

Axle Shaft

Removal

NOTICE: When removing axle shafts and the vehicle is on the ground surface the tires need to be chocked or the parking brake needs to be set.

NOTE: The wheels and tires do not have to be removed in order to remove the axle shafts.

NOTE: Removal steps in this procedure may contain installation details.

1. **NOTE:** Torque the axle shaft bolts in a cross pattern.

Remove and discard the axle shaft bolts.

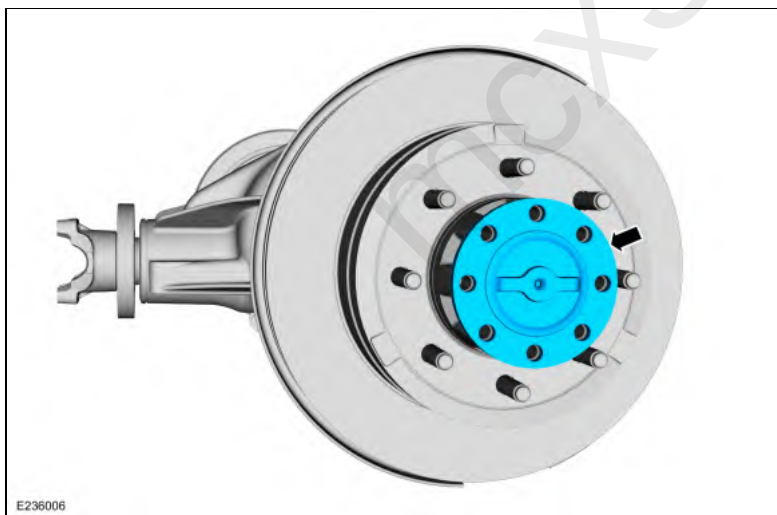
Torque:

Stage 1: 37 lb.ft (50 Nm)

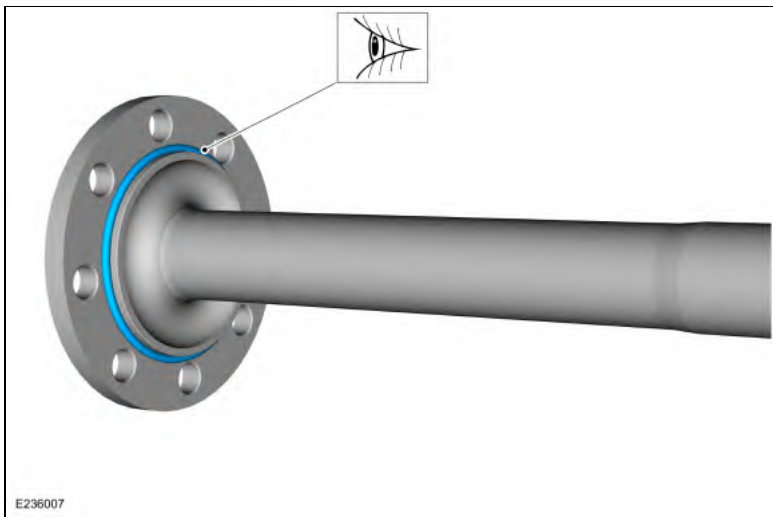
Stage 2: 90°



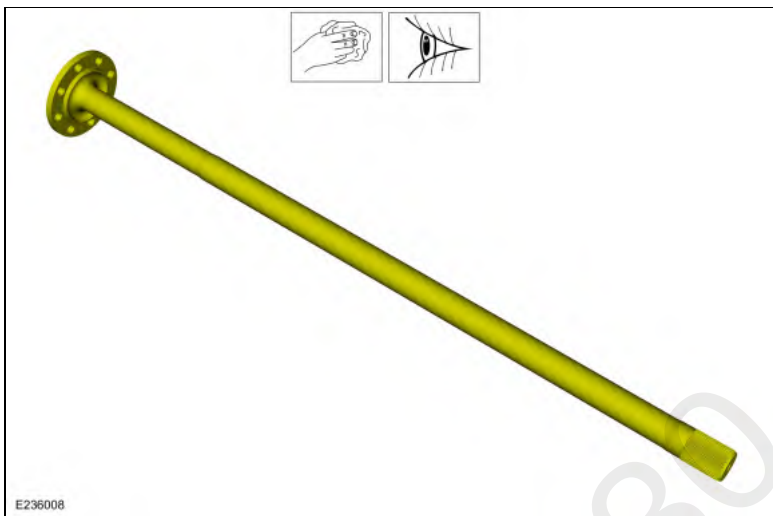
2. Remove the axle shaft.



3. Remove and inspect the O-ring for damage. Replace if necessary.



4. Clean and inspect the axle shaft. Replace if necessary.



5. Clean and inspect the hub-to-axle shaft mating surface.



Installation

1. To install, reverse the removal procedure.
2. Check and top off the differential fluid.
Refer to: Differential Fluid Level Check (205-02D Rear Drive Axle/Differential - Vehicles With: Ford 10.5 Inch Ring Gear, General Procedures).

