



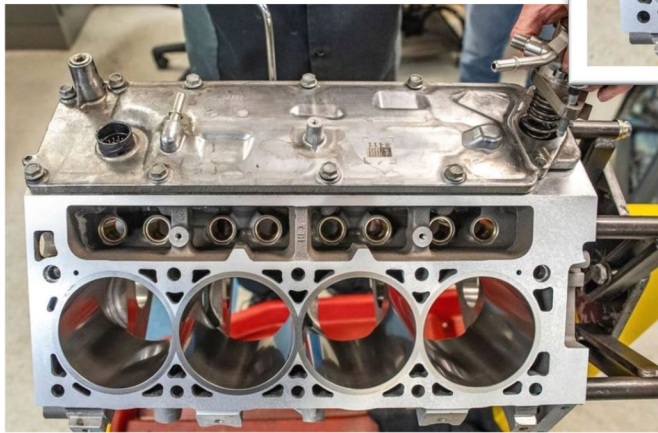
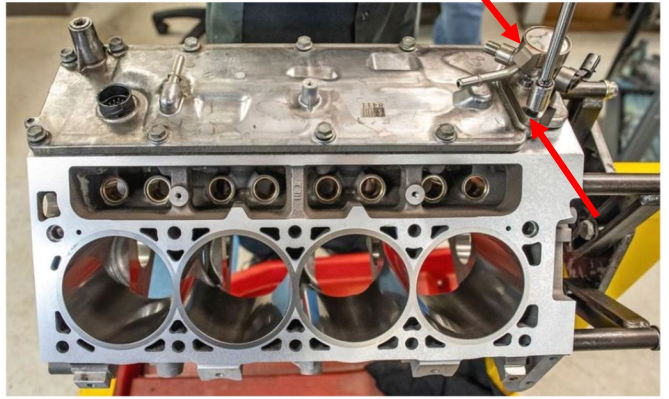
LINGENFELTER C8 CORVETTE DISPLACEMENT ON DEMAND (DOD) DELETE KIT

INSTALLATION MANUAL

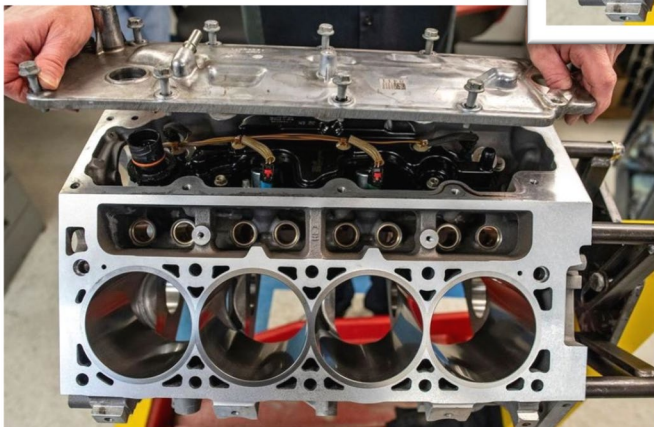
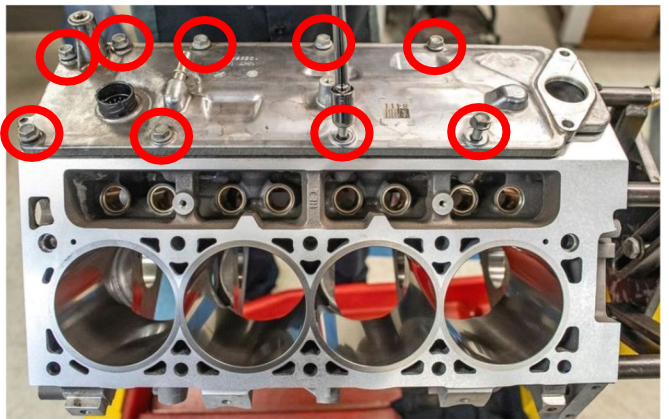


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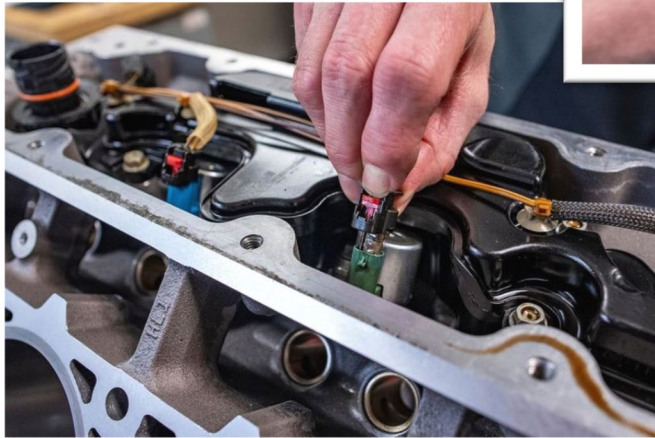
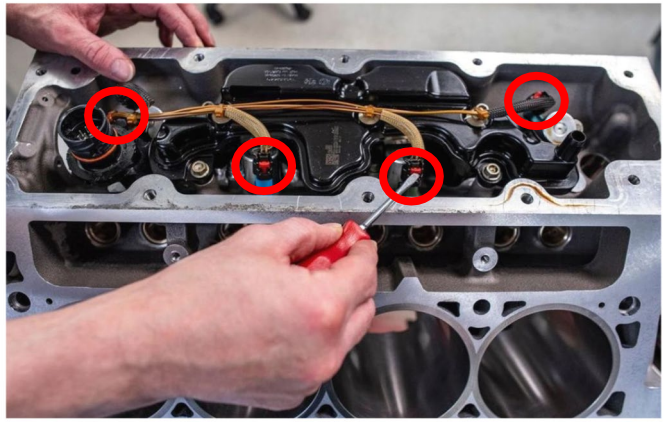
1. Use 13 mm socket to remove two bolts holding high pressure fuel pump on and remove fuel pump.



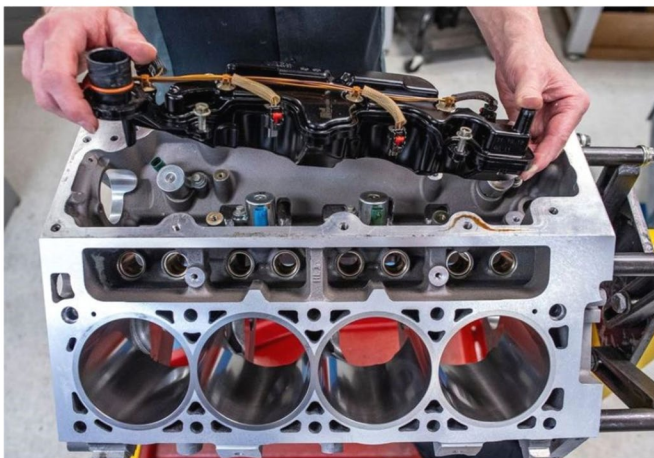
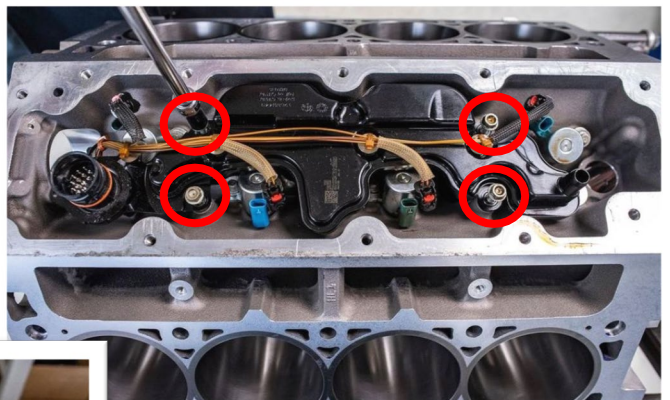
2. Use a 13 mm socket to remove 9 remaining bolts holding the valley cover onto the engine block. Remove valley cover.



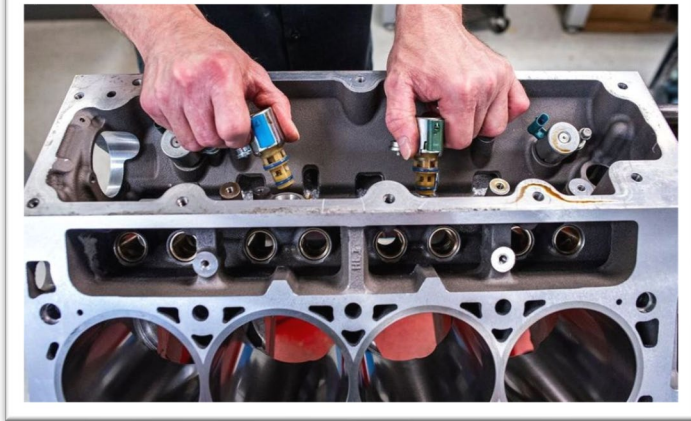
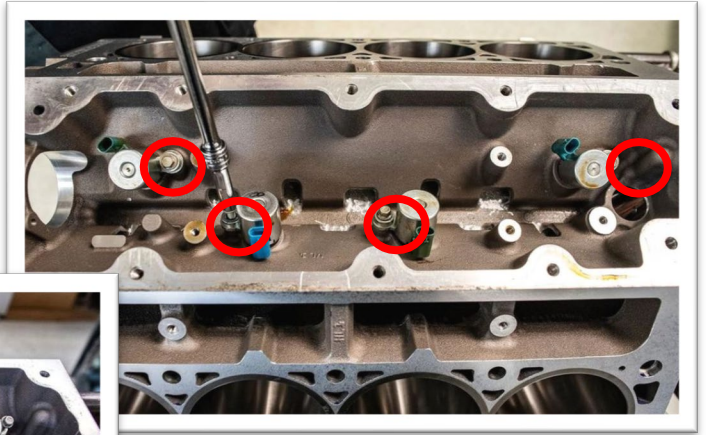
3. Unplug 4 harness connections to each OEM DOD valve.



4. Use a 10 mm socket to remove 4 bolts holding the black plastic harness body to the engine block. Remove plastic housing from the block.



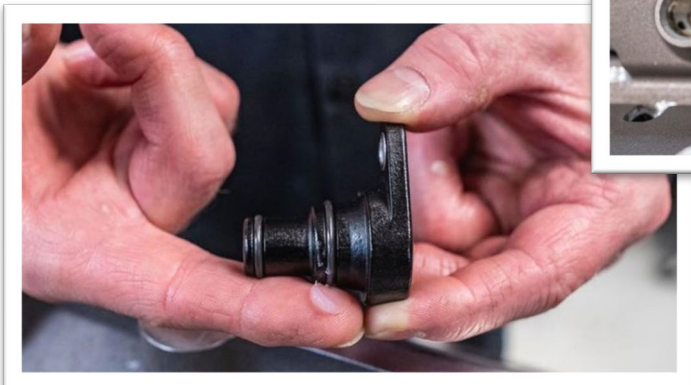
5. Use an 8 mm socket to remove 4 bolts holding DOD actuators to the block. Remove all 4 actuators from the block.



6. Remove stock bolts from OEM actuators for reuse with the C8 Corvette DOD Delete Kit.



7. Use a lubricant to lube the preinstalled orings on the 4 DOD delete plugs. Press all 4 plugs into actuators sockets in the block.



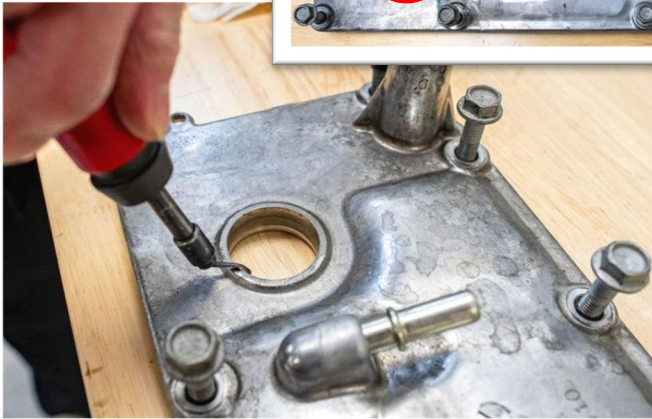
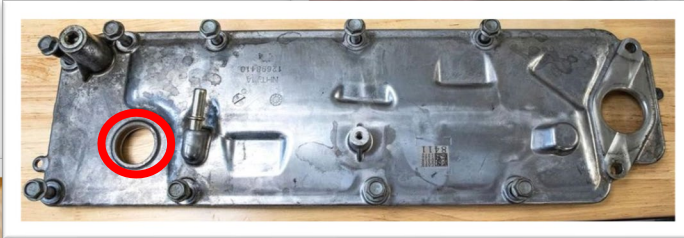
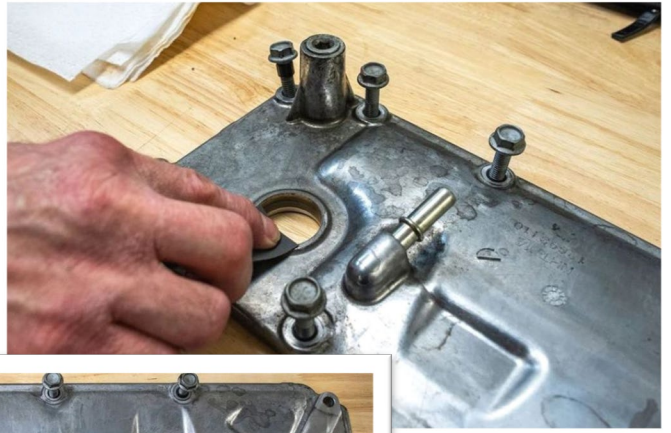
8. Pre-assemble the 4 provided washers onto OEM bolts to hold down DOD delete plugs. Put Blue Loctite onto all 4 fasteners threads.



9. Install all 4 fasteners into the block to secure the plugs. Torque to 89 lb-in.



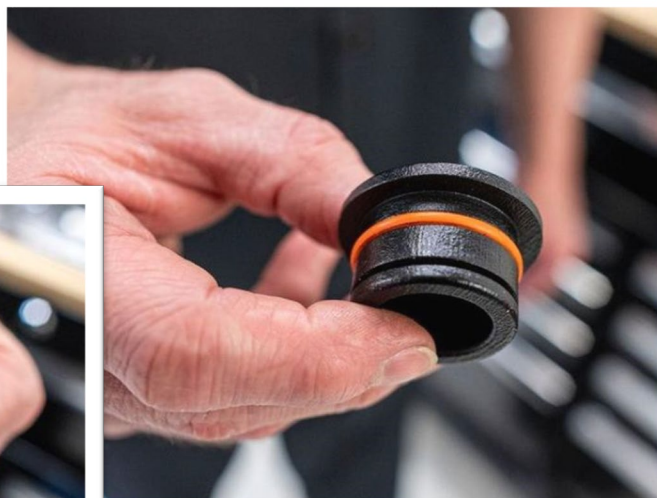
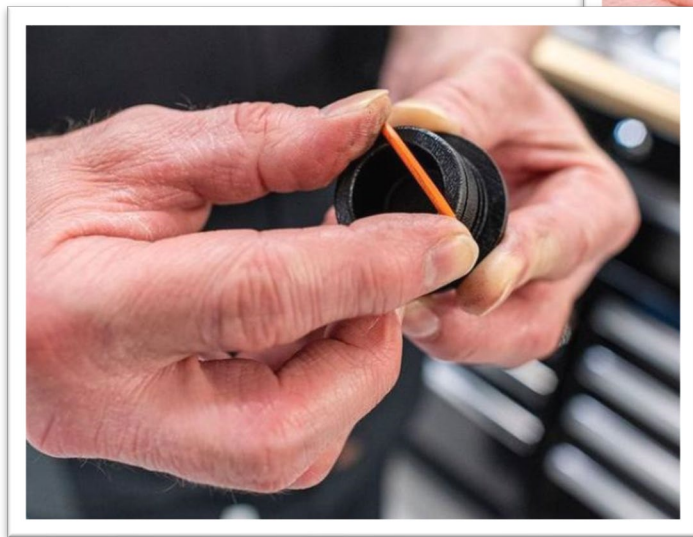
10. Deburr the top of the valley cover where the old harness stuck through with sandpaper (600 grit) or a deburring tool. Make sure there is no sharp edge with your finger as to not cut the seal.



11. Remove the OEM orange oring from the OEM harness connector. Tip: pinch the oring to create a gap to remove it.



12. Install the OEM oring onto the new DOD delete the valley cover plug.



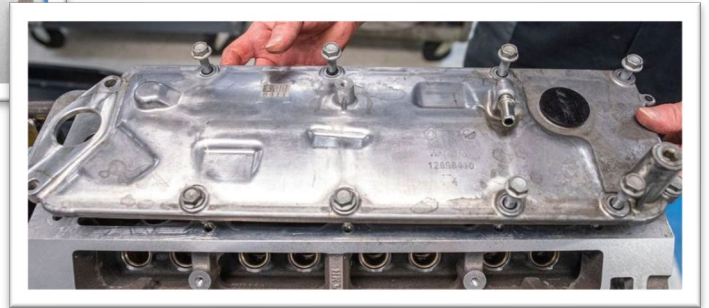
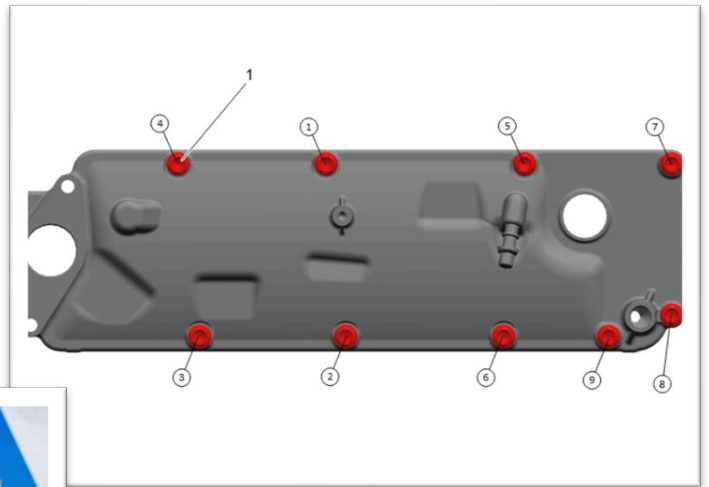
13. Press the new valley cover plug into the valley cover from the top down.



14. Use the provided C clip to secure the valley cover plug to the back side of the valley cover.



15. Reinstall the valley cover to the engine block and torque 9 bolts to 25 Nm (18 lb-ft) using the provided torque sequence.



16. Reinstall the high-pressure fuel pump, hand tighten the bolts one turn at a time until fully seated to draw the pump down evenly, and torque 2 bolts to 25 Nm (18 lb-ft).



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