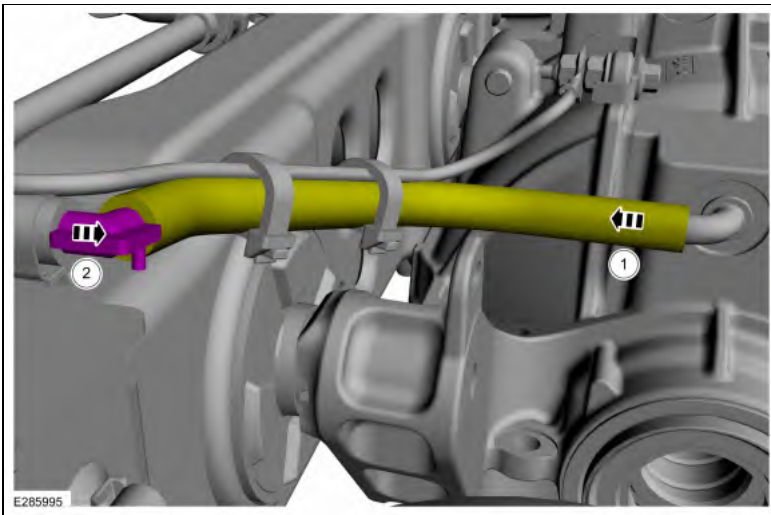
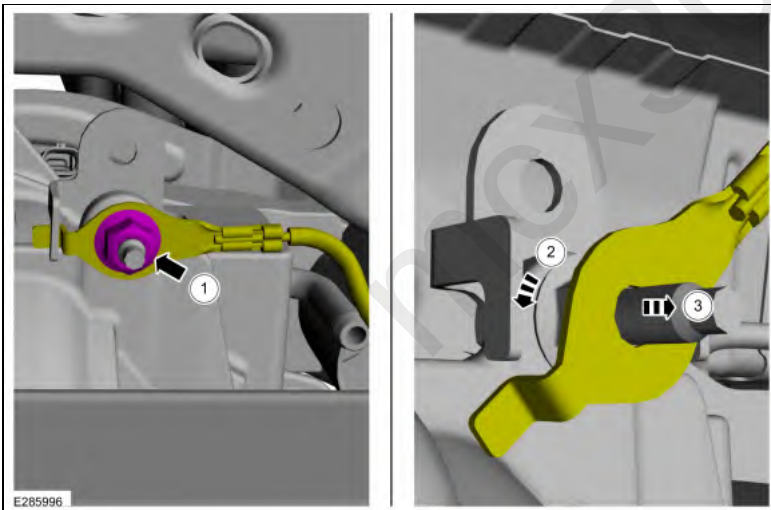


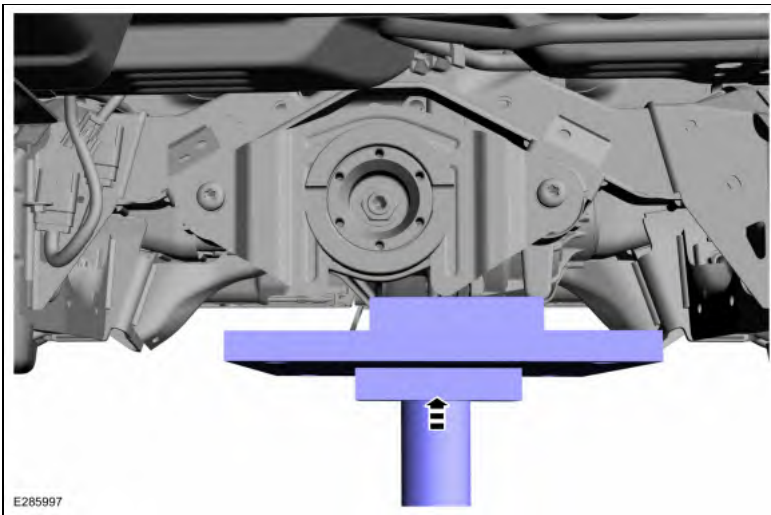


7. **NOTE:** Re-attach the ground cable after servicing the RDU.

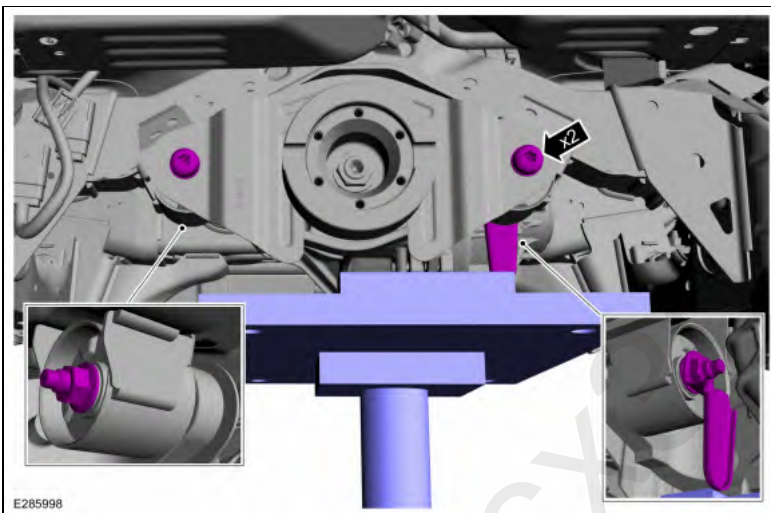
1. Remove the ground cable nut.
Torque: 106 lb.in (12 Nm)
2. Turn the ground cable.
3. Remove the ground cable.



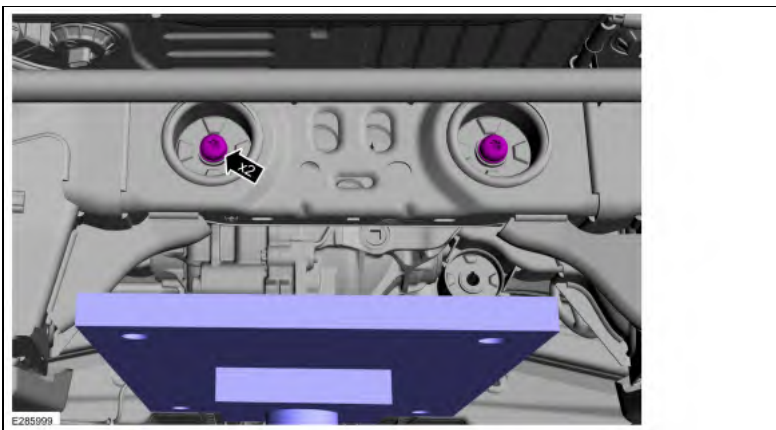
8. Position a transmission jack and wooden block to secure the RDU.
Use the General Equipment: Transmission Jack
Use the General Equipment: Wooden Block



9. Remove the front RDU mounting bolts and nuts.
 Use the General Equipment: Transmission Jack
 Use the General Equipment: Wooden Block
Torque: 66 lb.ft (90 Nm)

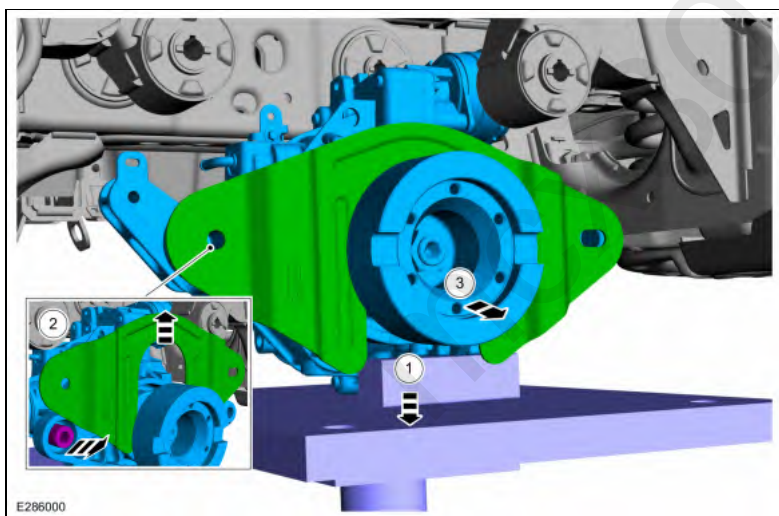


10. Remove the rear RDU mounting bolts.
Torque: 66 lb.ft (90 Nm)



11.

1. Lower the transmission jack.
2. Remove the rear axle arm protection shield and spacer.
3. Remove the rear axle assembly.



Installation

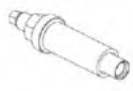
1. To install, reverse the removal procedure.
2. Check the differential fluid level.
Refer to: Differential Fluid Level Check (205-02 Rear Drive Axle/Differential, General Procedures).
3. **NOTICE:** If replacing the axle assembly, the AWD control module will need to be reconfigured with the new RDU bar code information. If the new bar code information does not match the existing AWD control module information, driveline damage or driveability concerns can occur.

NOTE: Using the diagnostic scan tool, carry out the rear drive unit calibration routine.

NOTE: The 16/17 -digit alpha numeric bar code is located on the label attached to the RDU. Using the scan tool, configure RDU bar code to AWD module through the OBD port.

Drive Pinion Flange

Special Tool(s) / General Equipment

 E232132	205-126 (T78P-4851-A) Holding Fixture, Drive Pinion Flange
	205-495 Installer, Transmission Output Shaft Flange
Transmission Jack	
Flat-Bladed Screwdriver	
Two Leg Puller	
Wooden Block	

Materials

Name	Specification
Motorcraft® Premium Long-Life Grease XG-1-E1	ESA-M1C75-B

Removal

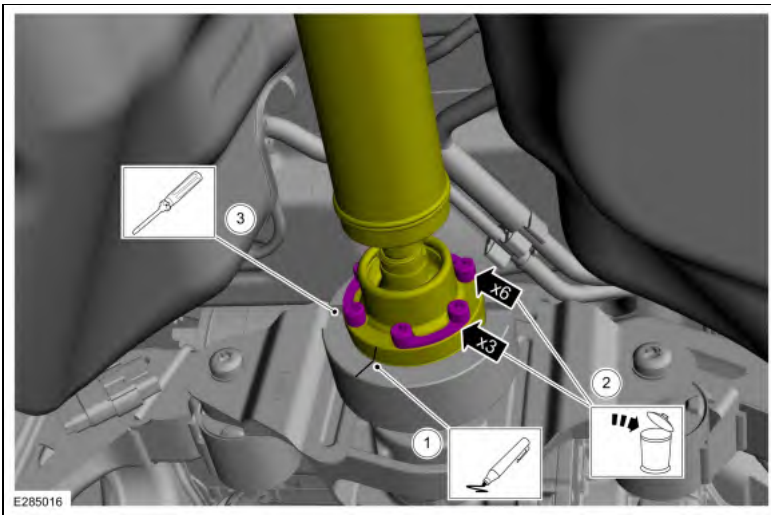
All vehicles

1. Remove the muffler and tail pipe.
Refer to: Muffler and Tailpipe (309-00A Exhaust System - 2.0L EcoBoost (184kW/250PS) & MI4, Removal and Installation).
Refer to: Muffler and Tailpipe (309-00B Exhaust System - 2.7L EcoBoost (238kW/324PS), Removal and Installation).
2.
 1. Index mark the driveshaft and the RDU flange for reference during installation.
 2. Remove and discard the driveshaft to RDU pinion flange bolts and retaining straps.
3. **NOTE:** Do not remove driveshaft from the pinion flange by pulling on the driveshaft tube. Damage to the CV joint can result.

NOTE: The driveshaft to drive pinion flange is a tight fit and will not come apart until the center bearing is lowered.

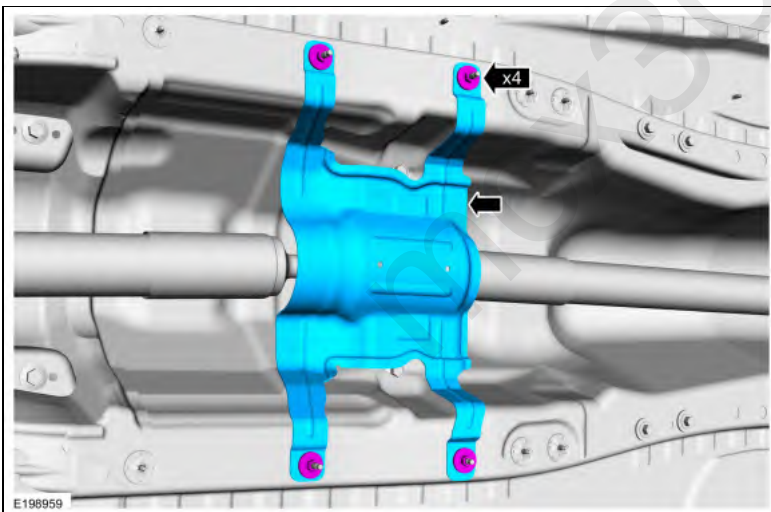
Using a general equipment, separate the driveshaft from the drive pinion flange.

Use the General Equipment: Flat-Bladed Screwdriver



Vehicle equipped with 2.0L EcoBoost Engine

3. Remove the retainers and the center bearing heat shield.



4. **NOTE:** Do not allow the driveshaft to hang. Secure the driveshaft so the CV does not over articulate.

Separate the driveshaft from the drive pinion flange.

1. Remove and discard the rear center bearing bolts.
2. Position the driveshaft aside.