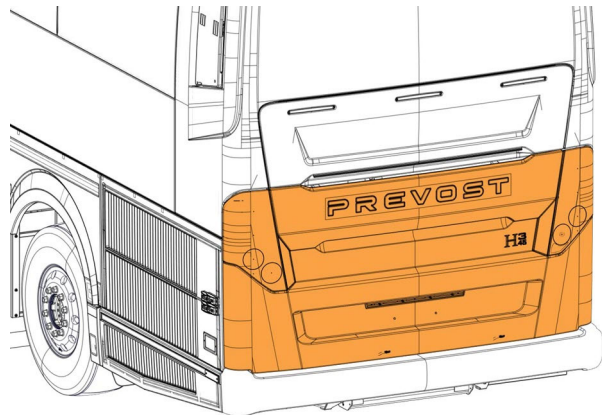
1. Open the compressor door.



2. Lift the release lever to unlatch the engine compartment door.



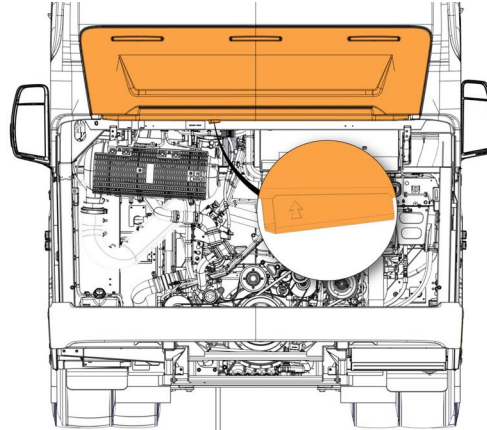
3. Pull the engine compartment door out and up to open.



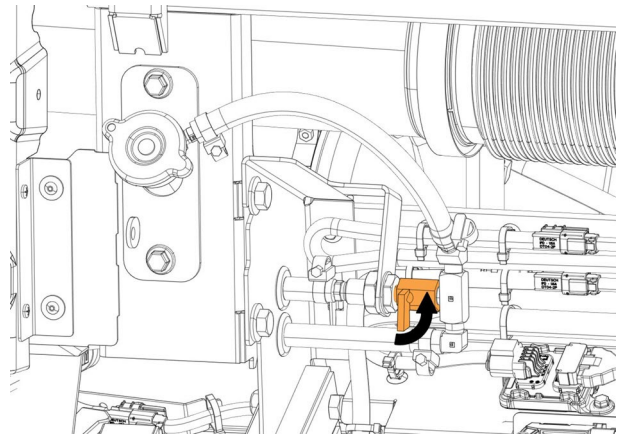
4. Press the release lever and push the DPF access hatch up until it locks in place.

**CAUTION**

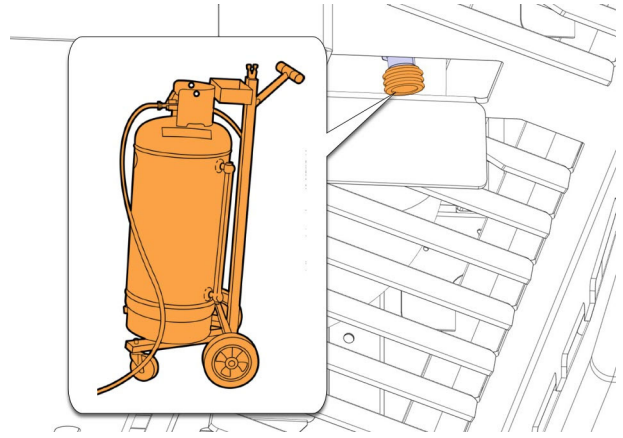
Allow engine and exhaust aftertreatment system to cool down before proceeding with the following steps.



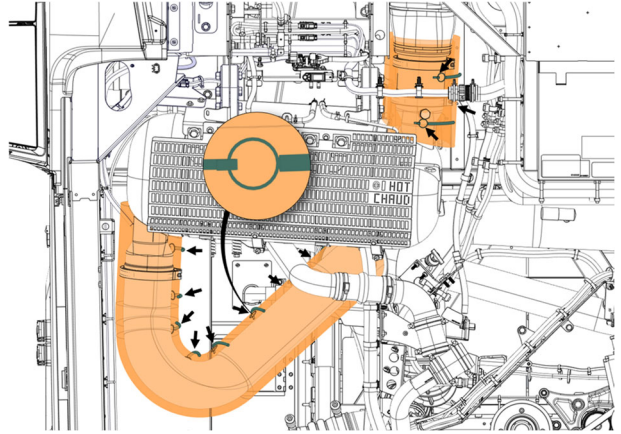
5. Open the pressure relief valve.



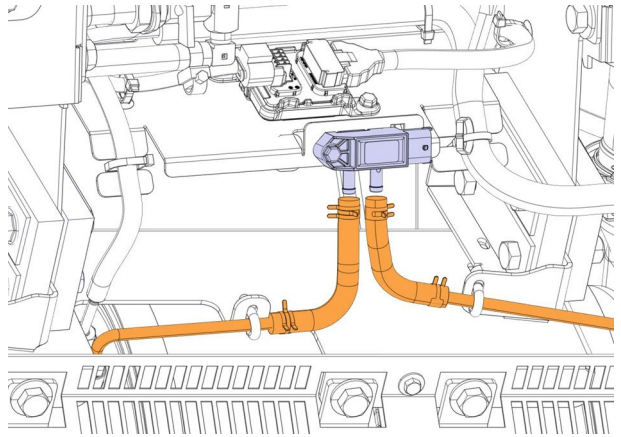
6. Remove the protection cap at the bottom of the radiator water pipe and connect the coolant extractor to the drain cock.
7. Drain the engine coolant.



8. Detach the springs and remove the insulating blankets.



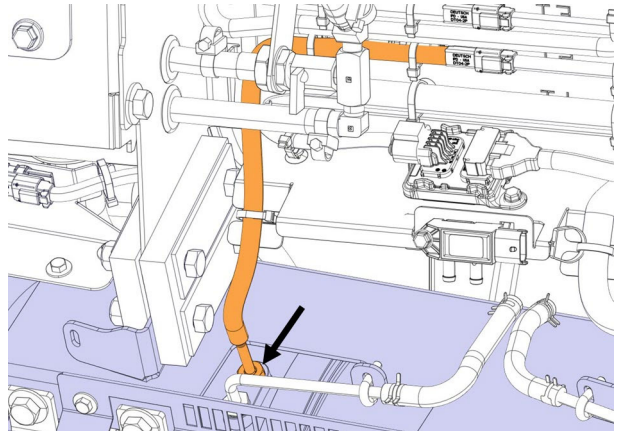
9. Disconnect the high pressure and low-pressure sensor hoses from the differential pressure sensor.



10. Unscrew and remove the temperature sensor T2 from the DPF assembly.

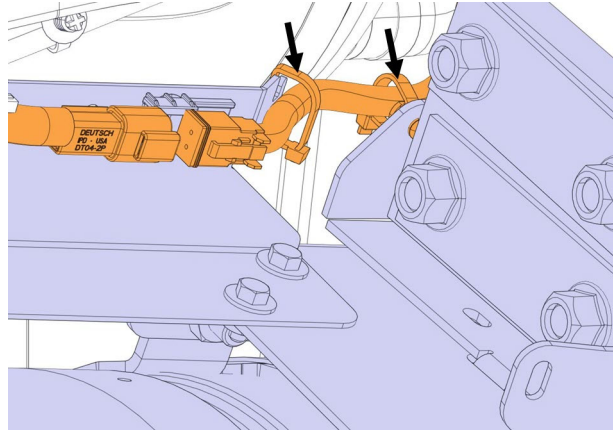
**NOTE**

Sensor probe is fragile. Attach it to the DPF cable support so that it cannot be damaged.

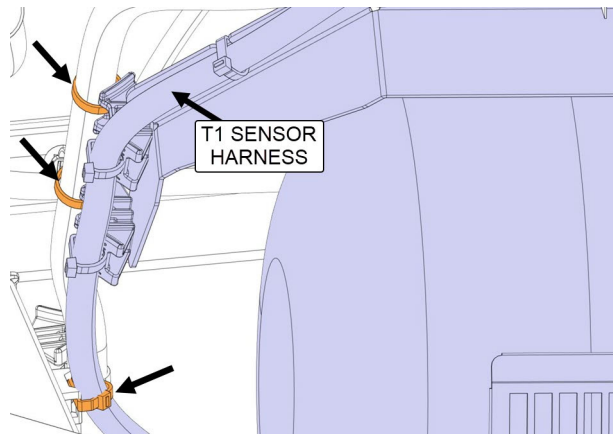




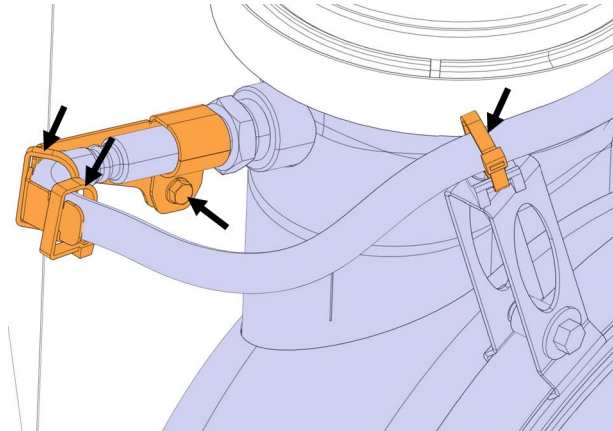
11. Cut the cable ties (2x) and unplug the temperature sensor T1 from the DPF harness.



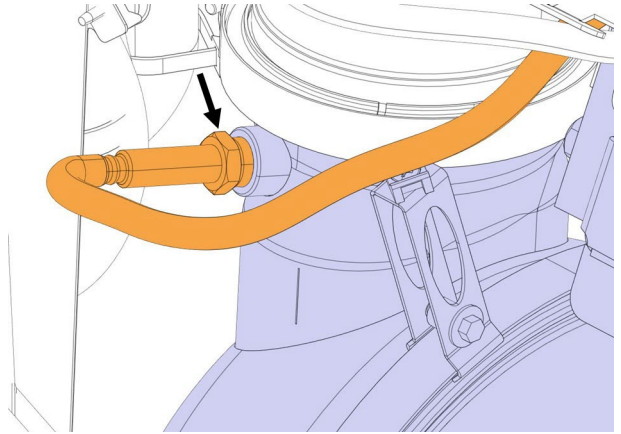
12. Cut the cable ties (2x) securing the catch tank hose to the DPF cable support and the one securing T1 sensor harness to the structure.



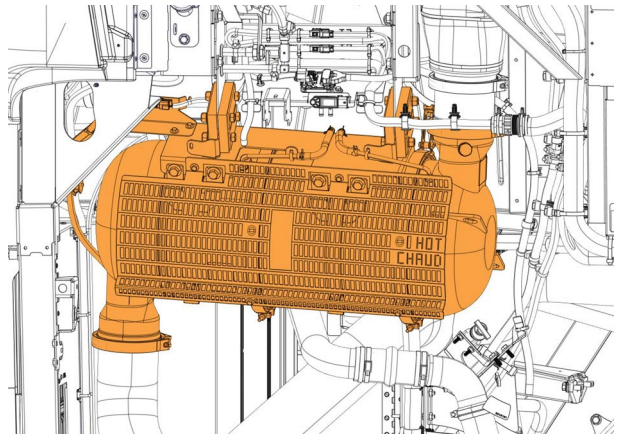
13. Cut the cable ties (3x) securing the NOx sensor harness.
14. Unscrew and remove the wiring guide. Keep the hardware for reinstall.



15. Unscrew and remove the NOx sensor from the DPF assembly.

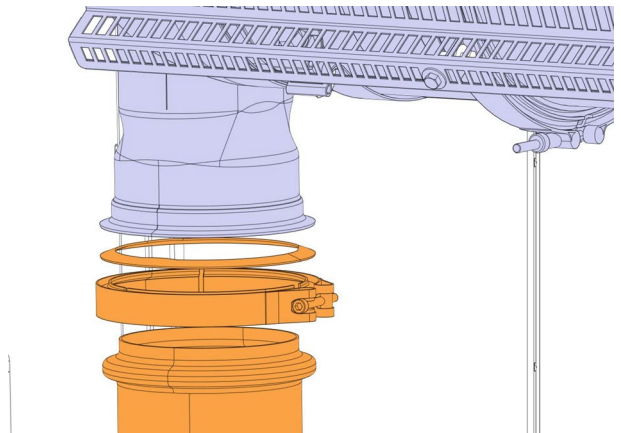


16. Use a suitable lifting device to support the DPF assembly.



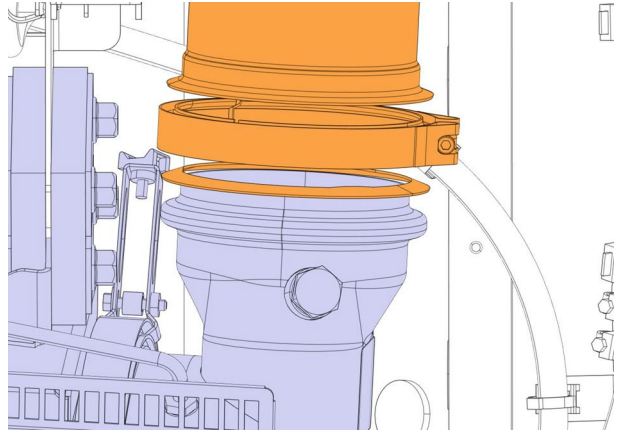
17. Unscrew the V-band clamp and disconnect the exhaust pipe from the DPF inlet.

18. Discard the V-band clamp and the gasket.



19. Unscrew the V-band clamp and disconnect the SCR exhaust pipe from the DPF outlet.

20. Discard the V-band clamp and the gasket.



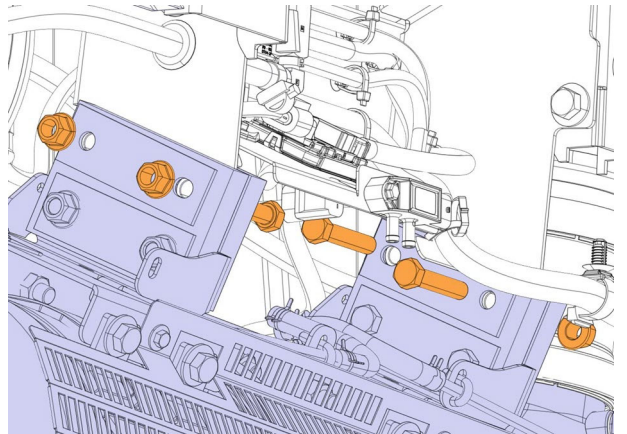
21. Remove the nuts (4x) and screws (4x) securing the DPF assembly. Discard the nuts and keep the screws for reinstall.

22. Carefully remove the DPF assembly from the vehicle.

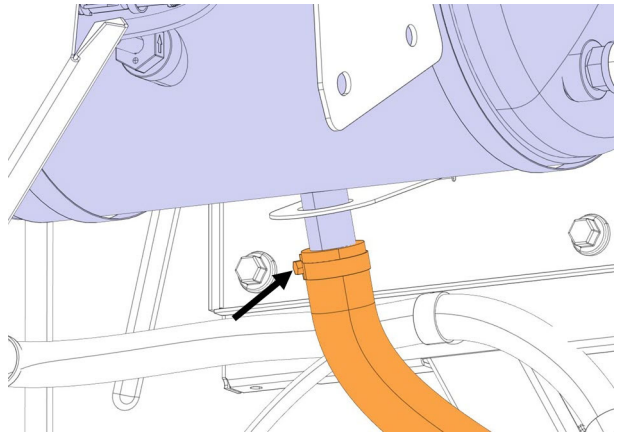


### CAUTION

Properly attach DPF assembly on the lifting equipment to prevent it from falling.

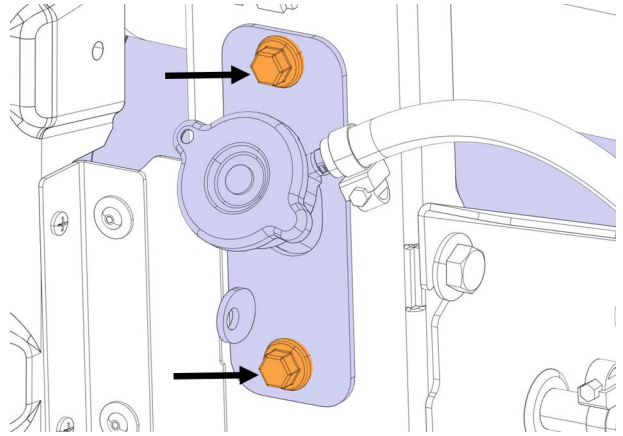


23. Unscrew the hose clamp and disconnect the hose, which is connected to the pump inlet pipe, from the surge tank.

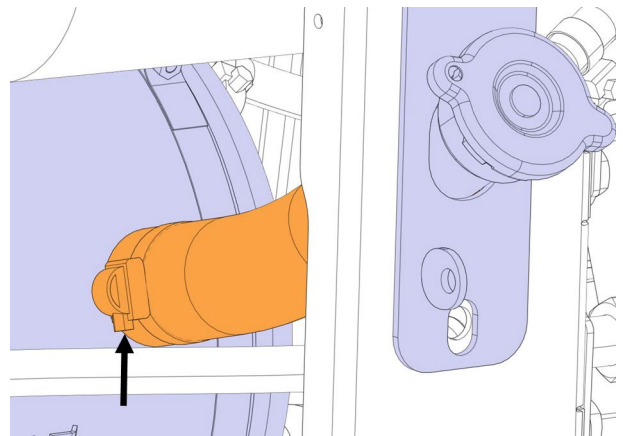


24. Unscrew the bolts (2x) securing the filler neck plate.

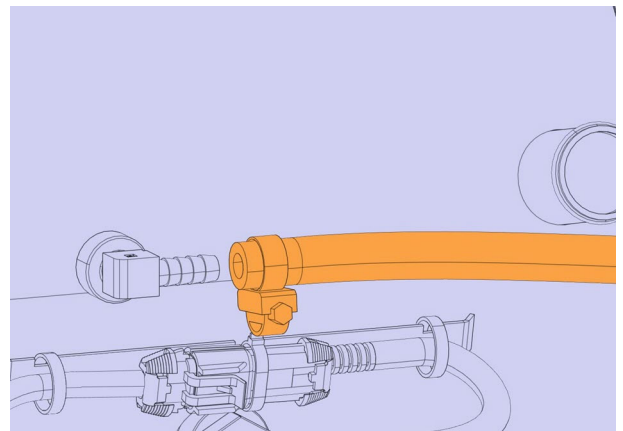
25. Keep the screws and discard the washers.



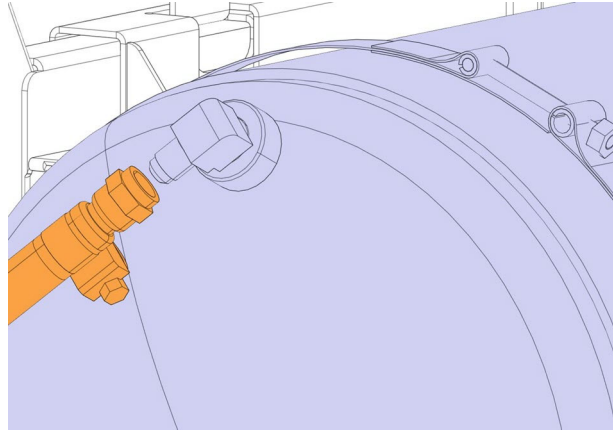
26. Unscrew the hose clamp and disconnect the filling hose from the surge tank.



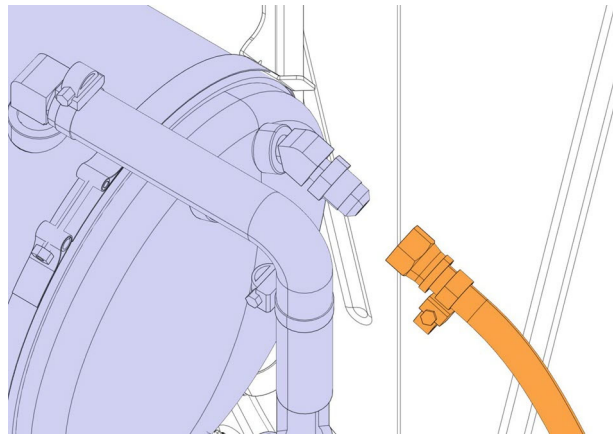
27. Unscrew the hose clamp and disconnect the overflow hose from the surge tank.



28. Unscrew and disconnect the radiator hose from the threaded elbow fitting on the surge tank. Do not unscrew the hose clamp.



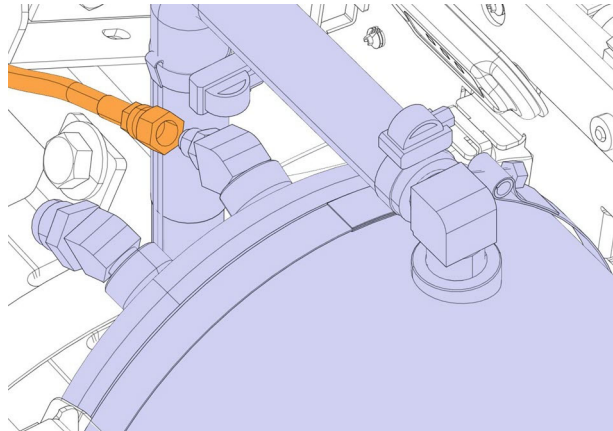
29. Unscrew and disconnect the engine hose from the threaded connector on the surge tank. Do not unscrew the hose clamp.



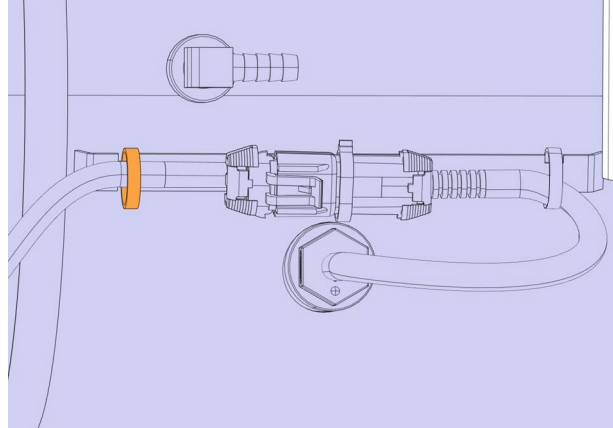
30. Unscrew and disconnect the transmission hose from the threaded connector on the surge tank, if applicable.

***NOTE***

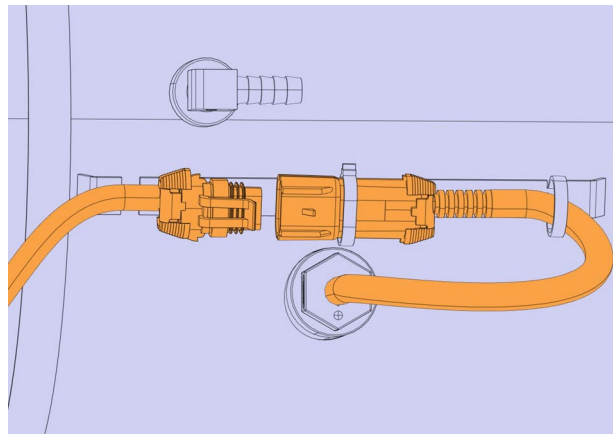
This step is applicable only for vehicles equipped with the world transmission output retarder.



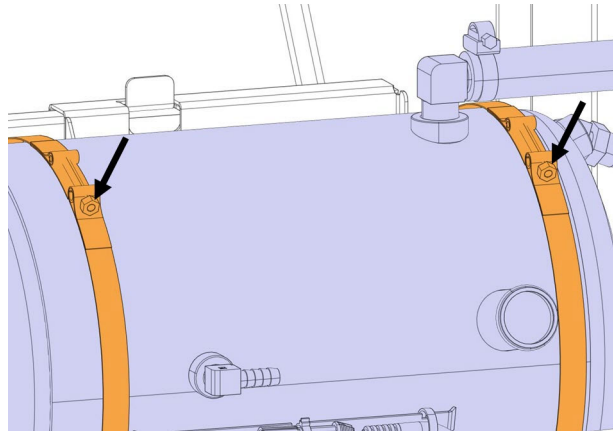
31. Cut the cable tie securing the engine accessories harness to the surge tank.



32. Unplug the coolant level sensor connector.

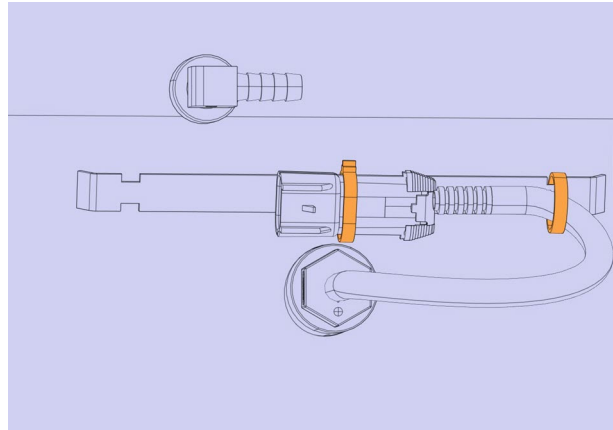


33. Unscrew the T-bolt clamps (2x) securing the surge tank to the bracket and remove the tank from the vehicle.

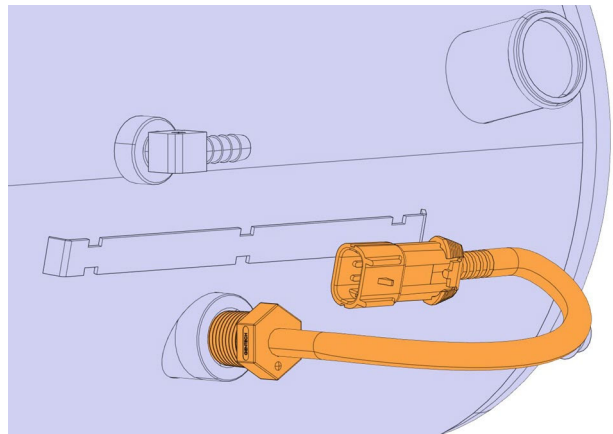




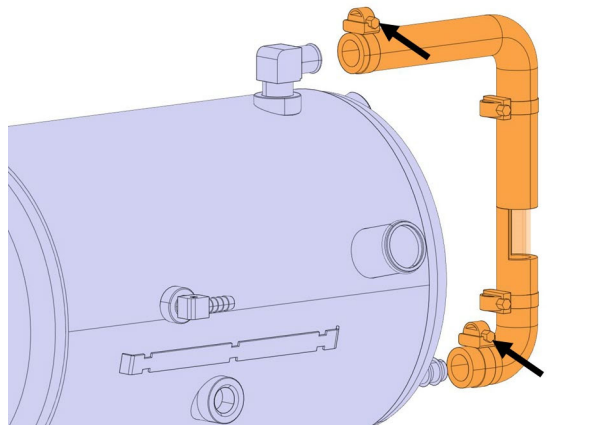
34. Cut the cable ties (2x) securing the coolant level sensor harness.



35. Unscrew and remove the coolant level sensor from the surge tank.

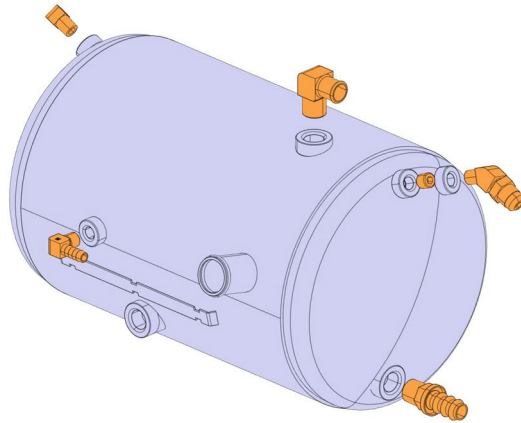


36. Unscrew the hose clamps (2x) and disconnect the sight glass tube from the surge tank.

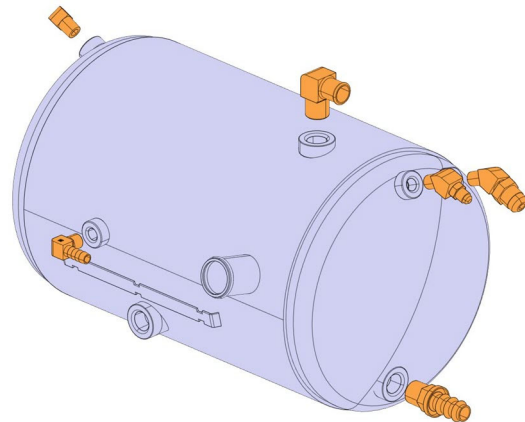




37. Remove all the fittings from the surge tank.

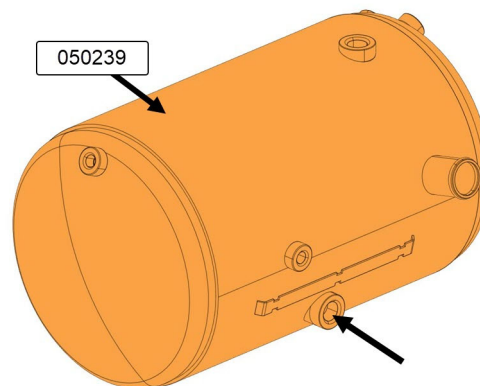


WITHOUT RETARDER

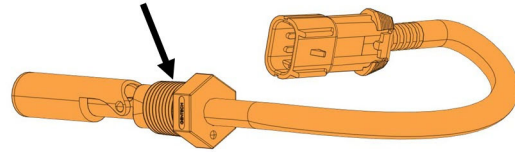


WITH RETARDER

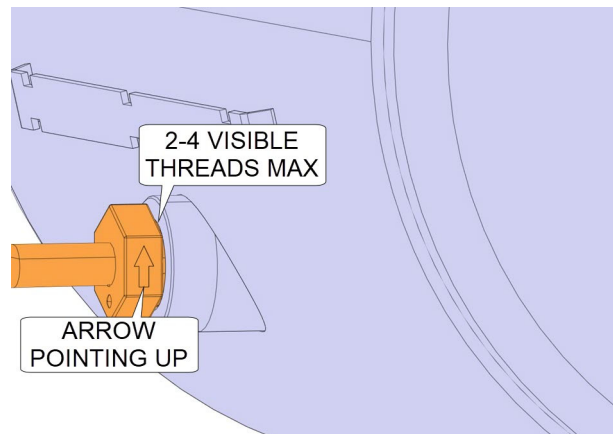
38. Clean the coolant level sensor port on the new surge tank 050239 with a steel brush.



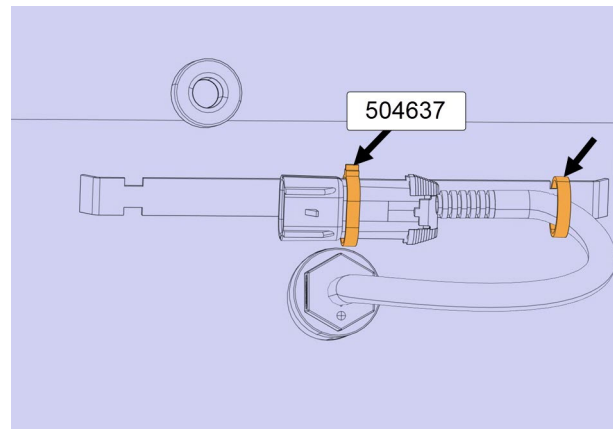
39. Clean the coolant level sensor threads with a steel brush.
40. Wrap Teflon tape 680110 around the coolant level sensor threads.
41. Apply a thin layer of Loctite 567 thread sealant 680098 over the Teflon tape.



42. Reinstall the coolant level sensor on the new surge tank. Tighten until no more than two to four threads are visible and the arrow on the side of the sensor is pointing up.



43. Secure the coolant level sensor harness to the surge tank using cable ties (2x) 504637.

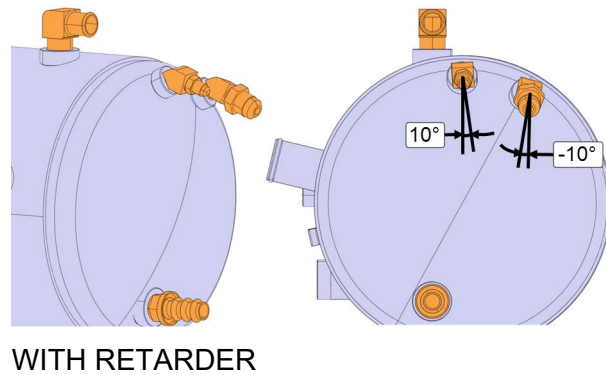
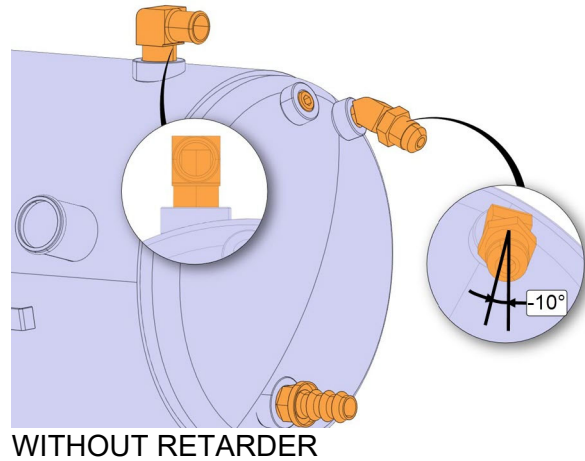


44. Apply Loctite 567 thread sealant 680098 on the fittings and pipe plug threads.
45. Reinstall the fittings and the pipe plug (if applicable) on the surge tank.

**NOTES**

The elbow fitting receiving the engine hose must be positioned at a  $10^\circ$  angle to the vertical in the **clockwise direction**.

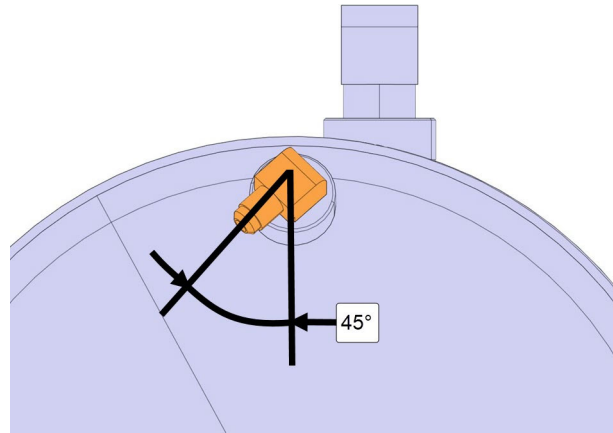
The elbow fitting receiving the transmission hose (if applicable) must be positioned at a  $10^\circ$  angle to the vertical in the **anticlockwise direction**.



46. Apply Loctite 567 thread sealant 680098 on the elbow fitting threads that will be connected to the left-hand side surge tank port.
47. Reinstall the fitting in the surge tank.

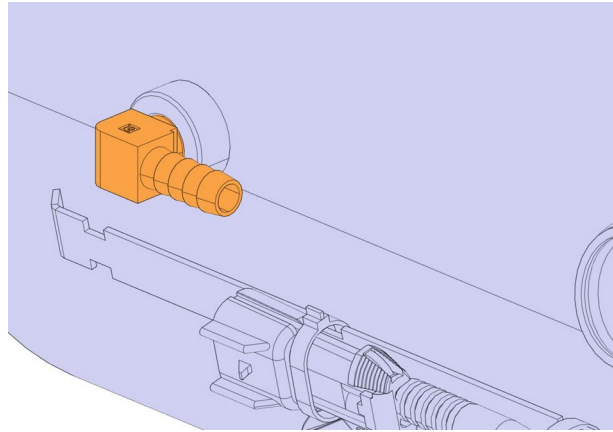
**NOTES**

The fitting must be positioned at a  $45^\circ$  angle to the vertical in the clockwise direction.

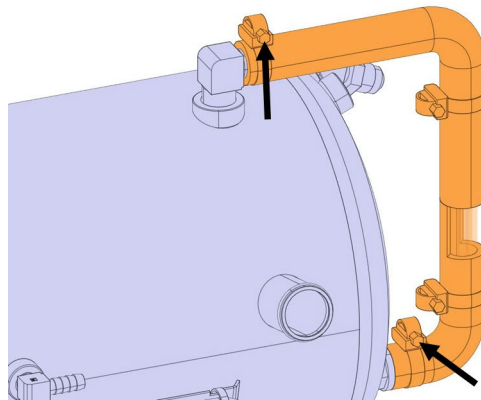


48. Apply Loctite 567 thread sealant 680098 on the fitting threads.

49. Reinstall the fitting in the surge tank.



50. Reinstall the sight glass tube assembly. Tighten the hose clamps to **30 lb-in (2x)**.

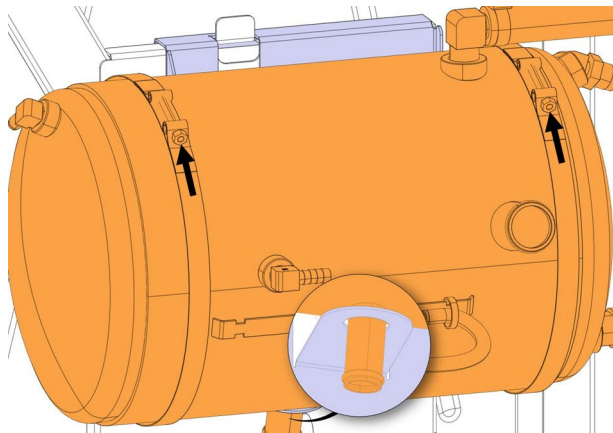


51. Attach the surge tank to its bracket on the vehicle with the T-bolt clamps (2x). Pass the surge tank tube through the bracket.

52. Tighten the clamps.

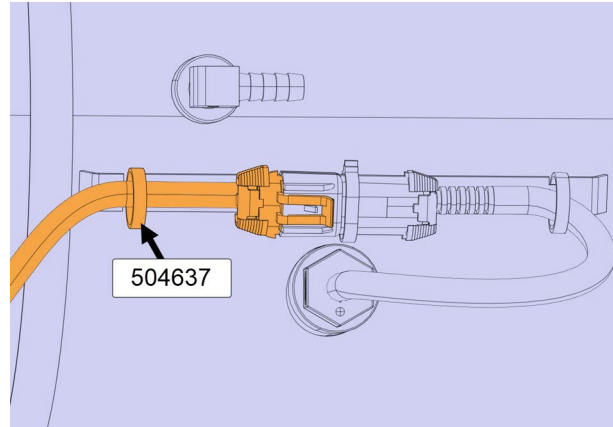
***NOTE***

The clamps must be positioned as shown in the figure.



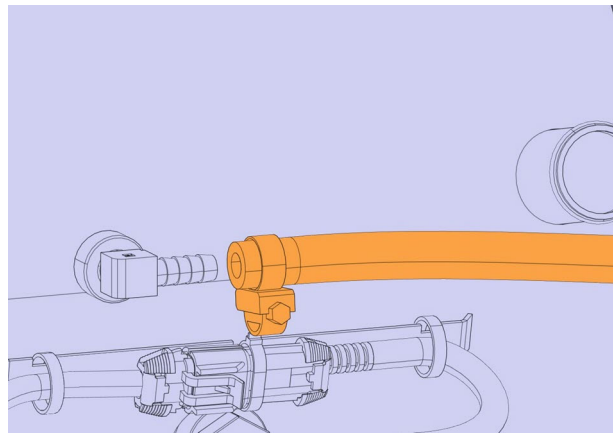
53. Plug the coolant level sensor connector.

54. Secure the harness to the surge tank using cable tie 504637.



55. Reconnect the overflow hose to the surge tank.

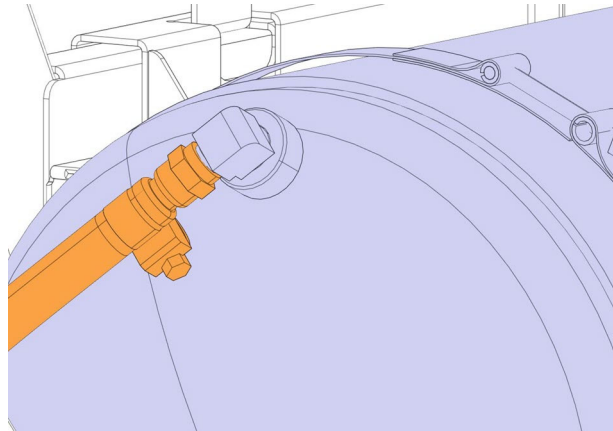
56. Tighten the hose clamp to **30 lb-in.**



57. Reconnect and tighten the radiator hose.

**NOTE**

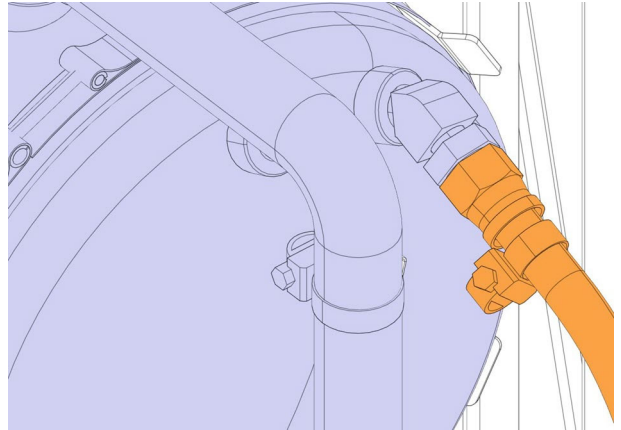
The hose clamp must be pointing downwards as shown in the figure.



58. Reconnect and tighten the engine hose to the surge tank.

**NOTE**

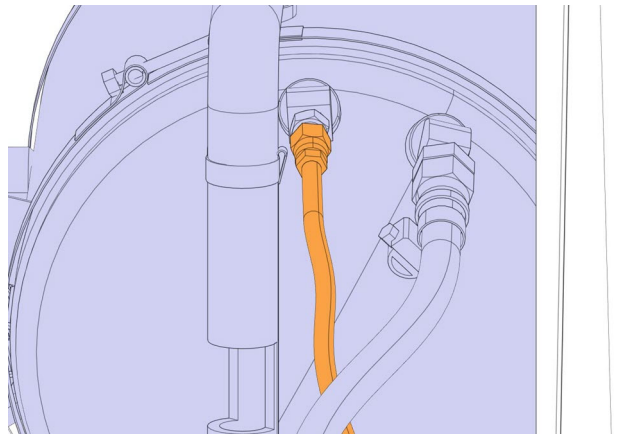
The hose clamp must be pointing as shown in the figure.



59. Reconnect and tighten the transmission hose to the surge tank, if applicable.

**NOTE**

This step is applicable only for vehicles equipped with the world transmission output retarder.

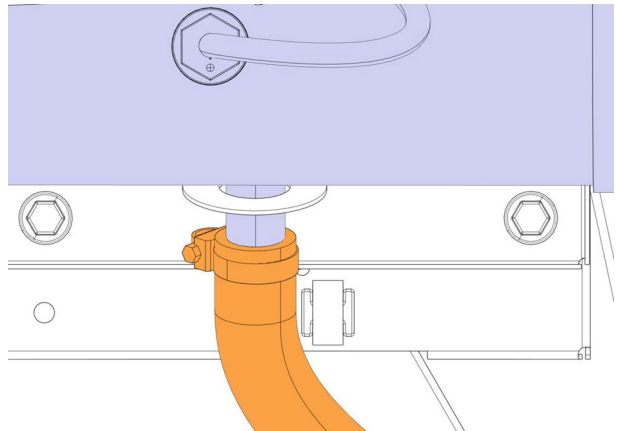


60. Reconnect the hose, which is connected to the pump inlet pipe, to the surge tank.

61. Tighten the hose clamp to **30 lb-in.**

**NOTE**

The hose clamp must be pointing as shown in the figure.



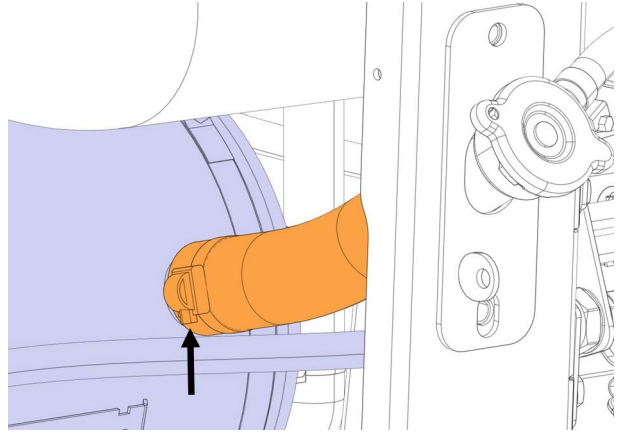


62. Reconnect the filling hose to the surge tank.

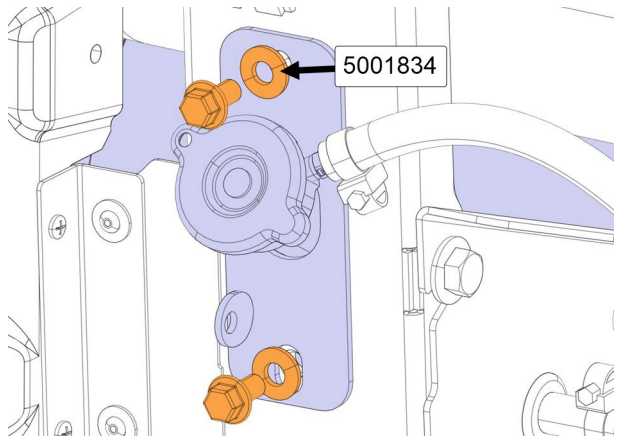
63. Tighten the hose clamp to **30 lb-in.**

**NOTE**

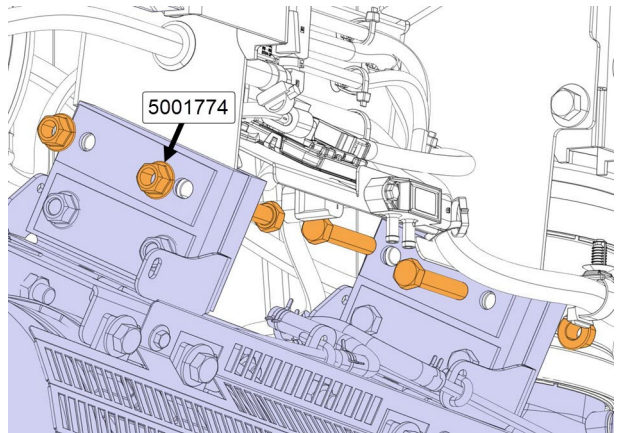
The hose clamp must be pointing downwards as shown in the figure.



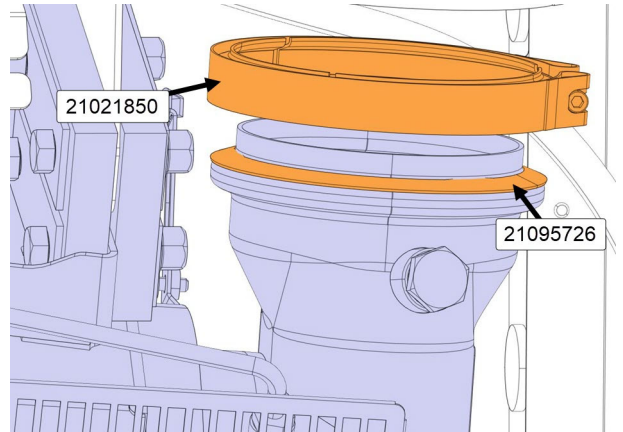
64. Install new washers 5001834 (2x) and tighten the screws (2x) to **28 lb-ft** to secure the filler neck plate.



65. Reinstall the DPF assembly and fasten it with the new nuts 5001774 (4x) and the screws (4x).

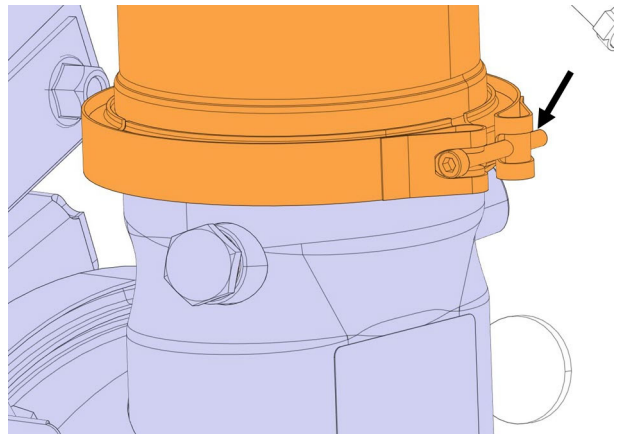


66. Install a new gasket 21095726 and a new V-band clamp 21021850 on the DPF outlet.

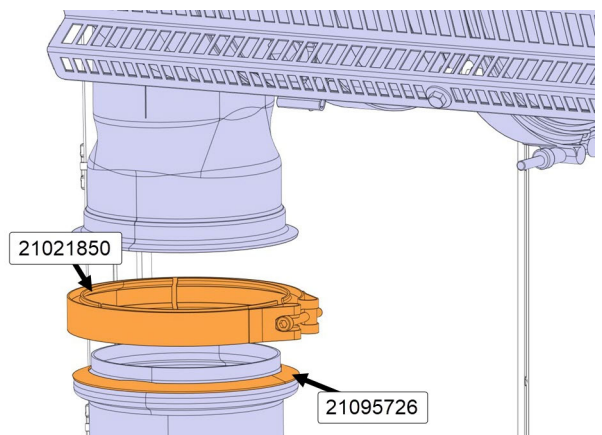


67. Reconnect the SCR exhaust pipe to the DPF outlet.

68. Tighten the V-band clamp to **100 lb-in.**

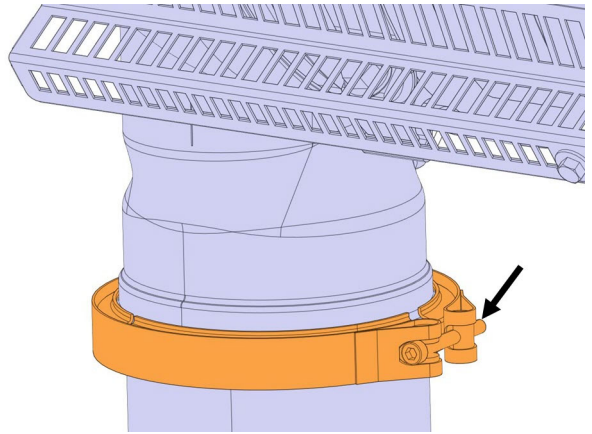


69. Install a new gasket 21095726 and a new V-band clamp 21021850 on the DPF exhaust pipe.



70. Reconnect the exhaust pipe to the DPF inlet.

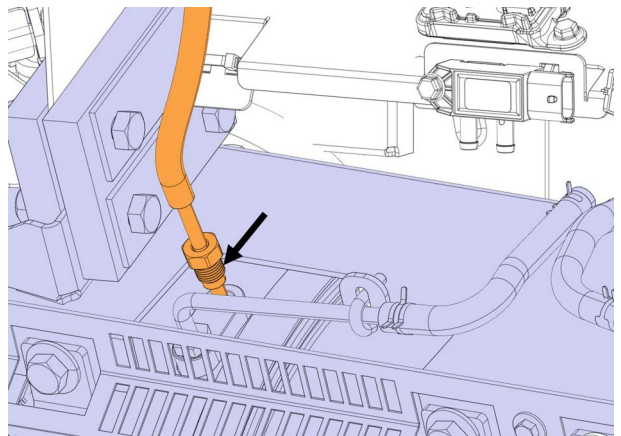
71. Tighten the V-band clamp to **100 lb-in.**



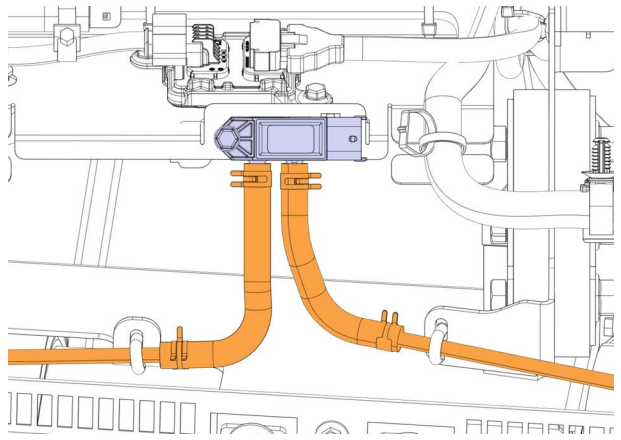
72. Apply anti-seize lubricant 680335 to the T2 sensor threads.

73. Reconnect the temperature sensor T2 to the DPF assembly. Tighten to **33 lb-ft.**

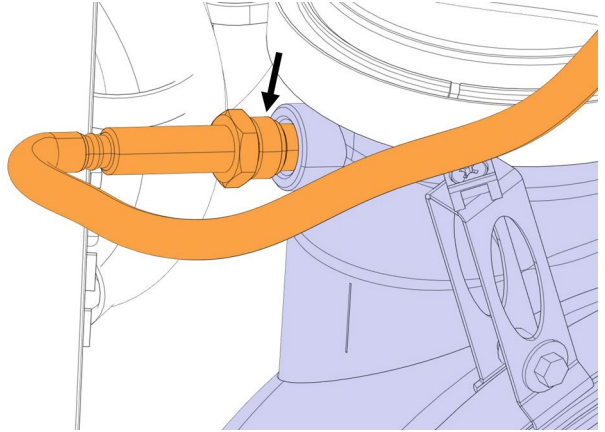
74. Apply torque seal 685353.



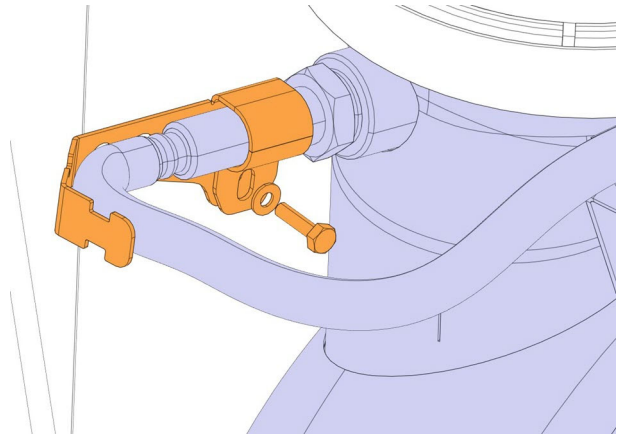
75. Reconnect the low-pressure and high-pressure sensor hoses to the differential pressure sensor.



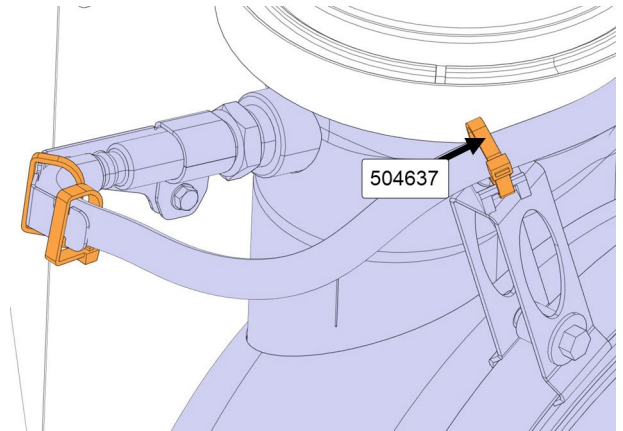
76. Apply anti-seize lubricant 680335 to the NOx sensor threads.
77. Reconnect the NOx sensor to the DPF assembly. Tighten to **37 lb-ft**.
78. Apply torque seal 685353.



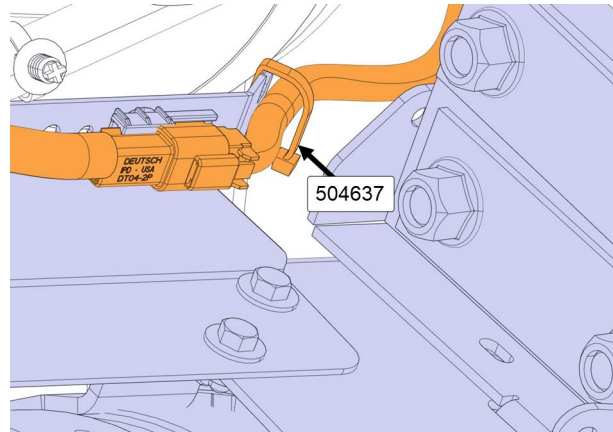
79. Reinstall the wiring guide, the washer and fasten with the screw.



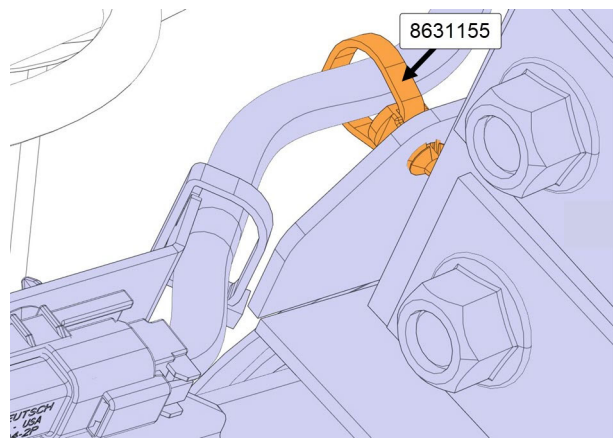
80. Attach the NOx sensor with new cable ties 504637 (3x).



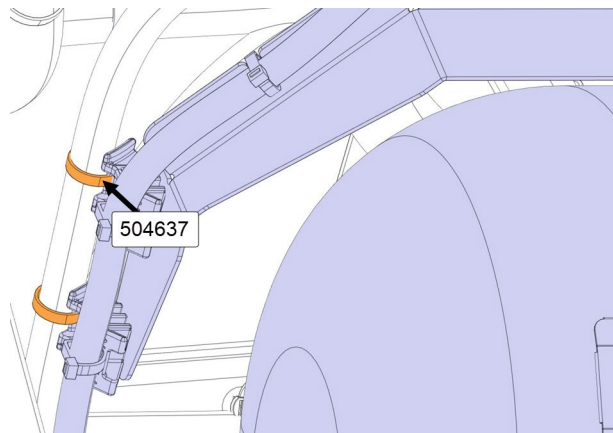
81. Plug the temperature sensor T1 and secure the DPF harness with a cable tie 504637.



82. Insert a tree mount cable tie 8631155 in the DPF support and attach the DPF harness.

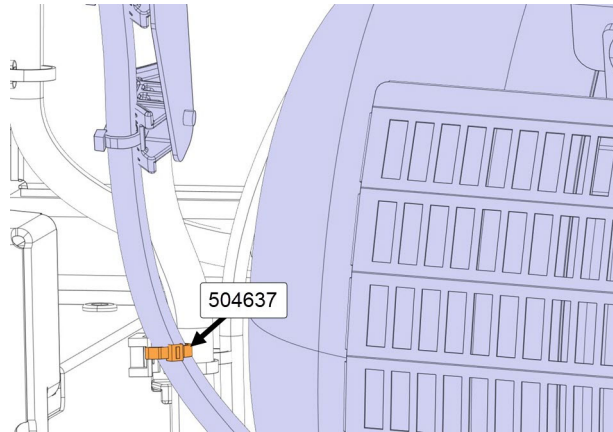


83. Attach the catch tank hose to the tie mounts on the DPF support with new cable ties 504637 (2x).

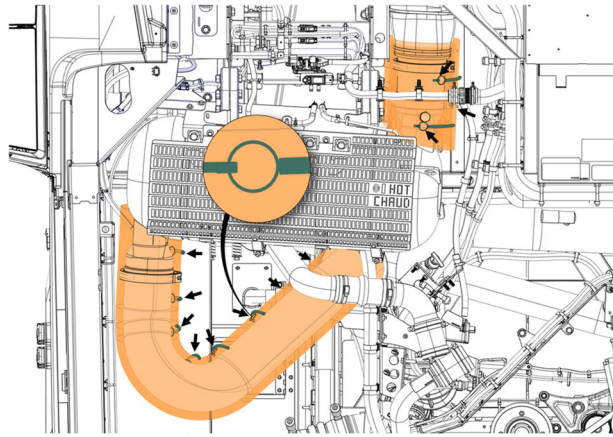




84. Secure the temperature sensor T1 to the structure with a cable tie 504637.

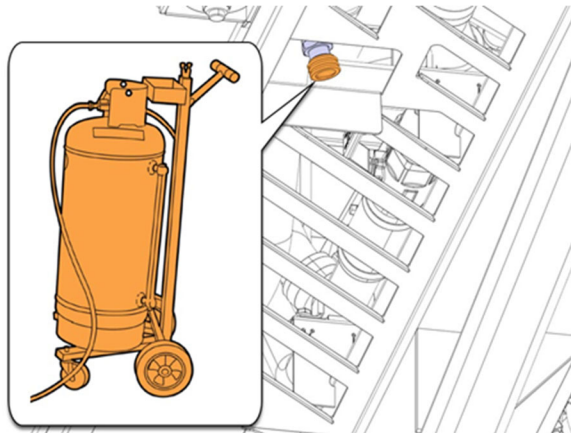


85. Put insulating blankets back and attach with the springs.



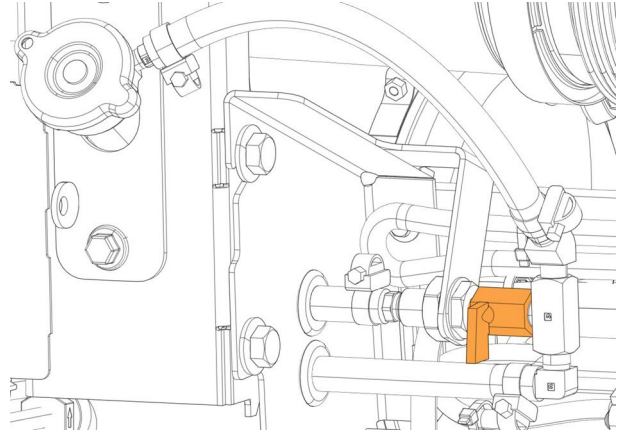
86. Refill the cooling system with the previously drained coolant.

87. Disconnect the coolant extractor and reinstall the protection cap on the radiator drain cock.



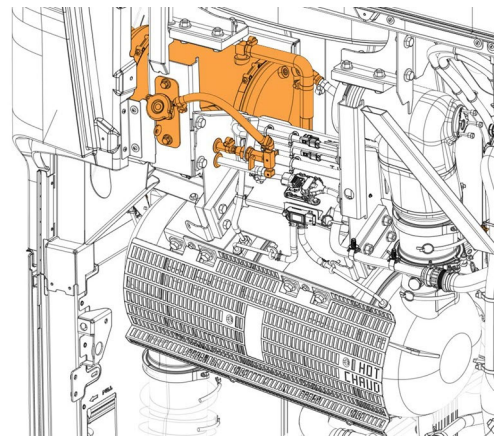


88. Close the pressure relief valve.



89. Start the engine and run at fast idle.

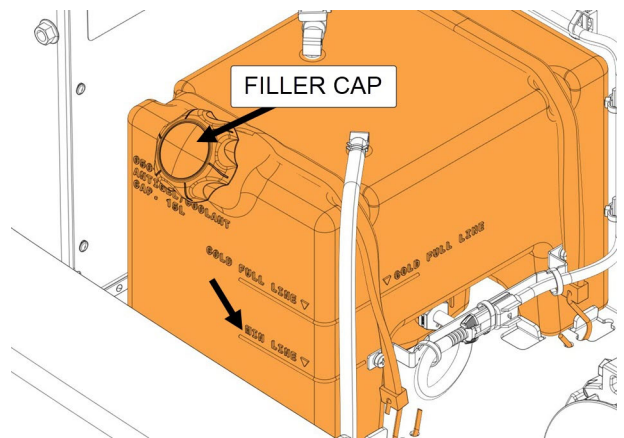
90. Check for leaks.



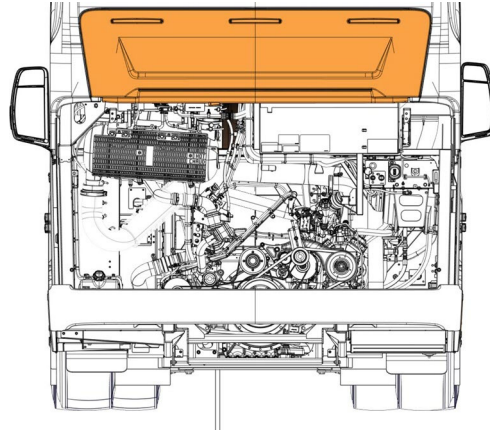
91. Stop the engine and allow cooling.

92. Check the coolant level through the recovery tank. Coolant level should be above the MIN LINE.

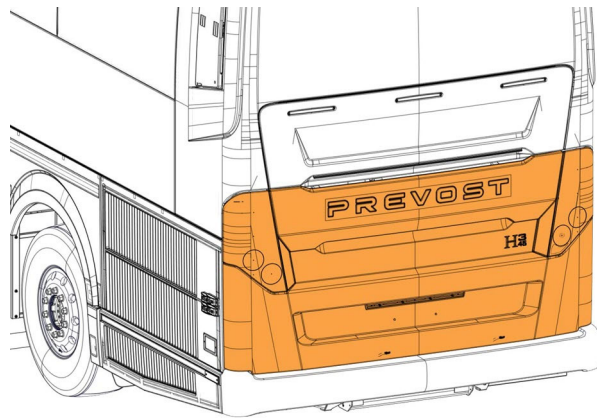
93. Use the recovery tank filler cap to add coolant if required.



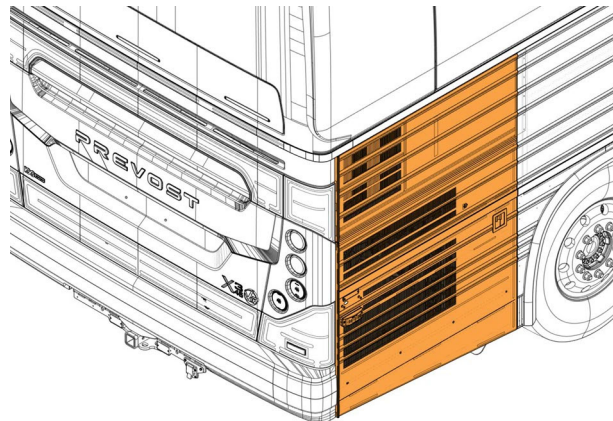
94. Lower the DPF access hatch.



95. Close the engine compartment rear door.



96. Close the compressor door.



## PARTS / WASTE DISPOSAL

Replaced surge tanks must be returned to Prevost according to the Return Shipping Instructions available on <https://www.prevostcar.com/content/warranty-documents> for full reimbursement. A copy of the warranty claim form must be enclosed with the shipment.

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

## WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you the parts and labor as follows upon receipt of a warranty claim:

½ hour (0.5) of labor for surge tank inspection only, for X3 models.

¾ hour (0.75) of labor for surge tank inspection only, for H3 models.

2 hours (2.0) of labor for surge tank inspection and replacement for X3 models.

2 ¾ hours (2.75) of labor for surge tank inspection and replacement for H3 models.

Please submit claim via our Online Warranty System, available at [www.prevostcar.com](http://www.prevostcar.com) (under Service \ Warranty section).

- Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB24-29".

## OTHER

VBC Bulletin	N/A
Fail Code	05.07
Defect Code	09
Syst. Cond	B
Causal Part	050239 050519

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