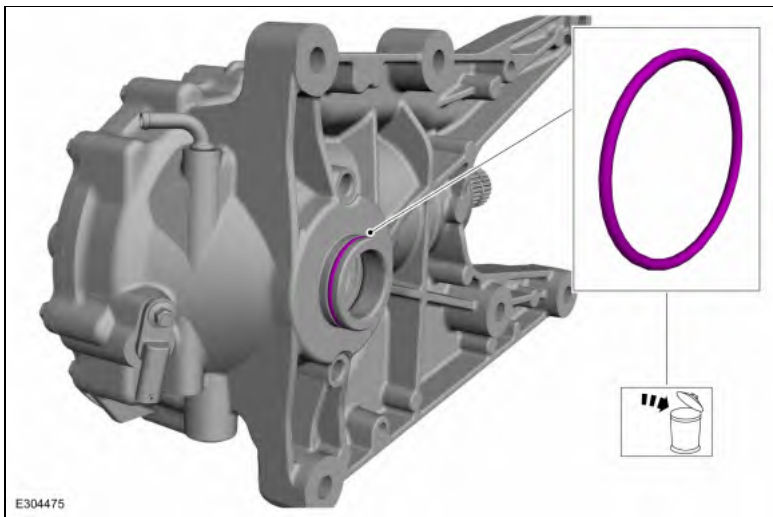
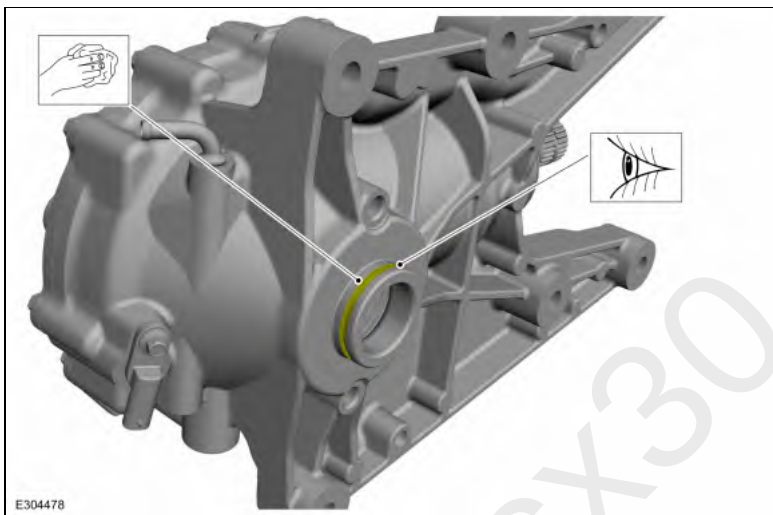




Installation

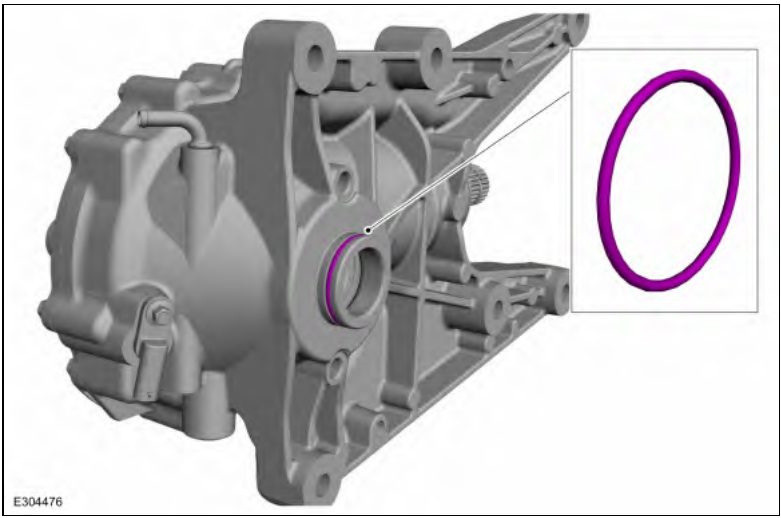
1. **NOTE:** Make sure that the surface is clean and free of foreign material.

Clean and inspect the O-ring mating surface.



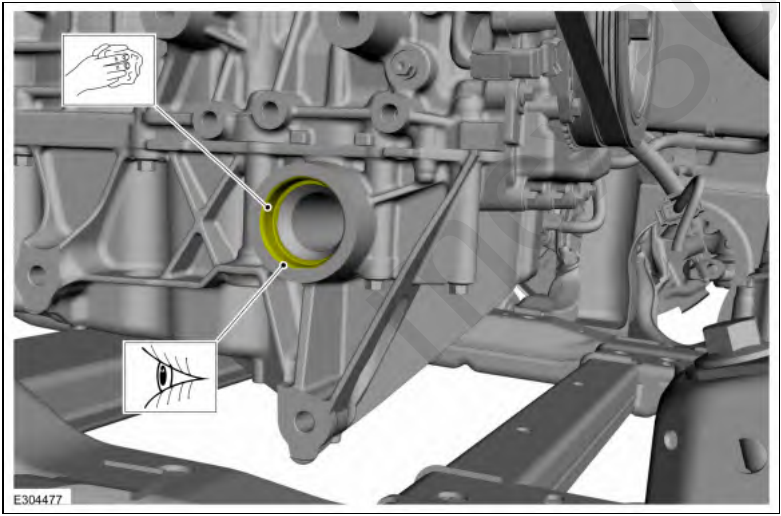
2. **NOTE:** Make sure that a new O-ring seal is installed.

Install a new O-ring.



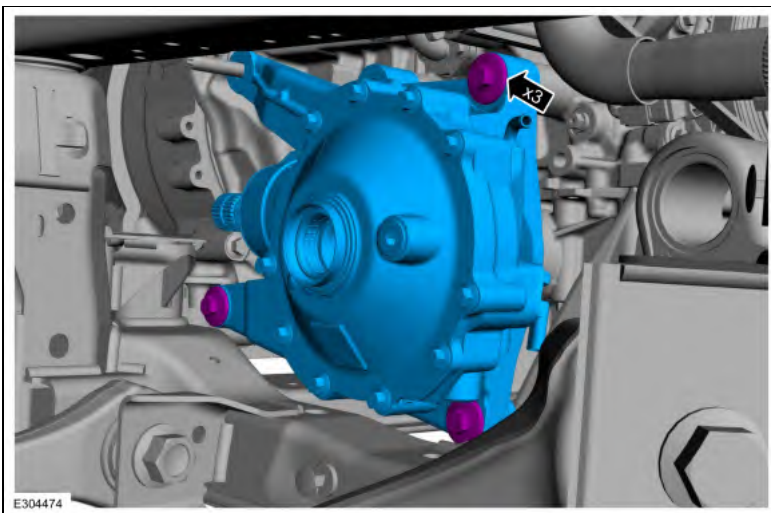
3. **NOTE:** Make sure that the mating surface and the bore is free of corrosion and foreign material, avoid particles getting into the bore.

Clean and inspect the engine oil pan at front axle assembly mating surface.

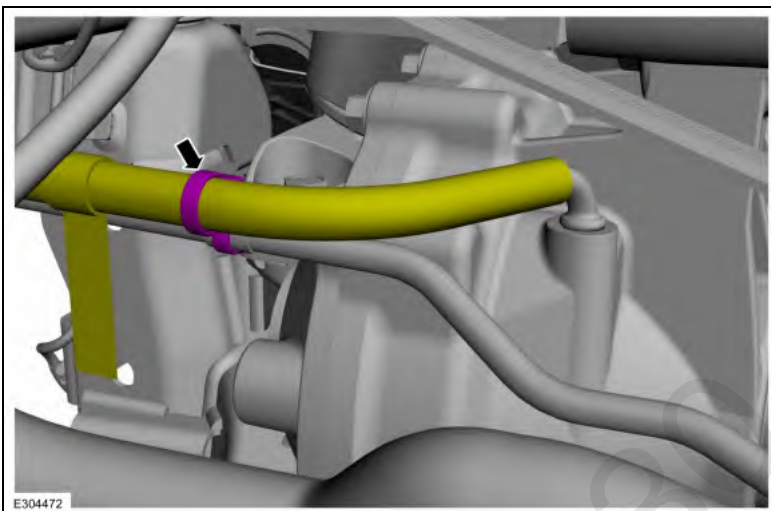


4. **NOTE:** Make sure that new bolts are installed.

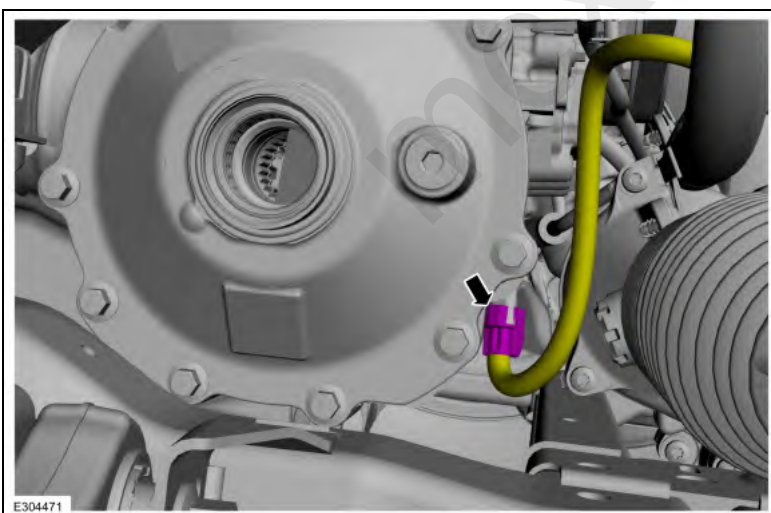
Install the front axle assembly and the new bolts.
Torque: 66 lb.ft (90 Nm)



5. Attach the front axle breather hose and the tie strap.



6. Connect the front drive axle speed sensor electrical connector and position the wiring harness with proper routing.



7. Install the engine mount RH.
 Refer to: Engine Mount RH (303-01A Engine - 2.3L EcoBoost (201kW/273PS), Removal and Installation).
 Refer to: Engine Mount RH (303-01B Engine - 3.0L EcoBoost, Removal and Installation).
 Refer to: Engine Mount RH (303-01C Engine - 3.3L Duratec-V6, Removal and Installation).
 Refer to: Engine Mount RH (303-01D Engine - 3.3L Duratec-V6 "Hybrid (BP)", Removal and Installation).

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

9. Install the front RH halfshaft.
 Refer to: Halfshaft (205-04 Front Drive Halfshafts, Removal and Installation).

10. Fill the front differential with clean fluid.
 Refer to: Differential Draining and Filling (205-03 Front Drive Axle/Differential, General Procedures).

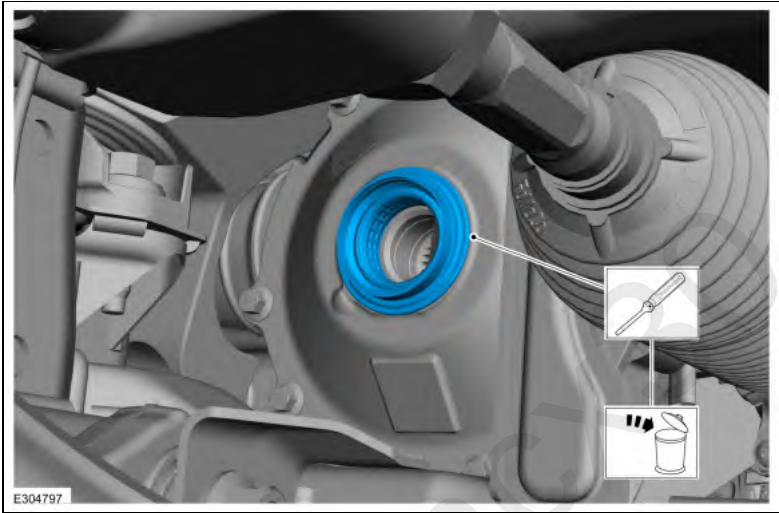
Axle Shaft Seal

Special Tool(s) / General Equipment

 E238658	205-907 Handle, 32 Driver TKIT-2008DH-FLM
 E325492	307-256 (T92P-77000-FH) Installer, Differential Fluid Seal TKIT-1992-FLMH/LMH

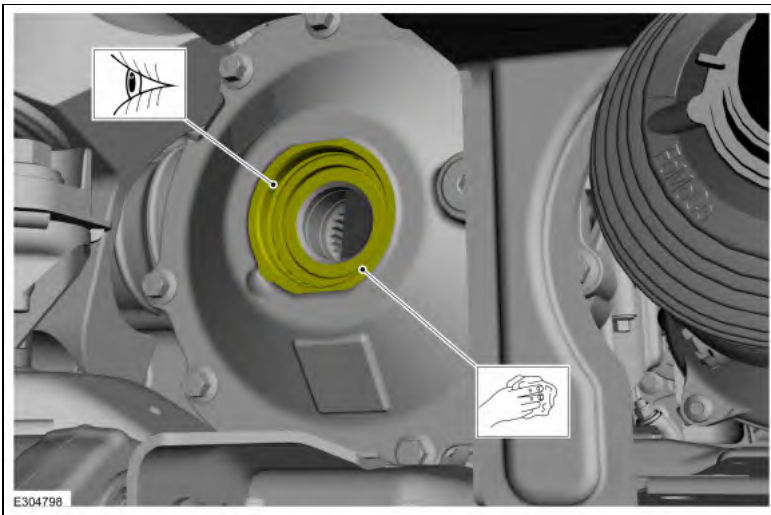
Removal

1. **NOTE:** *The stub shaft seals must be replaced whenever the halfshafts are removed.*
- Remove the front RH halfshaft.
Refer to: Halfshaft (205-04 Front Drive Halfshafts, Removal and Installation).
2. Remove and discard the front RH halfshaft seal.



Installation

1. Inspect the differential housing surface for rust, nicks and scratches. Polish the differential housing surface with fine crocus cloth, if necessary.

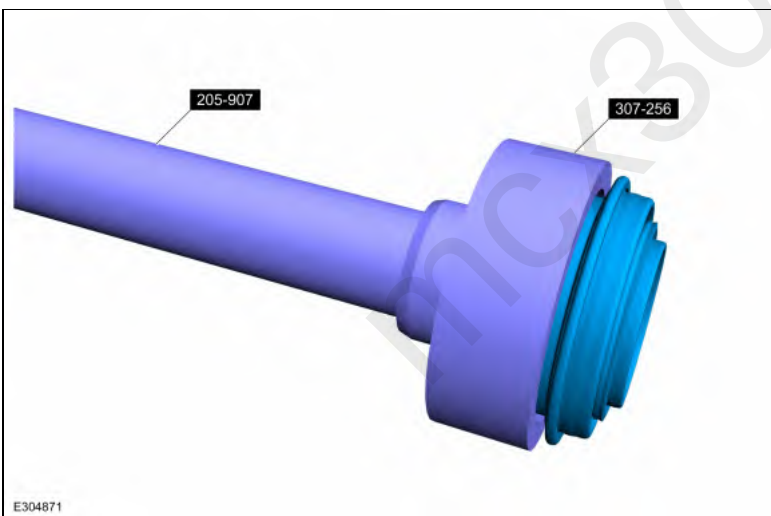


2. **NOTE:** Installation of the halfshaft oil seal without the correct tools can result in early seal failure.

NOTE: Do not disassemble the new oil seal.

Install the new seal onto a suitable special tool.

Use Special Service Tool: 307-256 (T92P-77000-FH) Installer, Differential Fluid Seal , 205-907 Handle, 32 Driver.



3. **NOTICE:** Strike only the handle. Directly striking the installer tool will damage the seal.

NOTE: Carefully align the halfshaft seal with the housing bore and ensure the seal should flush in the differential housing.

Using special tools, install the new front RH halfshaft seal.

Use Special Service Tool: 307-256 (T92P-77000-FH) Installer, Differential Fluid Seal , 205-907 Handle, 32 Driver.