

# Tie Rod, Outer, LH (Remove and Replace)

Labor Code: 101010010

**Important:**

This manual is written for professional automotive technicians who have received high voltage training. It is the technician's responsibility to make sure that the vehicle is safe to work on before beginning inspections or repairs, and to perform all work in a safe manner and in a safe work environment. Refer to the [Introduction](#) section for additional important information.

**Non-Reusable Component(s):**

Part Number	Quantity
SC00023721-A	1

**Torque Specifications:**

Step Number	Torque (Nm)
<a href="#">2</a>	80
<a href="#">3.c</a>	190

Before performing this procedure, or if damage to the steering system is suspected, refer to: [Steering System Inspection and Replacement](#).

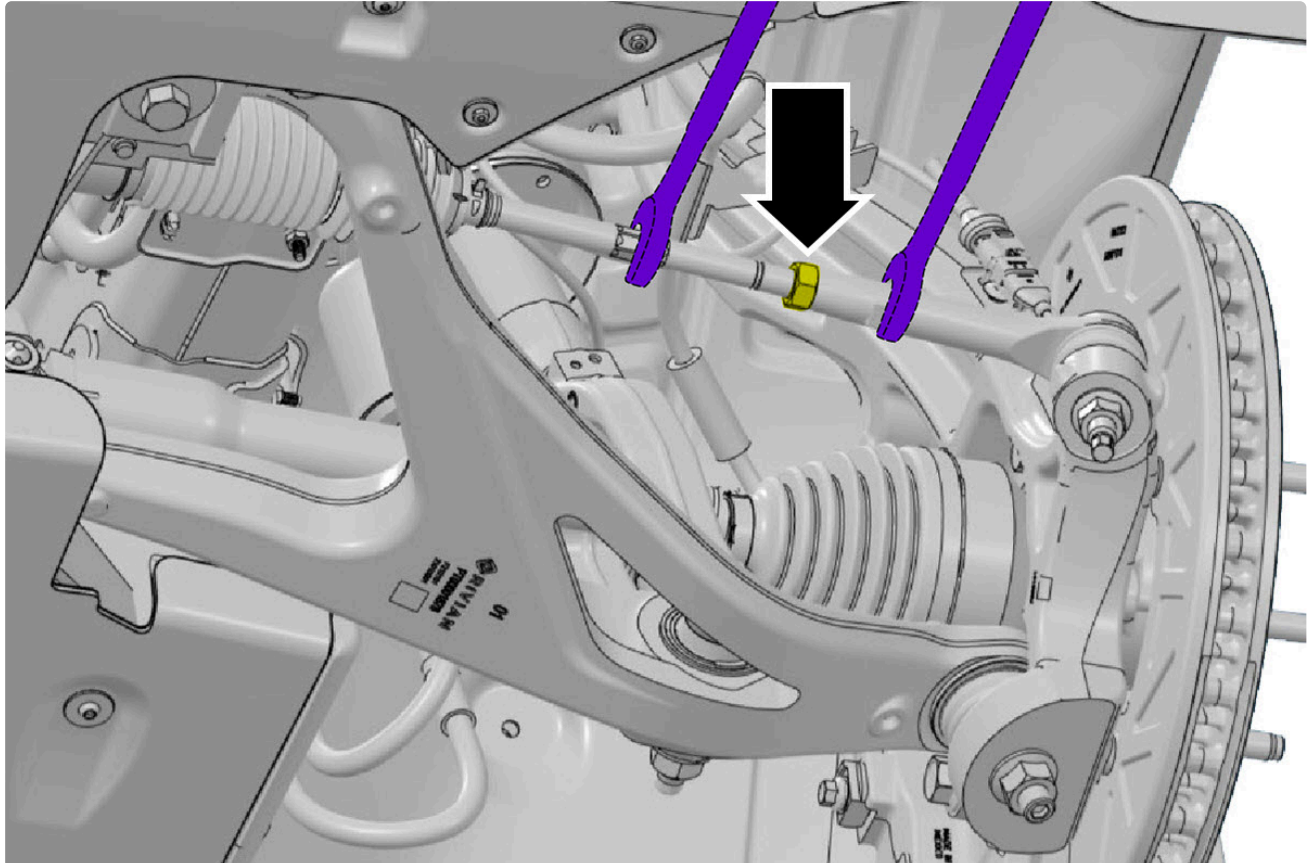
## Removal

1. Remove: [Wheel and Tire Assembly, Front, LH \(Remove and Reinstall\)](#).

2.

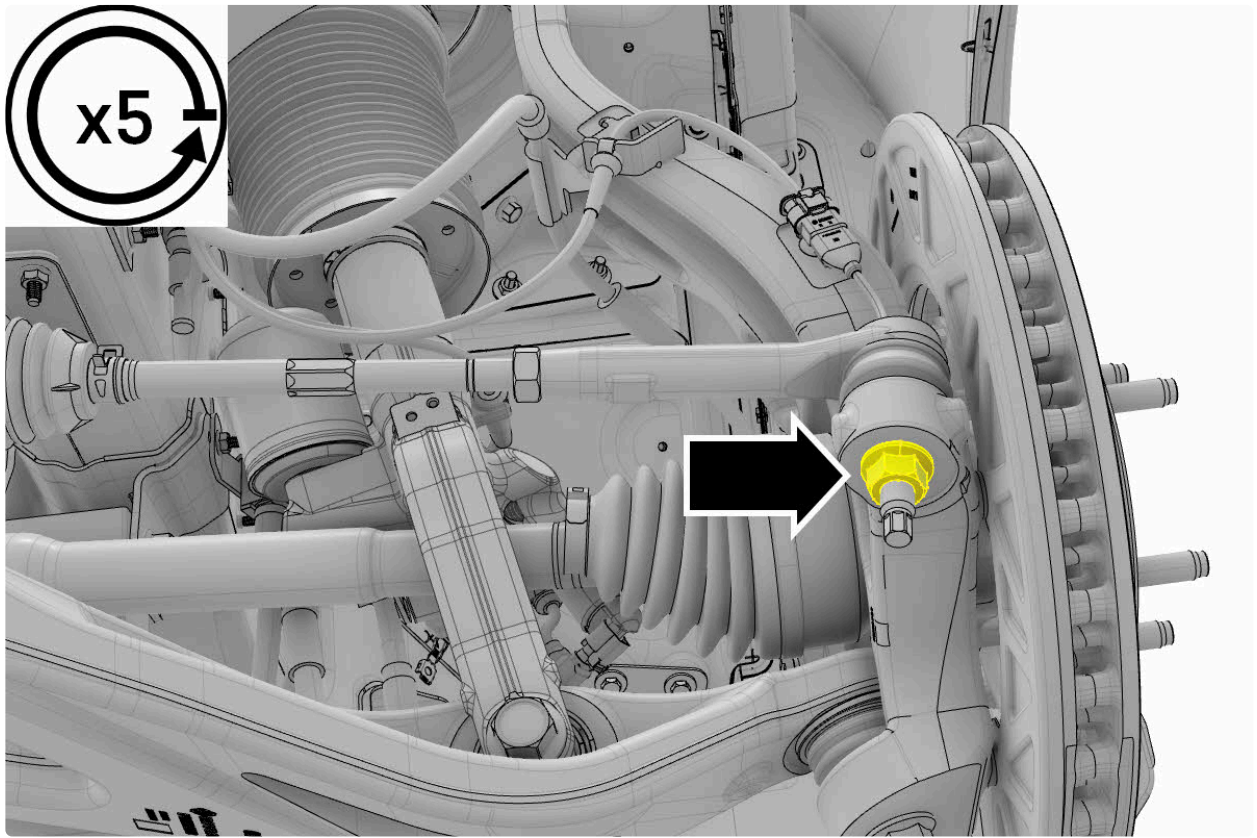
**CAUTION:**

When loosening or tightening the nut, use an open-end wrench to hold the tie rod in 1 of the locations shown.



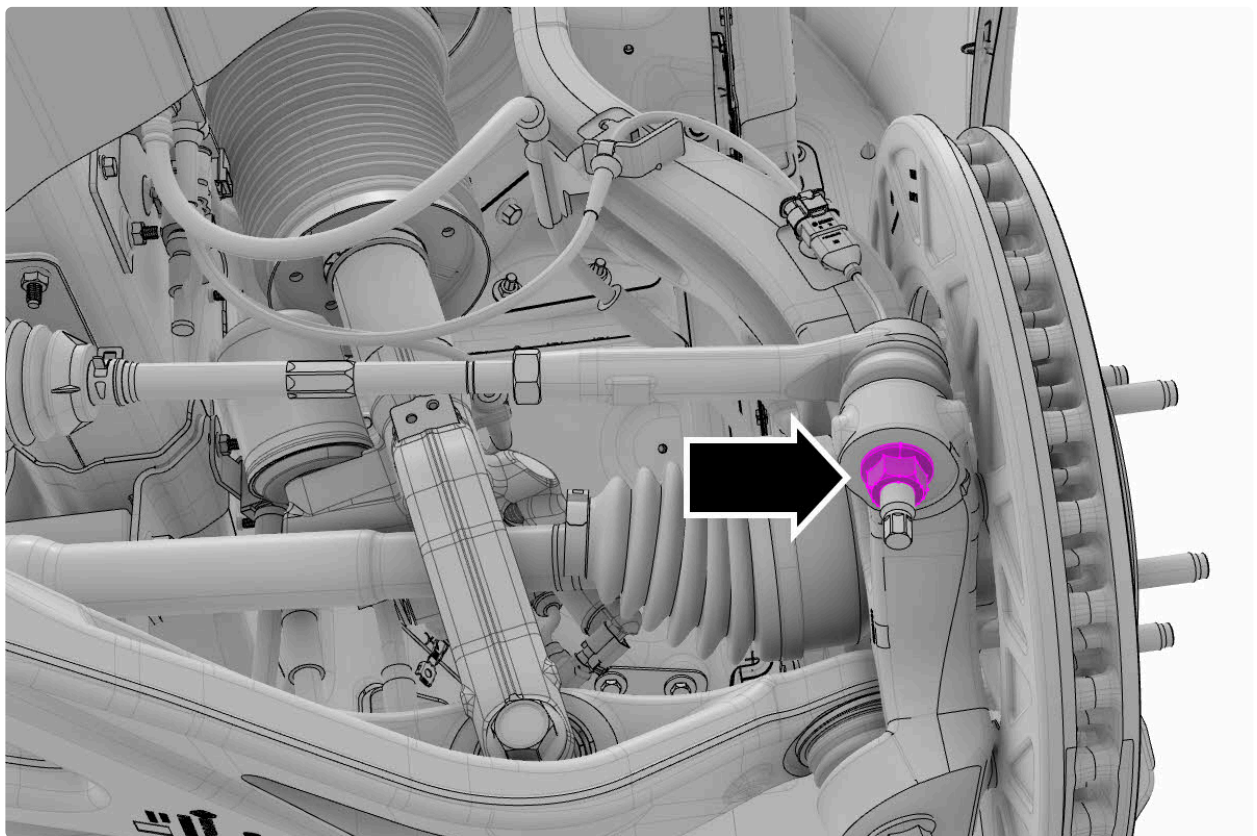
Torque: 80 Nm

3. a.



b. Using the ball joint separator: Separate the components.

c.

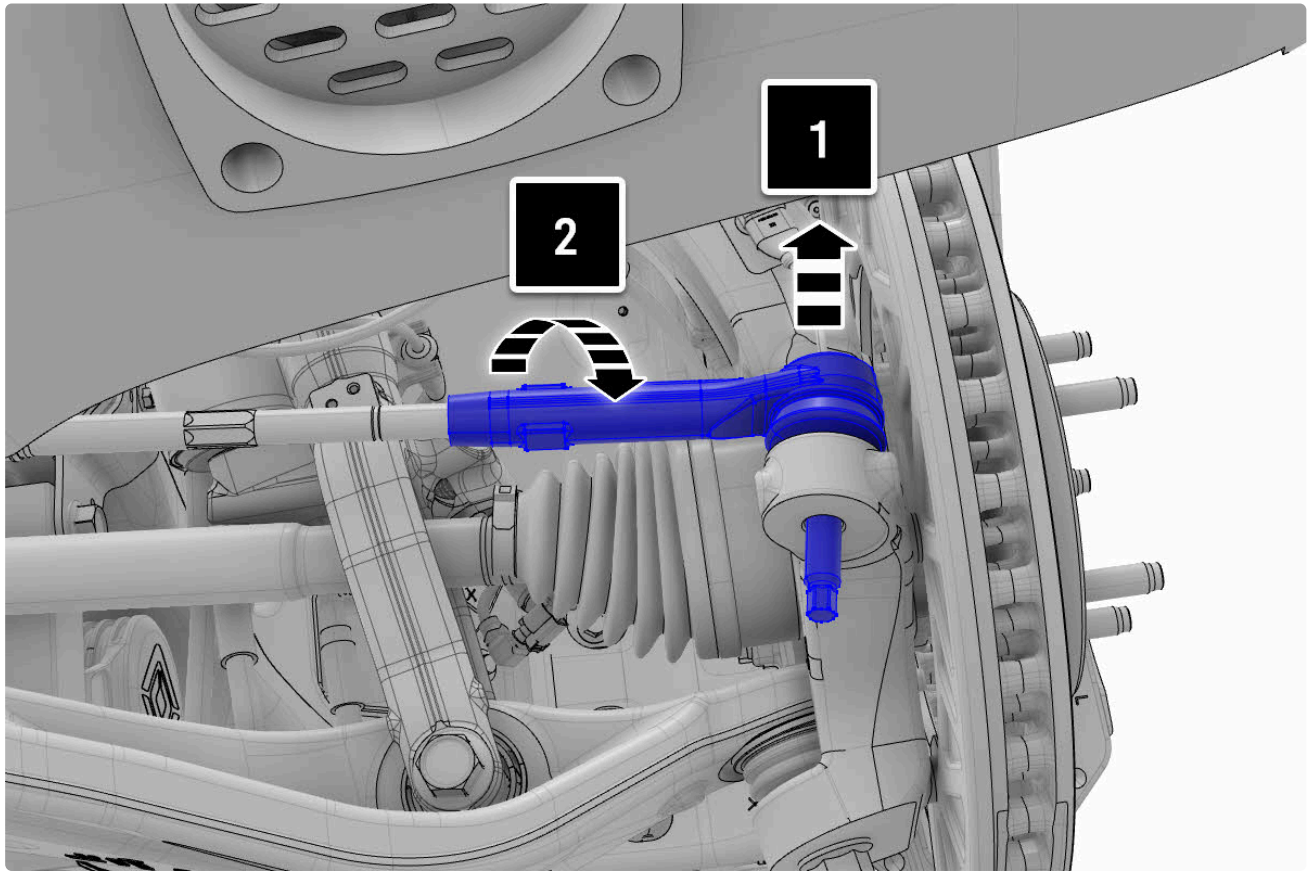


**CAUTION:**  
Non-reusable fastener(s).

Torque: 190 Nm

4. Mark the position of the component.

5.

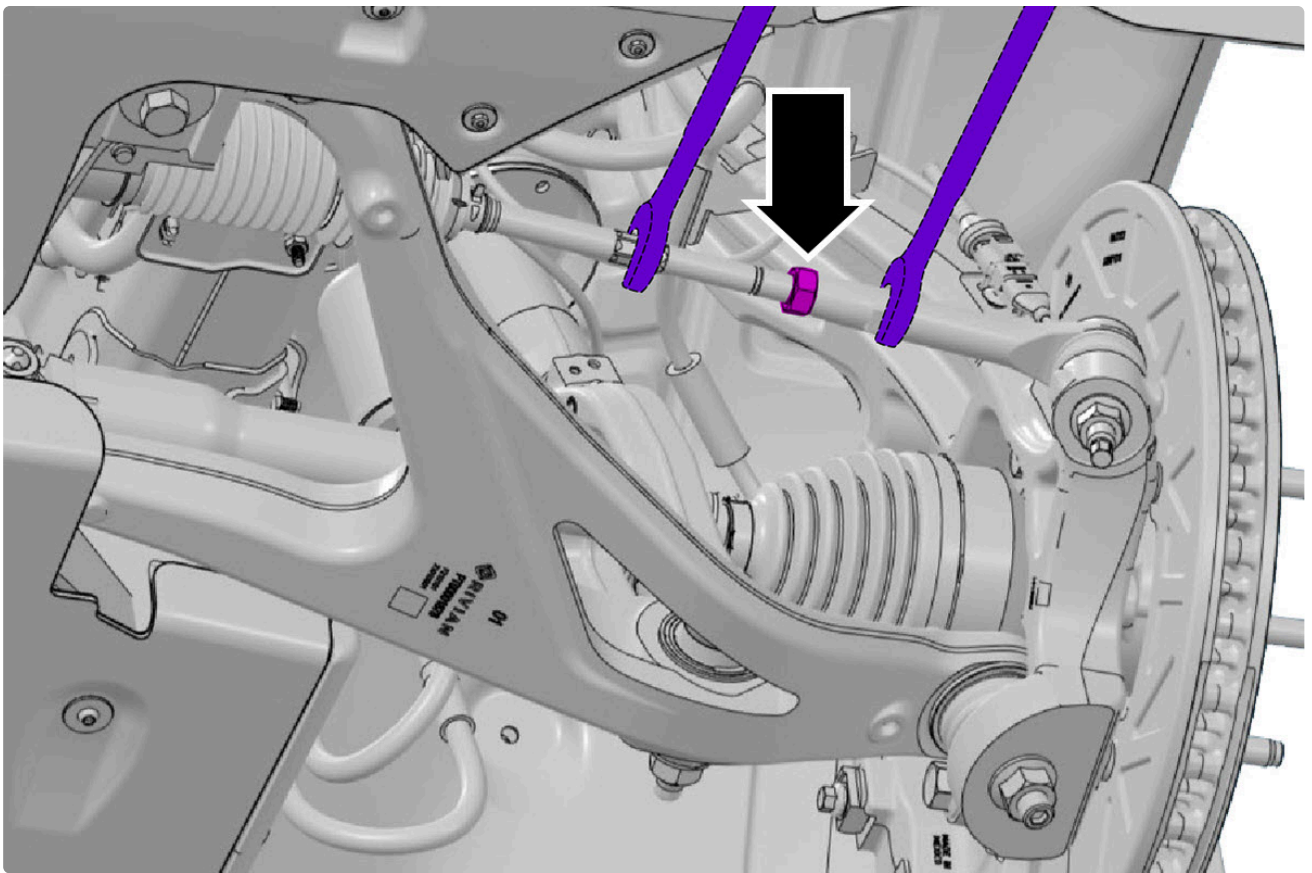


## Installation

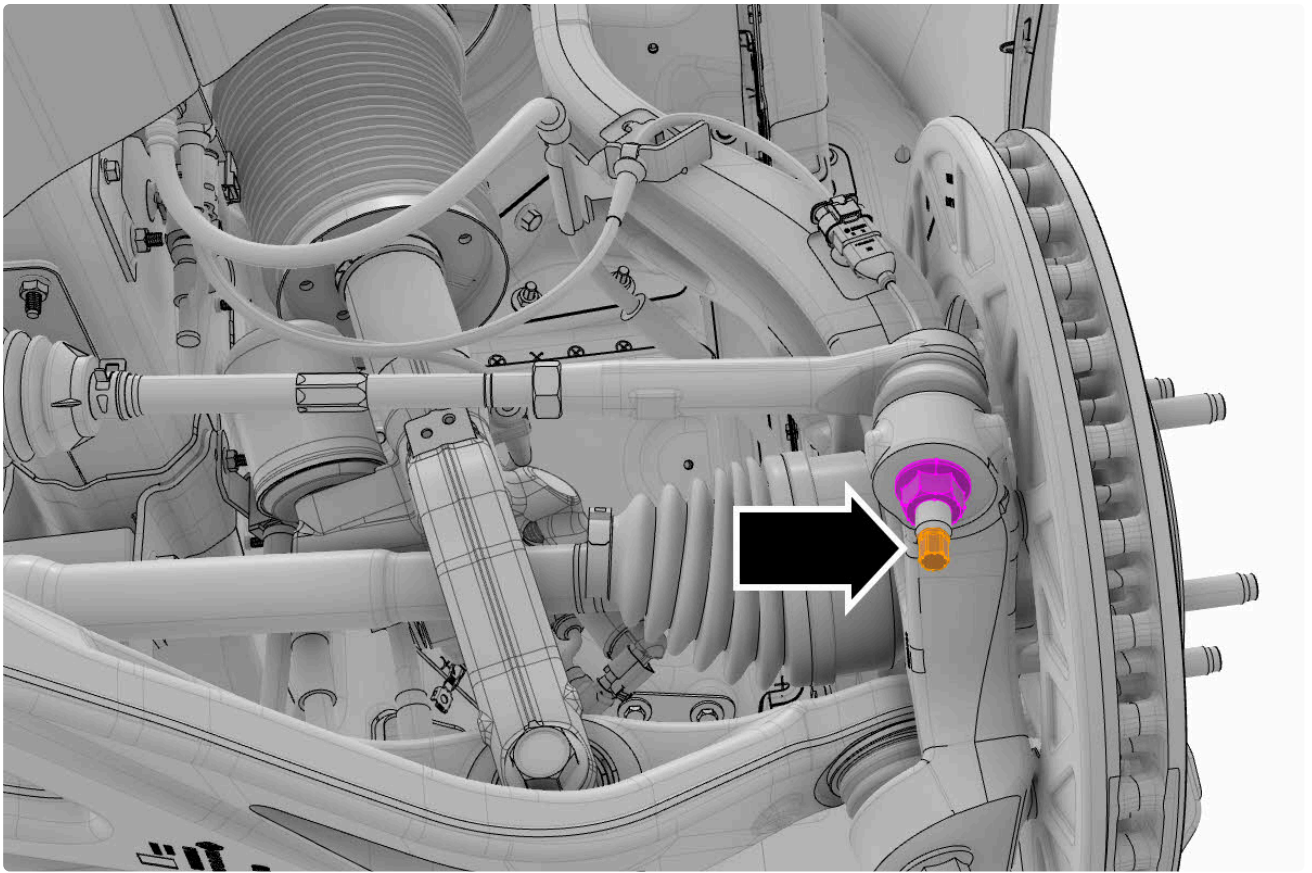
Installation is the reverse of removal, except for the following:

- Align the component(s) to the position that was marked earlier.

- **CAUTION:**  
When loosening or tightening the nut, use an open-end wrench to hold the tie rod in 1 of the locations shown.



- **CAUTION:**  
When using a torque wrench with an offset socket, rotate the offset socket to exactly 90° from the body of the torque wrench. Other angles will cause an inaccurate torque measurement.
- **CAUTION:**  
Replace all non-reusable components.
- Use a wrench to hold the highlighted area while installing the fastener.



- Perform: [Alignment, Four Wheel, Check.](#)