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2020.0 DEFENDER (LE), 204-05

VEHICLE DYNAMIC SUSPENSION

AIR SUSPENSION COMPRESSOR (G1978619)

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REMOVAL AND INSTALLATION

GENERAL EQUIPMENT

EQUIPMENT NAME
2 mm punch

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 4	Air line connector(s)	1
Installation Step 9	Air line connector(s)	1

REMOVAL

⚠ 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. Remove the right loadspace trim panel.

Refer to: [Right Loadspace Trim Panel - \[+\] 7 Seat Configuration, 110](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

2.



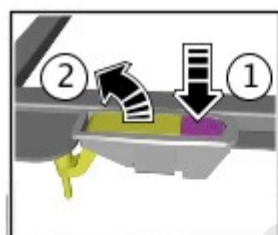
E204937

Remove the loadspace floor panel.

3.

 **NOTE:**

If equipped.



E221515

Open the loadspace rear trim panel.

4.

 NOTE:

If equipped.



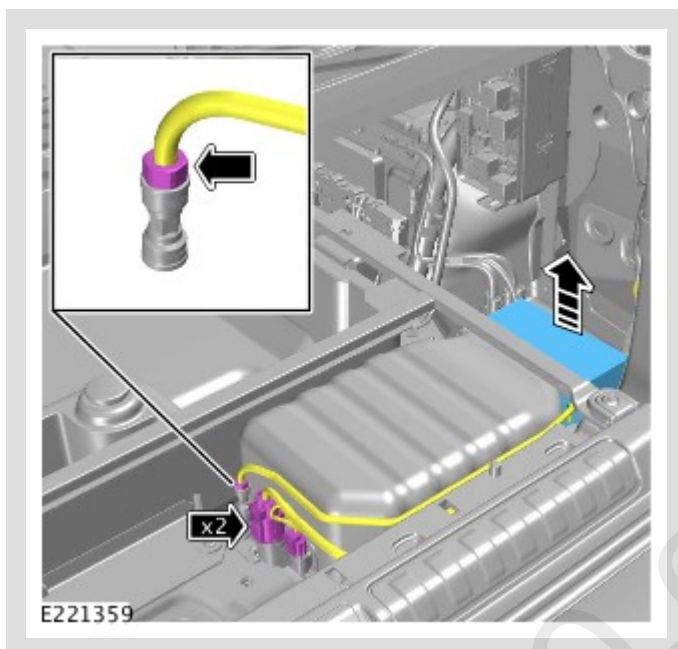
- Remove the 7 retaining screws.
- Remove the loadspace stowage tray.

⚠ WARNING:

A small amount of air pressure will be left in the air suspension system.

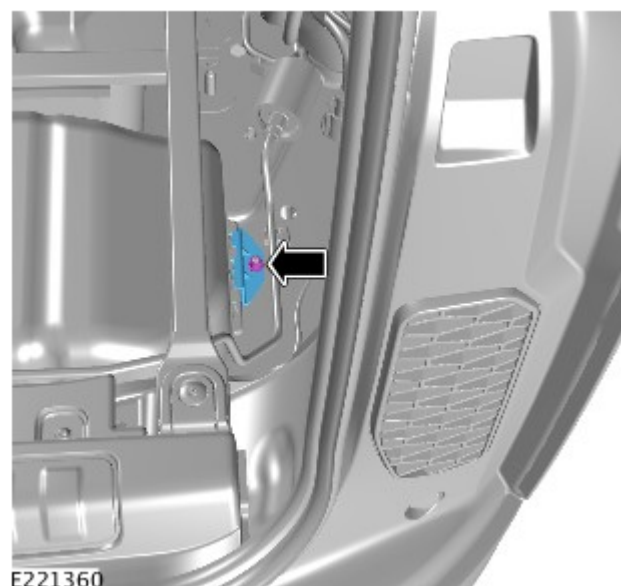
⚠ CAUTION:

Do not reuse the air line connector. Always install a new air line connector every time it is released.



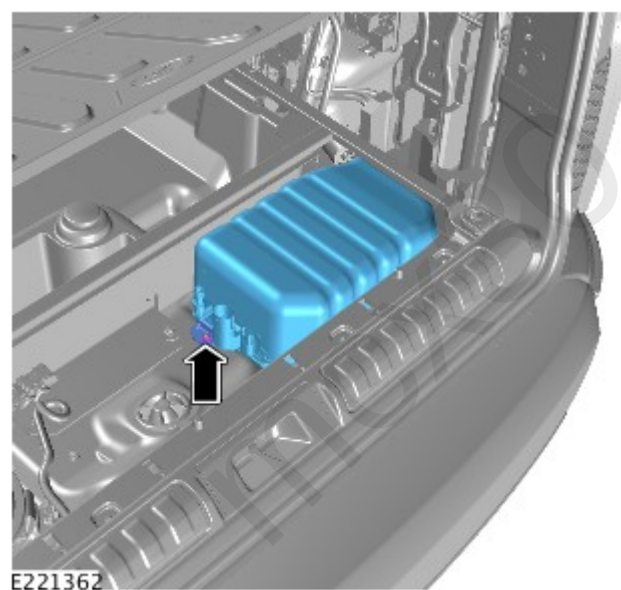
- Disconnect the wiring harness.
- Disconnect the air line and discard the air line connector.
Refer to: [Air Line Connector](#) (204-05 Vehicle Dynamic Suspension, General Procedures).
- Remove the Noise, Vibration and Harshness (NVH) material.

6.

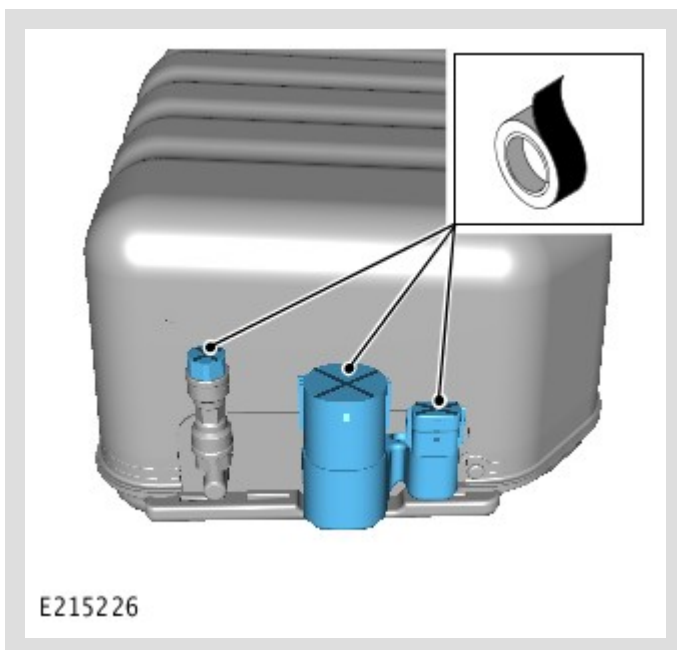


Remove the retaining bracket.

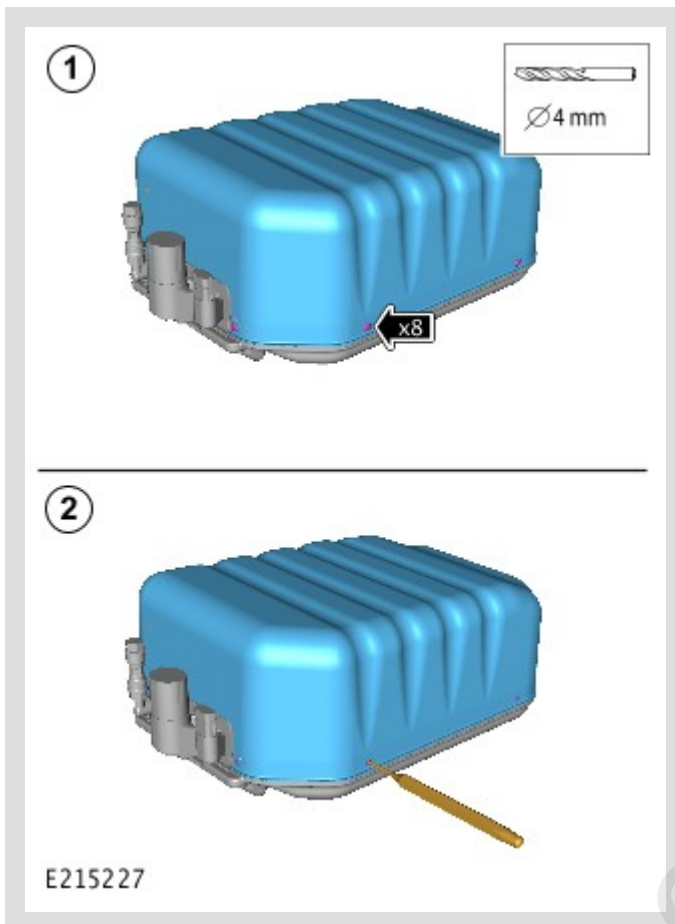
7.



Remove the air suspension air supply unit from the vehicle.



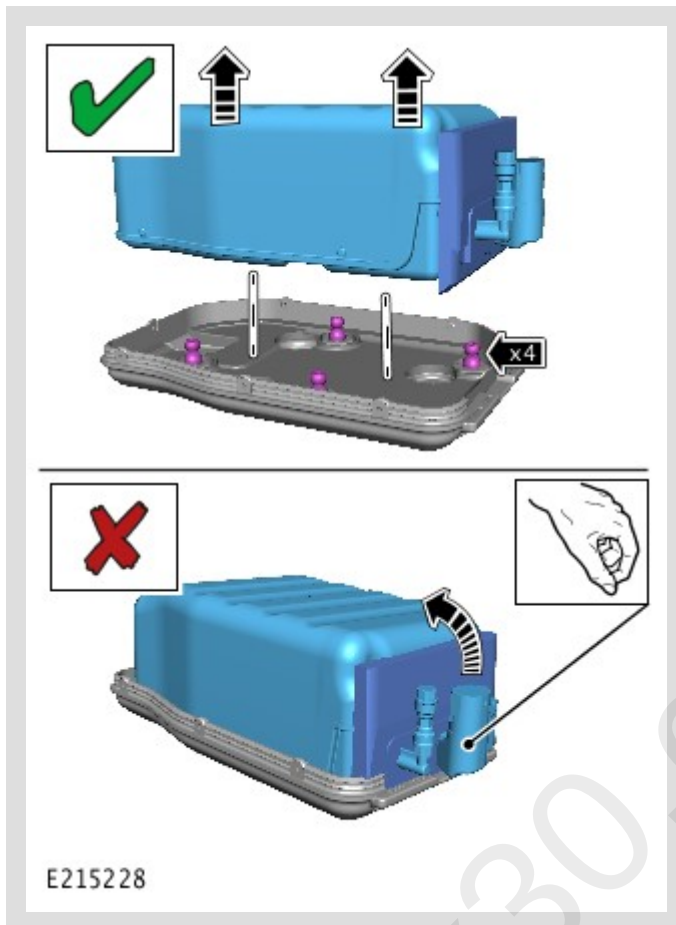
Using a suitable tape, cover the airline and electrical connector openings.



1. Using a 4 mm drill, remove the head of the rivets.
2. Using a suitable tool, release the rivet bodies.
General Equipment: 2 mm punch
3. Remove the outer cover.

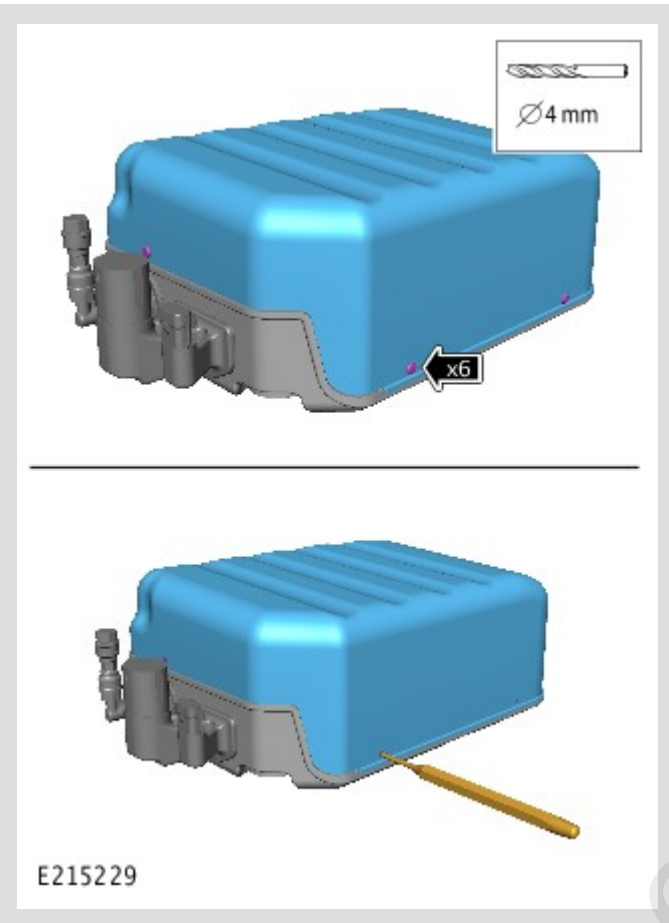
⚠ CAUTION:

Do not pull on the suspension air supply unit connectors to release the clips.



- Remove the inner assembly from the outer assembly.
- Remove the NVH material.

11.



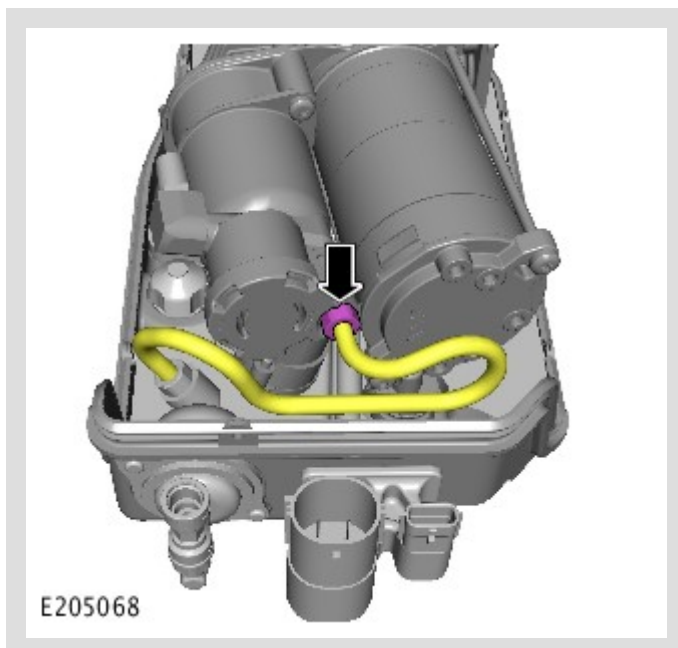
1. Using a 4 mm drill, remove the head of the rivets.
2. Using a suitable tool, release the rivet bodies.
General Equipment: 2 mm punch
3. Remove the inner cover.

12. Remove all drilling debris.

13.

ⓘ CAUTION:

Do not reuse the air line connector. Always install a new air line connector every time it is released.



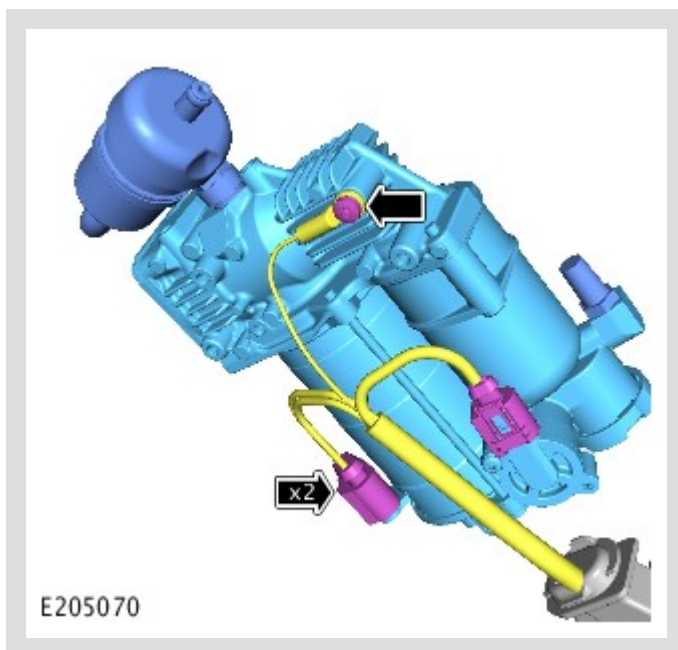
Disconnect the inner air line and discard the air line connector.

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

14.



Remove the 3 mounting bolts.



Disconnect the wiring harness.

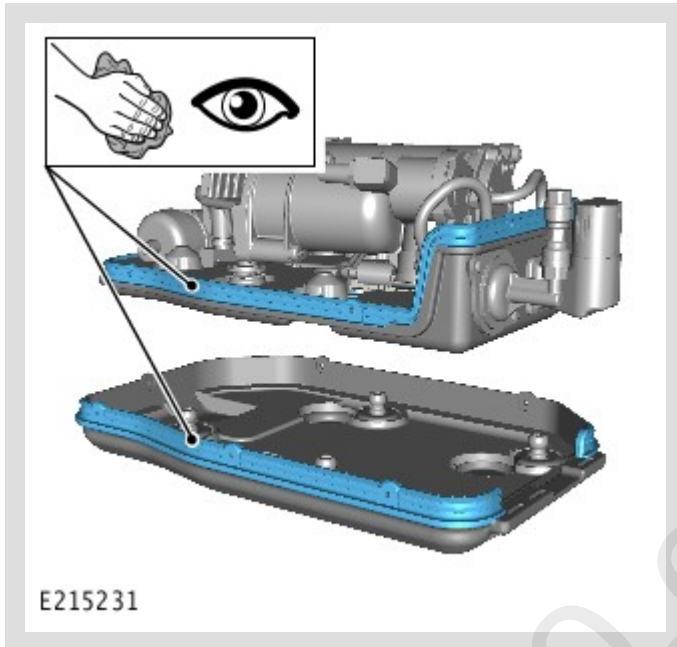
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INSTALLATION

1.

⚠ CAUTION:

Make sure all drilling debris is removed before assembling the components.



Clean and inspect the seals.

2.

- Connect the wiring harness.
- Install and tighten the bolt.

Torque: 3.5Nm

3.

Install the 3 mounting bolts.

Torque: 7Nm

4.

⚠ CAUTION:

Do not reuse the air line connector. Always install a new air line connector every time it is released.

Connect the inner air line.

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

Renew Part: Air line connector(s) Quantity: 1.

Torque: 3.5Nm

5.

Using new rivets measuring 4 x 12 mm, install the suspension air supply unit inner cover.

6.

- Install the inner assembly to the outer assembly.
- Install the noise, vibration and harshness (NVH) material.

7.

Using new rivets measuring 4 x 12 mm, install the suspension air supply unit outer cover.

8.

Install the air suspension compressor assembly.

Torque: 10.5Nm

9.

 CAUTION:

Do not reuse the air line connector. Always install a new air line connector every time it is released.

Connect the outer air line.

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

Renew Part: [Air line connector\(s\)](#) Quantity: 1.

Torque: 3.5Nm

10.

Install the NVH material.

11.

Install the loadspace floor panel.

12.

 NOTE:

If equipped.

- Install the loadspace stowage tray.
- Install and tighten the 7 retaining screws.

Torque: 2Nm

13.

 NOTE:

If equipped.

Close the loadspace rear trim panel.

14.

Install the right loadspace trim panel.

Refer to: [Right Loadspace Trim Panel - \[+\] 7 Seat Configuration, 110](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

