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2020.0 DEFENDER (LE), 211-04

STEERING COLUMN (G2344695)

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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	Steering column intermediate shaft upper bolt	1

REMOVAL

WARNING:

To prevent accidental deployment, you must power down the Restraints Control Module (RCM). Wait at least 1 minute after you disconnect the startup battery ground cable before you do any work on the Supplementary Restraint System (SRS). If you do not follow these instructions, it can cause injury or death.

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 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).

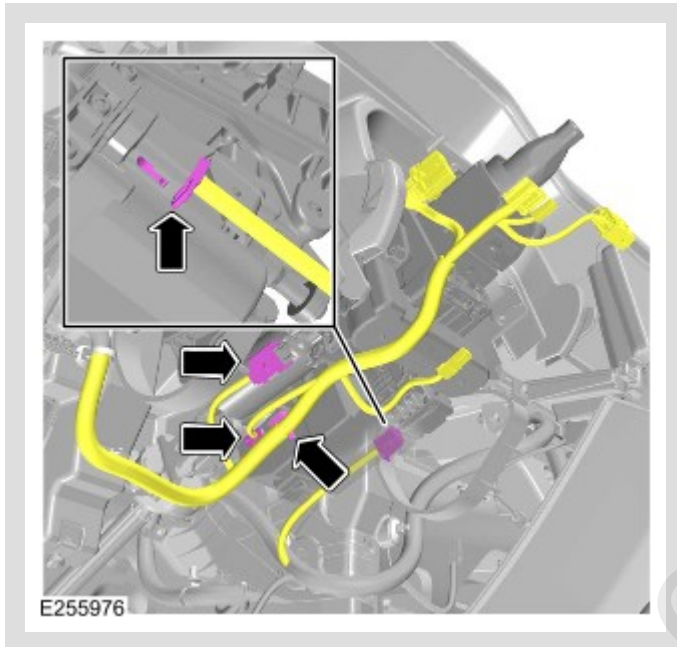
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4. Remove the instrument panel lower trim.

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

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5. Remove the clockspring.

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

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- 6.



- Disconnect the 3 electrical connectors from the steering column assembly.
- Release the wiring harness from the steering column assembly at the clip.

ⓘ CAUTIONS:

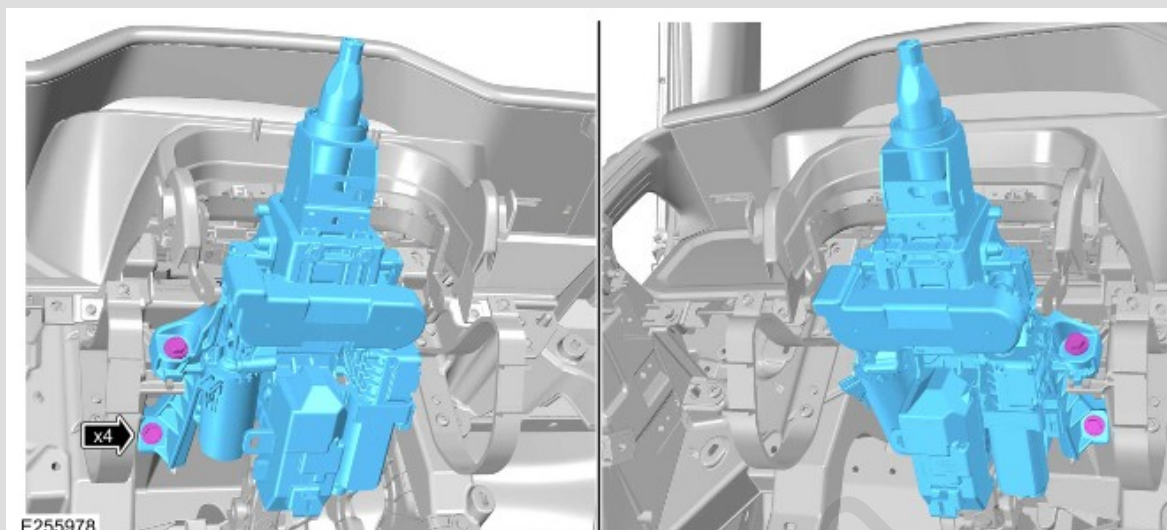
- Note the position of the steering column intermediate shaft.
- Do not turn the steering column, or the front wheels after you disconnect the steering column intermediate shaft. If you turn any of these components, the steering will be incorrectly aligned.



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

ⓘ CAUTION:

Note the position of the bolts, prior to removal.



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

INSTALLATION

1.

⚠ CAUTIONS:

- Make sure that the bolts are installed to the noted removal position.
- 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.

- Install the steering column assembly.
- Install and tighten the 4 bolts.
Torque: 25Nm
- Connect the steering column intermediate shaft to the steering column.
- Install and tighten the new bolt.
Renew Part: [Steering column intermediate shaft upper bolt](#) Quantity: 1.
Torque: 44Nm

2.

- Connect the 3 electrical connectors to the steering column assembly.
- Secure the wiring harness to the steering column assembly at the clip.

3.

Install the clockspring.

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

4.

Install the instrument panel lower trim.

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

5.

Connect the startup battery ground cable.

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

6.

If a new component has been installed, configure that component with the Jaguar Land Rover (JLR) approved diagnostic equipment.

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