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|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Automatic transmission fluid leaking into PTU or PTU gear lubricant leaking into transmission</li> </ul> | <ul style="list-style-type: none"> <li>Connecting sleeve to input shaft O-Ring</li> </ul> | <ul style="list-style-type: none"> <li>INSTALL new seals.<br/>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).</li> </ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

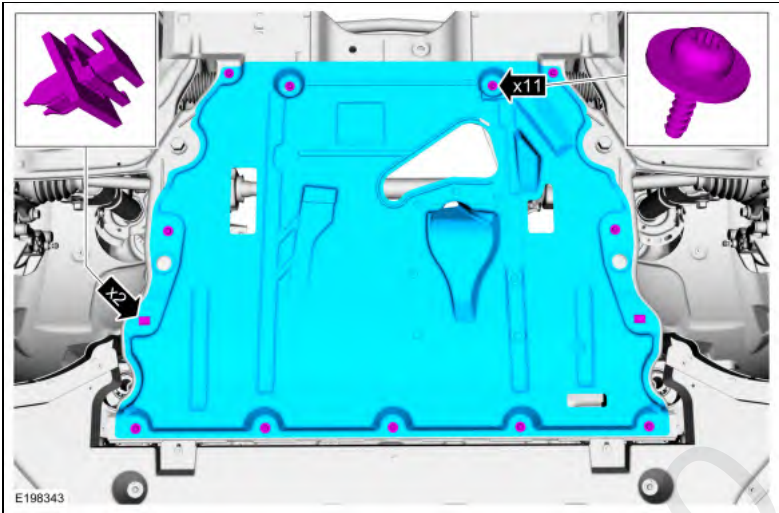
Power Transfer Unit Draining and Filling

Materials

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

Draining

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



3.
- Remove and discard the PTU cooler nuts.

**NOTE:** Be prepared to catch escaping fluid.  
Position aside the PTU cooler.