

Drive Pinion Flange and Seal

Base Part Number: Base Part Number: 3N134

Special Tool(s) / General Equipment

 E234279	205-002 (TOOL-4858-E) Installer, Drive Pinion Flange
 E232132	205-126 (T78P-4851-A) Holding Fixture, Drive Pinion Flange
Three Leg Puller	

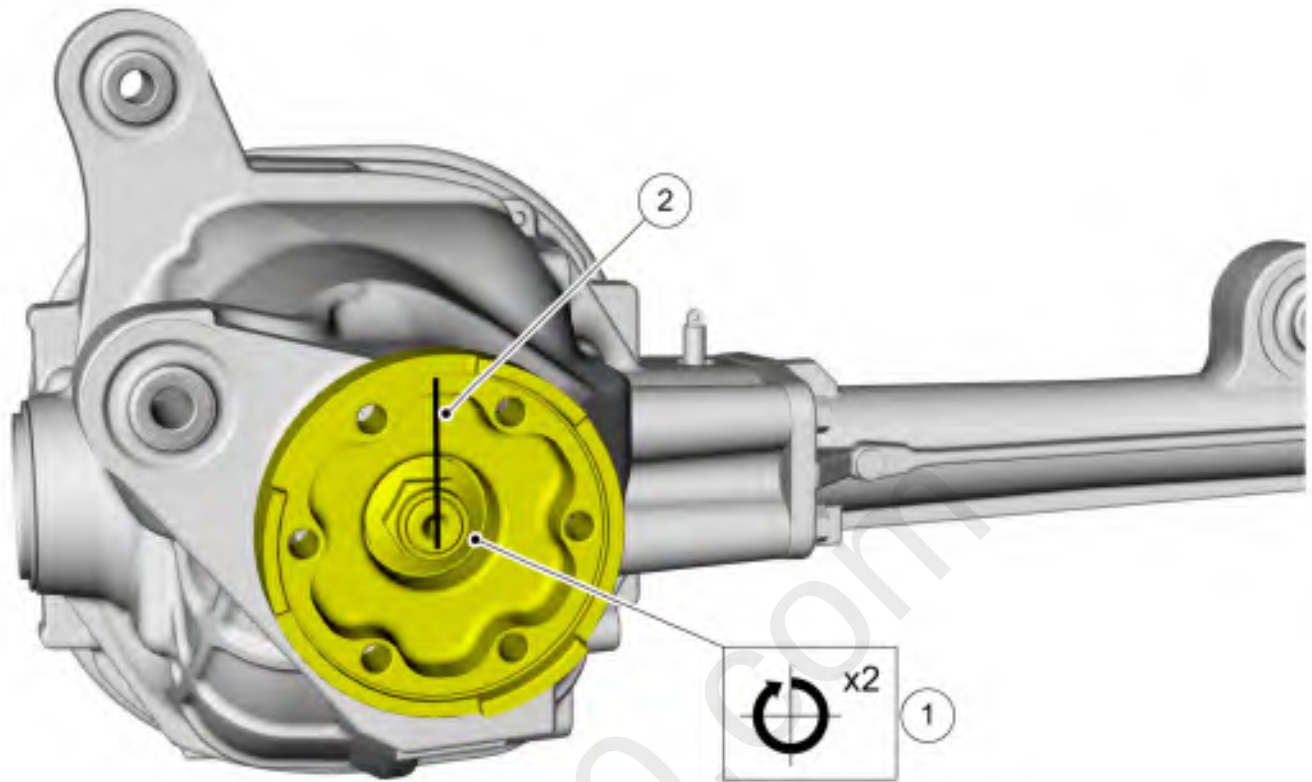
Materials

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

Removal

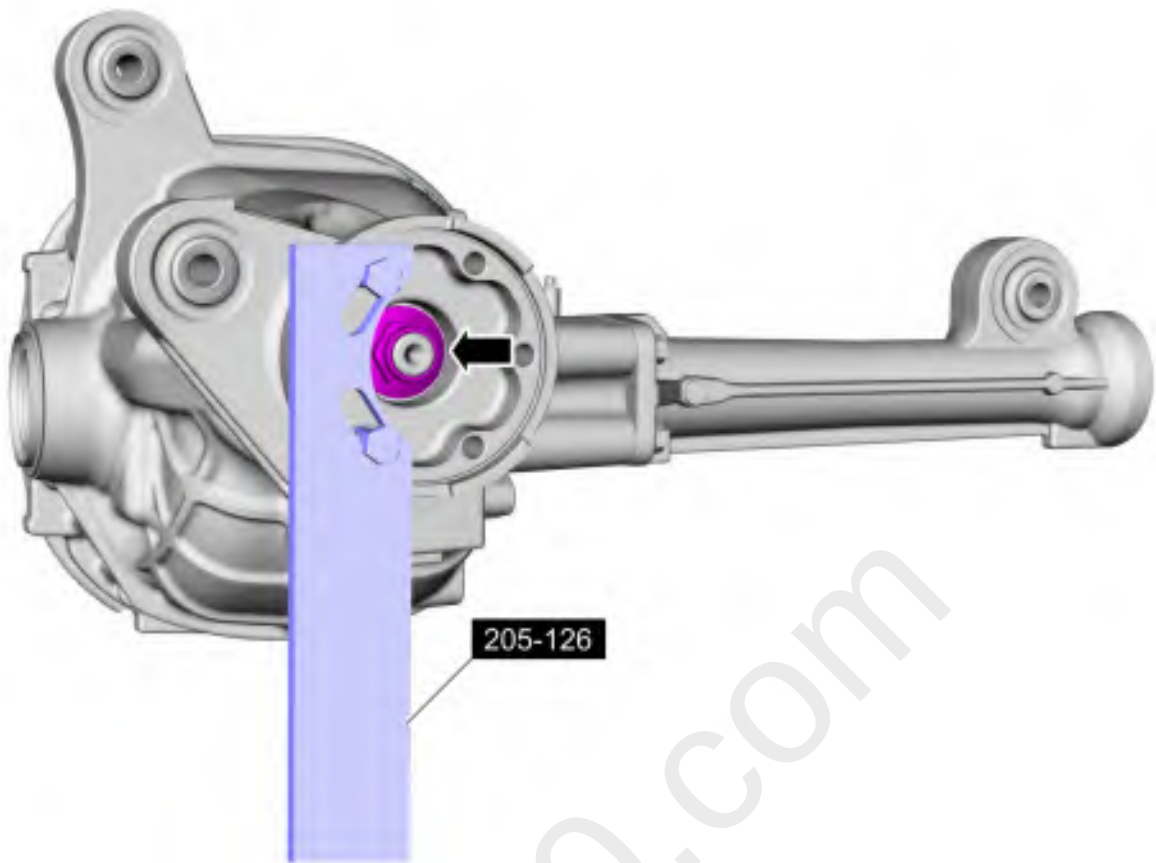
1. Remove the front brake pads.
Refer to: [Brake Pads](#) (206-03 Front Disc Brake, Removal and Installation).
 2. Remove the front driveshaft.
Refer to: [Front Driveshaft](#) (205-01 Driveshaft, Removal and Installation).
1. Using a dial type torque wrench, measure and record the rotational torque of the drive pinion.

2. Index-mark the pinion flange and the drive pinion gear.



E193372

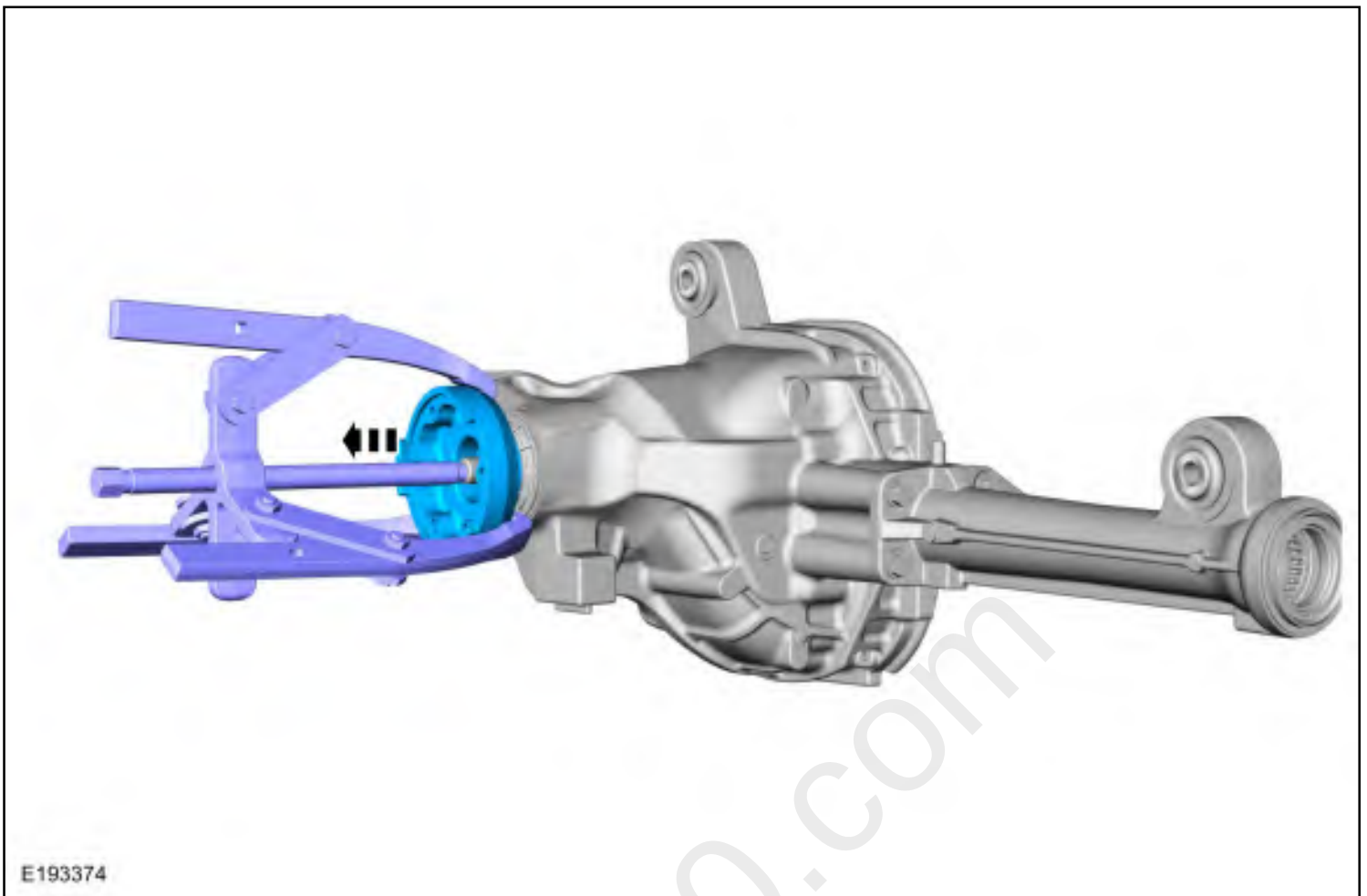
4. Using the special tool, remove the pinion nut.
Use Special Service Tool: 205-126 (T78P-4851-A) Holding Fixture, Drive Pinion Flange.



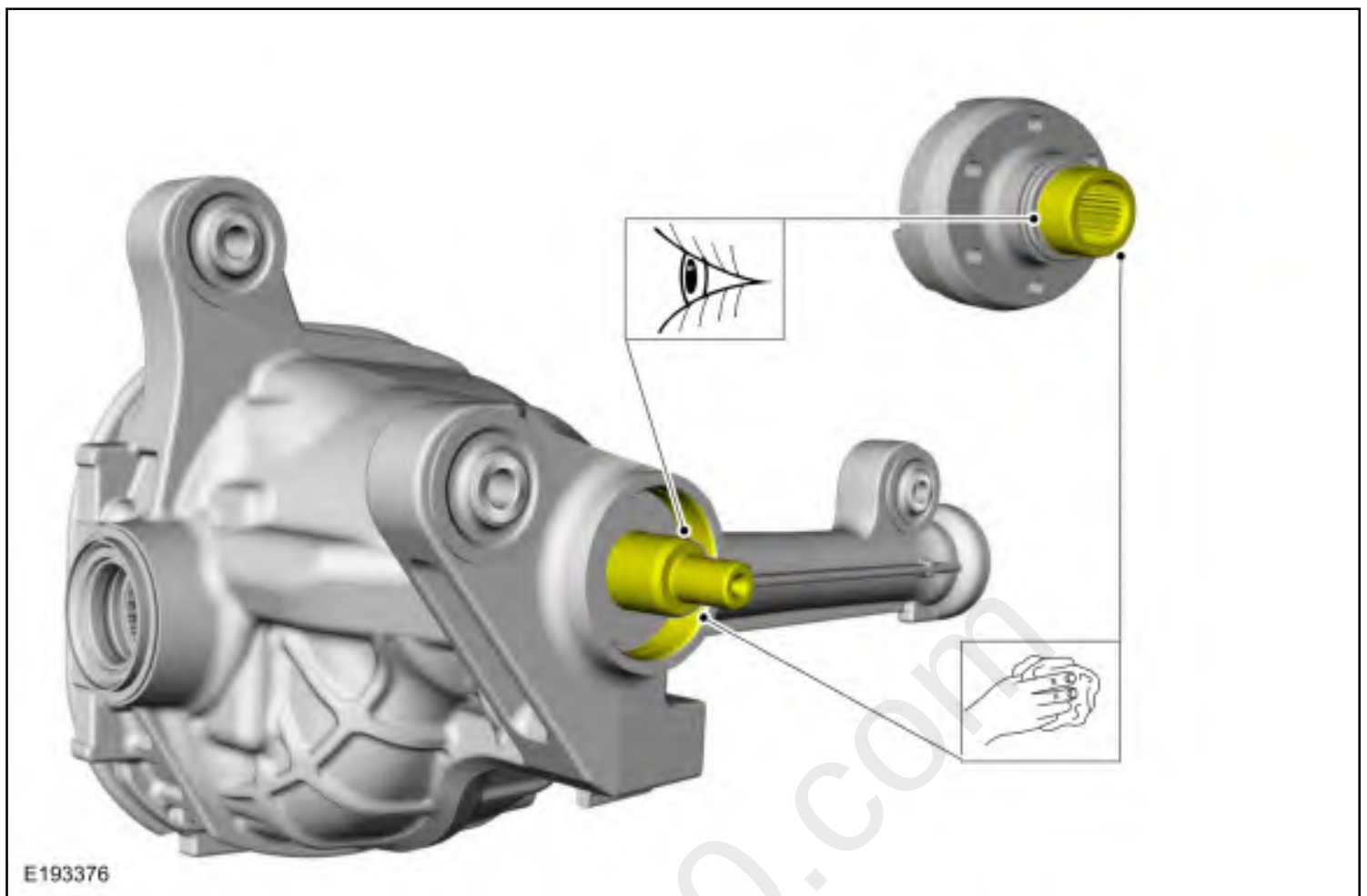
E193373



5. Using the general equipment, remove the pinion flange.
Use the General Equipment: Three Leg Puller

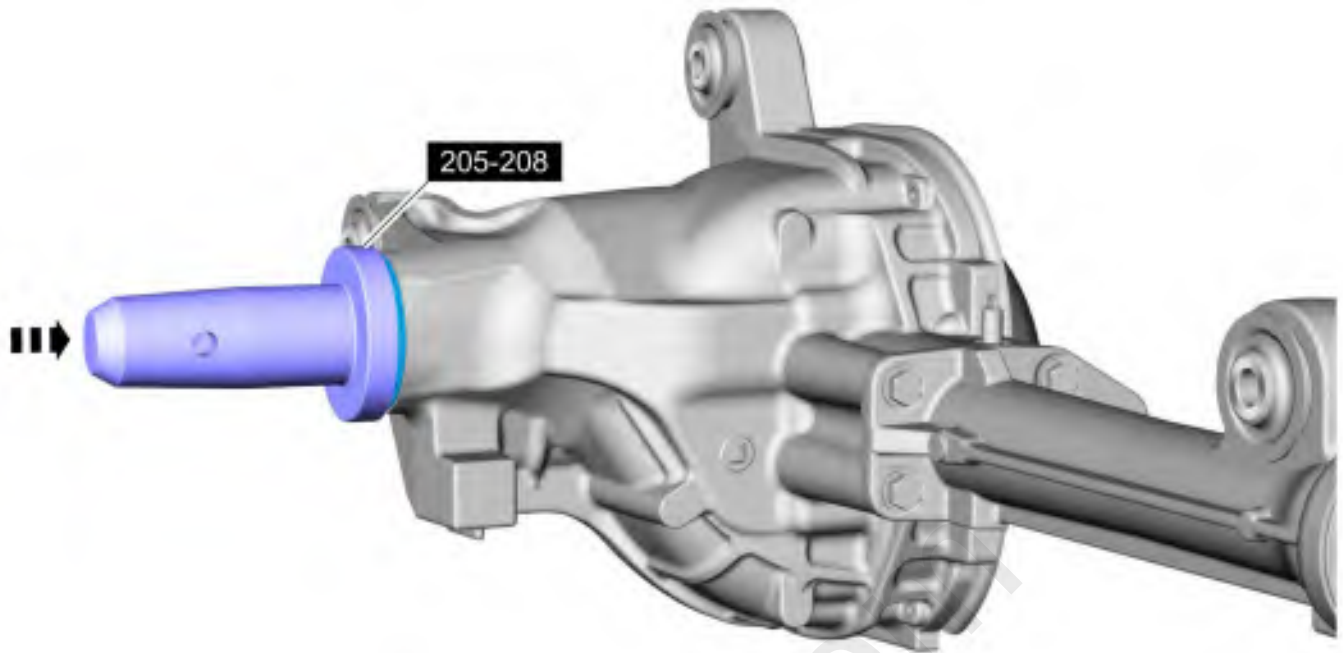


6. Clean and inspect the pinion flange mating surfaces and pinion seal surface.



Installation

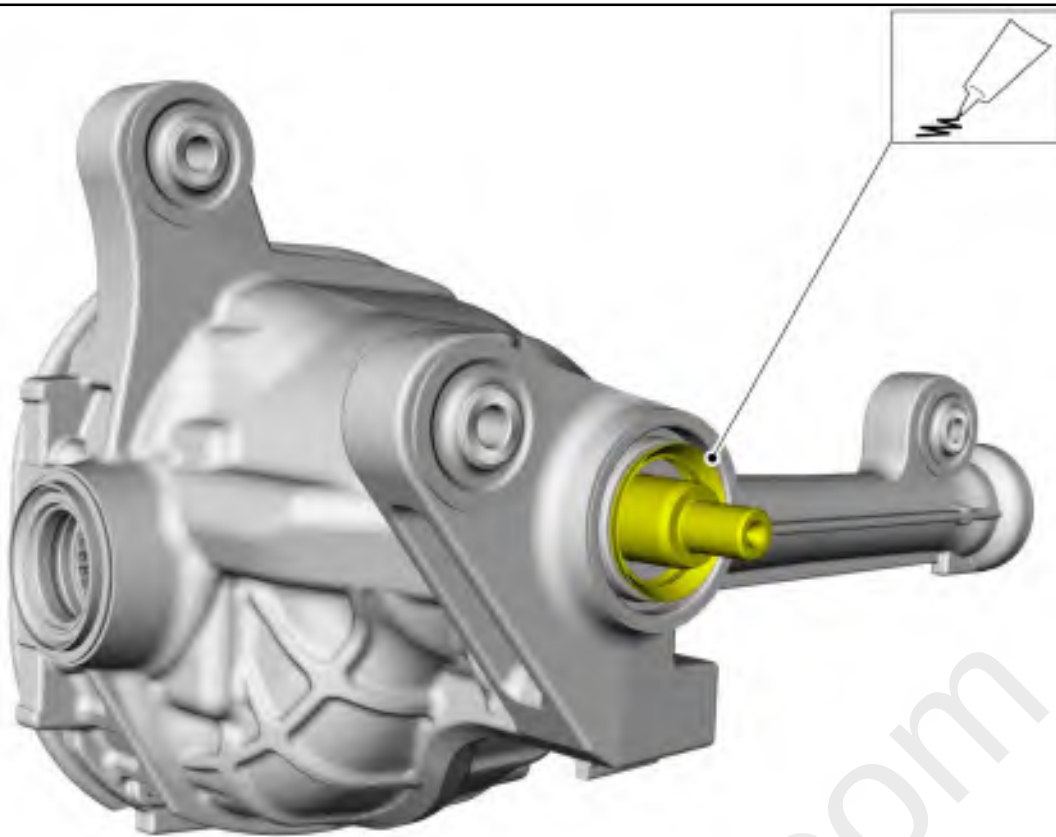
1. Using the special tool, install the new pinion seal.



E193390

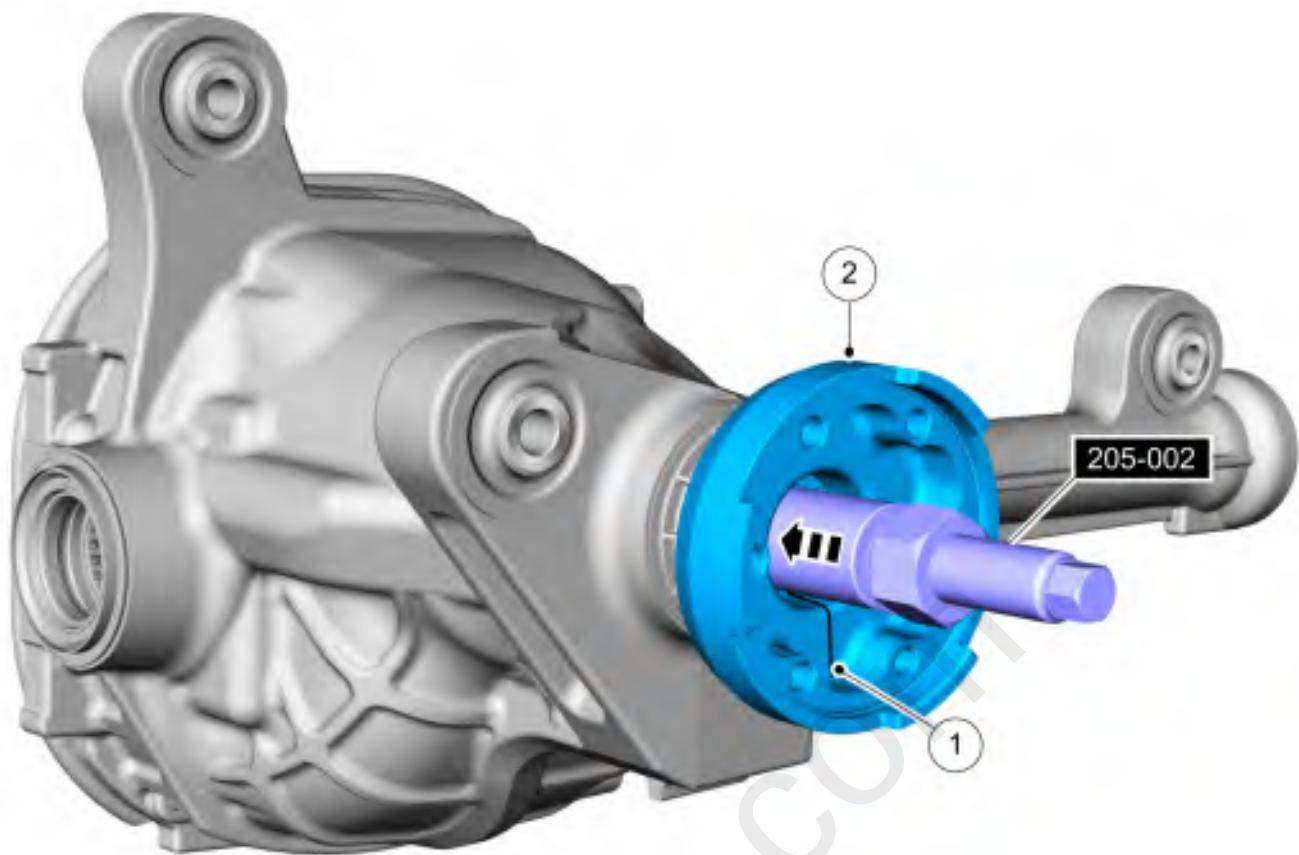
2. Lubricate the pinion seal and pinion splines.

Material: Motorcraft® SAE 75W-85 Premium Synthetic Hypoid Gear Lubricant / XY-75W85-QL (WSS-M2C942-A)



E193391

1. Align the index marks made during removal.
2. Using the special tool, install the pinion flange.
Use Special Service Tool: 205-002 (TOOL-4858-E) Installer, Drive Pinion Flange.

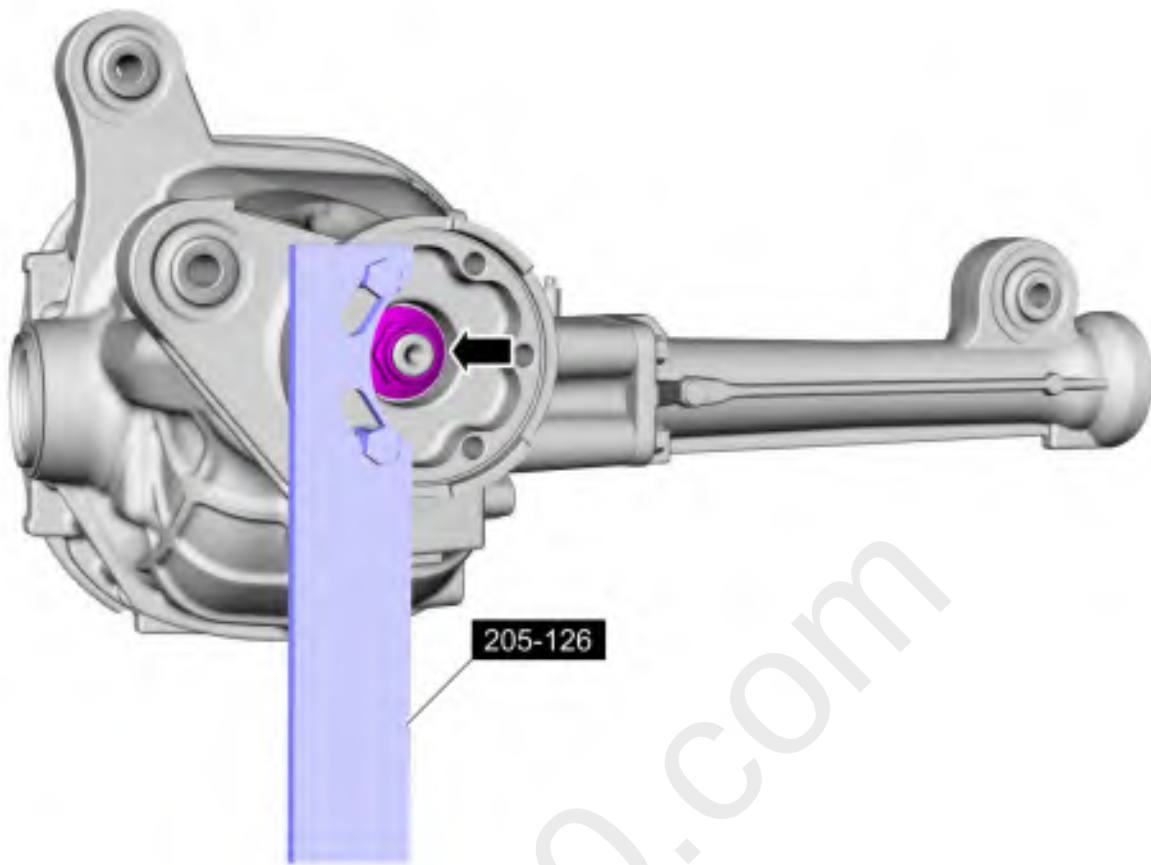


4. **NOTICE:** Do not loosen the pinion nut to reduce drive pinion bearing preload. Install a new drive pinion collapsible spacer and pinion nut if drive pinion bearing preload reduction is necessary. If a new collapsible spacer must be installed for pinion bearing preload reduction, install the nut supplied with the new spacer or damage to the component may occur.

NOTE: Tighten the pinion nut, rotating the pinion occasionally to make sure the drive pinion bearings are seating correctly. Take frequent drive pinion bearing preload readings by rotating the drive pinion gear with a Nm (lb-in) torque wrench. The final reading must be 0.56 Nm (5 lb-in) more than the initial reading taken during removal.

Using the special tool, install the new pinion nut.

Use Special Service Tool: 205-126 (T78P-4851-A) Holding Fixture, Drive Pinion Flange.



5. Check the front differential fluid level.
Refer to: [Differential Fluid Level Check](#) (205-03 Front Drive Axle/Differential, General Procedures).
6. Install the front driveshaft.
Refer to: [Front Driveshaft](#) (205-01 Driveshaft, Removal and Installation).
7. Install the front brake pads.
Refer to: [Brake Pads](#) (206-03 Front Disc Brake, Removal and Installation).