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2020.0 DEFENDER (LE), 204-05

VEHICLE DYNAMIC SUSPENSION

REAR AIR RESERVOIR VALVE BLOCK (G2414489)

mcx30.com

REMOVAL AND INSTALLATION

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 2	Air line connector(s)	5

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.



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.

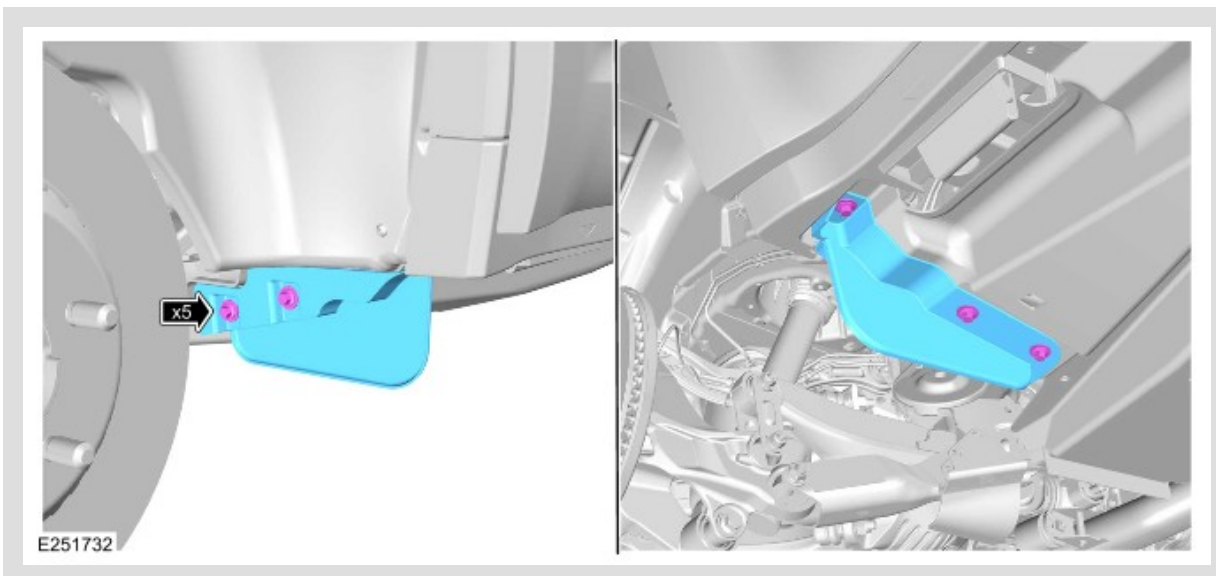
1. Use the Jaguar Land Rover (JLR) approved diagnostic equipment to depressurize the rear air springs. Refer to: [Air Suspension System Depressurize and Pressurize](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

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).

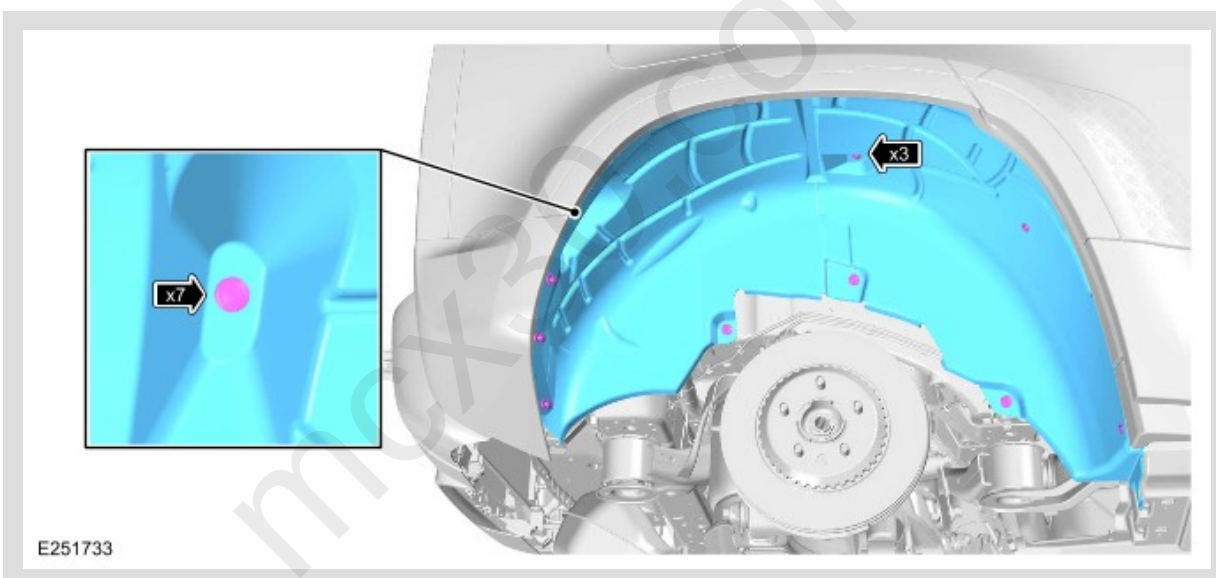
4. Remove the rear right wheel and tire assembly. Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

5.



- Remove the 5 bolts.
- Remove the rear right mudflap.

6.

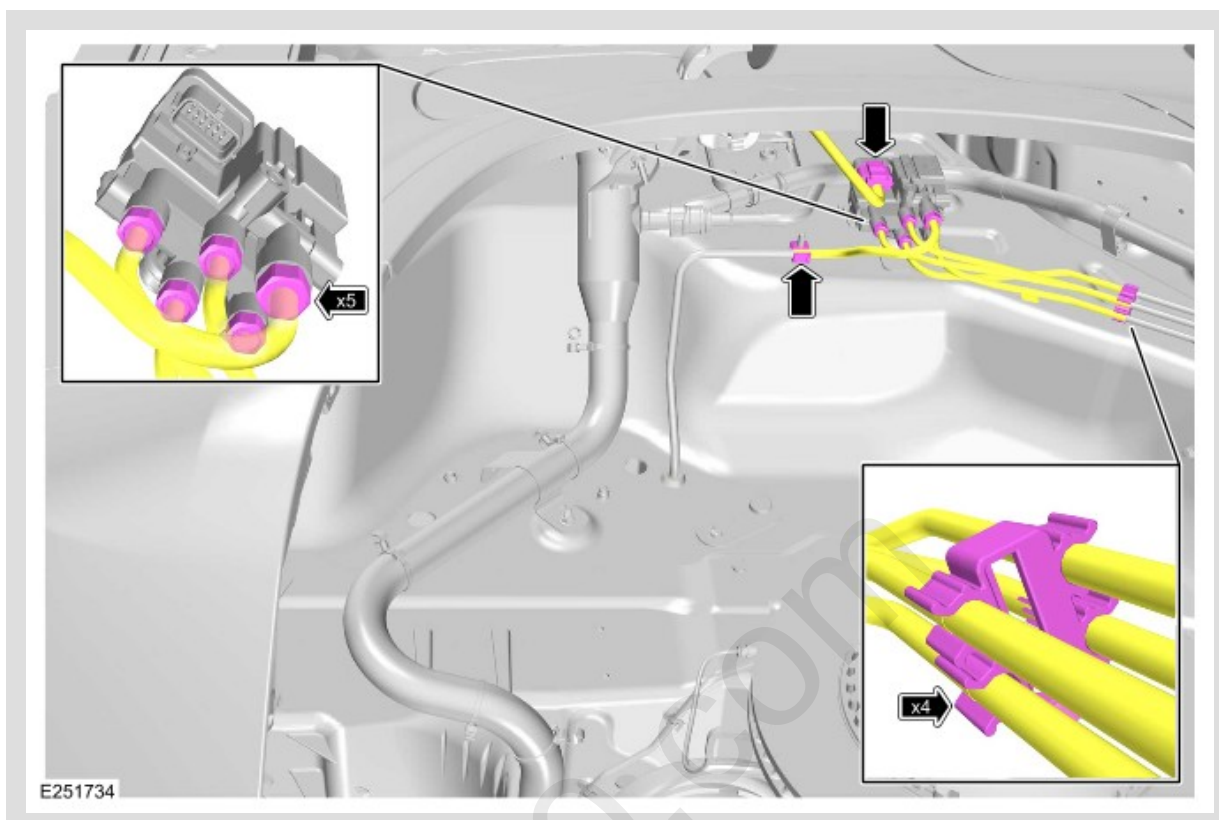


- Remove the 3 screws.
- Remove the 7 clips.
- Remove the rear right wheel arch liner.

7.

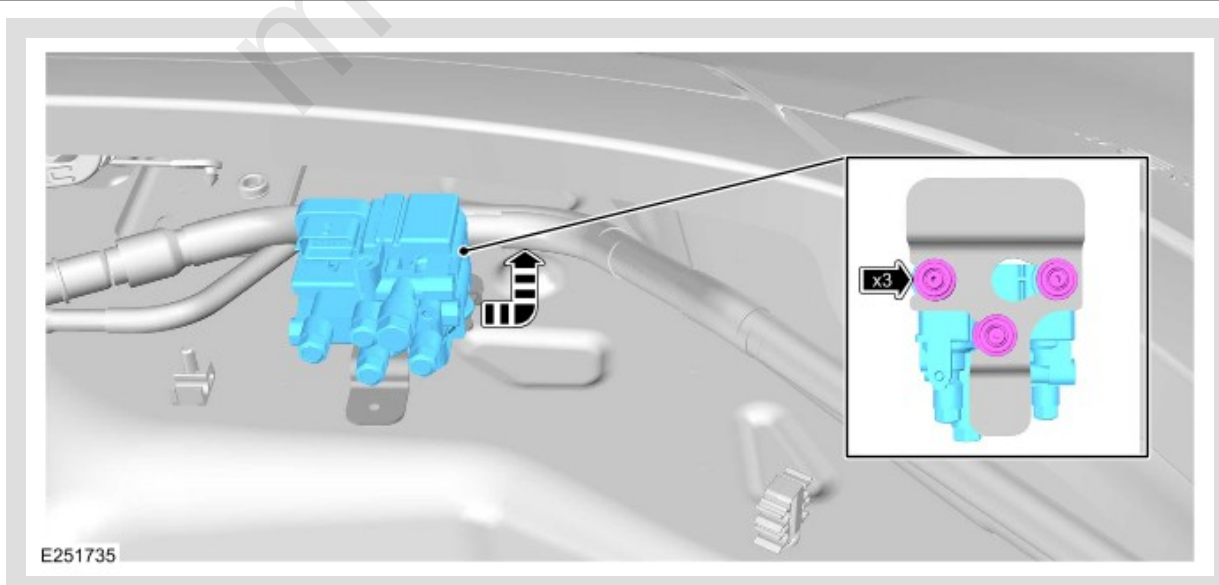
CAUTION:

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



- Disconnect the electrical connector from the rear air reservoir valve block.
- Release the air lines from the 5 clips.
- Release the 5 air lines from the rear air reservoir valve block.

8.



Release the rear air reservoir valve block at the 3 rubbers as illustrated.

INSTALLATION

1. Install the rear 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 5 air lines to the rear air reservoir valve block.

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

Renew Part: [Air line connector\(s\)](#) Quantity: **5**.

Torque

6mm air lines: **3.5Nm**

8mm air lines: **4.5Nm**

3.

- Secure the air lines to the 5 clips.
- Connect the electrical connector to the rear air reservoir valve block.

4.

- Install the rear right wheel arch liner.
- Install the 7 clips.
- Install the 3 screws.
- Install the rear right mudflap.
- Install and tighten the 5 bolts.

5.

Install the rear right wheel and tire.

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

7.

⚠ 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, General Procedures).

8.

⚠ 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 rear air springs.

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