

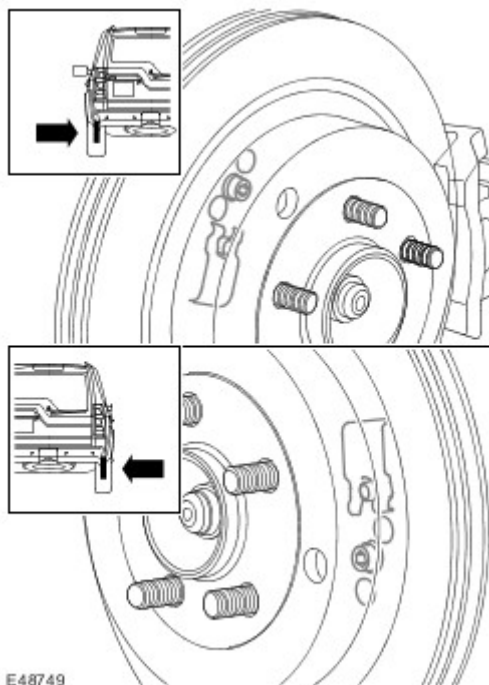



## Parking Brake Actuator - 2.7L Diesel (70.35.48)

### Removal

1.  **CAUTION : Do not turn the ignition on when the parking brake has been set to the mounting position.**  
  
Using the Land Rover approved diagnostic system, drive the parking brake to the mounting position.
2. Isolate the parking brake electrical circuit.
  - ▶ Remove fuse number 8 from the battery junction box (BJB).
3. Remove the spare wheel and tire.
4.  **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.
5. Remove the rear wheels and tires.
6. Release the parking brake shoe adjustment.
  - ▶ Loosen the screws.



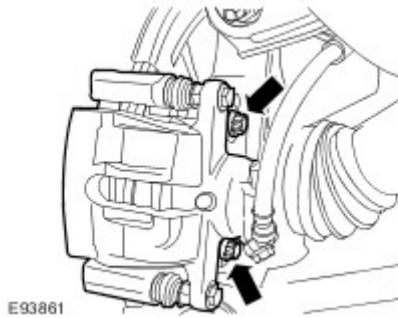
7.  **CAUTION : Do not allow the brake caliper to hang on the brake hose.**

**NOTE :**

LH is shown, RH is similar.

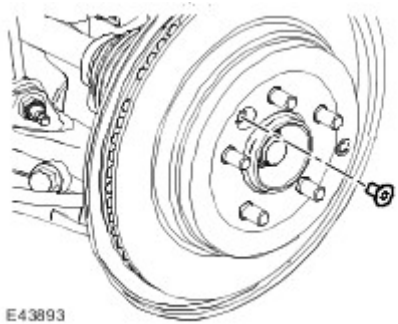
Reposition the RH rear brake caliper.

- ▶ Remove the 2 bolts.
- ▶ Using a suitable tie strap, support the brake caliper.



8 . Remove the RH rear brake disc.

- ▶ Remove the screw.



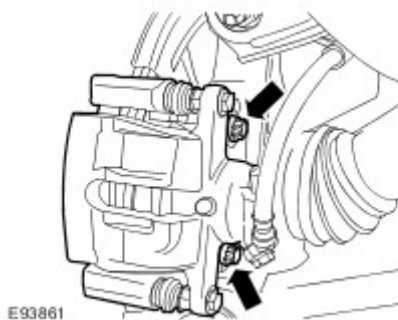
9 .



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

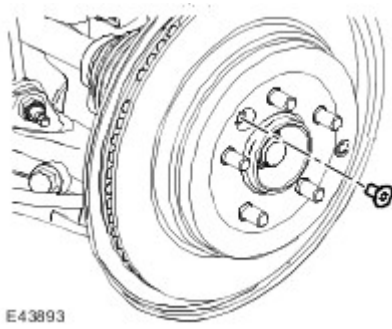
Reposition the LH rear brake caliper.

- ▶ Remove the 2 bolts.
- ▶ Using a suitable tie strap, support the brake caliper.



10 . Remove the LH rear brake disc.

- ▶ Remove the screw.

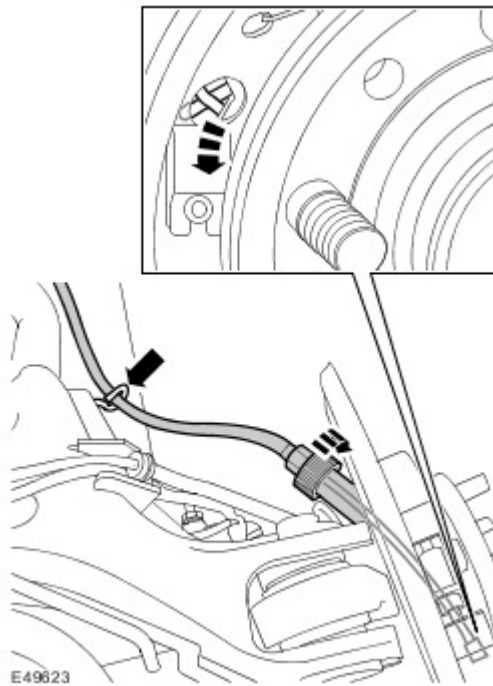


11 . **NOTE :**

RH is shown, LH is similar.

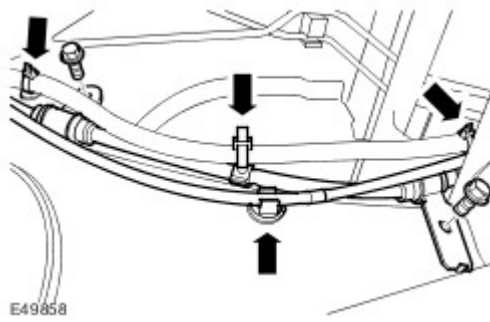
Disconnect both parking brake cables from the wheel hubs.

- ▶ Fully loosen the nut.
- ▶ Release the parking brake cable from the lower arm.
- ▶ Disconnect the inner parking brake cable from the brake shoe.

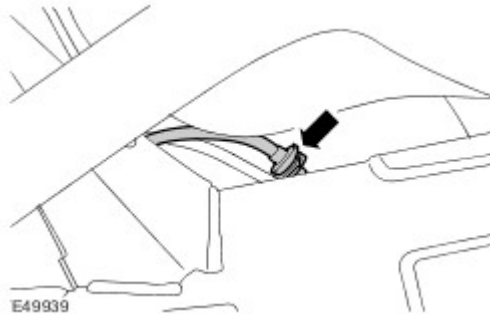


12 . Release the LH parking brake cable.

- ▶ Remove the 2 bolts.
- ▶ Release the 3 wiring harness clips.
- ▶ Release the parking brake cable from the clip on the chassis.



- 13 . Release the LH parking brake cable.



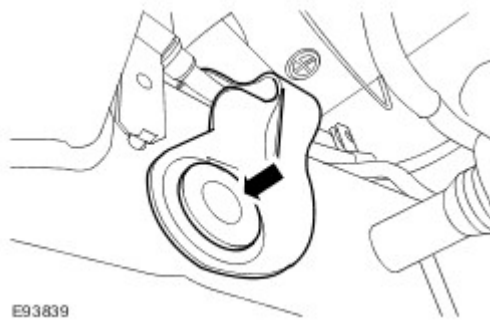
- 14 .



**CAUTION : The fuel tank breather line bracket can be easily damaged when releasing it from the chassis.**

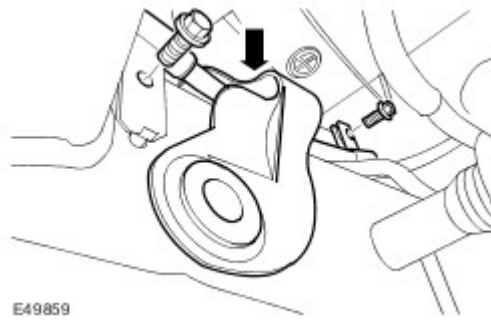
Release the fuel tank breather line bracket.

- ▶ Remove the plastic insert.

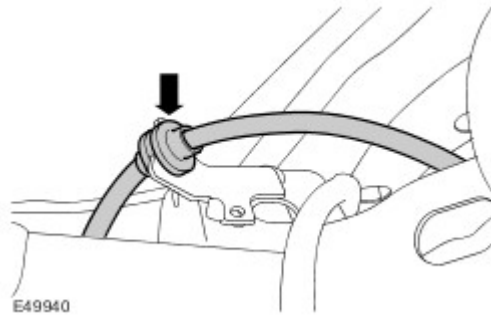


- 15 . Release the RH parking brake cable.

- ▶ Remove the 2 bolts.
- ▶ Release the parking brake cable from the 2 pipe clips.
- ▶ Release the parking brake cable from the clip on the chassis.



16 . Release the RH parking brake cable.



17 . Remove the fuel tank heat shield.

▶ Remove the 3 bolts and 2 nuts.



18 .

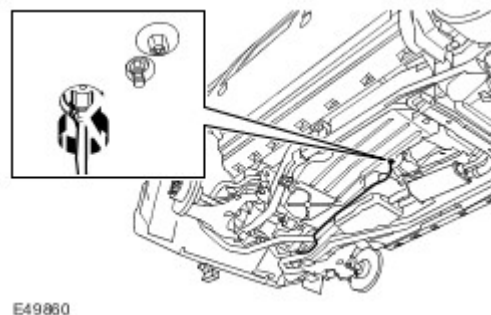


**CAUTION :** Inspect the parking brake emergency release cable to body seal and replace if damaged.

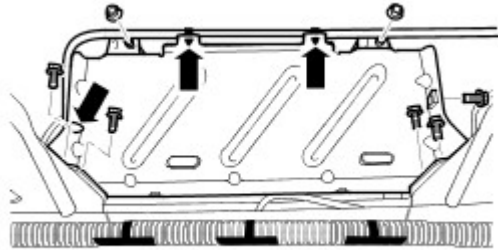
**NOTE :**

Note the fitted position of the parking brake emergency release cable to body seal.

Release the parking brake emergency release cable.



- 19 . Remove the parking brake actuator mounting bracket.
- ▶ Release the air suspension pipe clips.
  - ▶ Remove the 2 nuts.
  - ▶ Remove the 5 bolts.
  - ▶ Release the 3 wiring harness clips.

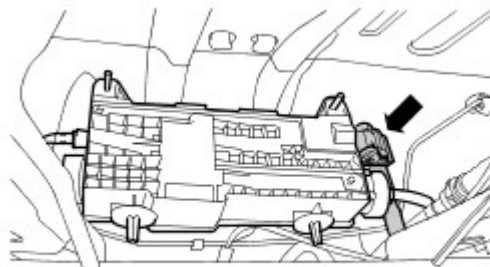


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- 20 . **NOTE :**  
Note the routing of the parking brake emergency release cable.

**NOTE :**  
Note the routing of the parking brake cables.

- Remove the parking brake actuator and cable assembly.
- ▶ Disconnect the electrical connector.



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## Installation

- 1 . **NOTE :**  
Note the routing of the parking brake emergency release cable.

**NOTE :**  
Note the routing of the parking brake cables.

- Install the parking brake actuator and cable assembly.
- ▶ Connect the electrical connector.

- 2 . Install the parking brake actuator mounting bracket.
- ▶ Tighten the bolts to 22 Nm (16 lb.ft).
  - ▶ Tighten the nuts to 10 Nm (7 lb.ft).
  - ▶ Secure the air suspension pipe.

- ▶ Secure the wiring harness.

3.



**CAUTION : Make sure the parking brake emergency release cable to body seal is installed correctly.**

Locate and secure the parking brake emergency release cable.

4. Install the fuel tank heat shield.

- ▶ Tighten the bolts to 6 Nm (4 lb.ft).
- ▶ Tighten the nuts to 3 Nm (2 lb.ft).

5. Locate and secure the RH parking brake cable.

- ▶ Tighten the bolts to 22 Nm (16 lb.ft).
- ▶ Secure the parking brake cable to the 2 pipe clips.
- ▶ Secure the parking brake cable grommet to the integrated body frame bracket.

6. Secure the fuel tank breather line bracket.

- ▶ Install the plastic insert.

7. Locate and secure the LH parking brake cable.

- ▶ Tighten the bolts to 22 Nm (16 lb.ft).
- ▶ Secure the wiring harness.
- ▶ Secure the parking brake cable grommet to the integrated body frame bracket.

8.



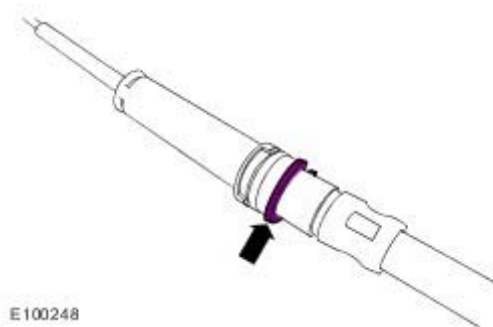
**CAUTION : Pull on the parking brake cable to make sure the inner parking brake cable is engaged in the parking brake shoe lever.**

**NOTE :**

Make sure that the brake cable circlip is positioned as shown.

Connect the parking brake cables to the wheel hubs.

- ▶ Connect the parking brake cable to the brake shoe lever.
- ▶ Locate the parking brake cable to the backplate.
- ▶ Tighten the nut to 8 Nm (6 lb.ft).



9.



**CAUTION : Make sure that the component is clean, free of foreign material and lubricant.**

Install the LH rear brake disc.

- ▶ Tighten the screw to 35 Nm (26 lb.ft).

10 . Secure the LH rear brake caliper.

- ▶ Remove and discard the tie strap.
- ▶ Tighten the bolts to 115 Nm (85 lb.ft).

11 .



**CAUTION : Make sure that the component is clean, free of foreign material and lubricant.**

Install the RH rear brake disc.

- ▶ Tighten the screw to 35 Nm (26 lb.ft).

12 . Secure the RH rear brake caliper.

- ▶ Remove and discard the tie strap.
- ▶ Tighten the bolts to 115 Nm (85 lb.ft).

13 . Adjust the parking brake shoes.

For additional information, refer to

14 . Install the wheels and tires.

- ▶ Tighten the wheel nuts to 140 Nm (103 lb.ft).

15 . Install fuse number 8 into the BJB.

16 . Using the Land Rover approved diagnostic system, calibrate the parking brake actuator on an even surface.