

IN-VEHICLE REPAIR: FLUID PAN,...**IN-VEHICLE REPAIR: FLUID PAN, GASKET AND FILTER (AUTOMATIC TRANSAXLE/TRANSMISSION - TORQSHIFT®)**

307-01 Automatic Transaxle/Transmission - TorqShift®

2010 F-250, 350, 450, 550 Super Duty

IN-VEHICLE REPAIR

Procedure revision date: 06/25/2009

Fluid Pan, Gasket and Filter**Special Tool(s)**

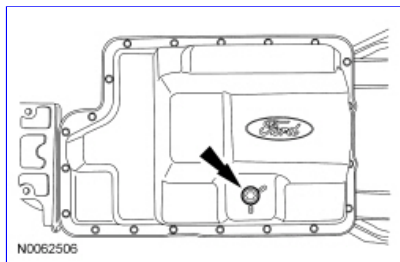
Vehicle Communication Module (VCM) and Integrated Diagnostic System (IDS) software with appropriate hardware, or equivalent scan tool

Material

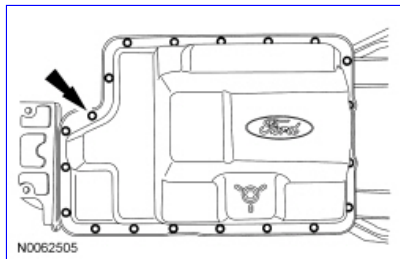
Item	Specification
Motorcraft® MERCON® LV Automatic Transmission Fluid XT-10-QLVC (US); CXT-10-LV12 (Canada)	MERCON® LV

Removal

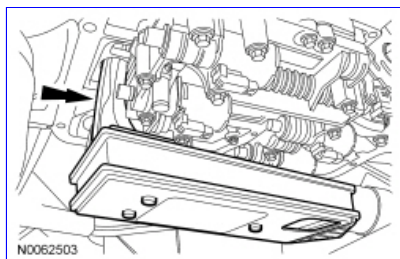
1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. Remove the transmission fluid drain plug and allow the transmission fluid to drain.



3. Remove the transmission fluid pan and transmission fluid pan gasket.

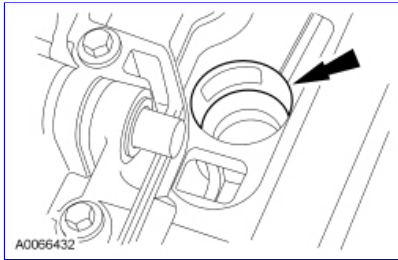


4. Remove the transmission fluid filter.



5. **NOTICE:** Carefully remove the transmission fluid filter seal. Damage to the seal bore will cause transmission failure.

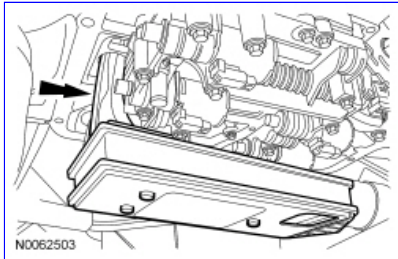
Inspect the transmission fluid bore for the transmission fluid seal. If the seal is in the bore, carefully remove the seal.



Installation

1. **NOTE:** Prior to installing the transmission filter, make sure that the old transmission fluid filter seal has been removed.

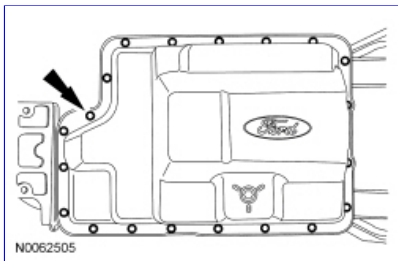
Install a new transmission fluid filter and seal assembly.



2. **NOTE:** Tighten all the transmission fluid pan bolts in a crisscross pattern.

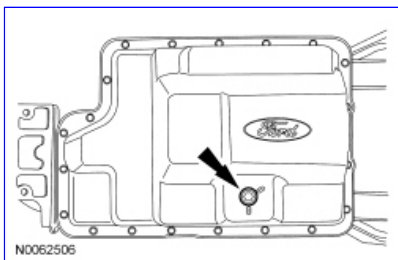
Install the transmission fluid pan gasket and transmission fluid pan.

- Tighten to 20 Nm (177 lb-in).



3. Install the transmission fluid pan drain plug.

- Tighten to 18 Nm (159 lb-in).



4. **NOTICE:** The use of any other transmission fluid than specified can result in the transmission failing to operate in a normal manner or transmission failure.

Fill the transmission.

- Add 7.0L (7.5 qt) of transmission fluid to the transmission through the transmission fluid filler tube.

5. Start the engine. Move the selector lever through all the gear ranges, checking for engagements.
6. Using the scan tool with the engine running, check and make sure the transmission is at normal operating temperature 66-77°C (150-170°F). Check and adjust the transmission fluid level and check for any leaks. If transmission fluid is needed, add transmission fluid in increments of 0.24L (0.5 pt) until the correct level is achieved.

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