

Ford 6.0 Oil Cooler and Coolant Flush Directions

1. Loosen the petcock valve on the bottom of the radiator to drain the system, putting it into a suitable container.
2. Remove the lower radiator hose at the radiator to have it go faster, again dropping it into a suitable container.
3. Reattach the lower radiator hose but don't bother tightening the connection.
4. Leave the petcock valve open and use a garden hose in the degas bottle to refill the system with tap water.
5. Once full, slow the hose water down to equal the flow out of the system from the radiator valve.
6. Eat lunch.
7. After the water coming out of the radiator is clear and no longer slimy at all (use a clear drinking glass or similar to periodically check the water), close the petcock valve and start the truck.
8. Turn the heat on high.
9. Get the truck up to temperature and then open the petcock valve again with the engine still running and place the garden hose back in the degas bottle.
10. Let the truck idle until the water is clear.
11. Remove the garden hose and close the petcock valve.
12. Add Restore (or VC-9) to the degas bottle. Top off as necessary with tap water.
13. Drive around for a couple of days, driving the truck perhaps harder than usual.
14. Complete steps 1-11, draining what is likely going to look like charcoal.
15. Add Restore+ to the degas bottle. Top off as necessary with tap water.
16. Complete steps 1-11.
17. Drive around for a day maybe.
18. Repeat steps 1-10, draining what might be clear and what might be part jellatin.
19. Backflush oil cooler following directions on the PDF linked on FICMrepair.com. Be sure to already have the o-ring replacement from Ford.
20. Backflush the heater core.
21. Remove lower radiator hose at radiator.
22. Pull drivers side coolant plug, being careful to fully seat the allen wrench/allen wrench socket in the plug since it's brass and deforms easily. Allow to fully drain.
23. Reinstall drivers side coolant plug, lower radiator hose, and close petcock.
24. Refill system with distilled water.
25. Turn truck on with heater on and ensure that thermostat opens (that it gets to full operating temperature).
26. Remove lower radiator hose at radiator until drained.
27. Reattach lower radiator hose.
28. Repeat steps 24-27 four additional times.
29. System should now be completely buttoned up, but empty.
30. Install optional coolant filter if you haven't already.
31. Add non-diluted (not 50/50 mix) of a CAT1 rated extended life coolant (Chevron Delo ELC, etc) until you've added 50% of the capacity of the system.
32. Top off with distilled (likely a gallon or less).
33. Enjoy a cold beverage. :))

For further information, please see the reference at

<http://home.comcast.net/~lyon.family1/truck/Powerstroke%20Cooling%20System%20Flush%20v1-0.pdf>