

Oil galley plug, replace

V-220-001

(March 2023)

Valid for

All Volvo VAH, VN, VHD Trucks built with an 11 L and between July 2022 and March 2023

Case description

Certain Volvo VAH, VN, VHD model trucks built with an 11L engine could experience an oil leak on the left side of the engine behind the Crankcase Breather (CCV). Volvo Trucks has developed an updated oil galley plug that is designed with tighter tolerances to improve sealing. To rectify a leaky oil galley plug, follow the instructions below to remove the CCV, remove the oil galley plug and replace with new updated plug.

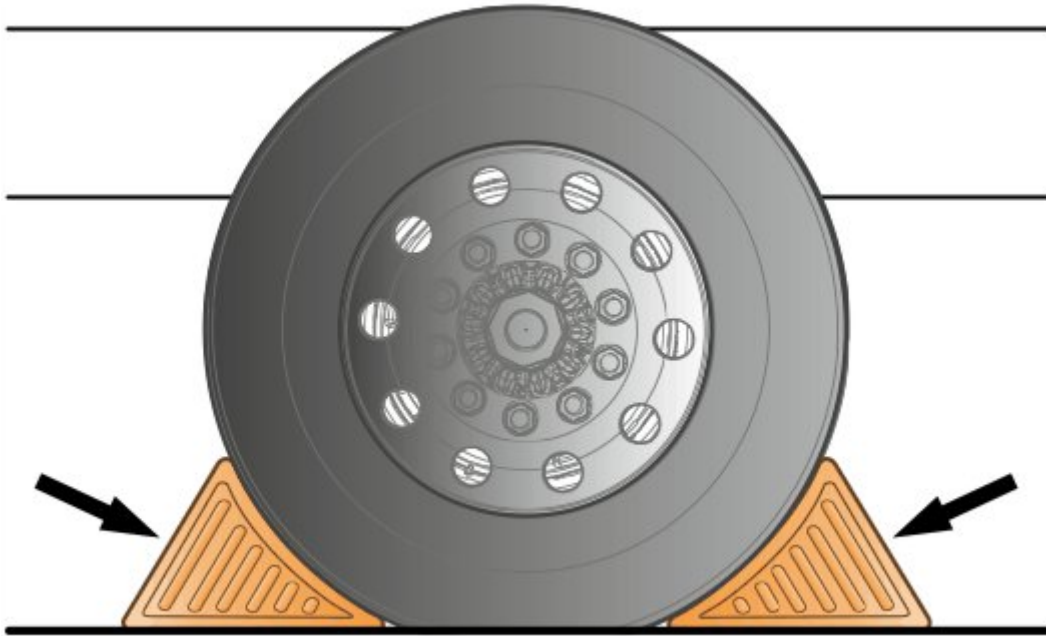
Parts

Part Number	Description	Quantity
996191	Plug	1
20866262	Gasket	1
21541399	O-ring	1

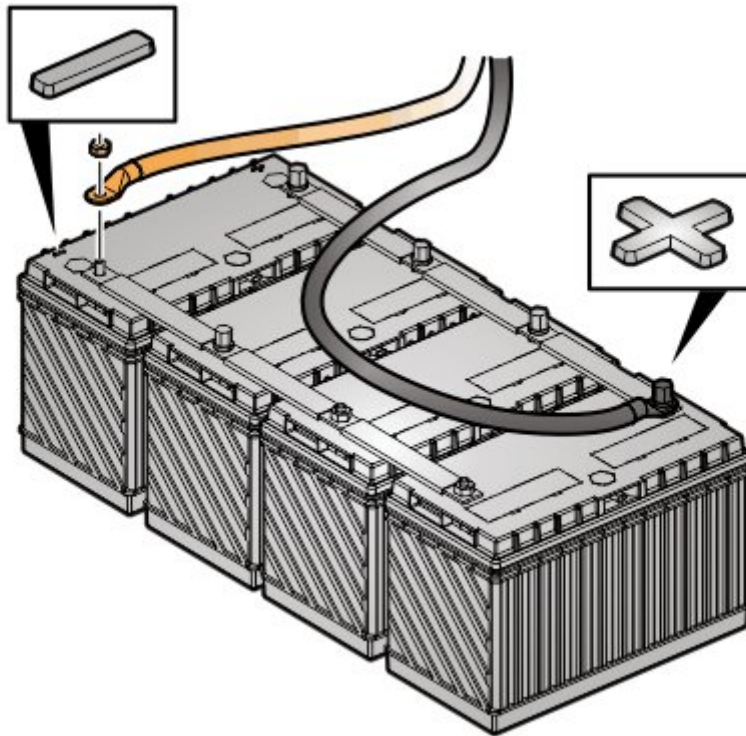


Repair Procedure

1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Place the gear lever in neutral.
4. Install the wheel chocks.

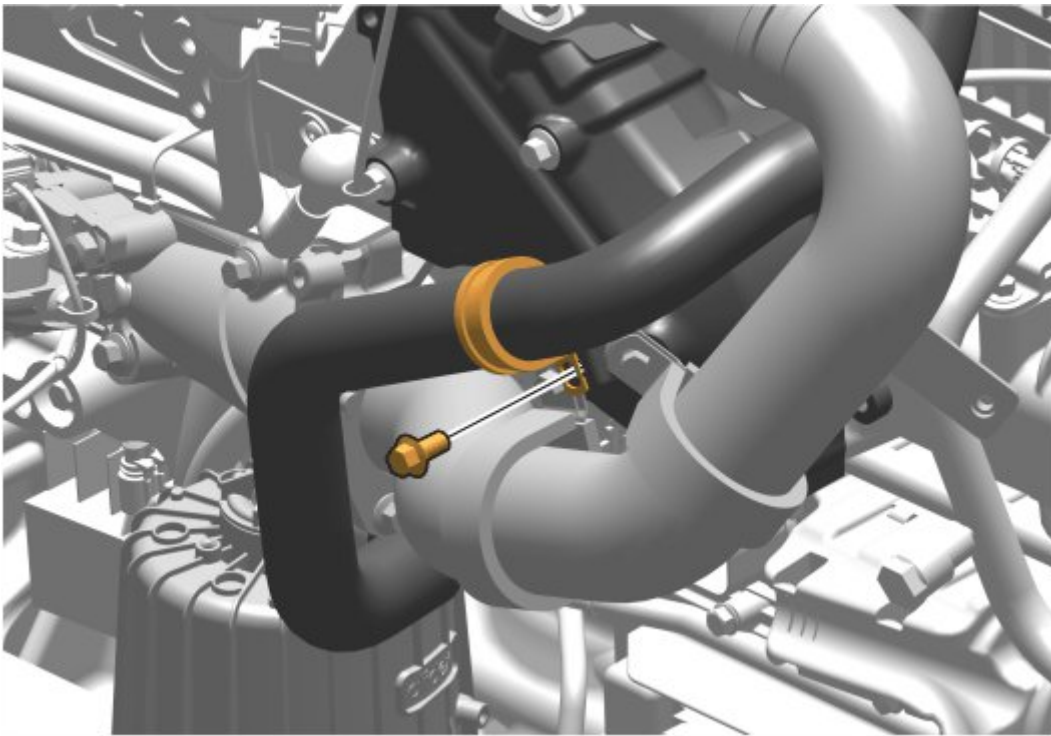


5. Disconnect the cable from the negative battery terminal.



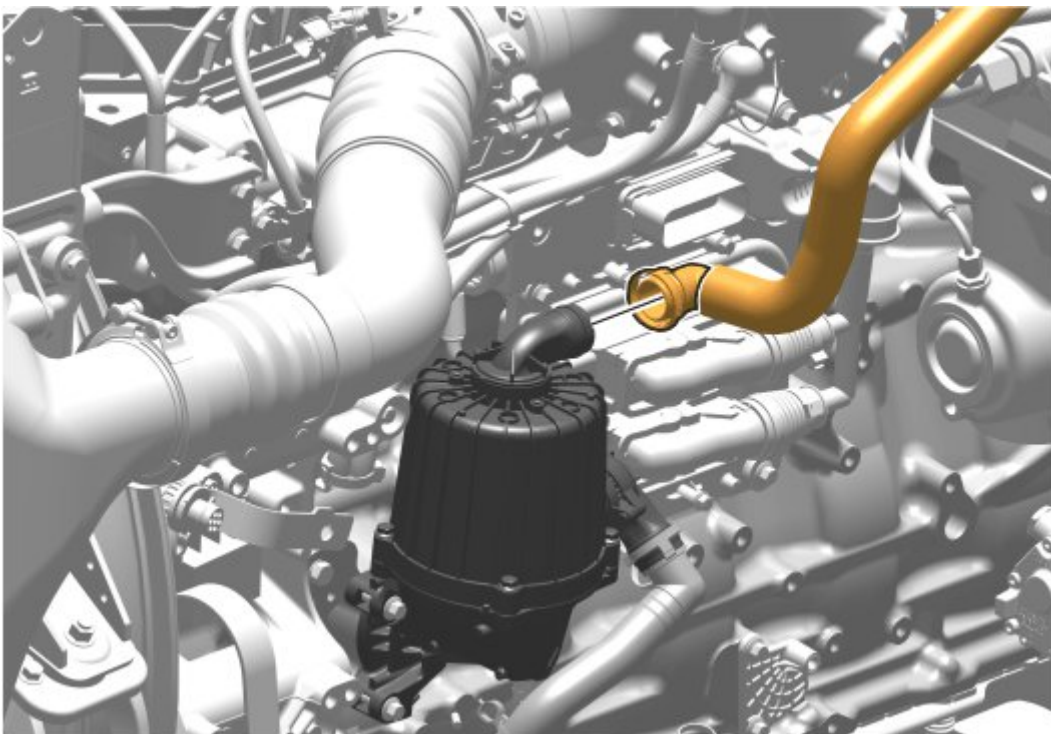
6. Unlatch and raise the hood.

7. Remove the screw and the clamp.



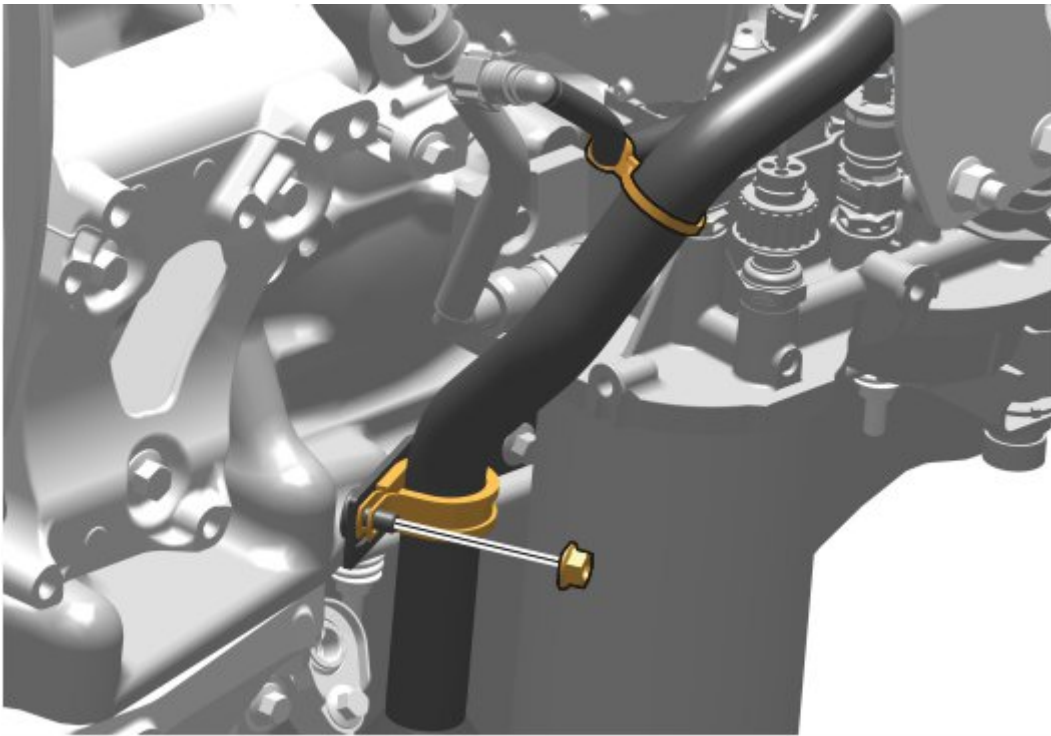
8. Disconnect the connector.

9. Move aside the hose.

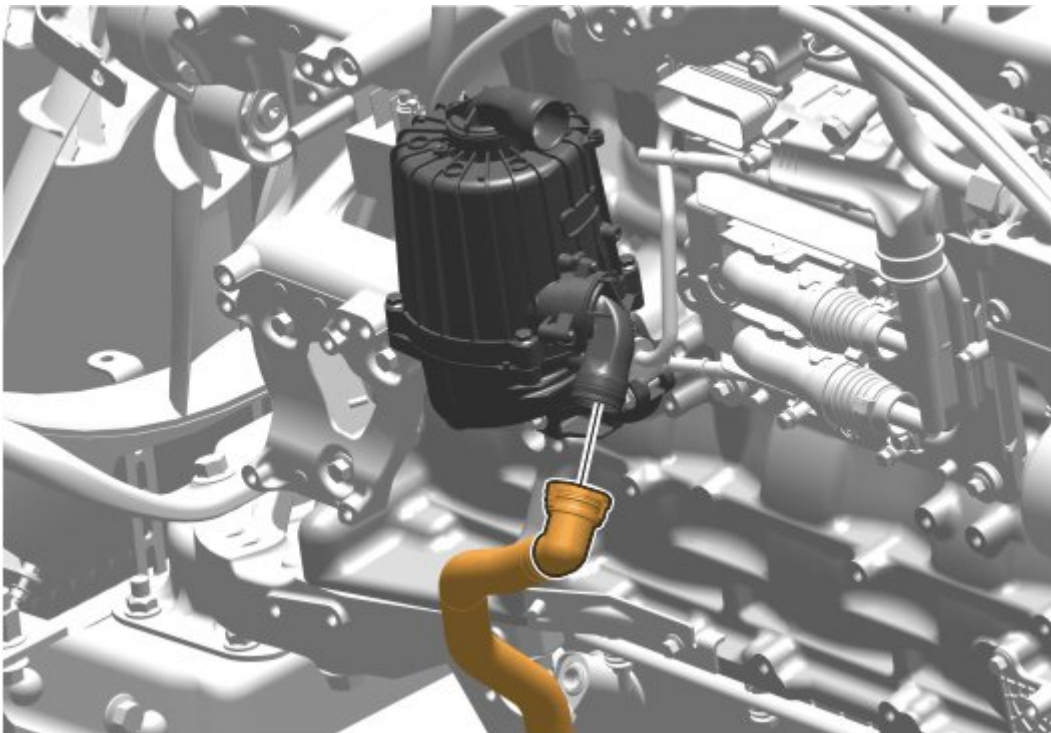


10. Remove the cable tie.

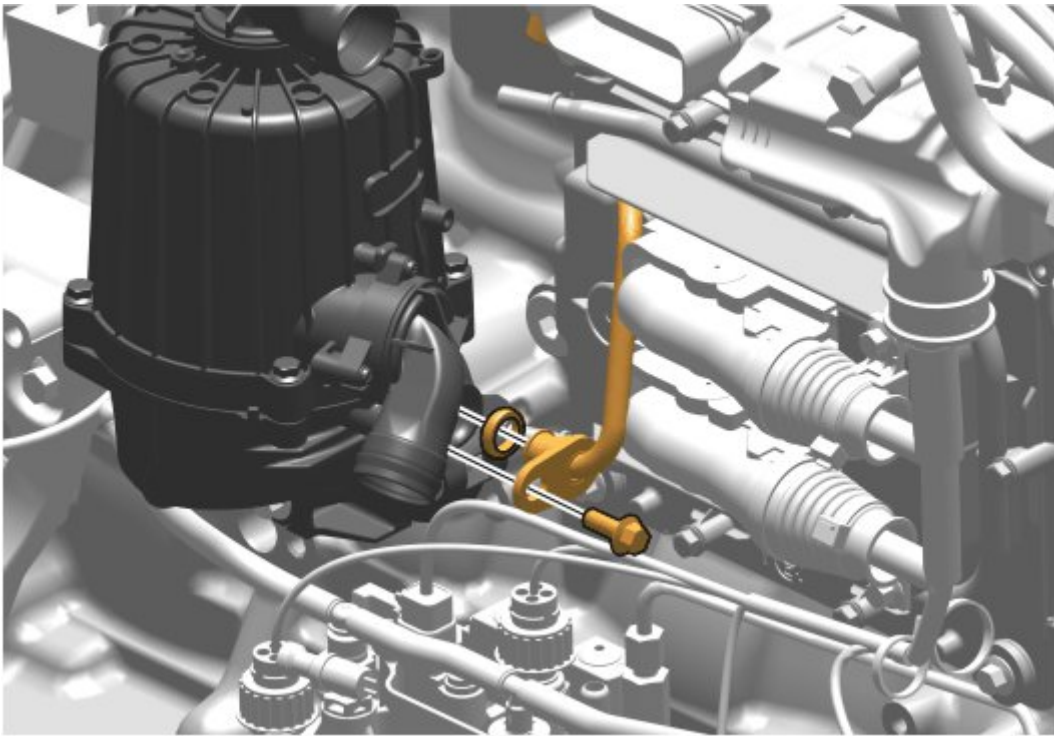
11. Remove the nut and the clamp.



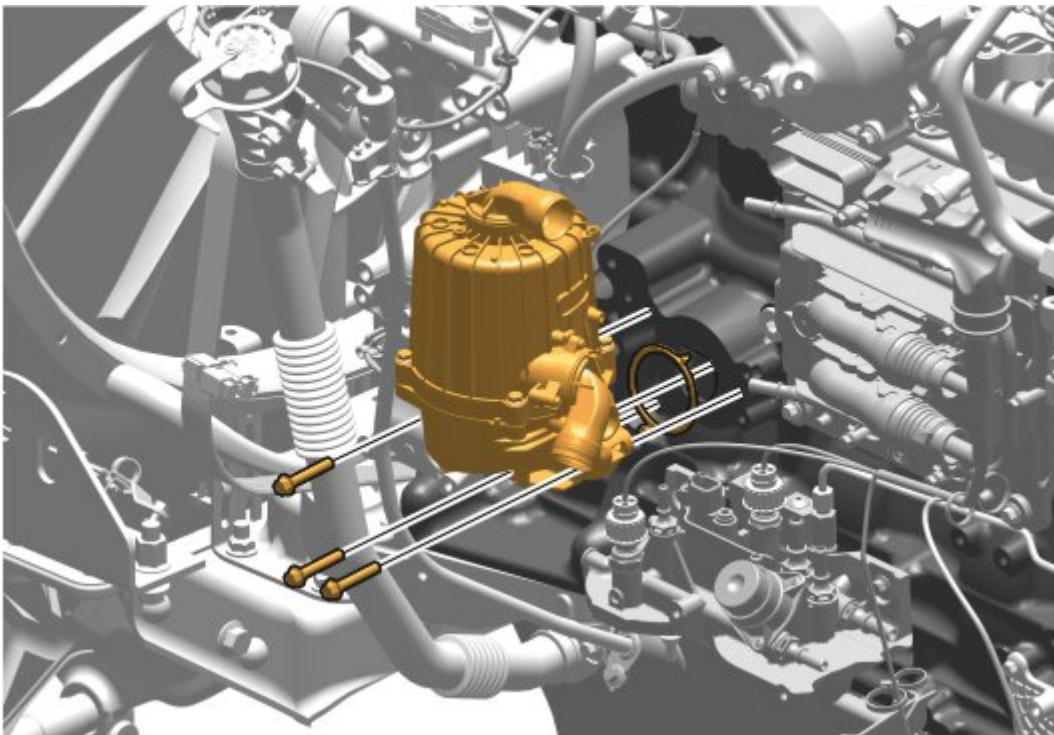
12. Disconnect the connector.
13. Move aside the hose.



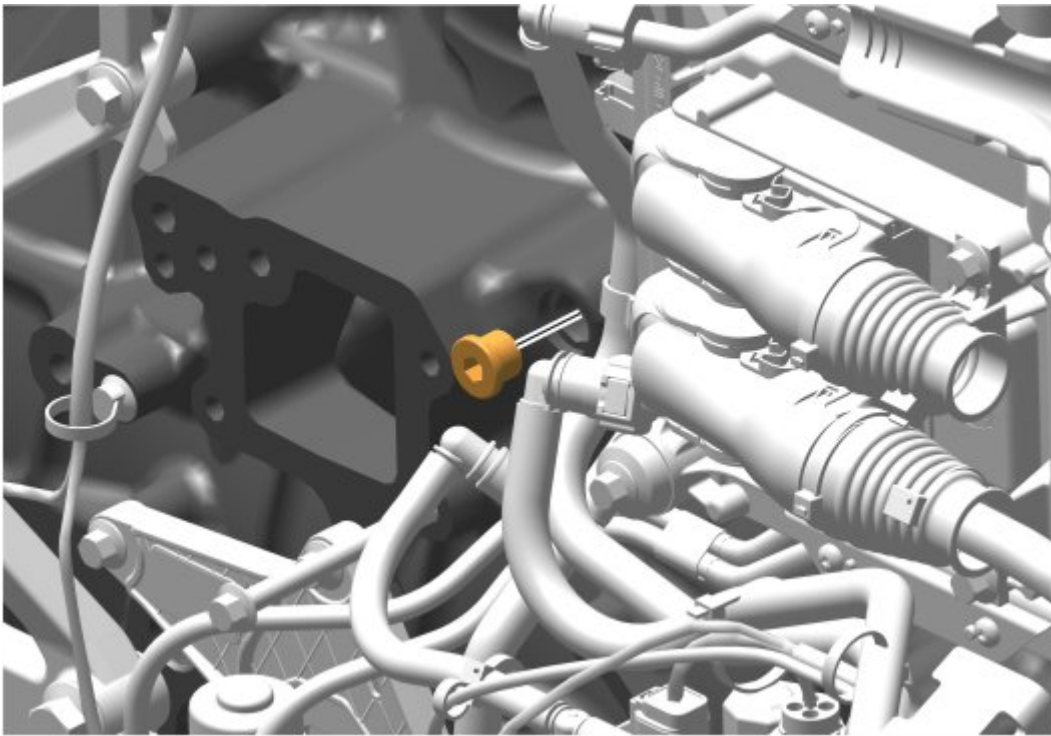
14. Remove the screw.
15. Remove the pipe.
16. Remove the sealing ring.



- 17. Remove the screws.
- 18. Remove the separator.
- 19. Remove the seal.

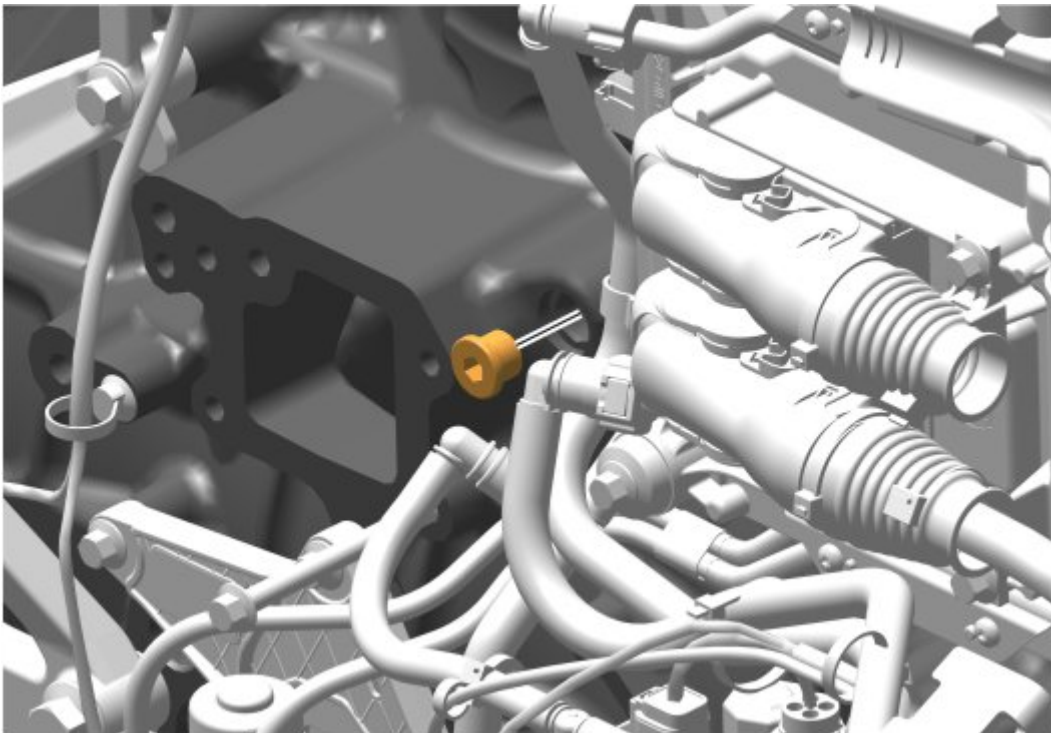


- 20. Remove the oil galley plug using a 10mm allen socket.



21. Clean the block where the new plug seals.
22. Install the new oil galley plug. Part# 996191

Tightening torque	
Oil galley plug	30 Nm (22 lbf-ft)

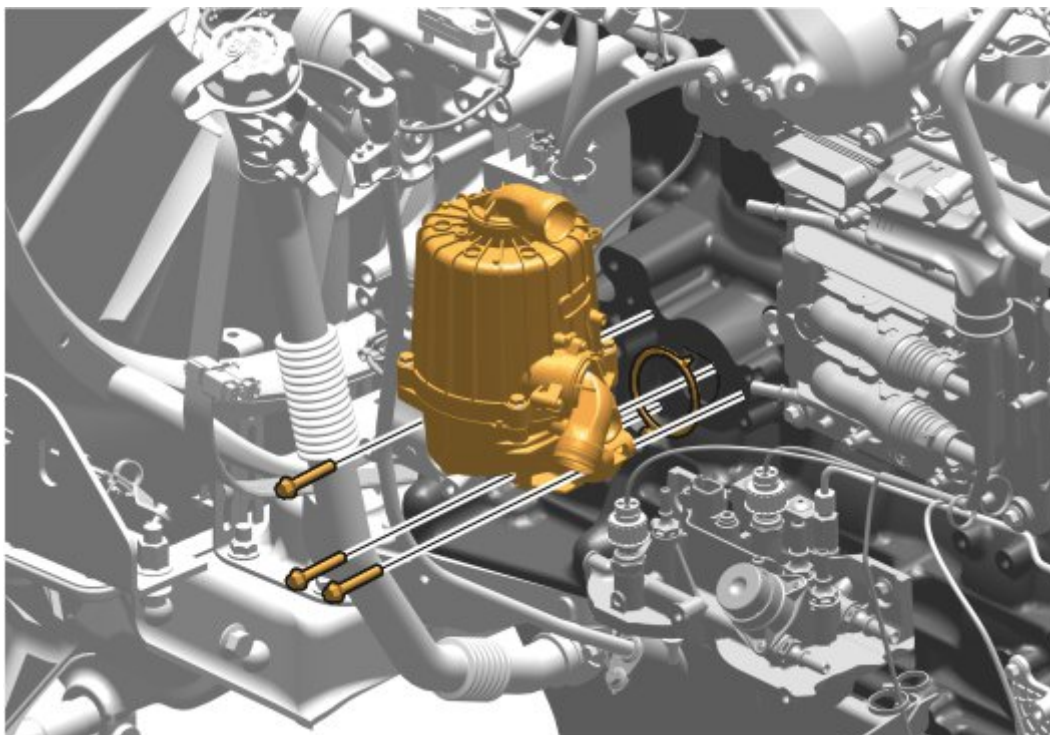


23. Install the seal.
Note: Use new part.
24. Install the separator.
25. Install the screws.

Tightening torque

Separator, screw

24±4 Nm (18±3 lbf-ft)

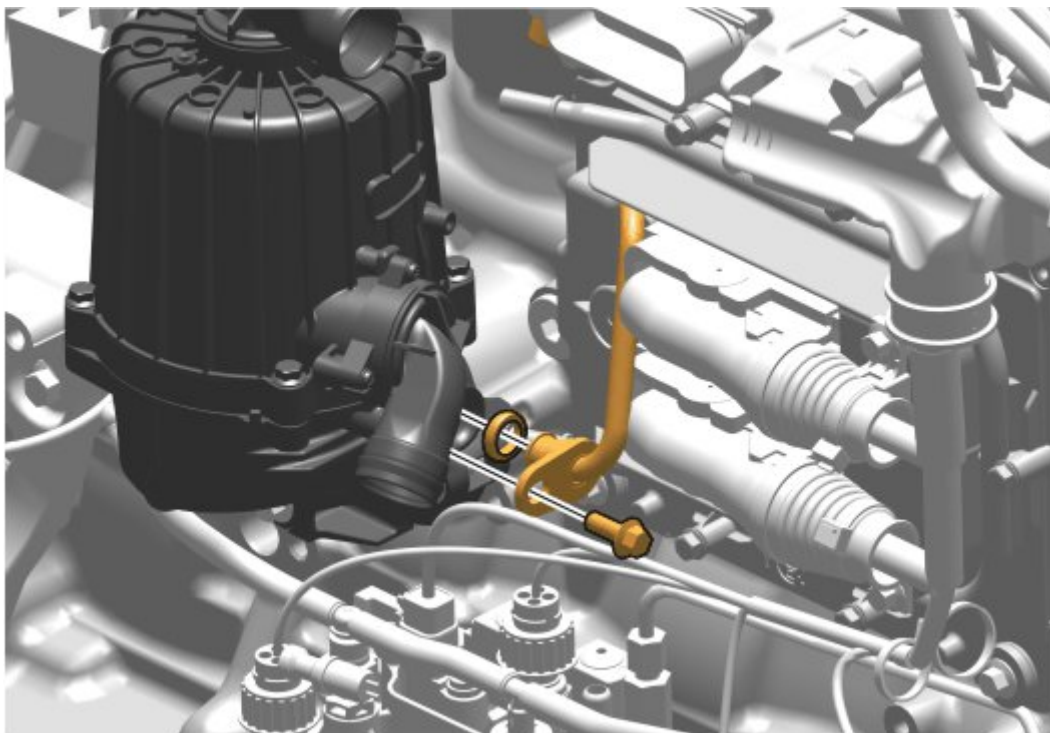


26. Install the seal.

Note: Use new part.

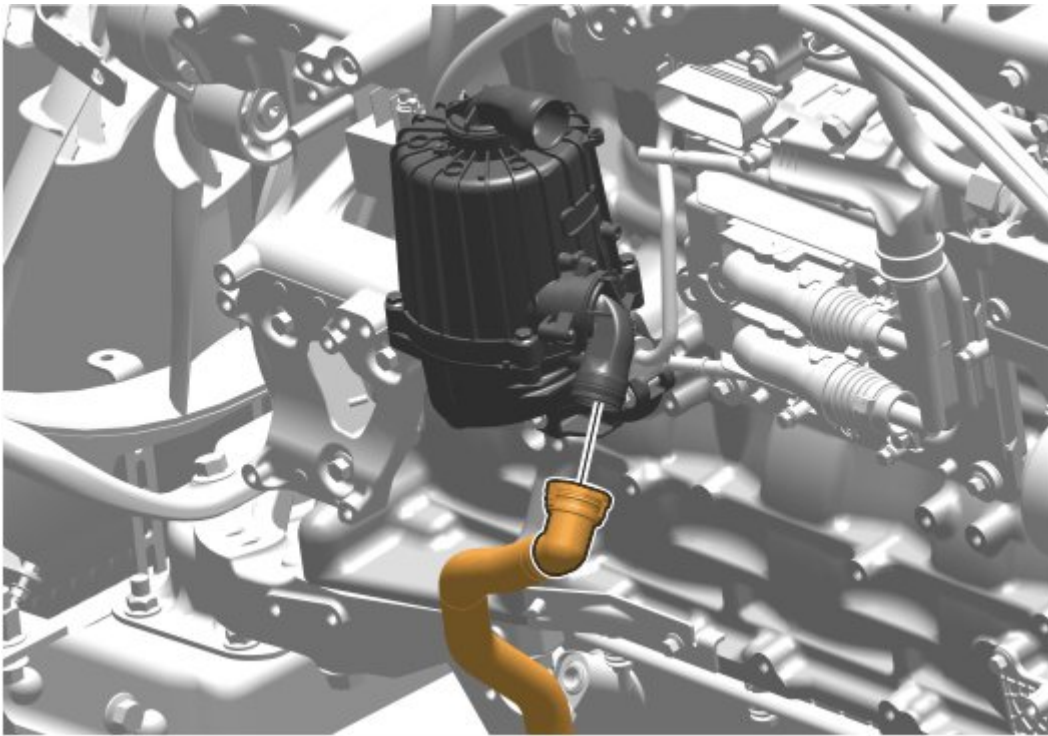
27. Install the pipe.

28. Install the screw.

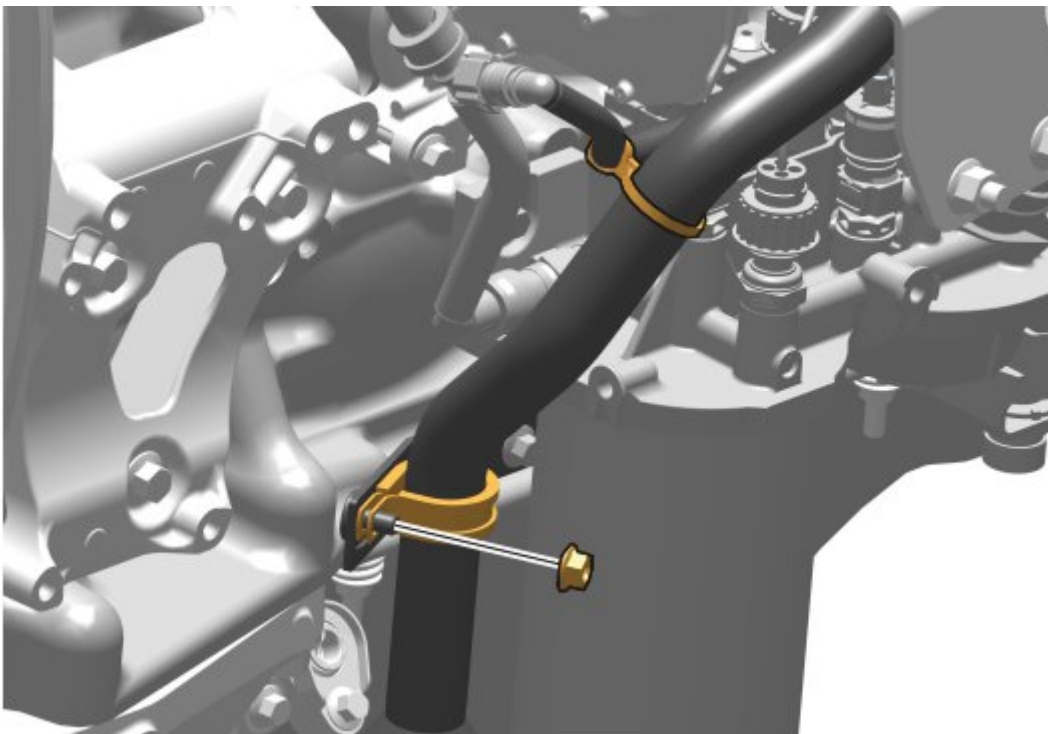


29. Position the hose.

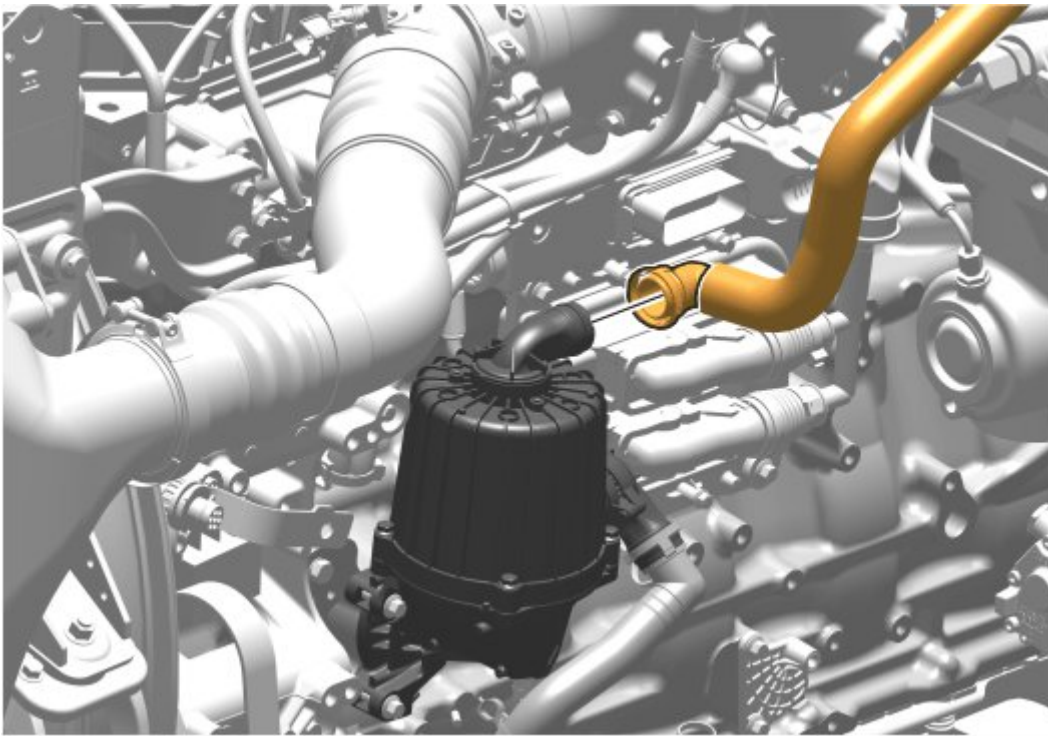
30. Connect the connector.



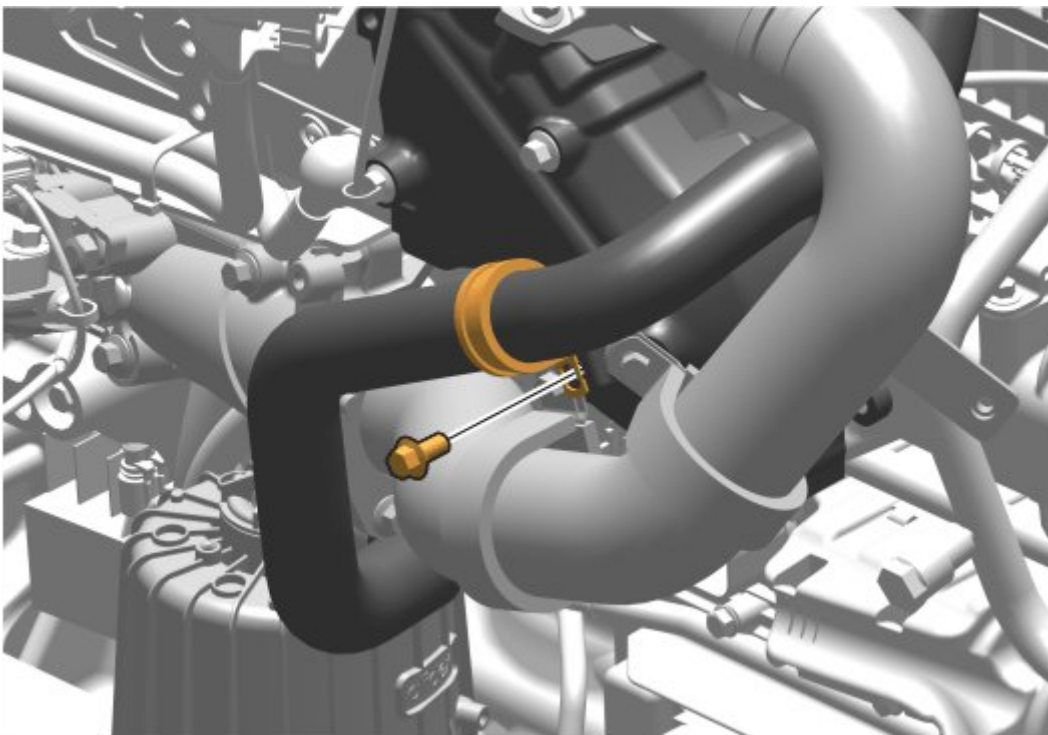
31. Install the clamp and the nut.
32. Install new cable tie.



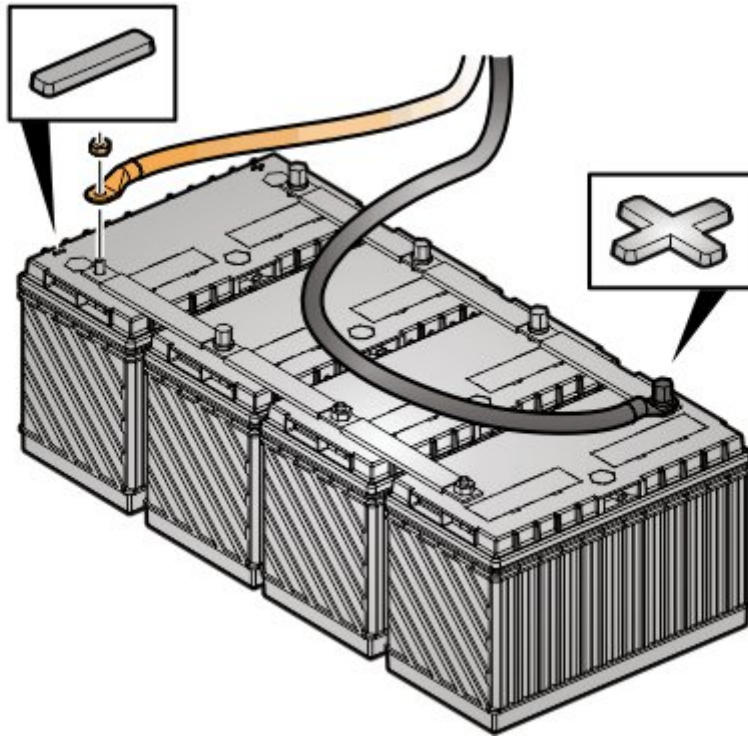
33. Position the hose.
34. Connect the connector.



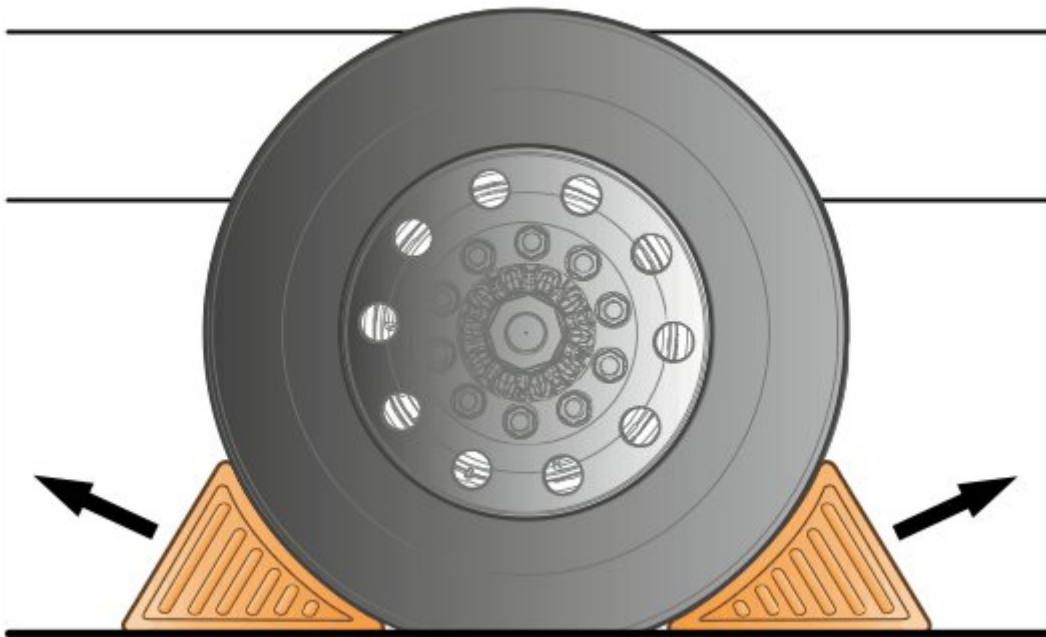
35. Install the clamp and screw.



36. Connect the cable to the negative terminal.



37. Start the engine.
38. Check the repair for leaks.
39. Turn engine off.
40. Lower the hood.
41. Remove the wheel chocks.



42. Release vehicle to service.

Warranty Information

This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.

UCHP Reimbursement

Claim Type (used only when uploading from the Dealer Bus. Sys.)	W
Labor Code	
Oil Gallery Plug, Replace	2200-03-02-04 – 0.1 Hrs
Causal Part	60115165

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Technical Service