

Axle Assembly

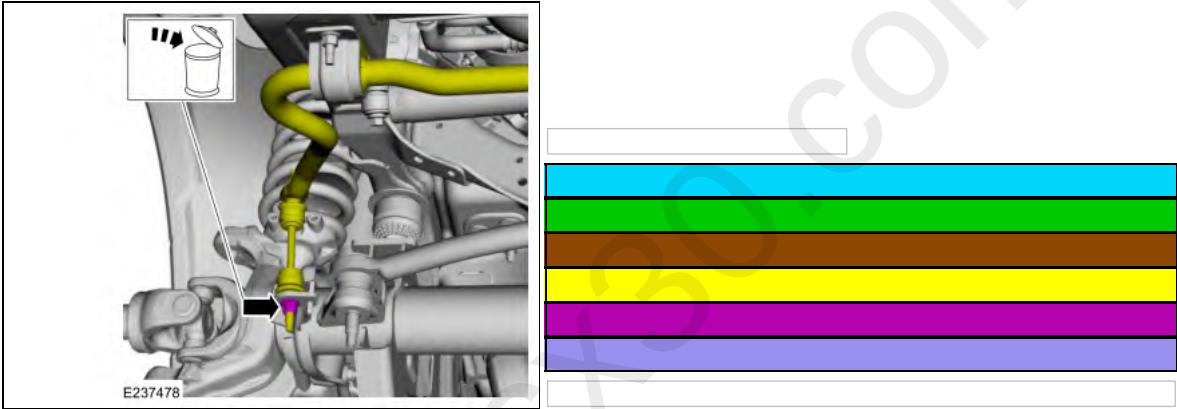
Special Tool(s) / General Equipment

 E216592	211-003 (T64P-3590-F) Remover, Steering Arm
 ST1293-A	300-OTC1585AE Powertrain Lift

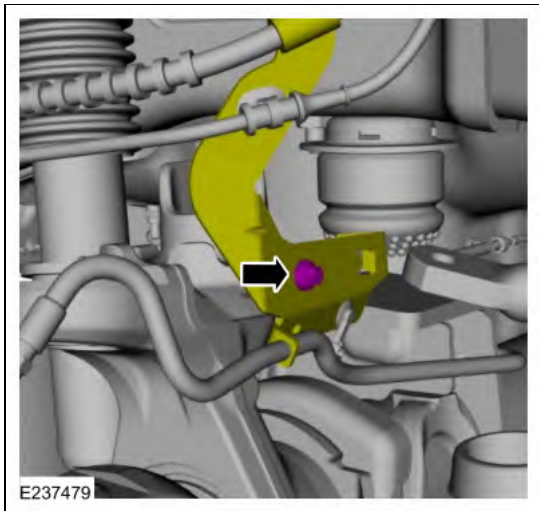
Removal

NOTE: The removal steps may contain installation instructions.

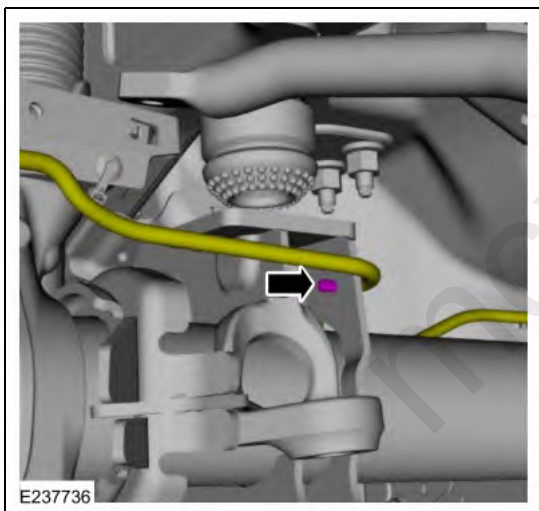
1. Remove the wheel knuckles.
Refer to: Wheel Knuckle (204-01B Front Suspension - 4WD, Removal and Installation).
2. On both sides.
Remove and discard the stabilizer bar link bolts.
Torque: 59 lb.ft (80 Nm)



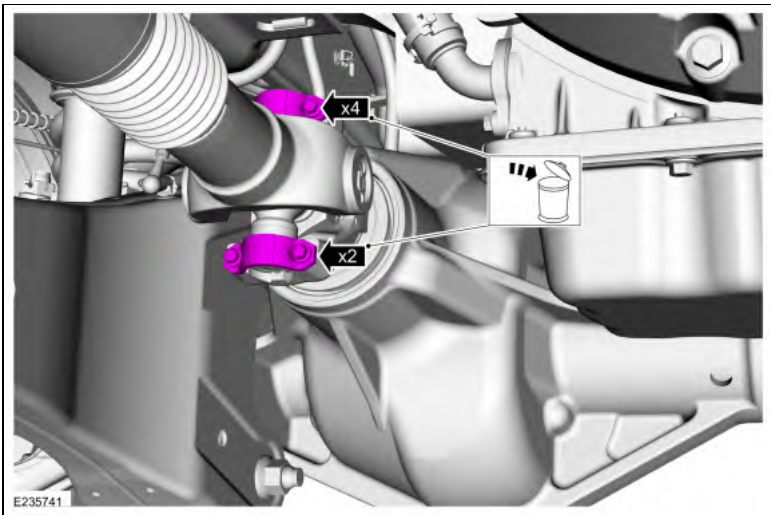
3. On both sides.
Remove the brake hose bracket bolts and position the brake hose brackets aside.
Torque: 159 lb.in (18 Nm)



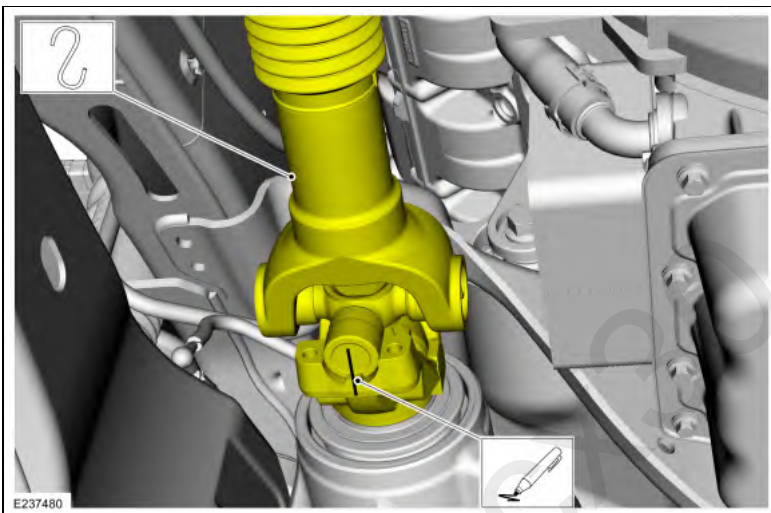
4. Position aside the hublock vacuum hose.



5. Remove and discard the front driveshaft U-joint to pinion flange retaining strap bolts and retaining straps.
Torque: 26 lb.ft (35 Nm)

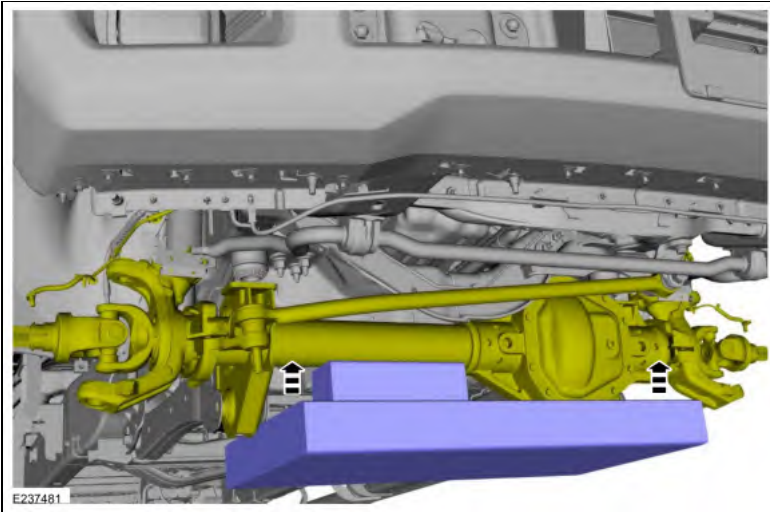


6. Index-mark the front driveshaft U-joint to the pinion flange. Position aside and support the front driveshaft.

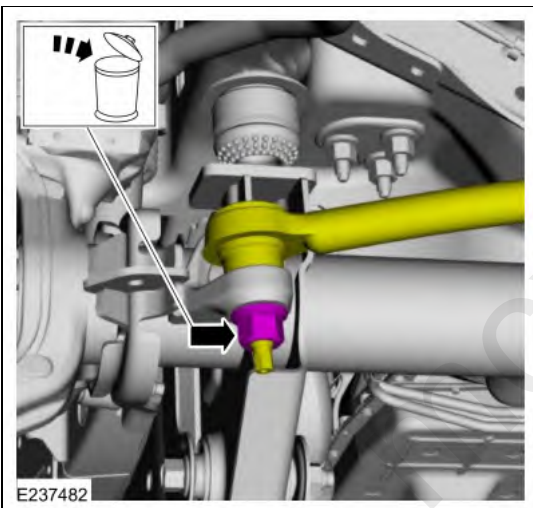


7. **NOTE:** It is necessary to load the suspension to remove the trackbar. Load the springs by allowing most of the front vehicle weight to rest on the axle.

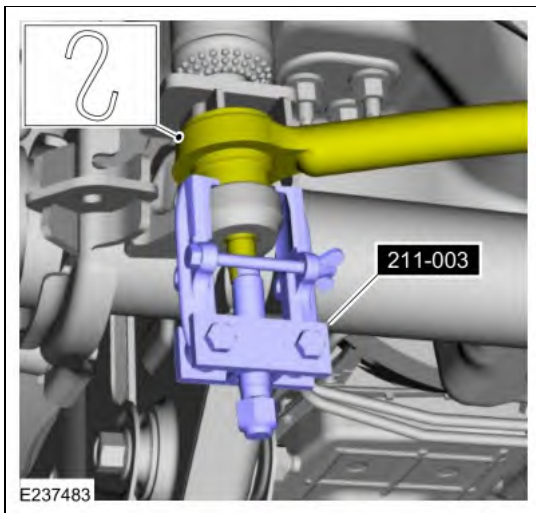
Using the special tool, support and raise the axle enough to relieve the tension on the trackbar.
Use Special Service Tool: 300-OTC1585AE Powertrain Lift.



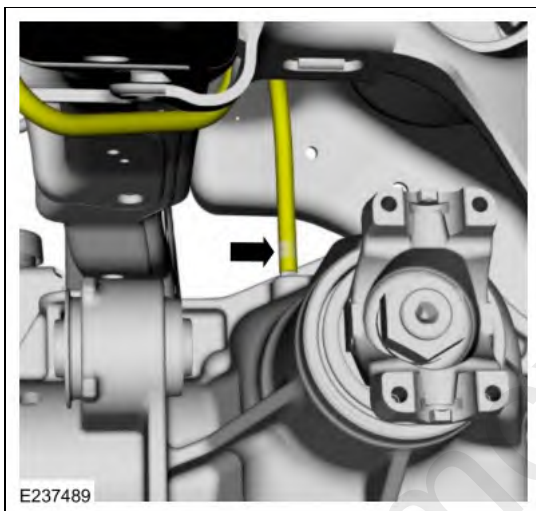
8. Remove and discard the trackbar ball joint nut.



9. Using the special tool, disconnect the trackbar at the axle. Position aside and support the trackbar.
Use Special Service Tool: 211-003 (T64P-3590-F) Remover, Steering Arm.



10. Disconnect the front differential breather hose and position aside.

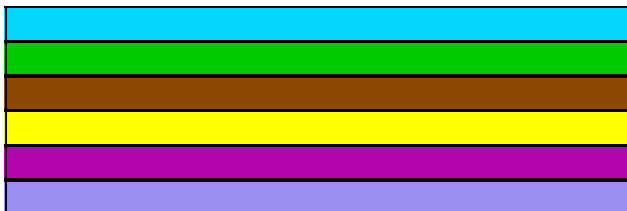
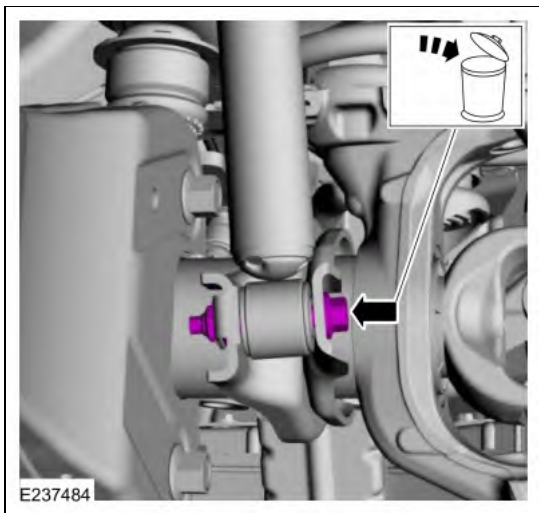


11. **WARNING: Do not apply heat or flame to the shock absorber or strut tube. The shock absorber and strut tube are gas pressurized and could explode if heated. Failure to follow this instruction may result in serious personal injury.**

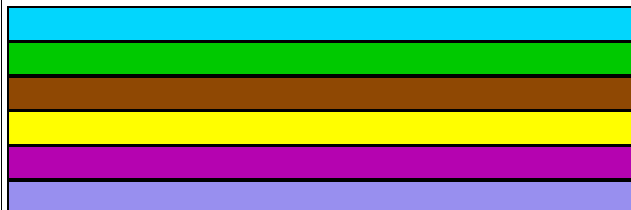
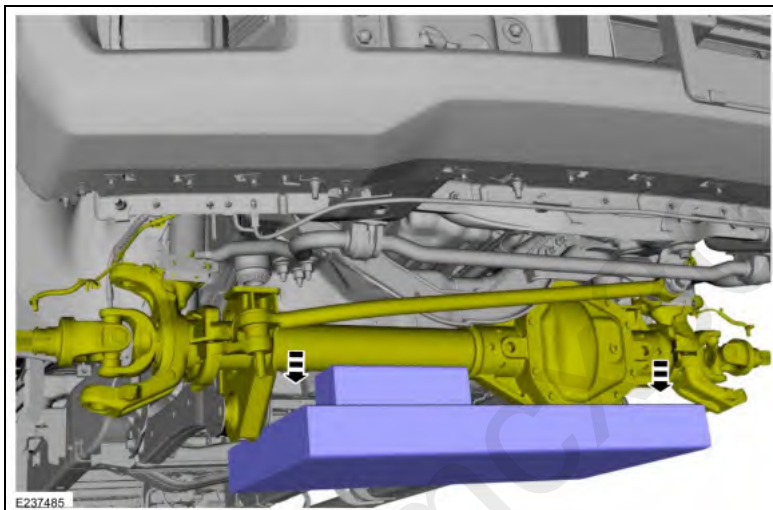
On both sides.

Remove and discard the lower shock bolts.

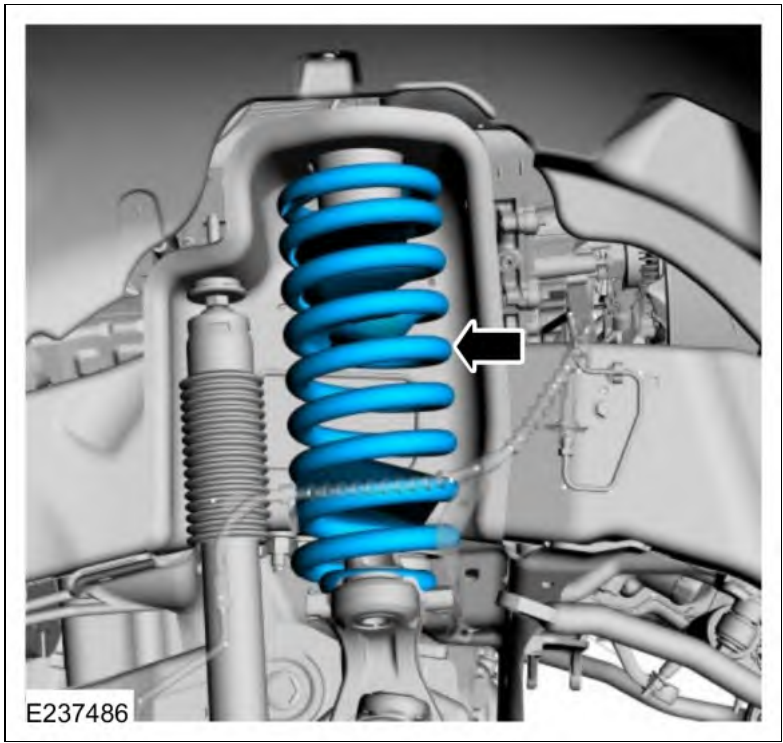
Torque: 111 lb.ft (150 Nm)



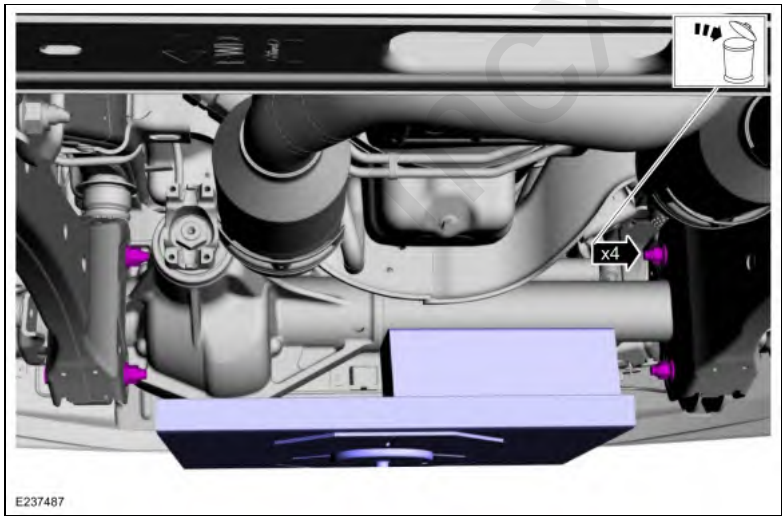
12. Lower the axle.



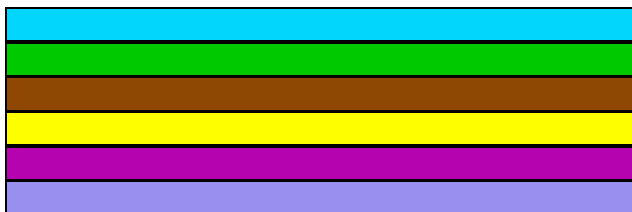
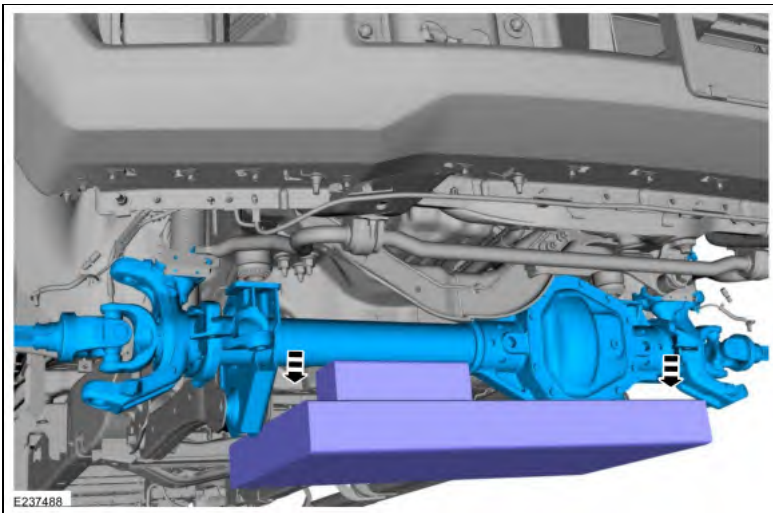
13. On both sides.
Remove the front coil springs.



14. Remove and discard the trailing arm bolts.
Torque: 240 lb.ft (325 Nm)



15. Lower the axle from the vehicle.



Installation

1. To install, reverse the removal procedure.
2. Check the front differential fluid level.
Refer to: Differential Fluid Level Check (205-03 Front Drive Axle/Differential, General Procedures).

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