




Published : Oct 13, 2004

Front Wheel Speed Sensor (70.65.30)

Removal

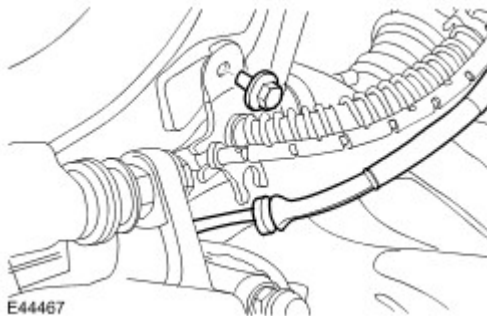
1.  **WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**


Raise and support the vehicle.

2. Remove the fender splash shield. For additional information, refer to [Fender Splash Shield \(76.10.48\)](#) (Section 501-02)

3. Release the brake hose bracket from the wheel knuckle.

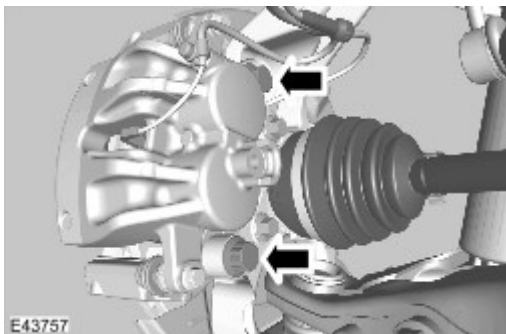
➤ Remove the retaining bolt.



4.  **CAUTION: Do not allow the brake caliper to hang on the brake hose.**

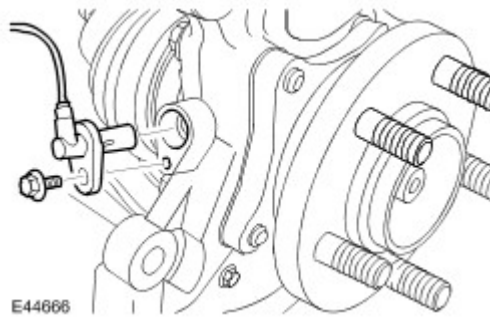
Release the brake caliper anchor plate from the wheel knuckle and tie the caliper aside.

➤ Remove the two retaining bolts.

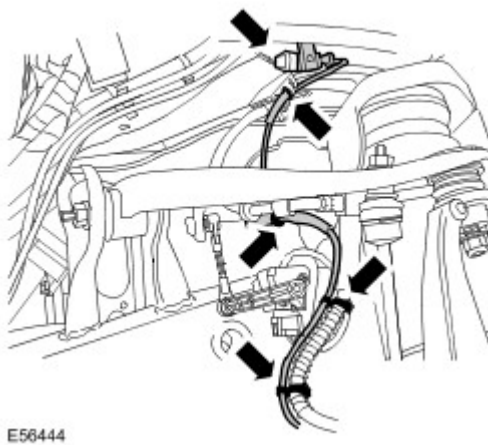


5. Release the wheel speed sensor from the wheel knuckle.

➤ Remove the bolt.




6. Remove the wheel speed sensor.
 - ▶ Disconnect the electrical connector.
 - ▶ Release the wiring harness from the 5 clips.



Installation

1. Make sure the wheel speed sensor location in the wheel knuckle is free of dirt.
2. **NOTE :**
Make sure the electrical connector retaining clip is attached to the body wiring harness.
Install the wheel speed sensor.
 - ▶ Connect the electrical connector.
 - ▶ Attach the wiring harness to the 5 clips.
 - ▶ Tighten the bolt to 9 Nm (7 lb.ft).
3. Secure the brake caliper and anchor plate to the wheel knuckle.
 - ▶ Tighten the bolts to 275 Nm (203 lb.ft).
4. Secure the brake hose retaining bracket to the wheel knuckle.
 - ▶ Tighten the bolt to 25 Nm (18 lb.ft).
5. Install the fender splash shield. For additional information, refer to [Fender Splash Shield \(76.10.48\)](#) (Section 501-02)

- 6 . Install the wheel and tire.
 Tighten the wheel nuts to 140 Nm (103 lb.ft).
- 7 . Depress the brake pedal several times, check the fluid level in the brake fluid reservoir and top-up with brake fluid if necessary.
- 8 . If a new wheel speed sensor has been installed, interrogate the ABS system using T4.