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2020.0 DEFENDER (LE), 204-05

VEHICLE DYNAMIC SUSPENSION

FRONT AIR RESERVOIR VALVE BLOCK (G2416440)

mcx30.com

REMOVAL AND INSTALLATION

GENERAL EQUIPMENT

EQUIPMENT NAME
Jaguar Land Rover approved diagnostic equipment

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 2	Air line connector(s)	3

REMOVAL

WARNING:

Residual air pressure may be present in the system. Take care when releasing air line connectors.

CAUTION:

Before disconnecting any components, make sure the area is clean and free from foreign material. When disconnected all openings must be sealed.

NOTE:

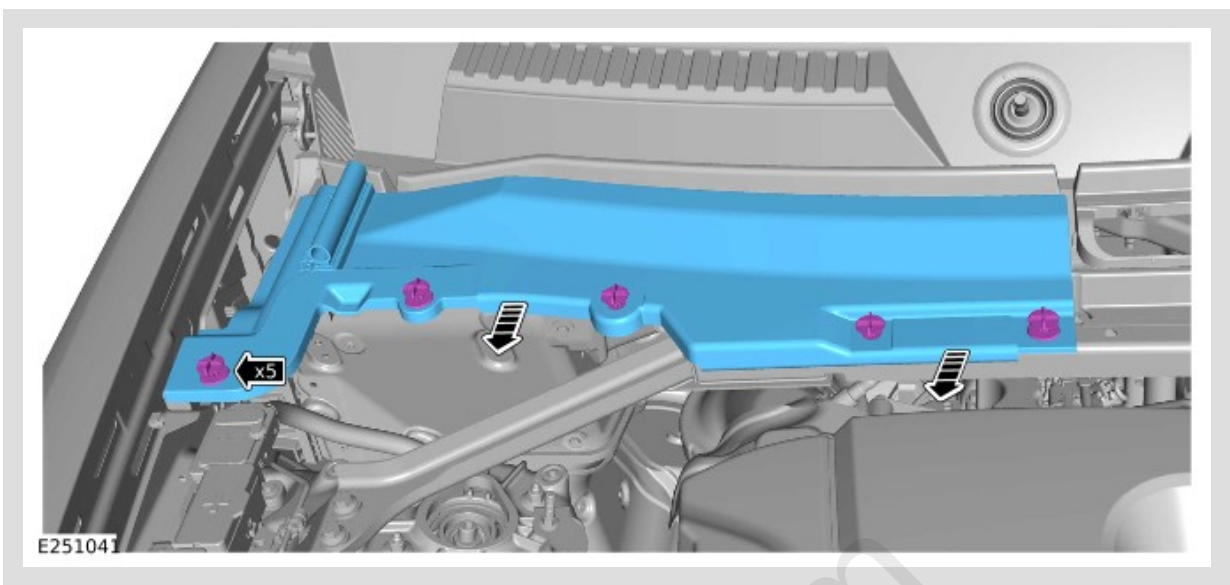
- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

1. Use the Jaguar Land Rover (JLR) approved diagnostic equipment to depressurize the front air springs.
Refer to: [Air Suspension System Depressurize and Pressurize](#) (204-05 Vehicle Dynamic Suspension, General Procedures).
General Equipment: [Jaguar Land Rover approved diagnostic equipment](#)

2. Disconnect the startup battery ground cable.
Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).

3. Raise and support the vehicle on a suitable 2-post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

4.

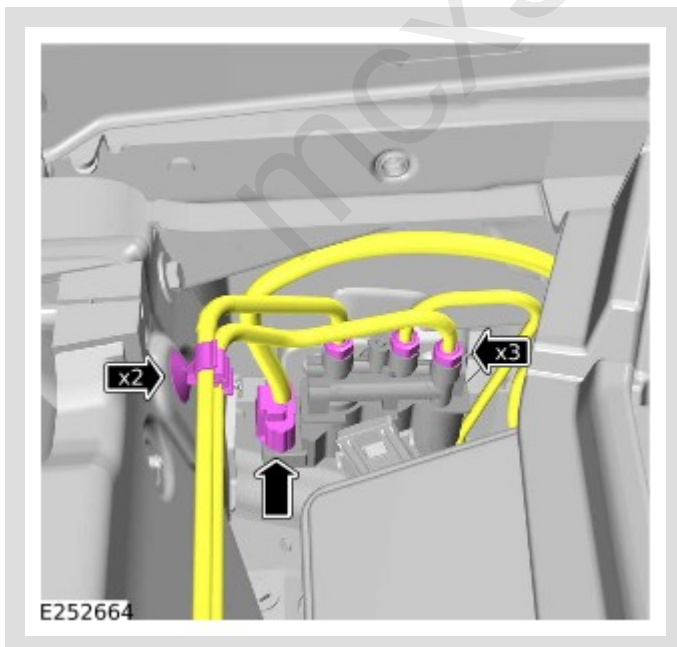


- Remove the 5 clips.
- Remove the access cover.

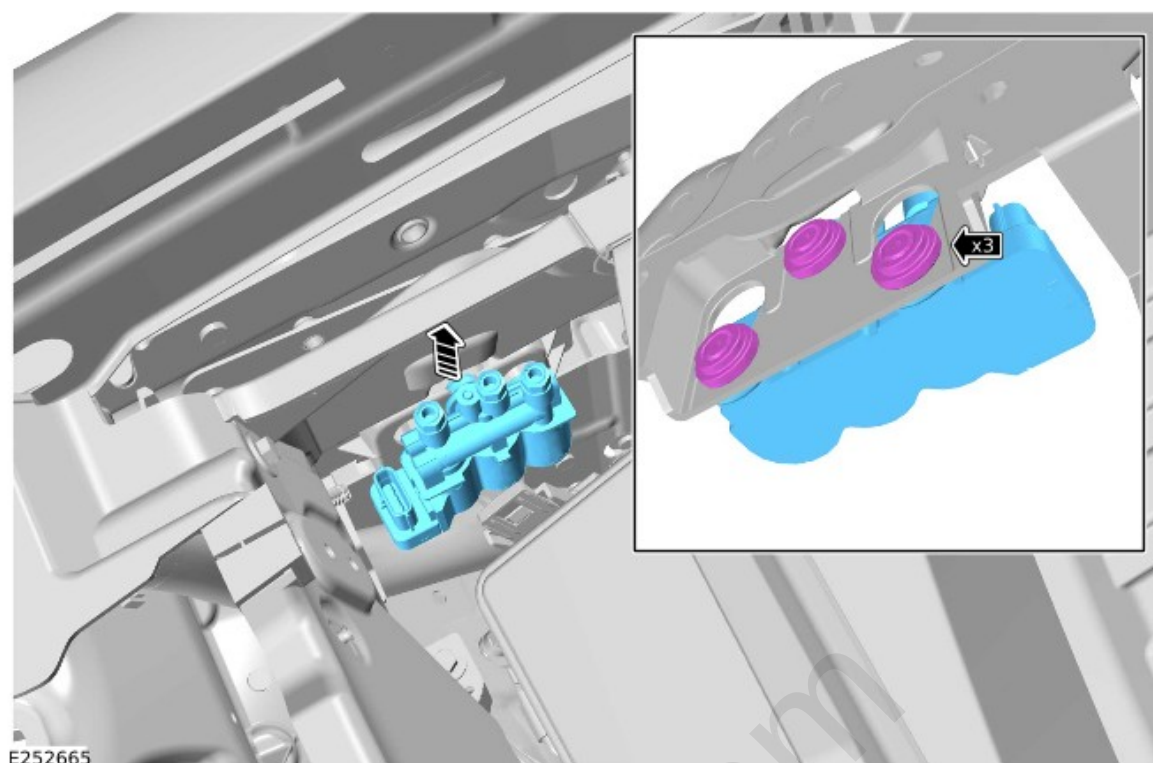
5.

⚠ CAUTION:

Note the orientation of the color coded air lines prior to removal.



- Disconnect the electrical connector.
- Release the 2 air lines from the 2 clips.
- Release the 3 air lines from the front air reservoir valve block.



Remove the front air reservoir valve block.

INSTALLATION

1. Install the front air reservoir valve block.

2.

⚠ CAUTION:

- Refer to the orientation of the color coded air lines as previously noted at the removal.
- Do not reuse the air line connectors. Always install a new air line connector every time it is released.

Connect and tighten the 3 air lines to the front air reservoir valve block.

Refer to: [Air Line Connector](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

Renew Part: [Air line connector\(s\)](#) Quantity: 3.

Torque

6mm air lines: **3.5Nm**

8mm air lines: **4.5Nm**

3.

- Connect the electrical connector to the front air reservoir valve block.
- Secure the 2 air lines at 2 clips.

4.

- Install the access cover.
- Install the 5 clips.

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.

⚠ CAUTION:

This step must be completed before the vehicle is fully lowered. Failure to follow this instruction might result in damage to the component.

Use the Jaguar Land Rover (JLR) approved diagnostic equipment to complete the air suspension manual control procedure.

Refer to: [Air Suspension - Manual Control Procedure](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

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

ⓘ CAUTION:

This step must be completed in order to maintain the correct air suspension compressor/dryer performance.

Use the JLR approved diagnostic equipment to pressurize the front air springs.

Refer to: [Air Suspension System Depressurize and Pressurize](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

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