

Automatic transmission fluid leaking into PTU or PTU gear lubricant leaking into transmission	Connecting sleeve to input shaft O-Ring	INSTALL new seals. REFER to: Power Transfer Unit Input Shaft Seal LH - 8-Speed Automatic Transmission “ 8F35 (308-07B Power Transfer Unit - 2.0L EcoBoost (184kW/250PS) “ MI4, Removal and Installation).
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Inspection of the seal's mating journal should be performed every time a seal is replaced. The mating part/journal should be replaced if it has any of the following conditions: Radial wear groove that is felt by running a finger nail across where the seal lip runs. Scratches, pitting, galling, nicks or other shaft damage under or near where the seal lip runs. Discoloration or coked oil on the shaft where the seal lip runs. Shaft corrosion under or near where the seal lip runs. Sharp edges or burrs on the shaft lead in chamfer. NEVER use emery cloth on journal finishes, replace the part.

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General Procedures

Power Transfer Unit Draining and Filling

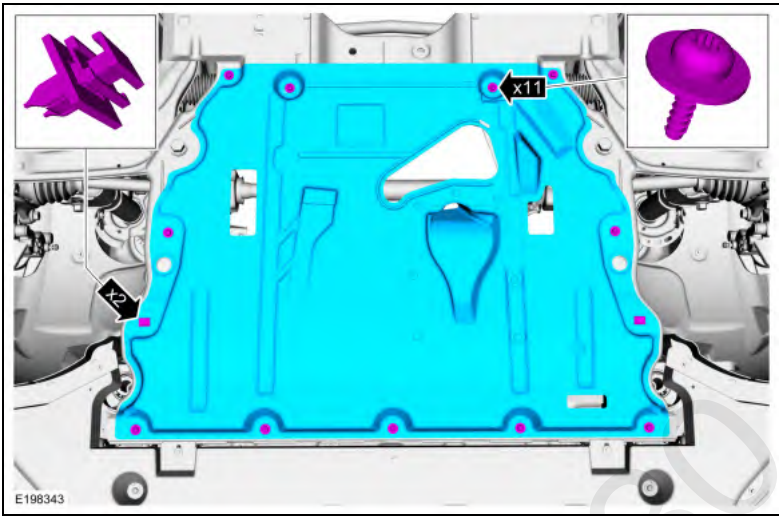
Materials

Name	Specification
Motorcraft® SAE 75W-85 Premium Synthetic Hypoid Gear Lubricant XY-75W85-QL	WSS-M2C942-A

Draining

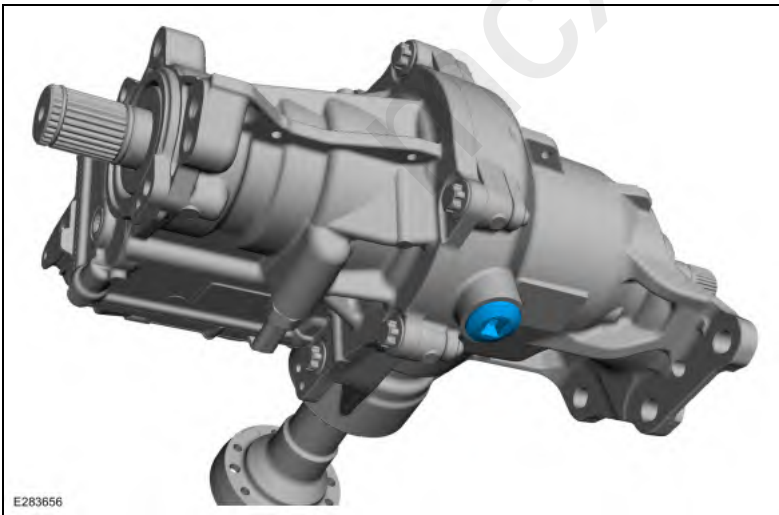
All vehicles

1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. If equipped, remove the underbody shield.



Vehicles without PTU Oil-to-Coolant Cooling

3. Remove the PTU drain plug.



4. **NOTE:** Ensure drain plug gasket is properly seated and flush inside of drain plug groove. Drain Plug Gasket should not be visible after installation.

Install the oil drain plug with the new gasket.
Torque: 30 lb.ft (40 Nm)