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2020.0 DEFENDER (LE), 211-04

STEERING COLUMN (G2423832)

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REMOVAL AND INSTALLATION

GENERAL EQUIPMENT

EQUIPMENT NAME
Jaguar Land Rover approved diagnostic equipment

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 1	Security bolts	2
Installation Step 2	Steering column lower shaft upper bolt	1

REMOVAL

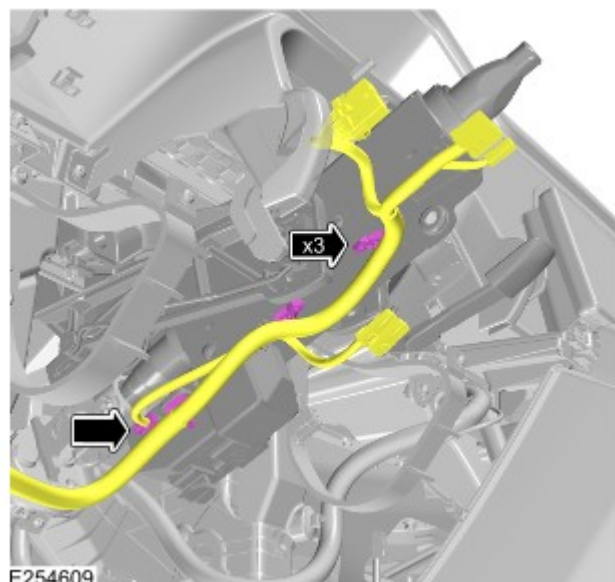


NOTE:

- 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. Make sure the steering column is in service position.
Refer to: [Steering Column Service Position](#) (211-04 Steering Column, General Procedures).
2. Make sure the airbag Supplementary Restraint System (SRS) is safe.
Refer to: [Supplementary Restraint System Health and Safety Precautions](#) (100-00 General Information, Description and Operation).
3. Disconnect the startup battery ground cable.
Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).
4. Remove the clockspring.
Refer to: [Clockspring](#) (501-20B Supplementary Restraint System, Removal and Installation).
5. Remove the instrument panel lower trim.
Refer to: [Instrument Panel Lower Trim](#) (501-12 Instrument Panel and Console, Removal and Installation).

6.



- Disconnect the electrical connector from the Electric Steering Column Lock (ESCL).
- Release the wiring harness at 3 clips.

7.

⚠ CAUTIONS:

- Note the position of the steering column intermediate shaft.
- Do not turn the steering column, or the front wheels after you disconnect the steering column intermediate shaft. If you turn any of these components, the steering will be incorrectly aligned.

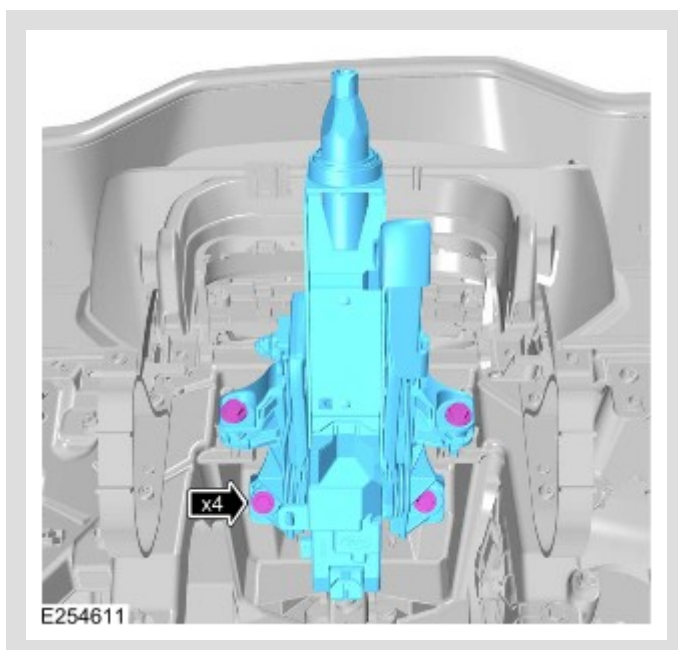


- Remove and discard the bolt.
- Release the steering column intermediate shaft from the steering column assembly.

8.

NOTE:

Note the position of the bolts, prior to removal.

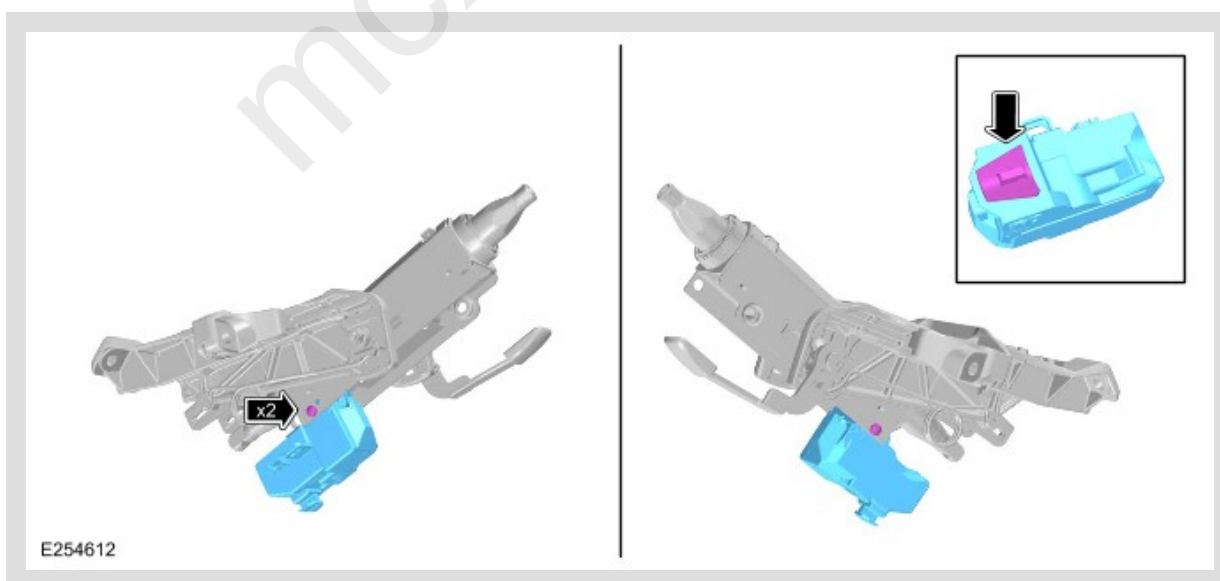


- Remove the 4 bolts.
- Remove the steering column assembly.

9.

NOTE:

Only do the following step(s) if a new component is to be installed.



- Remove and discard the 2 bolts.
- Remove the Electric Steering Column Lock (ESCL).

INSTALLATION

1.

NOTE:

Only do the following step(s) if the component was previously removed.

- Install the Electric Steering Column Lock (ESCL).
- Install and tighten the 2 bolts.

Renew Part: [Security bolts](#) Quantity: 2.

2.

NOTES:

- Make sure that the steering column intermediate shaft Universal Joint (UJ) thread is clean and free of foreign material.
- Make sure that the steering column intermediate shaft gets installed to the position noted in the removal steps.
- Make sure that the bolts are installed to the noted removal position.

- Install the steering column assembly.
- Install and tighten the 4 bolts.
Torque: 25Nm
- Install the steering column intermediate shaft to the steering column assembly.
- Install and tighten the bolt.

Renew Part: [Steering column lower shaft upper bolt](#) Quantity: 1.

Torque: 44Nm

3.

- Connect the electrical connector to the ESCL.
- Secure the 3 wiring harness clips.

4.

Install the instrument panel lower trim.

Refer to: [Instrument Panel Lower Trim](#) (501-12 Instrument Panel and Console, Removal and Installation).

5.

Install the clockspring.

Refer to: [Clockspring](#) (501-20B Supplementary Restraint System, Removal and Installation).

6.

Connect the startup battery ground cable.

Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).

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7. If new ESCL installed, configure the component with the Jaguar Land Rover (JLR) approved diagnostic equipment.

General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)

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