

PUBLISHED: 09-JAN-2020
2020.0 DEFENDER (LE), 204-02

REAR SUSPENSION

REAR SHOCK ABSORBER (G2424174)

mcx30.com

REMOVAL AND INSTALLATION

GENERAL EQUIPMENT

EQUIPMENT NAME
Transmission jack

PART(S)

STEP	PART NAME	QUALIFICATION	QUANTITY
Step 1	Shock absorber boot kit	All vehicles	1
Step 2	Shock absorber nut	All vehicles	1
Step 2	Shock absorber gasket	All vehicles	1
Step 3	Shock absorber upper mounting nut	All vehicles	3
Step 3	Shock absorber to wheel knuckle mounting nut and bolt	All vehicles	1

REMOVAL

NOTES:

- This procedure contains illustrations for left side components, right side components are similar.
- 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.

The following step(s) applies to:

Vehicles with third row seats

1. Remove the left loadspace trim panel.

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

The following step(s) applies to:

Vehicles without third row seats

2. Remove the left loadspace trim panel.

Refer to: [Left Loadspace Trim Panel - 110, Vehicles With: 5 Seats](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

The following step(s) applies to:

All vehicles

3. Depressurise the suspension system.

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

4. Raise and support the vehicle on a suitable 2-post lift.

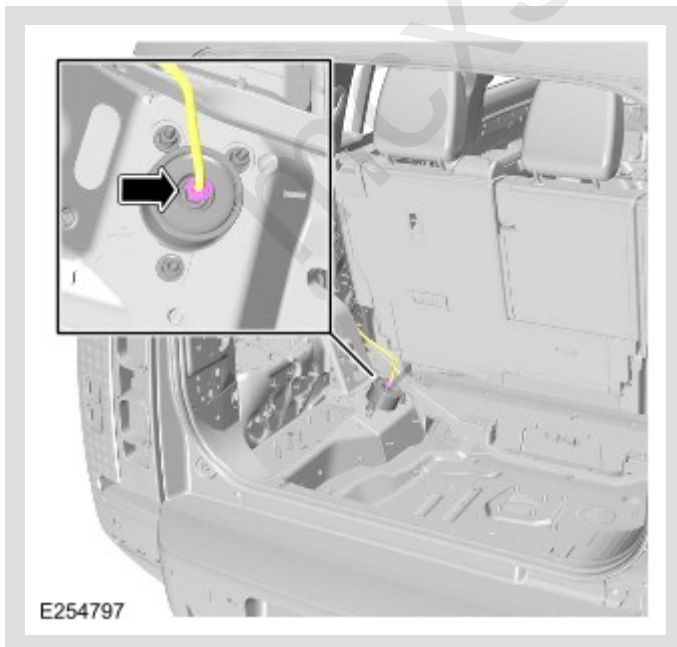
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

5. Remove the wheel and tire assembly.

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

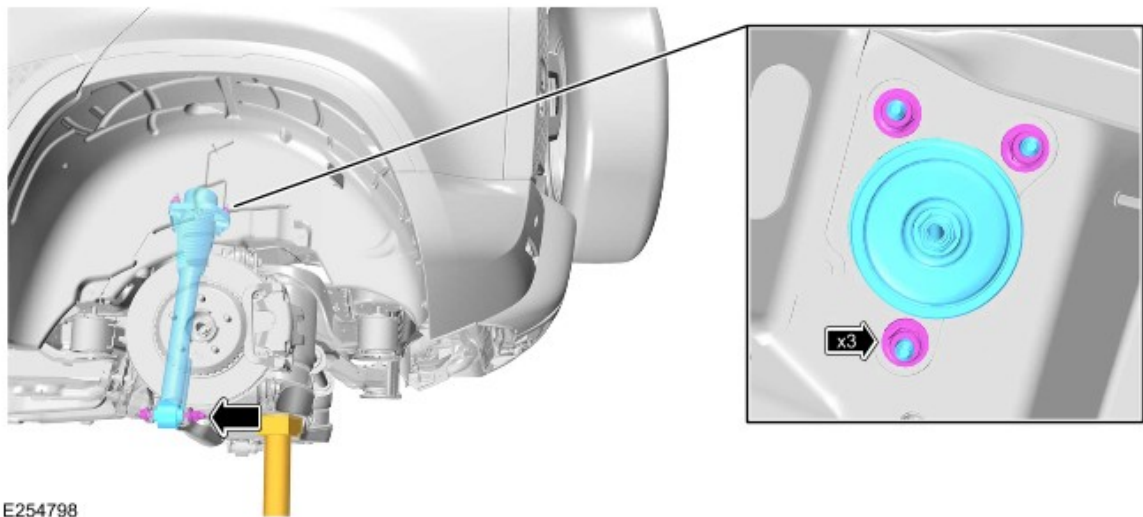
6.  **NOTE:**

If equipped.



Disconnect the electrical connector.

7.



- Use a suitable stand to support the lower control arm.
General Equipment: [Transmission jack](#)
- Remove and discard the 3 nuts.
- Remove and discard the nut and bolt.
- Lower the transmission jack.
- Remove the rear shock absorber assembly.

8.

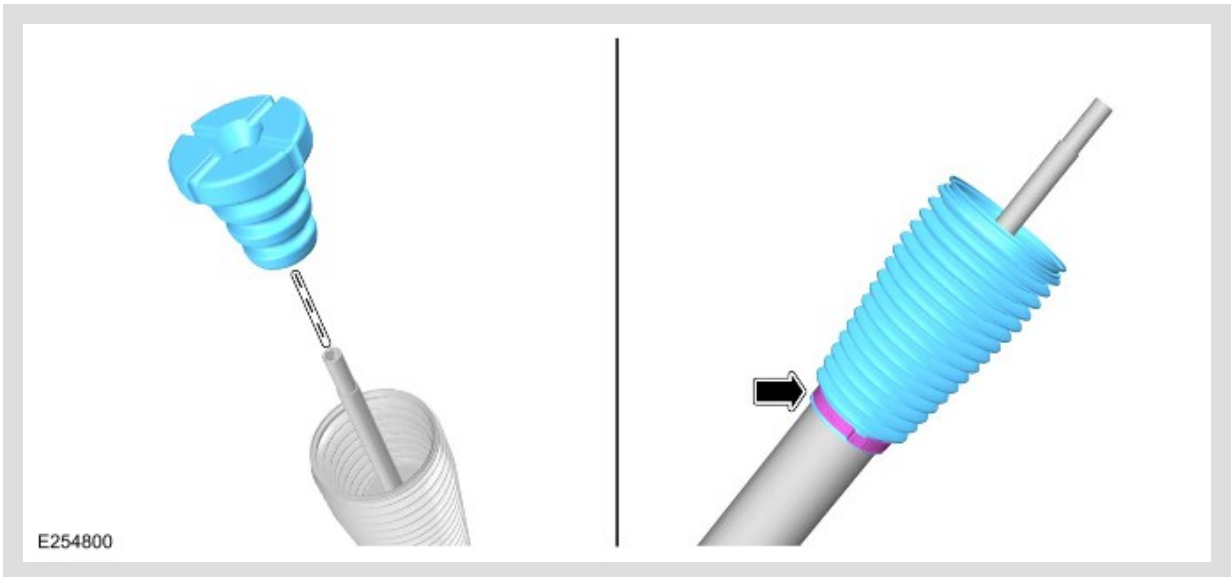
NOTE:

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



- Remove the gasket from the rear shock absorber.
- Remove and discard the nut.
- Remove the rear shock absorber upper bracket.

9.



- Remove the rear shock absorber bumper.
- Remove and discard the clip.
- Remove the rear shock absorber boot.

INSTALLATION

The following step(s) applies to:

All vehicles

1.

NOTE:

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

- Install the rear shock absorber boot to the rear shock absorber.
Renew Part: [Shock absorber boot kit](#) Quantity: 1.
- Install the rear shock absorber bumper to the rear shock absorber.

2.

- Install the rear shock absorber upper bracket to the rear shock absorber.
- Install and tighten the nut.
Renew Part: [Shock absorber nut](#) *Quantity:* 1.
Torque: **27Nm**
- Secure the rear shock absorber boot to the rear shock absorber upper bracket.
- Install the clamp to secure the rear shock absorber boot.
- Install the gasket to the rear shock absorber.
Renew Part: [Shock absorber gasket](#) *Quantity:* 1.

3.

- Install the rear shock absorber assembly.
- Install and tighten the 3 nuts.
Renew Part: [Shock absorber upper mounting nut](#) *Quantity:* 3.
Torque: **48Nm**
- Use the stand to raise the suspension to normal ride height.
- Install and tighten the rear shock absorber to wheel knuckle bolt and nut.
Renew Part: [Shock absorber to wheel knuckle mounting nut and bolt](#) *Quantity:* 1.
Torque
Stage1: **100Nm**
Stage2: **240°**
- Remove the transmission jack.
General Equipment: [Transmission jack](#)

4.

 NOTE:

If equipped.

Connect the electrical connector to the rear shock absorber.

5.

- Install the wheel and tire assembly.
Refer to: Wheel and Tire (204-04, Removal and Installation).

The following step(s) applies to:
Vehicles with third row seats

6.

- Install the left loadspace trim panel.
Refer to: [Left Loadspace Trim Panel - \[+\] 7 Seat Configuration, 110](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

The following step(s) applies to:

Vehicles without third row seats

7. Install the left loadspace trim panel.

Refer to: [Left Loadspace Trim Panel - 110, Vehicles With: 5 Seats](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

The following step(s) applies to:

All vehicles

8. Pressurise the suspension system.

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