

Rear Suspension - Rear Shock Absorber

Removal and Installation

Removal

- NOTE: Removal steps in this procedure may contain installation details.

1.  **WARNING:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

2. Remove the shock absorber and spring assembly.

Refer to: [Shock Absorber and Spring Assembly](#) (204-02 Rear Suspension, Removal and Installation).

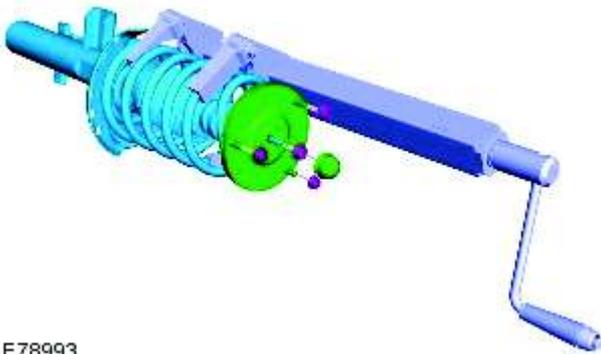
3. **3. WARNINGS:**

 Always follow the spring compressor manufacturer's instructions.

 Take extra care when handling the compressed spring.

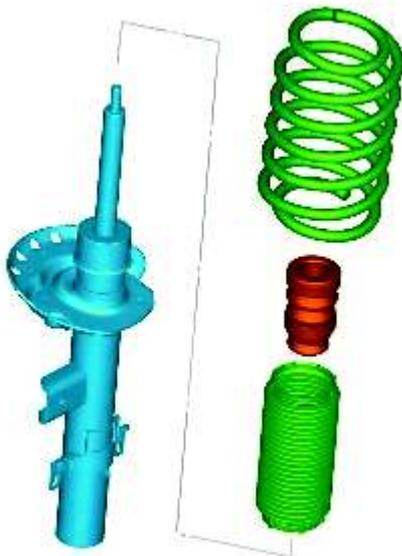
- NOTE: Make sure that this component is installed to the noted removal position.

Remove the spring.



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4. Remove the shock absorber damper rod components.



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Installation

1. Install the shock absorber shaft dust shield, spring aid and gaiter.

2.  **WARNING:** Take extra care when handling the compressed spring.

- CAUTIONS:



Make sure that these components are installed to the noted removal position.



Make sure that the mating faces are clean and free of foreign material.

Install the spring.

3. Install the spring inclination spacer and top mount, install the nut but do not fully tighten at this stage.
4. Carefully release the spring tension.
5. Tighten the nut.

Torque: 80 Nm

6. Install the cap.
7. Install the shock absorber and spring assembly.

Refer to: [Shock Absorber and Spring Assembly](#) (204-02 Rear Suspension, Removal and Installation).

Rear Suspension - Shock Absorber and Spring Assembly

Removal and Installation

Removal

1. Remove the rear quarter trim panel.

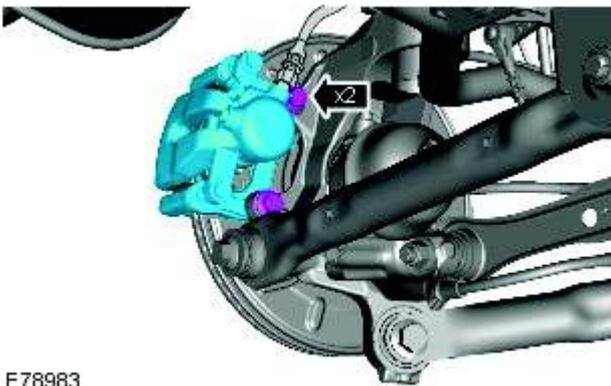
Refer to: [Rear Quarter Trim Panel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

2.  **WARNING:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

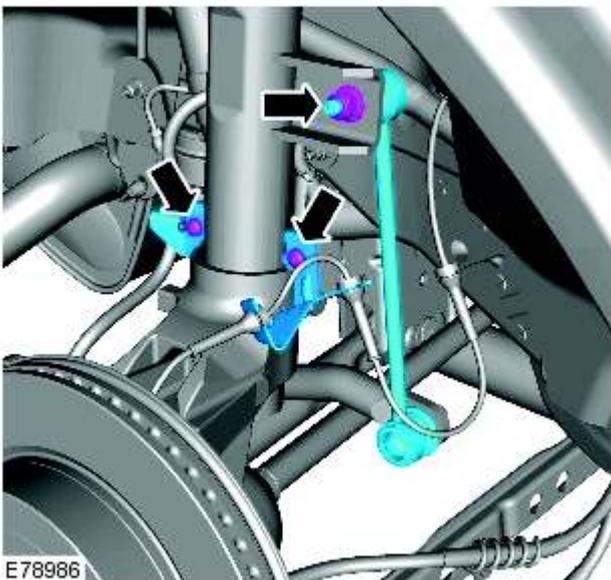
3. Remove the wheel and tire.

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



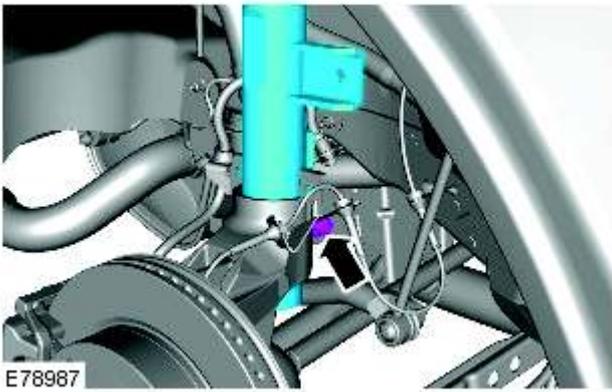
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4.  **CAUTION:** Make sure that no load is placed on the brake hose.

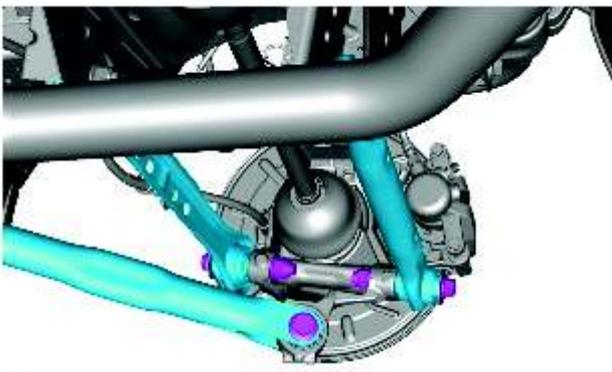


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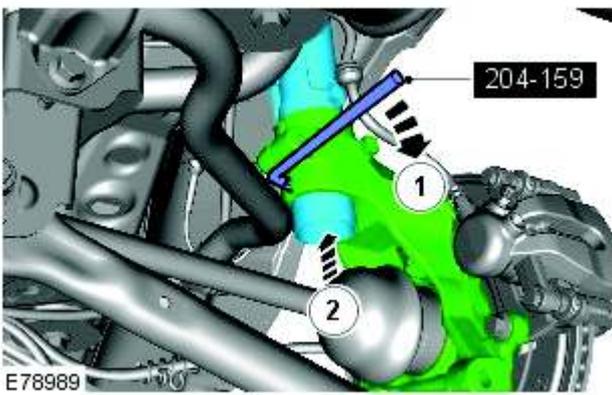
5.  **CAUTION:** Discard the nut.



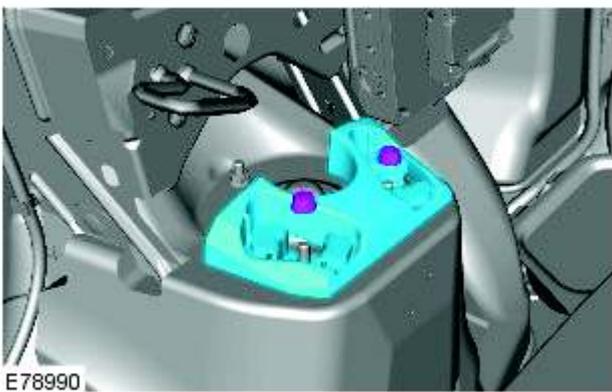
6. Remove and discard the bolt from the rear wheel knuckle.



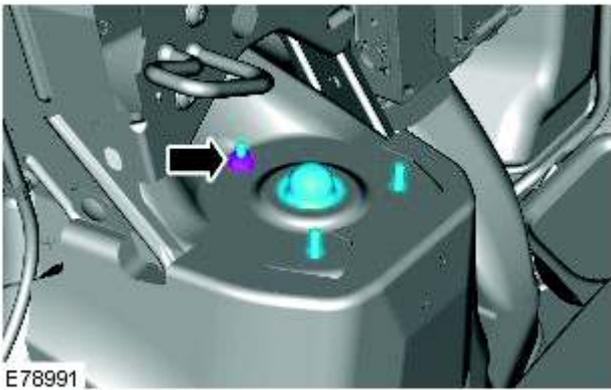
- 7.



- 8.



9.  CAUTION: Make sure that no components catch.



10.

Installation

1. **1.**  **CAUTION:** Make sure that new bolts are installed.
Install the shock absorber to the hub assembly.
Torque: 110 Nm
2. Install the shock absorber and spring assembly.
Torque: 32 Nm
3. **3.**  **CAUTION:** Nuts and bolts must be tightened with the weight of the vehicle on the suspension.
Install the lower suspension arms.
4. Install the brake line and wheel speed sensor brackets.
Torque: 10 Nm
5. **5.**  **WARNING:** Make sure that a new nut is installed.
Secure the stabilizer bar link.
Torque: 60 Nm
6. **6. CAUTIONS:**
 Make sure that the mating faces are clean and free of foreign material.
 Make sure that the brake hose is not twisted and is correctly located.
Secure the brake caliper and anchor plate to the wheel knuckle.
Torque: 110 Nm
7. **7.**  **CAUTION:** Nuts and bolts must be tightened with the weight of the vehicle on the suspension.
Support weight of vehicle on a jack at the rear hub.
8. Tighten the trailing arm nut and bolt.

Torque: 270 Nm

9. Tighten the front and rear lower arm nuts and bolts.

Torque: 175 Nm

10. Install the wheel and tire.

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

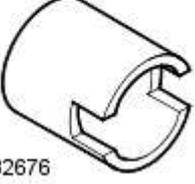
11. Install the rear quarter trim panel.

Refer to: [Rear Quarter Trim Panel](#) (501-05 Interior Trim and Ornammentation, Removal and Installation).

Rear Suspension - Wheel Knuckle Rear Bushing

Removal and Installation

Special Tool(s)

 <p>204-620-01 E82678</p>	<p>204-620-01 Installer, Wheel Knuckle Bushing</p>
 <p>204-620-02 E82677</p>	<p>204-620-02 Remover/Installer, Wheel Knuckle Bushing</p>
 <p>204-620-03 E82676</p>	<p>204-620-03 Remover, Wheel Knuckle Bushing</p>
 <p>LR-121 E87232</p>	<p>LR-121 Hydraulic Cylinder 10t</p>

Removal

- 1.**  **WARNING:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.
- Remove the wheel and tire.

Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).
- Remove the trailing arm.

Refer to: [Trailing Arm](#) (204-02 Rear Suspension, Removal and Installation).