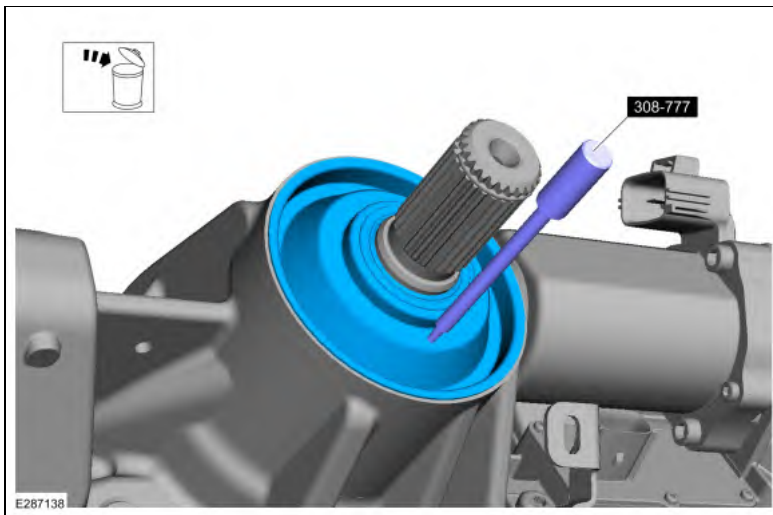
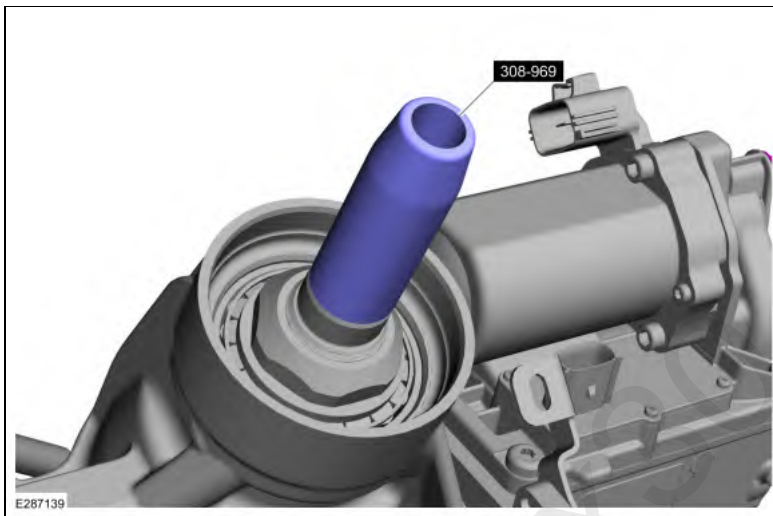


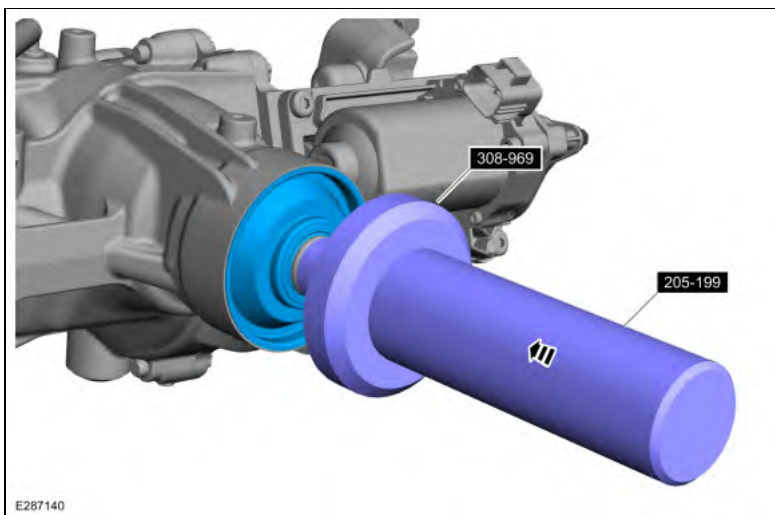


Installation

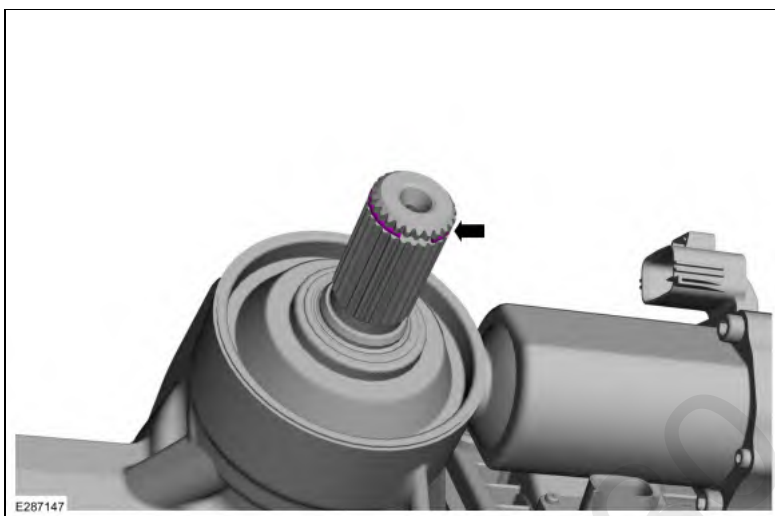
- 1. Position the tool on the pinion shaft.
Use Special Service Tool: 308-969 Installer, Pinion Seal.



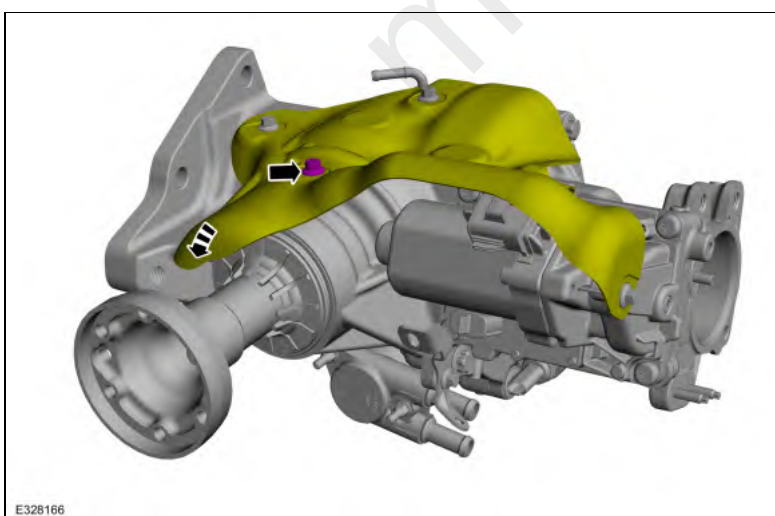
- 2. Using the tool install the pinion seal.
Use Special Service Tool: 308-969 Installer, Pinion Seal. , 205-199 (T83T-3132-A1) Installer, Spindle/Axle Shaft.



3. Install new retaining clip.



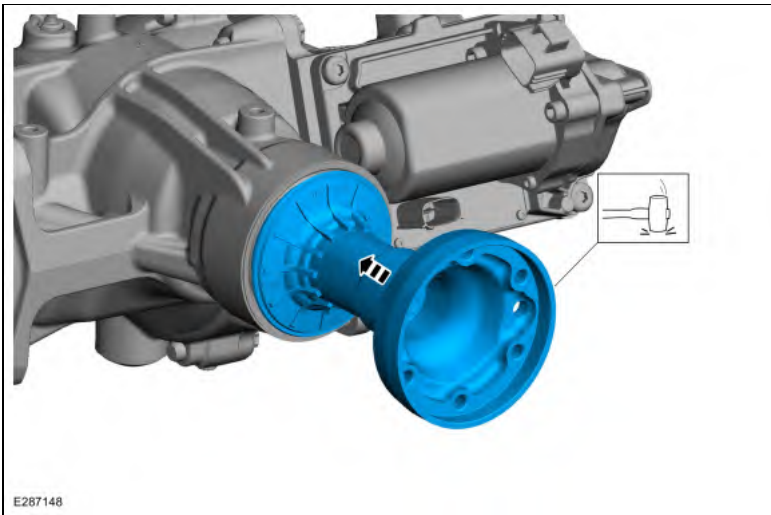
4. Position back the heat shield and install the heat shield retainer.
Torque: 89 lb.in (10 Nm)



5. **NOTE:** Place wooden block on the flange and hammer on the wood using mallet.

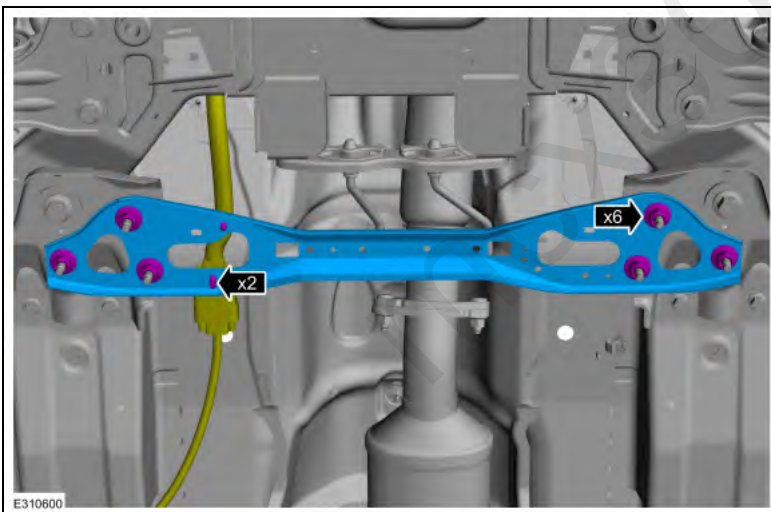
Install the companion flange.

Use the General Equipment: Plastic Mallet



6. **NOTE:** 2.0L EcoBoost vehicle shown, others similar.

Install the front crossmember brace and the retainers.
Torque: 30 lb.ft (40 Nm)



7. Install the rear driveshaft.
Refer to: Rear Driveshaft - 2.0L EcoBoost (177kW/240PS) â€“ MI4 (205-01) .
Refer to: Rear Driveshaft - 2.7L EcoBoost (238kW/324PS) (205-01 Driveshaft, Removal and Installation).
8. Check the PTU fluid level.
Refer to: Power Transfer Unit Fluid Level Check (308-07B Power Transfer Unit - 2.0L EcoBoost (184kW/250PS) â€“ MI4, General Procedures).

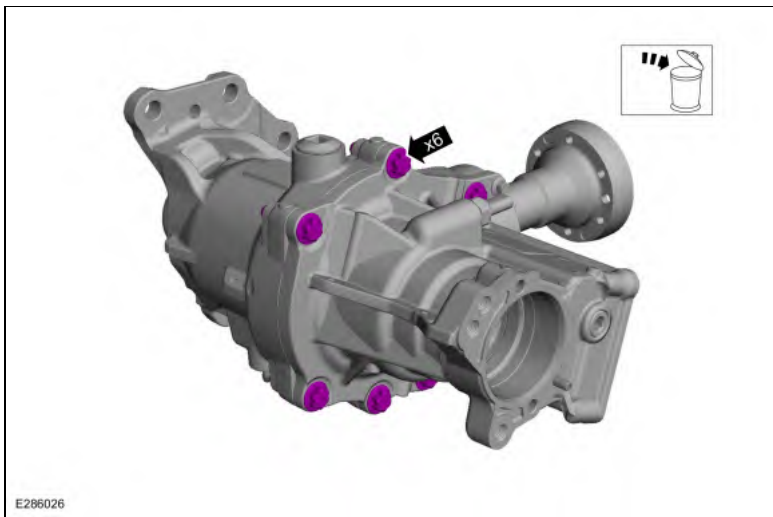
Power Transfer Unit Input Shaft Seal LH - 8-Speed Automatic Transmission â€“ 8F35

Special Tool(s) / General Equipment

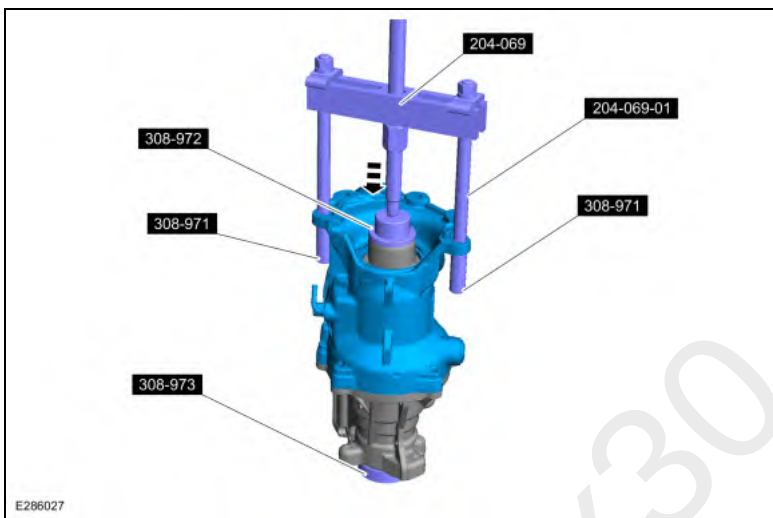
 E216590	204-069 (T81P-1104-C) Remover/Installer, Front Wheel Hub
 E133913	205-153 (T80T-4000-W) Handle
 E170503	307-557 Installer, Ball Bearing TKIT-2005U-FLM TKIT-2005U-LM TKIT-2006U-FLM/LM TKIT-2006UF/FM
 E276353	308-968 Installer, Input Shaft Seal
 E276356	308-971 Remover, Input Sleeve
 E276357	308-972 Installer, Input Sleeve
 E276358	308-973 Remover, PTU Input Sleeve
Hydraulic Press	
Bearing Separator	

Removal

1. Remove the PTU actuator motor.
Refer to: Power Transfer Unit Actuator Motor (308-07B Power Transfer Unit - 2.0L EcoBoost (184kW/250PS) â€“ MI4, Removal and Installation).
2. Remove the PTU cooler.
Refer to: Power Transfer Unit Cooler - Vehicles With: Power Transfer Unit Oil-to-Coolant Cooler (308-07B Power Transfer Unit - 2.0L EcoBoost (184kW/250PS) â€“ MI4, Removal and Installation).
3. Remove the PTU oil temperature sensor.
Refer to: Oil Temperature Sensor (308-07B Power Transfer Unit - 2.0L EcoBoost (184kW/250PS) â€“ MI4, Removal and Installation).
4. Remove and discard PTU case bolts.



5. Install the special tools. Remove the casing.
 Use Special Service Tool: 308-971 Remover, Input Sleeve. , 308-972 Installer, Input Sleeve. , 204-069 (T81P-1104-C) Remover/Installer, Front Wheel Hub. , 308-973 Remover, PTU Input Sleeve.



6. **NOTE:** *The bearing race and shim may come out when the seal is removed.*
 Using the special tools, remove and discard the LH seal.
 Use Special Service Tool: 205-153 (T80T-4000-W) Handle. , 307-557 Installer, Ball Bearing.