

GENERAL PROCEDURES: TRANSMISS...**GENERAL PROCEDURES: TRANSMISSION FLUID DRAIN AND REFILL - WITHOUT TORQUE CONVERTER DRAIN PLUG AND WITH FLUID PAN DRAIN PLUG (AUTOMATIC TRANSAXLE/TRANSMISSION - TORQSHIFT®)**

307-01 Automatic Transaxle/Transmission - TorqShift®

2005 F-Super Duty 250-550

GENERAL PROCEDURES

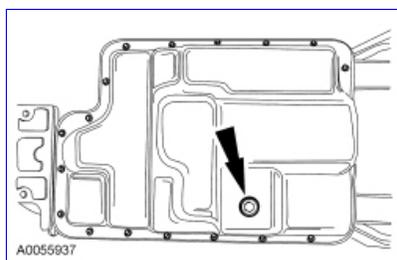
Procedure revision date: 08/15/2006

Transmission Fluid Drain and Refill - Without Torque Converter Drain Plug and With Fluid Pan Drain Plug**Material**

Item	Specification
Motorcraft MERCON® Multi-Purpose (ATF) Transmission Fluid XT-6-QSP	MERCON®SP

Draining

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

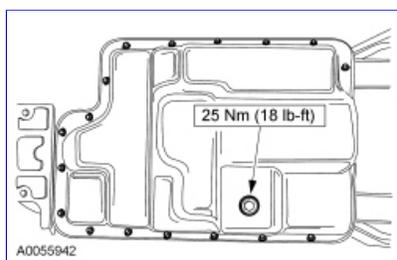


3. **NOTE:** If equipped with a radiator in-tank transmission fluid cooler or an oil-to-air (OTA) cooler, the coolers will need to be flushed.

Only flush the cooler tubes and radiator in-tank transmission fluid cooler, if carrying out a transmission overhaul, or when installing a remanufactured transmission. For additional information, refer to [Transmission Fluid Cooler Backflushing and Cleaning](#) in this section.

Refill

1. Install the drain plug.



2. **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 7.1 liters (7.5 qts) of clean automatic transmission fluid to the transmission through the fluid filler tube.

3. Start the engine. Move the transmission range selector lever through all the gear ranges, checking for engagements.
4. With the engine running and the transmission at normal operating temperature 66-77°C (150-170°F), check and adjust the transmission fluid level, and check for any leaks. If fluid is needed, add fluid in increments of 0.24-liter (0.5-pint) until the correct level is achieved (fluid should be in the cross-hatched area of the fluid level indicator).

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