



Published: Jan 17, 2005

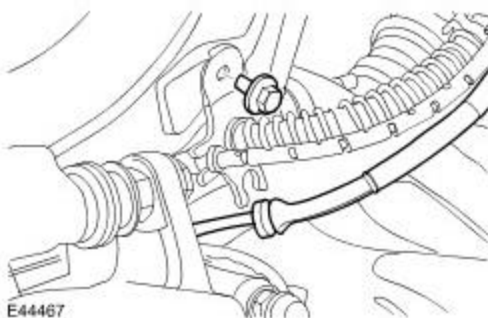
Brake Disc (70.12.10)


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.

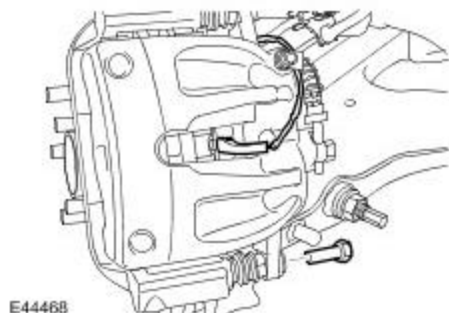
2. Remove the wheel and tire.
3. Release the brake hose bracket from the wheel knuckle.
 Remove the bolt.





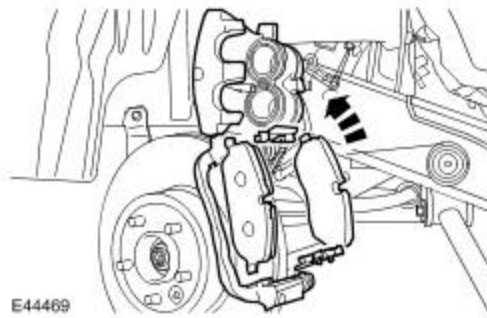
4.  **CAUTION:** The brake pad wear indicator sensor is easily damaged. Do not use a lever to remove the sensor. Use fingers only.

LH side only: Disconnect the brake pad wear indicator sensor.

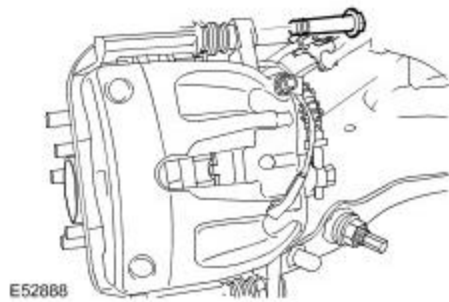
5. Remove the brake caliper lower bolt.




6. Remove the brake pads.
 Rotate the brake caliper upwards.
 Remove the two clips.




7. Remove the brake caliper upper bolt.

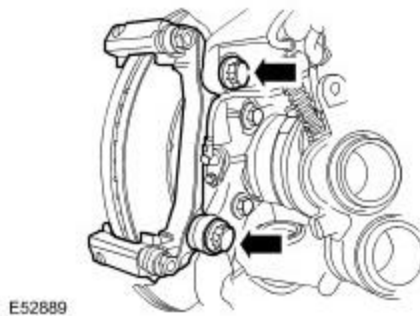



8.  **CAUTION: Do not allow the brake caliper to hang on the brake hose.**

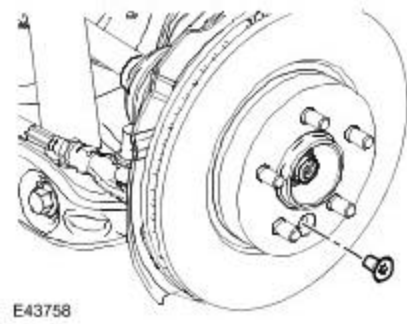
Tie the brake caliper housing aside.

9. Remove the brake caliper anchor plate.


 Remove the 2 bolts.



10. Remove the brake disc.
 Remove the Torx screw.



Installation

1. Make sure the brake disc and hub mating surfaces are clean.
2. Install the brake disc.
 - Tighten the Torx screw to 35 Nm (26 lb.ft).
3.  **WARNING: Do not use compressed air to clean brake components. Dust from friction materials can be harmful if inhaled.**
 - Clean the caliper housing and anchor plate using brake cleaning fluid.
4. Install the anchor plate.
 - Tighten the bolts to 275 Nm (203 lb.ft).
5. Install the brake caliper housing and fit the top bolt.
 - Tighten the bolt to 35 Nm (26 lb.ft).
6. Install the brake pads.
 - Install the two clips.
7. Rotate the brake caliper downwards.
 - Tighten the bolt to 35 Nm (26 lb.ft).
8. Connect the brake pad wear indicator sensor.
9. Secure the brake hose retaining bracket to the wheel knuckle.
 - Tighten the bolt to 22 Nm (16 lb.ft).
10. Install the wheel and tire.
 - Tighten the wheel nuts to 140 Nm (103 lb.ft).
11. Depress the brake pedal several times, check the fluid level in the brake fluid reservoir and top-up with brake fluid if necessary.