2019-2024 6.7L Cummins Coolant Tank

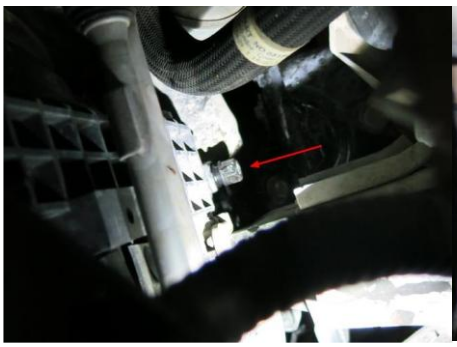
Covers installation of PN: WCF100284



1. Disconnect the batteries.




2. Drain coolant. This is at driver's side of radiator near bottom. You can then reach down to it from top of engine bay. Remove coolant tank cap for fast drain.




3. Remove the air intake including airbox and tube.



4. Remove the passenger fender liner to gain access to battery tray bolts.



5. Remove the battery. Disconnect the grid heater wiring by removing two 10mm nuts.



6. Unbolt the battery tray (six 13 mm bolts).



7. Remove the coolant tank top lines and save for install of new WCFab tank.



8. Remove coolant tank lower hose and disconnect level sensor plug. There will be one 10mm bolt for AC line bracket.

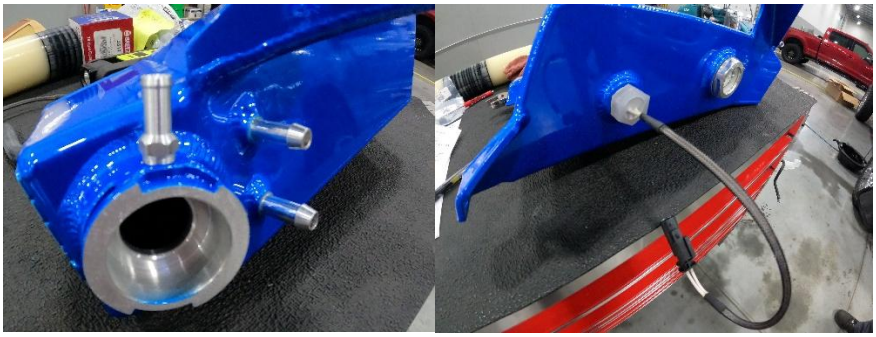


9. Remove the coolant tank nuts (three 10 mm nuts).



10. Remove the coolant tank from engine bay.

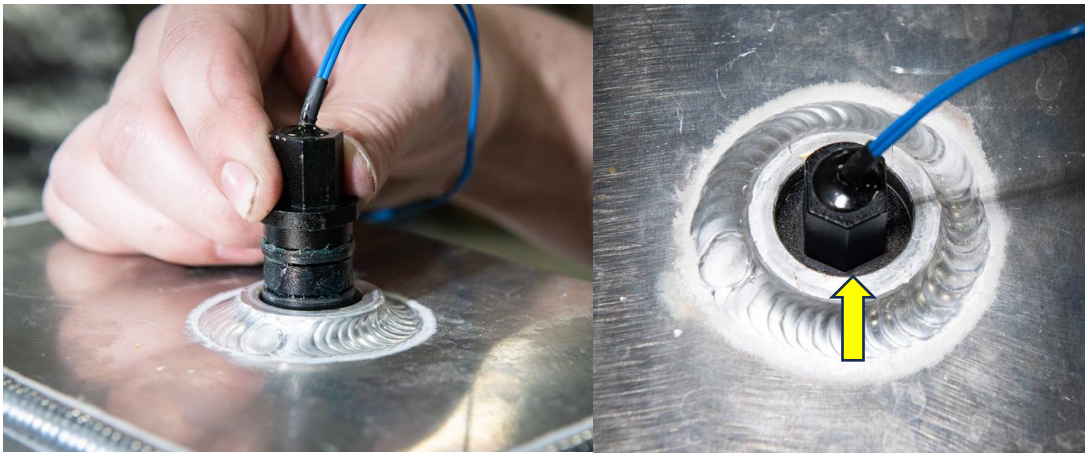
11. **<u>**Skip to step 12 for snap ring style sensor.**</u>** Install the overflow fitting (if not installed already) and level sensor on the new coolant tank. Ensure arrow on sensor is pointed up if using white hex sensor and pointing down if using black round sensor. Use Teflon paste (NOT TAPE) on sensor threads to help with sealing of level sensor.



12. If your tank has the new style sensor, you'll need to install the supplied o-rings and lubricate them with Lubegard Assemblee Goo or similar product.



13. Insert sensor into tank bung with point side facing down. You will know it's positioned correctly if float can hang down.



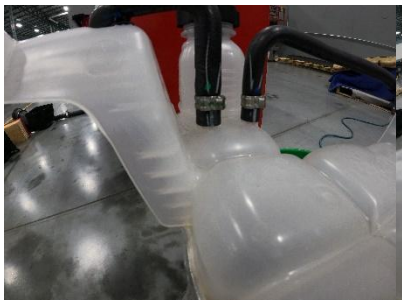
14. Firmly seat sensor in place until it bottoms out and install supplied snap ring.




15. Use existing stud after removing wire retainer as shown below for tank mount point.



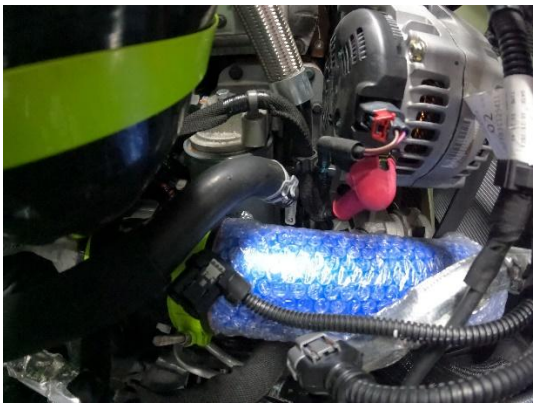

16. Use a hook tool to remove top lines from OEM coolant tank and transfer to new WCFab tank utilizing the new provided hose clamps. Transfer AC line bracket to AC line & reconnect with 10mm bolt. Reconnect level sensor at this point as well.



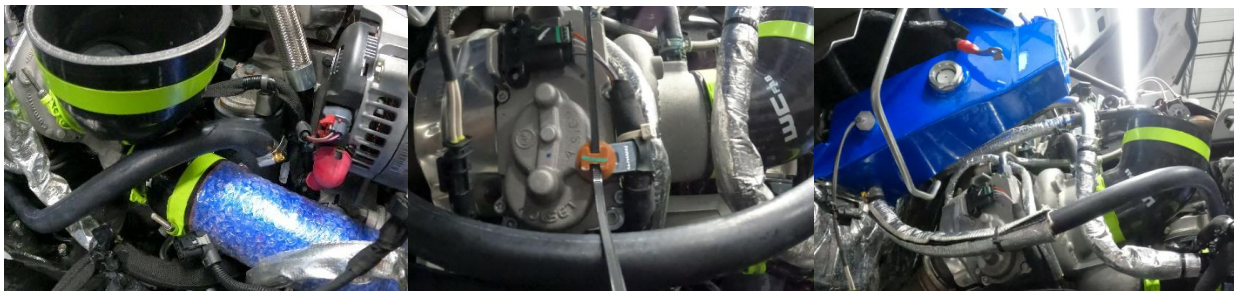




17. Remove OEM hose from engine side as shown below.



18. Install new hose & trim to correct length. Use zip tie to hold hose & heat wrap in place.



19. Install the overflow hose on nipple at fill neck and route it down into fender area.



20. Reinstall battery tray, battery, intake, and fender liner.
21. Fill system with coolant and reconnect battery. Once coolant is visible at the bottom of the sight glass, it is full. There is no need to fill any further or it could be pushed out overflow once pressure builds. **NOTE: Cap on coolant tank must be pushed down and turned until the 2nd click or it wont be fully engaged.**
22. Start truck and check for leaks. Keep some coolant handy to top off system in the first week of driving as trapped air bubbles work out of the system.

Any Questions, Comments, or Feedback?
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Or the shop phone- 630-277-8239
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