


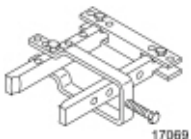


307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80
Removal and Installation

2019 Ranger
Procedure revision date: 06/1/2018

Output Shaft Seal

Base Part Number: 7B215

Special Tool(s) / General Equipment

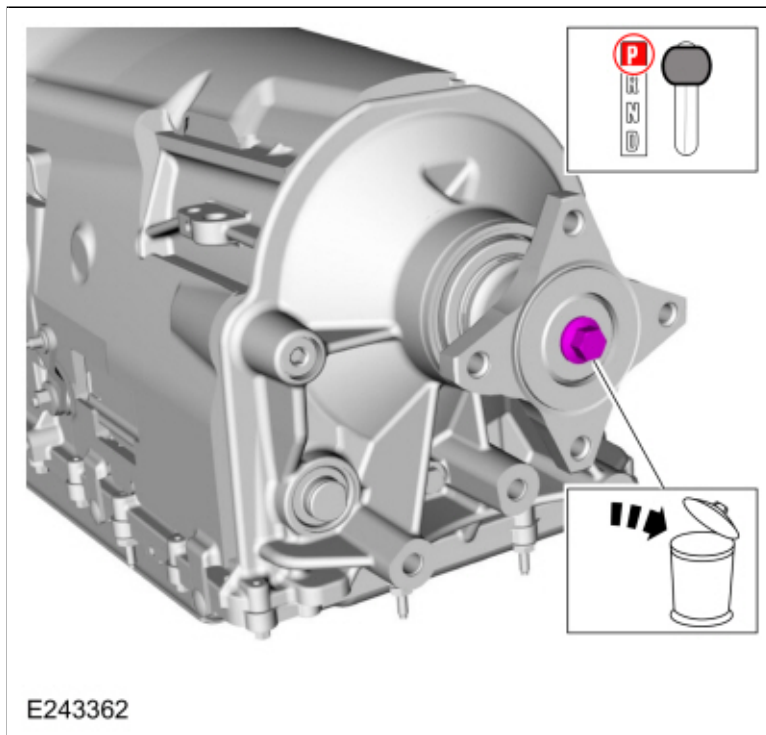
| | |
|--|--|
|  <p>E129694</p> | <p>100-001 (T50T-100-A) Slide Hammer</p> |
|  <p>17069</p> | <p>307-309 Remover, Torque Converter Seal TKIT-1994-FMH/FLMH TKIT-1994-LMH/MH TKIT-1994-FH</p> |
|  <p>E270042</p> | <p>307-458 Socket, Output Shaft Locknut TKIT-2003N-F</p> |
|  <p>E270046</p> | <p>307-660 Installer, Front Pump Seal TKIT-2009C-F TKIT-2009C-ROW</p> |

Removal

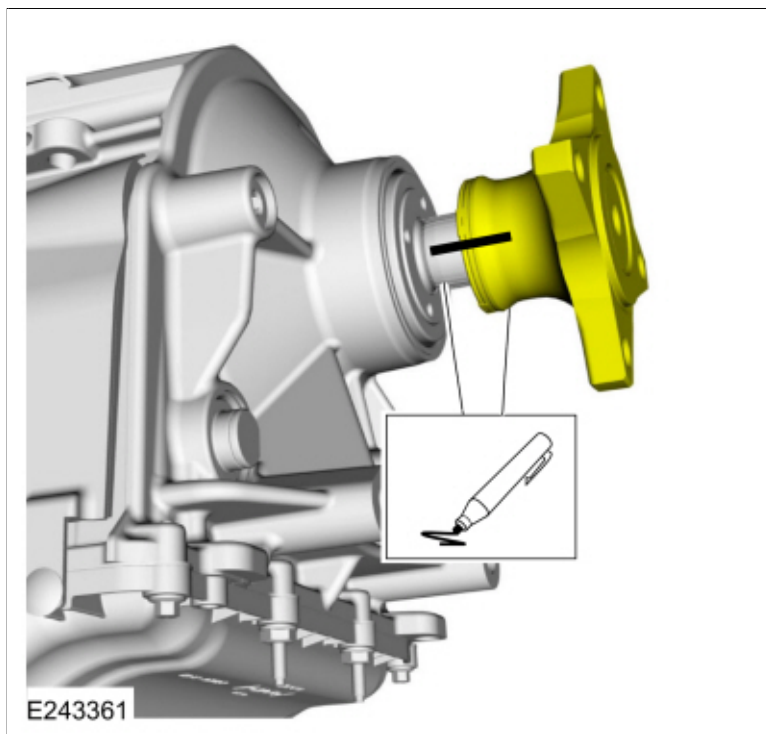
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

Rear Wheel Drive (RWD) vehicles

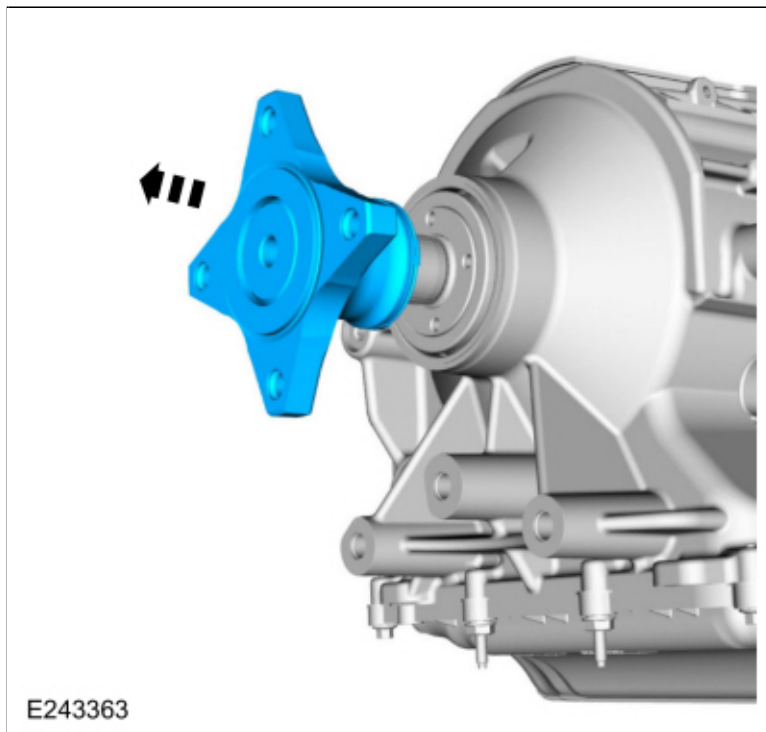
2. Remove the driveshaft assembly.
Refer to: [Rear Driveshaft](#) (205-01 Driveshaft, Removal and Installation).
3. Remove and discard the output shaft flange bolt (7N134).



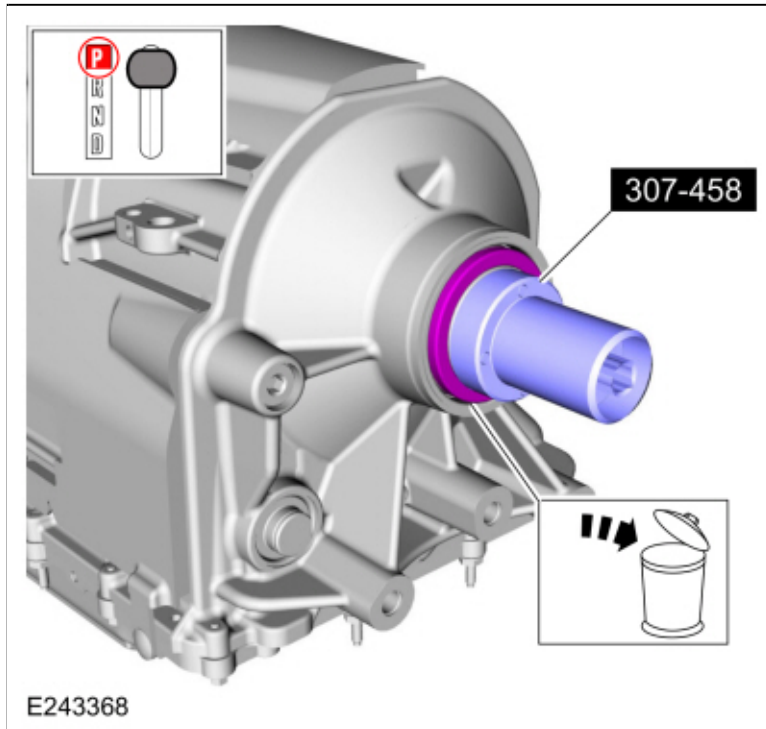
4. Slide the output shaft flange back to index mark the output shaft to the flange.



5. Remove the output shaft flange.



6. Using the special tool, remove and discard the output shaft nut (7085).
Use Special Service Tool: [307-458 Socket, Output Shaft Locknut](#).

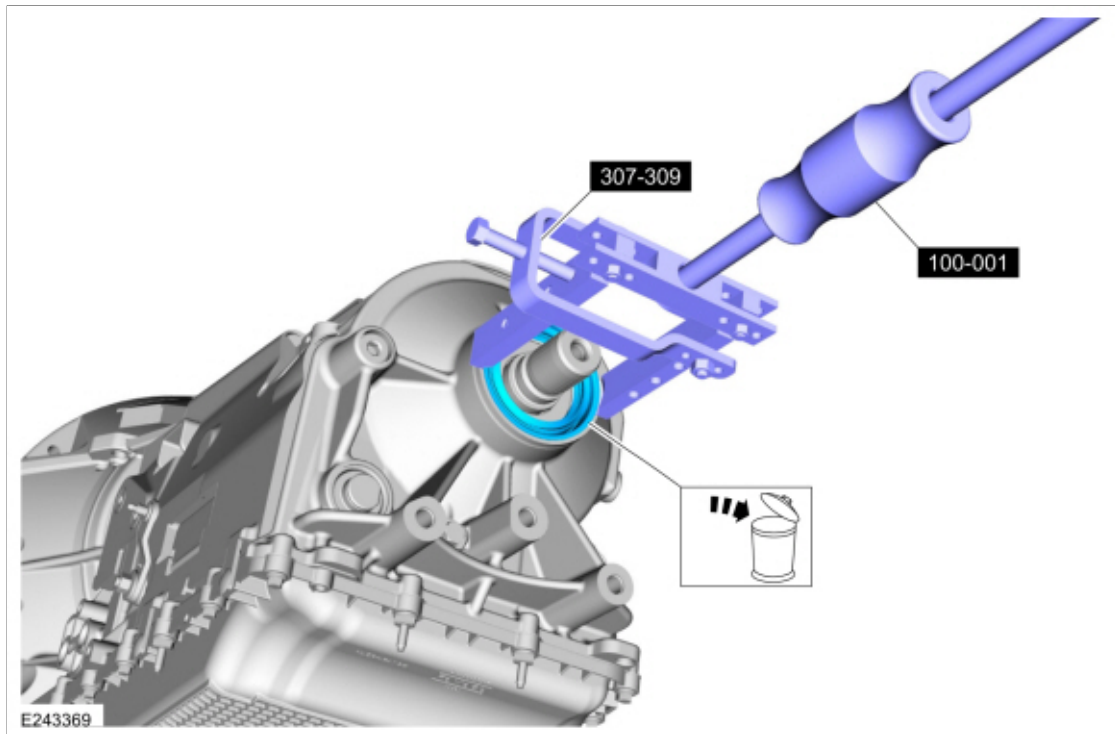


Four-Wheel Drive (4WD) vehicles

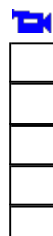
7. Remove the transfer case assembly.
Refer to: Transfer Case (308-07 Transfer Case - 10-Speed Automatic Transmission - 10R80) .

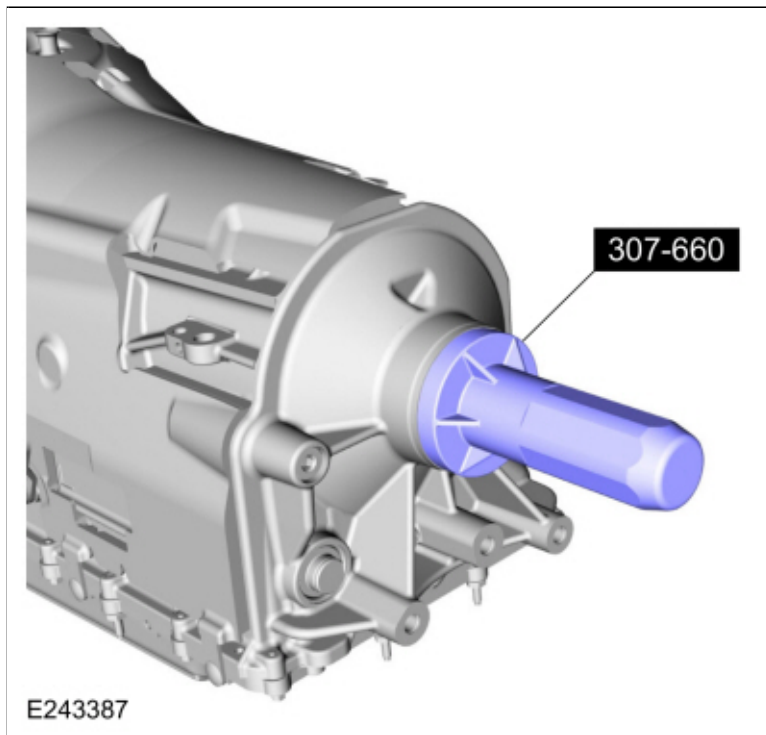
All vehicles

8. Using the special tools, remove and discard the output shaft seal (7052).
Use Special Service Tool: [307-309 Remover, Torque Converter Seal.](#) , [100-001 \(T50T-100-A\) Slide Hammer.](#)

**Installation**

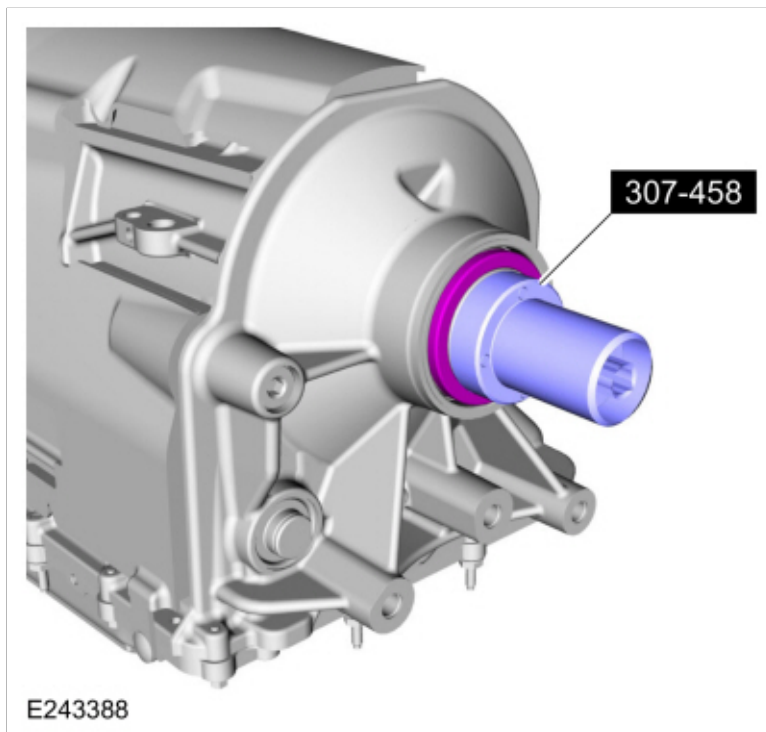
1. Using the special tool, install the new output shaft seal.
Use Special Service Tool: [307-660 Installer, Front Pump Seal.](#)



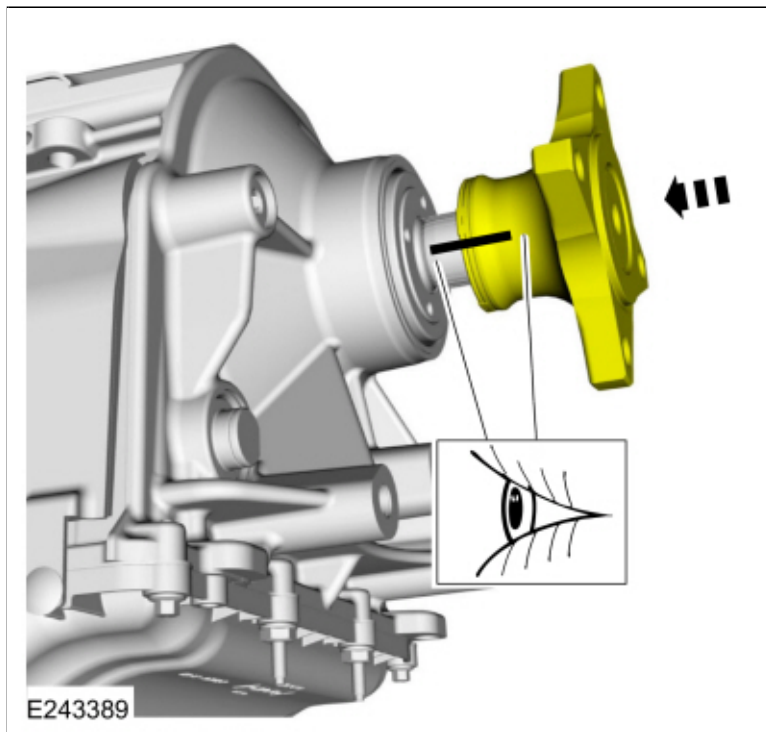


Rear Wheel Drive (RWD) vehicles

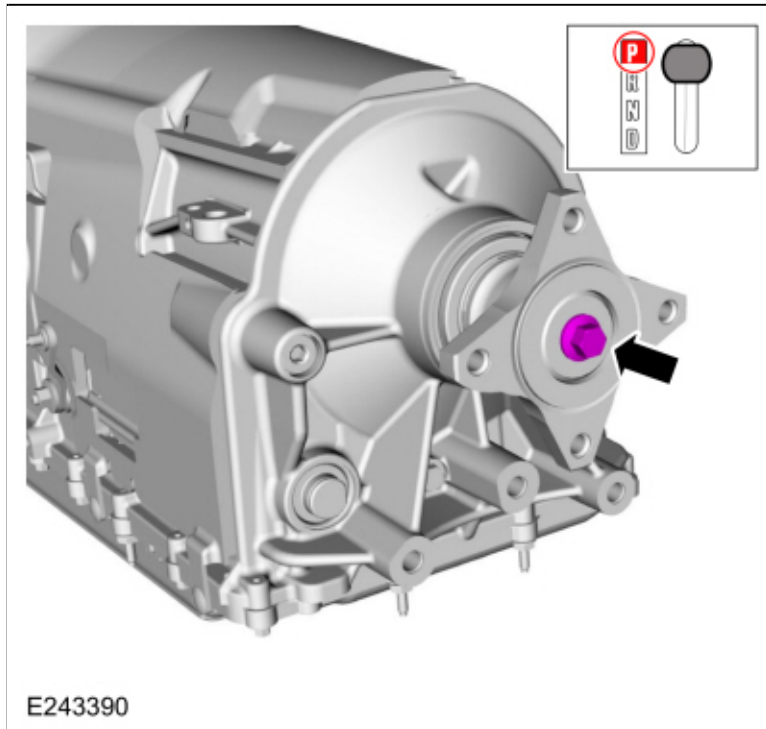
2. Using the special tool, install the new output shaft nut.
Use Special Service Tool: [307-458 Socket, Output Shaft Locknut](#).
Torque: 148 lb.ft (200 Nm)



3. Align the index marks on the output shaft and the output shaft flange made during removal.



4. Install the new output shaft flange bolt.
Torque: 81 lb.ft (110 Nm)



5. Install the driveshaft assembly.
Refer to: [Rear Driveshaft](#) (205-01 Driveshaft, Removal and Installation).

Four-Wheel Drive (4WD) vehicles

6. Install the transfer case assembly.
Refer to: [Transfer Case](#) (308-07B Transfer Case - 10-Speed Automatic Transmission - 10R80, Installation).

All vehicles

7. Check the transmission fluid level
Refer to: [Transmission Fluid Level Check](#) (307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80, General Procedures).

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