

DETROIT DDEC II 8 v 92 FUEL FILTER CHANGE

The DDEC II has two filters, the primary being a Racor and the secondary being a spin on. Always change the racor first. The DDEC II is self-priming

1. Clean all dirt, grime, etc. off the racor assembly and dry.
2. To remove water and sludge from the assembly, drain the plastic fuel cup on the bottom of the assembly by turning the drain nut **COUNTER CLOCKWISE**. Loosen the “T” handle to allow air into the assembly - otherwise it forms a slight vacuum and will not effectively flush out the bowl.
3. Close drain valve and remove the top of the assembly with the “T” handle.
4. Put a small trash bag or Wal-Mart bag over your hand to remove the used filter. Gently remove the filter element by pulling on the plastic top using a slight rocking motion to minimize fuel spilling. When removed, invert the bag to catch any fuel and to dispose of the spent filter.
5. Careful to observe how the filter fits in the canister assembly and how deep it fits so the new filter can be placed at the same depth.
6. As the new filter is inserted in the canister there will be a slight resistance as it goes down into the canister and it will click down another 1-2 inches.
7. Add clean diesel or ATF to within ¼ inch of the top of the canister.
8. Replace “O” rings – small is for the “T” handle shaft, large is for the outer lip of the canister lip.
9. Smear a little oil on the large “O” ring and replace top.
10. Start engine and let run on low idle for 1-2 minutes to purge any air.
11. Using a Wal-Mart bag or small trash bag as in step 4, install the secondary spin on filter by removing old filter. Have the new filter close by filled with clean diesel and the “O” ring lightly smeared with oil.
12. Tighten new filter, start engine and run on high idle until it runs smoothly to purge any air in the line.
13. Drink beer when finished, you’ll enjoy the process much better.