

Component Procedures: Ride Height Sensor

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Component Procedures: Ride Height Sensor

Electronic Suspension Front Position Sensor Replacement (Article 13524)

Removal Procedure

- Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle .
- Remove the tire and wheel assembly. Refer to Tire and Wheel Removal and Installation .
- Remove the position sensor link (1) from the lower control arm . Click for full-size image
- Disconnect the electrical connector for the position sensor (2).
- Remove the nut (1) for the position sensor. Click for full-size image
- Remove the position sensor (2).

Installation Procedure

- Install the position sensor on the frame (2). Click for full-size image
- Install and tighten the position sensor nut (1) to 15 Nm (11 lb ft) .
- Reconnect the electrical connector (2). Click for full-size image
- Install the position sensor link (1) on the lower control arm
- Install the tire and wheel assembly. Refer to Tire and Wheel Removal and Installation .
- Remove the support and lower the vehicle.
- Reprogram the electronic suspension control module . Refer to Control Module References .

Electronic Suspension Rear Position Sensor Replacement (Article 13525)

Removal Procedure

- Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle .
- Remove the tire and wheel assembly, if needed. Refer to Tire and Wheel Removal and Installation .
- Disconnect the position sensor link (1) from the lower control arm . Click for full-size image
- Disconnect the position sensor electrical connector (2).
- Remove the position sensor nut (1). Click for full-size image
- Remove the position sensor (2) from the vehicle.

Installation Procedure

- Install the position sensor (2) in the vehicle. Click for full-size image
- Install the position sensor nut (1) and tighten to 15 Nm (11 lb ft).
- Reconnect the position sensor electrical connector (2) . Click for full-size image
- Install the position sensor link (1) to the lower control arm .
- Install the tire and wheel, if removed. Refer to Tire and Wheel Removal and Installation .
- Remove the supports and lower the vehicle.
- Reprogram the electronic suspension control module . Refer to Control Module References .