

Doug Nash 4+3 Transmission Filter Service

Compiled by Peter Mihaltian NCRS #47240

1. ***Before a fluid change, make sure you can remove the fill plug! If you drop the pan and can't get the fill plug out, you will have a problem 😊***;
2. Raise vehicle;
3. Remove upper & lower underbody braces;
4. With drain pan placed under the overdrive oil pan, remove oil pan attaching bolts from front & side of pan;
5. Loosen rear pan attaching bolts approximately four (4) turns;
6. Carefully pry oil pan loose, allowing fluid to drain;
7. Remove remaining bolts & remove the oil pan. Carefully drop the pan straight down (*use a large drain pan here!*);
8. Remove the filter by carefully pulling straight down. There is a rubber seal that may come off with the filter so just reinstall it on the new filter;
9. Clean pan with solvent and dry thoroughly with clean compressed air. Remove filter from the transmission;
10. You can use very light air pressure (*5 psi or so*) to remove the old fluid from the cooler lines. Remove one line and blow out the fluid;
11. Install new filter with new pickup tube grommet;
12. Clean and install the magnet in the oil pan as shown in figure 7B-11;
13. Apply a bead of Right Stuff black RTV sealant on the pan rails. Make sure the pan rails and transmission case flange are completely clean of old sealant or gasket material and dried thoroughly. The bead of RTV should be applied as shown in Figure 7B-11;
14. Install pan bolts and torque to approximately ***8-10 ft-lbs*** (make sure they are equally tight);
15. Fill overdrive unit with Dexron II automatic transmission fluid. When you refill the pan, add fluid until some comes out the fill hole. Then spin one rear wheel by hand for a couple minutes; that will force fluid into the empty coolant lines if you have drained them. Then top off the pan and re-install the fill plug;
16. Install the upper and lower underbody braces.

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The OD filter is the same one that is used in the Ford FMX series trannies from the late 60's to early 70's in Torino, Cougar, some F-150's and other Fords.

If you have a CarQuest parts store close by, get p/n 85926. It should run about \$5 to \$7 for a filter. Compare that to the \$25 cost plus almost an equal amount for shipping/handling from other online Corvette parts vendors.



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7B-40 83MM MAN TRANS/AUTO O/D

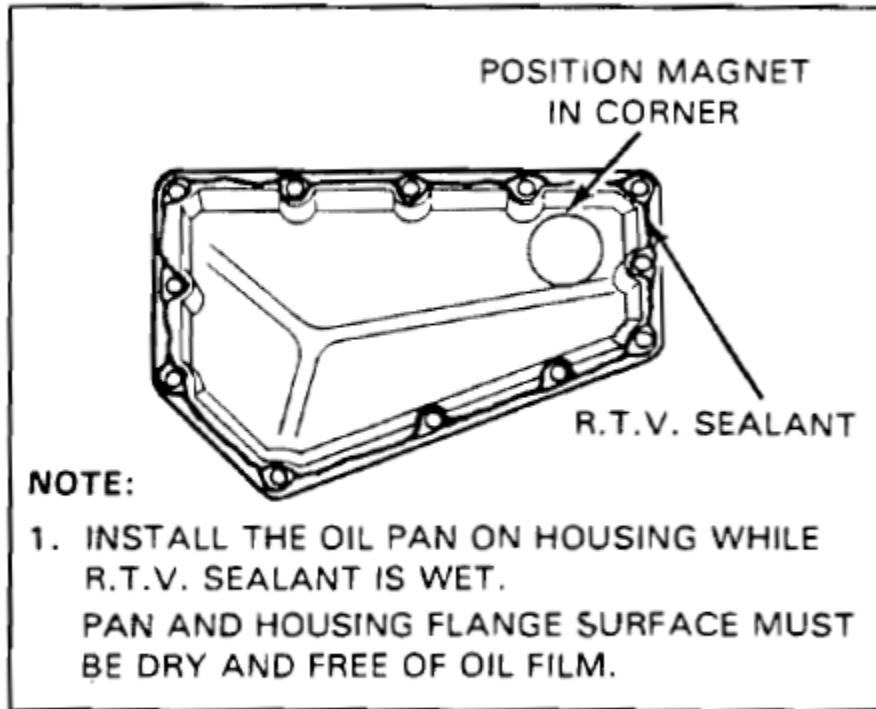


Figure 7B-34b-Magnet and R.T.V. Location