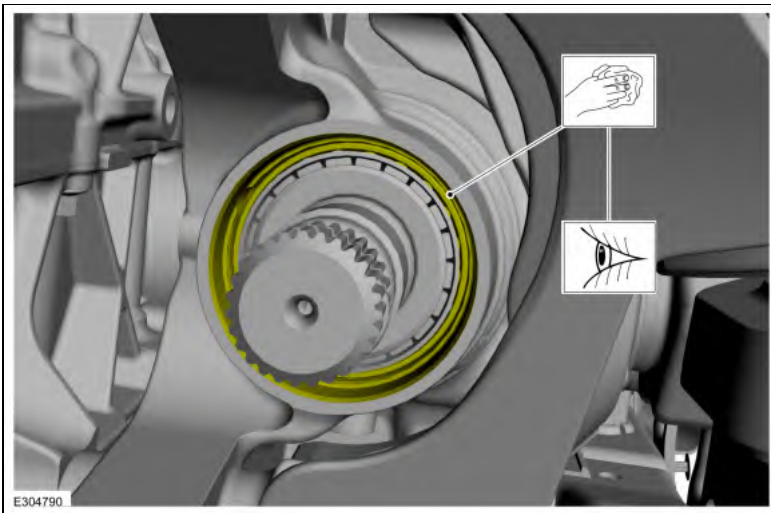
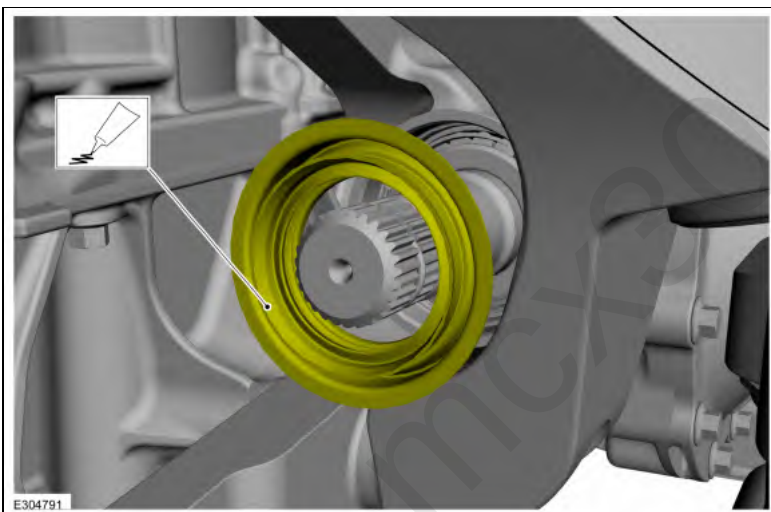




2. Lubricate the new drive pinion seal lip with grease.

Material: Motorcraft® High Temperature 4x4 Front Axle and Wheel Bearing Grease / XG-11 (WSS-M1C267-A1)

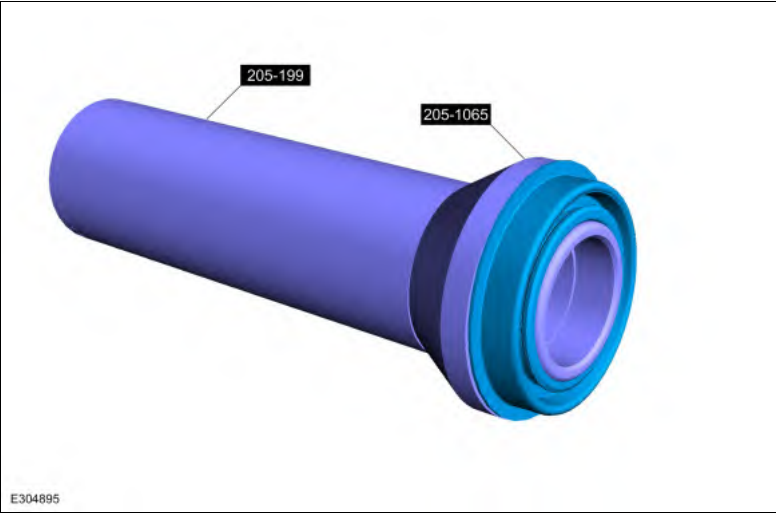


3. **NOTE:** Installation of the halfshaft oil seal without the correct tools can result in early seal failure.

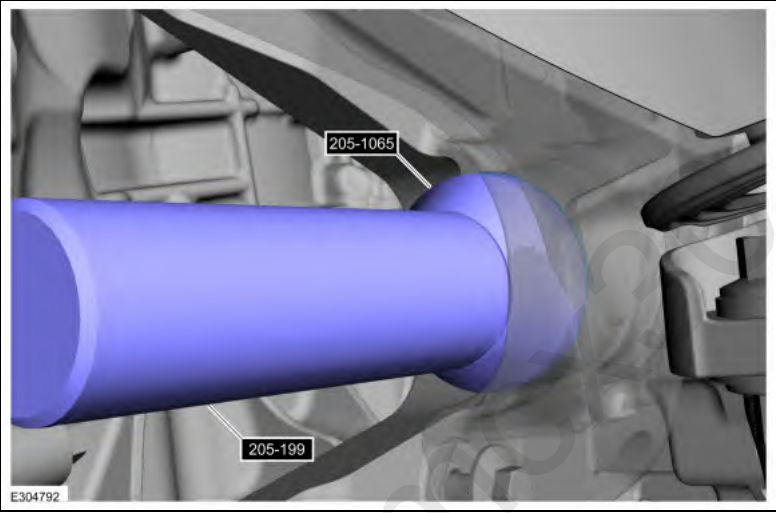
NOTE: Do not disassemble the new oil seal.

Install the new drive pinion seal onto a suitable special tool.

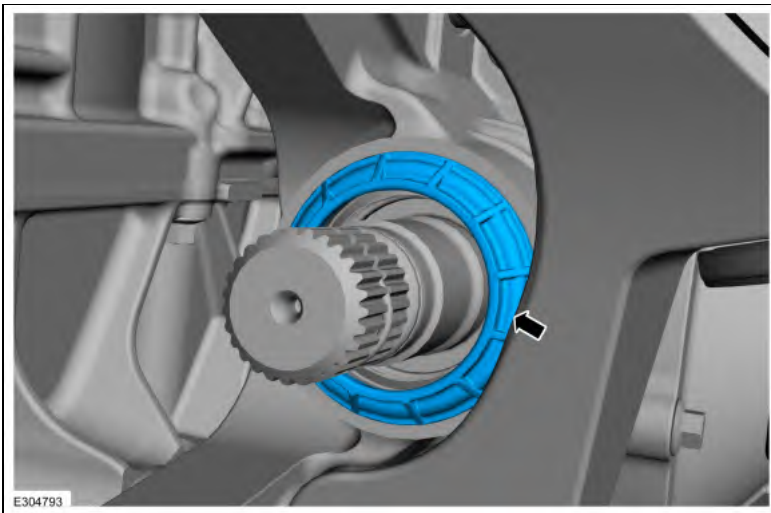
Use Special Service Tool: 205-1065 Installer, Pinion Seal. , 205-199 (T83T-3132-A1) Installer, Spindle/Axle Shaft.



4. **NOTICE: Strike only the handle. Directly striking the installer tool will damage the seal.**
- Using the special tools, install the new drive pinion seal.
Use Special Service Tool: 205-1065 Installer, Pinion Seal , 205-199 (T83T-3132-A1) Installer, Spindle/Axle Shaft.

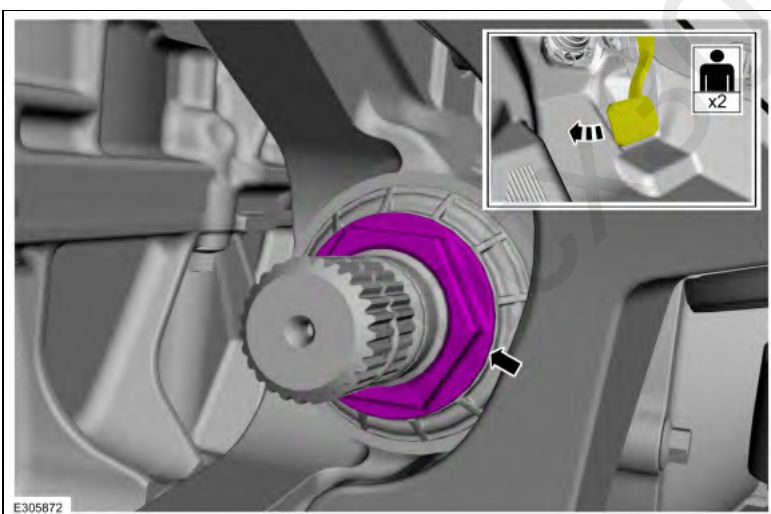


5. Install the new drive pinion seal dust cover.



6. **NOTE:** This step require the aid of another technician.

Install the new front axle drive pinion stem nut.
Torque: 266 lb.ft (360 Nm)



7. Install the front driveshaft.
Refer to: Front Driveshaft (205-01 Driveshaft, Removal and Installation).

Front Axle Disconnect Actuator

Removal

All vehicles

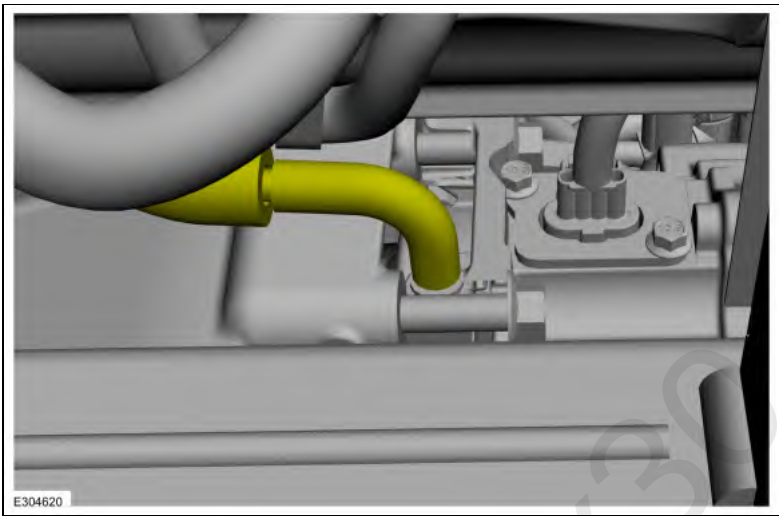
- 1. Remove the front halfshaft LH only.
Refer to: Halfshaft (205-04 Front Drive Halfshafts, Removal and Installation).

All vehicles except 2.3L EcoBoost

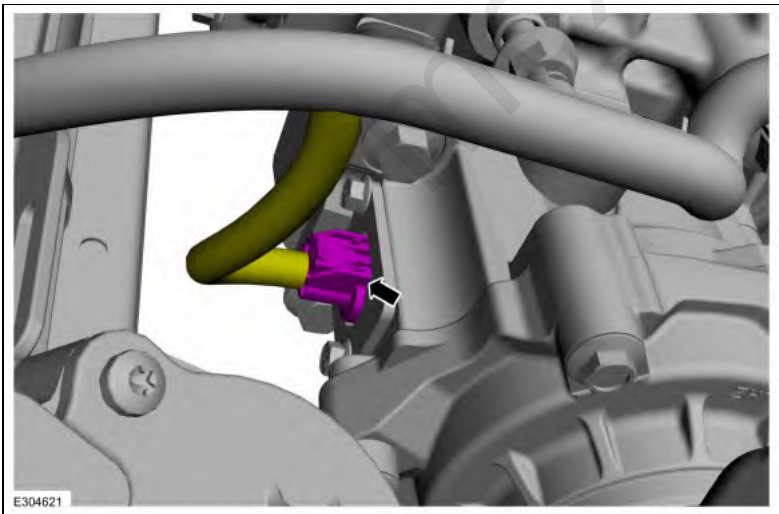
- 2. Remove the engine mount LH.
Refer to: Engine Mount LH (303-01B Engine - 3.0L EcoBoost, Removal and Installation).
Refer to: Engine Mount LH (303-01C Engine - 3.3L Duratec-V6, Removal and Installation).
Refer to: Engine Mount LH (303-01D Engine - 3.3L Duratec-V6 â€ Hybrid (BP), Removal and Installation).

All vehicles

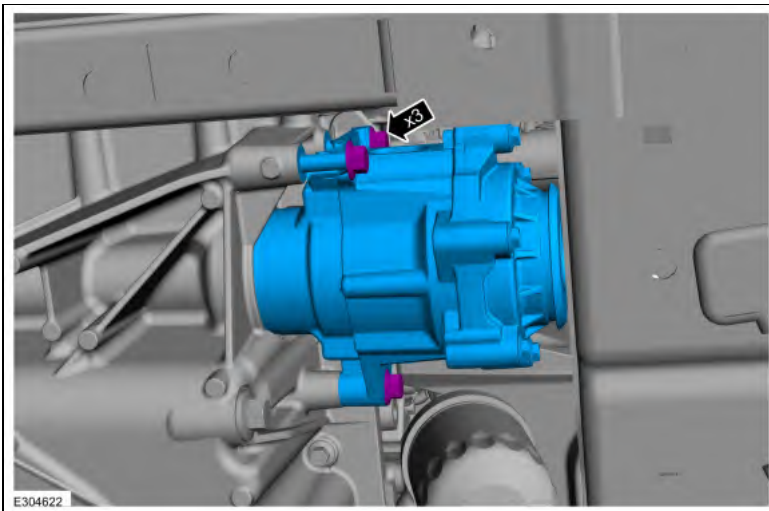
- 3. Detach the front axle assembly vent hose.



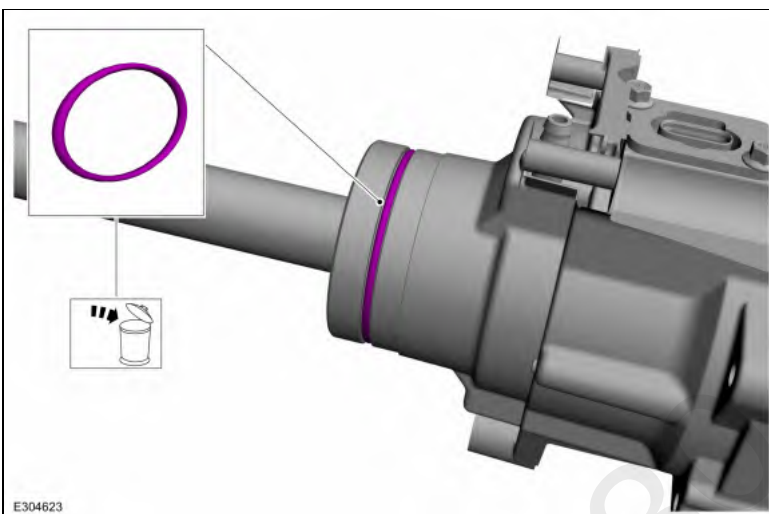
- 4. Disconnect the FADA (Front Axle Disconnect Actuator) electrical connector and position the wiring harness aside.



- 5. Remove the bolts and the FADA (Front Axle Disconnect Actuator) assembly.



6. Remove and discard the FADA (Front Axle Disconnect Actuator) O-ring.



Installation

All vehicles

1. **NOTE:** Make sure that the mating surface is free of corrosion and foreign material.

Clean and inspect the O-ring mating surface.