

GENERAL PROCEDURES

Transmission Fluid In-Line Filter

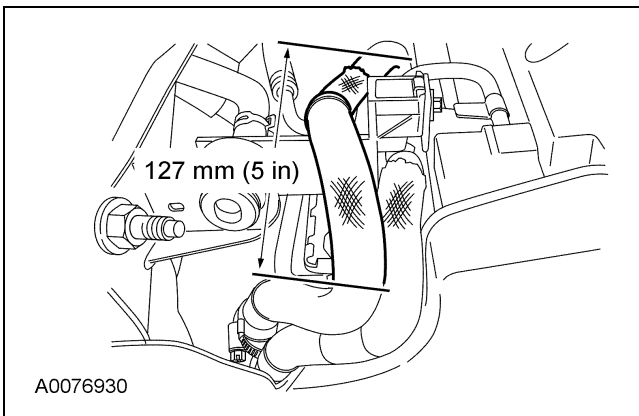
Material

Item	Specification
MERCON® V Automatic Transmission Fluid XT-5-QM	MERCON® V

NOTE: Use the following guidelines for installing the transmission fluid in-line filter:

- If the transmission was overhauled and the vehicle was equipped with an in-line fluid filter, install a new in-line fluid filter.
- If the transmission was overhauled and the vehicle was not equipped with an in-line fluid filter, install a new in-line fluid filter kit.
- If the transmission is being installed for a non-internal repair, do not install an in-line filter or filter kit.
- If installing a Ford-authorized remanufactured transmission, install the in-line transmission fluid filter that is supplied.

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.
2. Cut a section of the upper transmission fluid cooler hose to allow installation of the transmission fluid in-line filter.

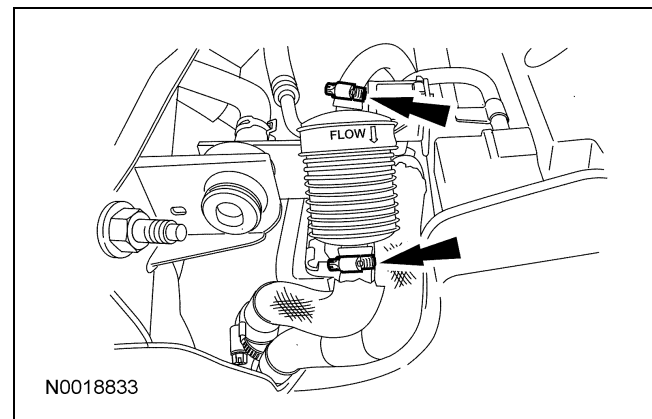


3. **CAUTION:** The filter has a bypass valve in it. The red arrow on the filter indicates the direction of fluid flow through the filter. The filter must be installed in the fluid cooler return line with the red arrow on the filter pointing away from the transmission fluid cooler and toward the transmission (the return line has fluid coming out of the cooler going to the transmission). If the fluid filter is not installed correctly, it will cause internal transmission damage.

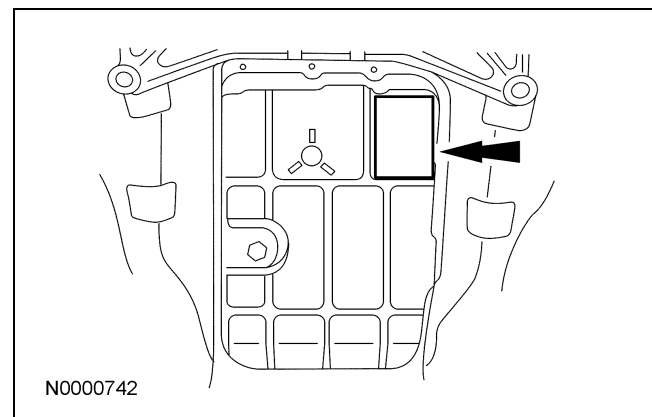
CAUTION: Do not install any rubber hoses or steel tubing with a bend entering the filter greater than 60 degrees.

Install the one end of the filter into the rubber hose with a clamp, then install the other end of the filter into the rubber hose.

- Install and tighten the 2 hose clamps.



4. Clean a visible section of the transmission fluid pan and install the sticker indicating that the vehicle is equipped with an in-line filter.



GENERAL PROCEDURES (Continued)

5. Fill the transmission with clean automatic transmission fluid.
 - Verify for correct operation.
 - Check the filter for leaks.
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