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2020.0 DEFENDER (LE), 211-03

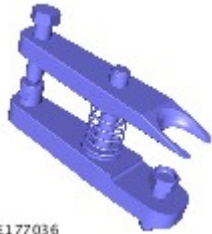
STEERING LINKAGE

TIE ROD END (G1988348)

mcx30.com

REMOVAL AND INSTALLATION

SPECIAL TOOL(S)



E177036

JLR-204-793A

Ball Joint Splitter

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 2	Tie-rod end nut	1

REMOVAL

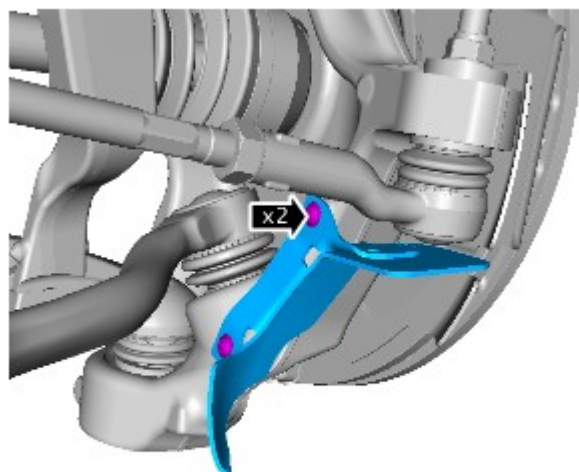


NOTES:

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

1. Raise and support the vehicle on a suitable 2 post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
2. Remove the front wheel and tire.
Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

3.



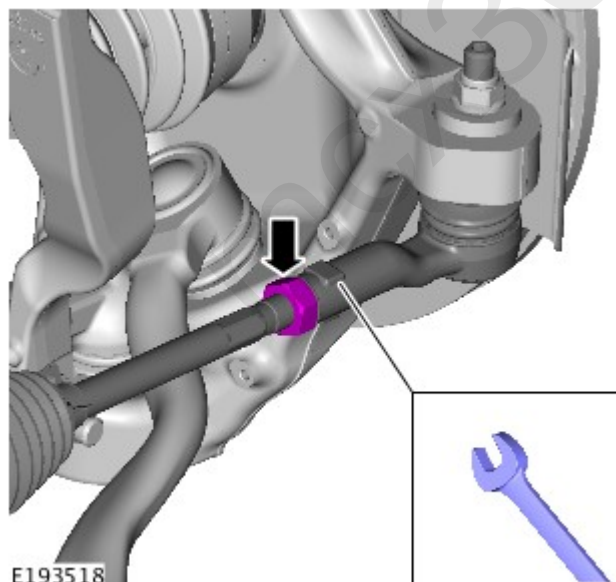
E193486

Remove the component.

4.

⚠ CAUTION:

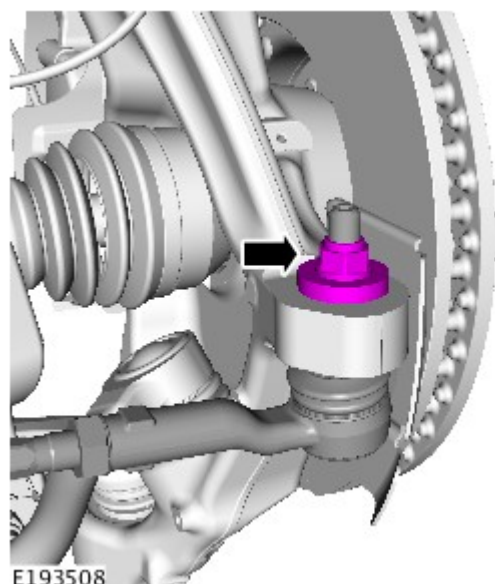
To prevent damage to the tie-rods, use an additional wrench when loosening or tightening the components.



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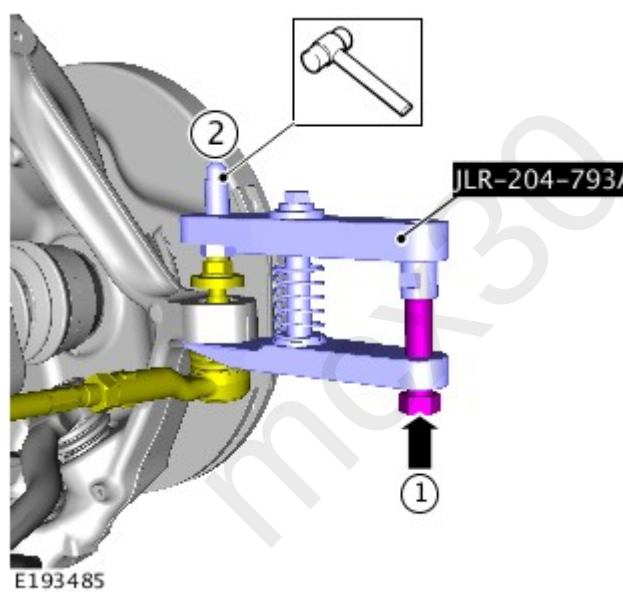
Loosen the tie-rod end locking nut.

5.



Loosen the tie-rod end ball joint retaining nut.

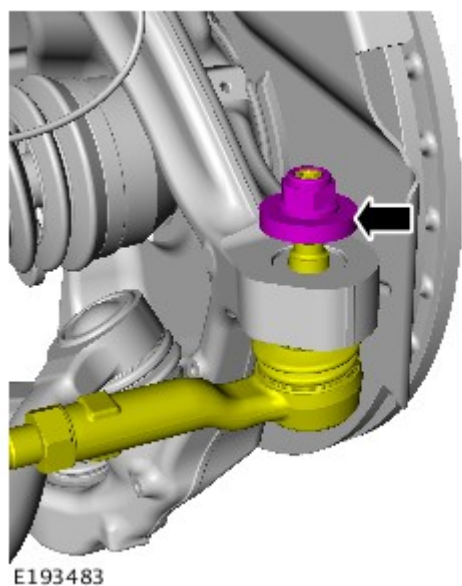
6.



Use the special tool to release the tie-rod end from the wheel knuckle.

Special Tool(s): [JLR-204-793A](#)

7.

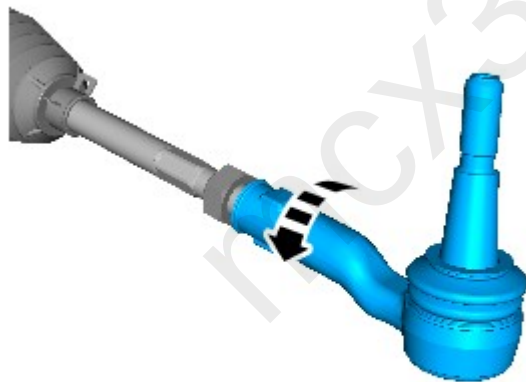


Remove and discard the tie-rod end retaining nut.

8.

 NOTE:

To aid installation, count the number of rotations taken to remove the tie-rod end.



Remove the tie-rod end.

INSTALLATION

1.

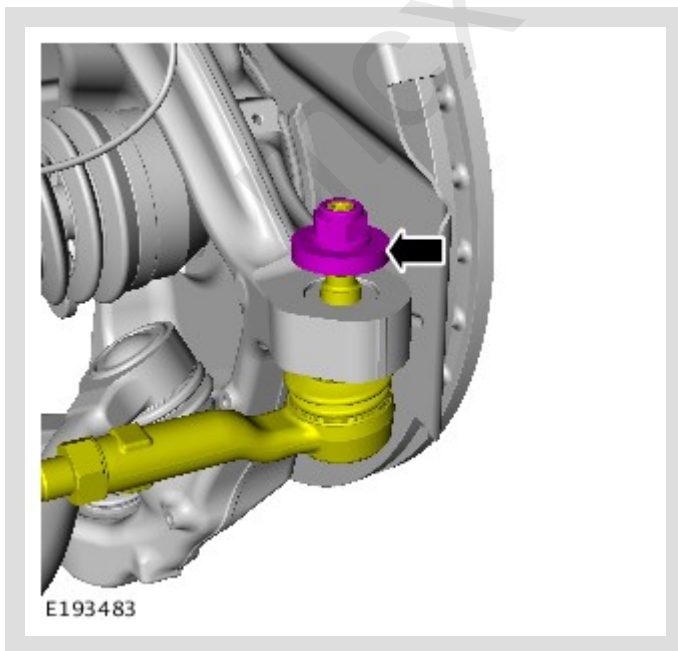
NOTE:

Count the number of rotations when installing the tie-rod end.



Install the tie-rod end.

2.



Install the tie-rod end to wheel knuckle. Install a new nut.

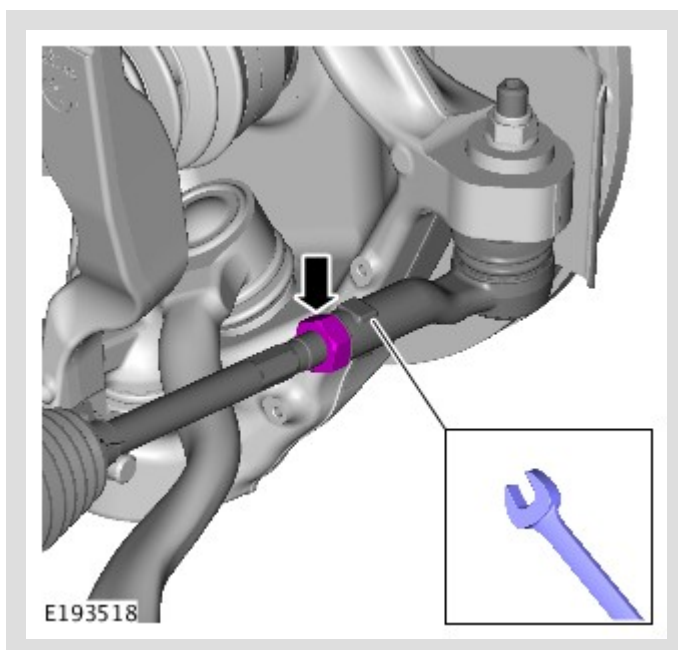
Renew Part: [Tie-rod end nut](#) Quantity: 1.

Torque: 140Nm

3.

⚠ CAUTION:

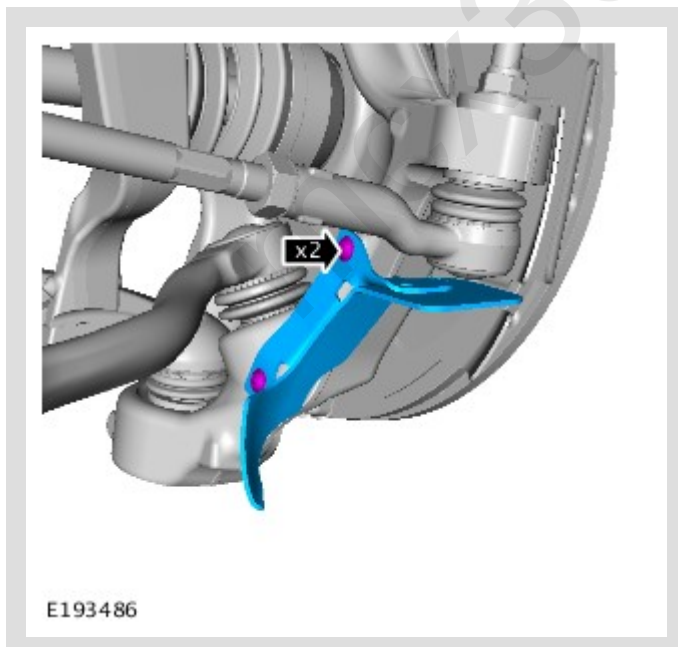
To prevent damage to the tie-rods, use an additional wrench when loosening or tightening the components.



Tighten the tie-rod end locking nut.

Torque: 76Nm

4.



Install the component.

Torque: 9Nm

5.

Install the front wheel and tire.

Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

 NOTE:

Use the Jaguar Land Rover approved diagnostic equipment to check and if necessary adjust the wheel alignment. SRO must be claimed separately.

Complete the front wheel alignment only.

Refer to: [Wheel Alignment](#) (204-00 Suspension System - General Information, General Procedures).