

Automatic Transmission Cleaning with R104 Transmission/Power Steering Flush

*R104 is compatible with all transmission flush and fluid exchange equipment. Please follow the instructions for the equipment you are using



Note: The service procedure will have greater results if the vehicle's transmission is warm before proceeding. Please read complete instructions before starting the procedure.

Before Performing Procedure:

- **Check Engine Oil**
- **Check Transmission Fluid**
- **Perform a visual inspection of the vehicle for fluid leakage.**
- **Perform a visual inspection for possible signs of overheating; Low Coolant Level, Weeping Radiator, Bulging or Leaking Radiator and Heater Hoses, Loose Clamps, Etc.**
- **Verify adequate ventilation.**
- **Verify that the vehicle is not making any underhood noises such as knocking or rapping.**

Cleaning The Transmission Internal Parts with R104 Transmission/Power Steering Flush



Step 1: Pour one bottle of R104 Transmission/Power Steering Flush into the transmission dipstick tube.



Step 2: Start engine and circulate transmission fluid for 10—15 minutes.

Notice: Under what conditions the vehicle is operated in to circulate the transmission fluid will depend on why the flush is being done. For normal transmission fluid maintenance, the engine can be idled for 15 minutes before continuing to the next procedure. If you are trying to clean up sticky shift valves, the vehicle will have to be driven so the sticky valves will actually move. Example: If you are having a 2-3 shift problem, the vehicle will have to be driven in the range where the 2-3 shift will occur. If you are having a TCC shudder, the vehicle will have to be driven to engage the TCC. The offending part should be cycled 25-40 times. While ET104 Transmission System Flush contains EP lubricants, DO NOT overexert the vehicle during the road test.

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Please follow traditional safety practices:

- **Work on a hard level surface.**
- **Apply Parking Brake.**
- **Use jack stands when working under the Vehicle.**
- **Use properly sized wrenches.**
- **Dispose of used oil properly.**
- **R104 Transmission/Power Steering Flush is safe for recycling and waste oil burners.**

When using a transmission flush or fluid exchange machine to do the service: please follow the equipment manufacturer's procedures and use the proper manufacturer's recommended transmission fluid. When flush machine is complete:

Step 1: Disconnect the equipment/machine being used and reassemble any removed parts from the vehicle.

Step 2: Check the transmission fluid and top off if required.

- Check for leaks
- Road test vehicle
- Recheck fluid level

***If you are using ET150 without a flush machine, use the following procedure.**

Step 1: Drain the transmission fluid into a suitable container.

Step 2: If it is necessary to remove transmission pan to drain fluid, replace the filter.

Step 3: Clean all removed parts that will be reused. If a professional parts washing tank is not available, R110 Throttle Body Cleaner and a rag make an excellent cleaner.

Step 4: Add correct transmission fluid to bring to proper level.

- Check for leaks.
- Road test vehicle.
- Recheck Fluid Level.



Note: This service may also be performed on manual transmissions, transaxles and transfer cases using ATF. When servicing a manual gearbox, fluid may have to be removed from the gearbox to add the R104 Transmission/Power Steering Flush.

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