

Parking Brake Actuator - 4.0L / 4.4L

Service Repair No - 70.35.48

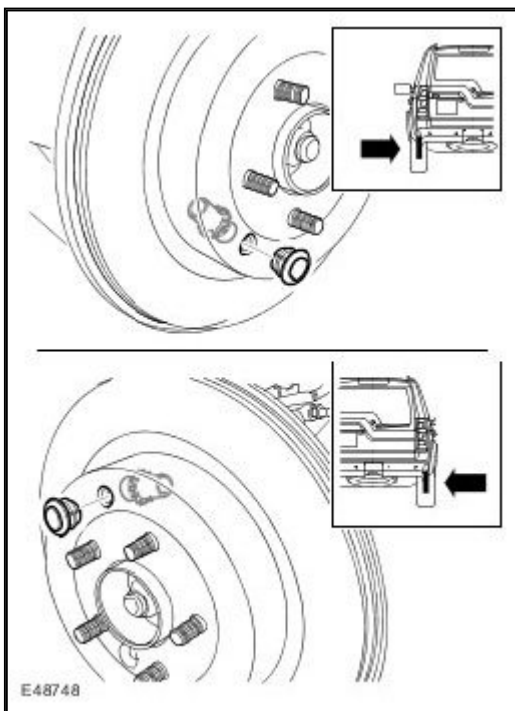
The content of this article/image reflects the changes identified in **Land Rover TSB - LTB00189**

Removal

1. 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 BJB.

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

3. Raise and support the vehicle.
4. Remove the rear wheels and tires.
5. Release the [parking brake shoe](#) adjustment.
 - Remove the plug from the access hole in the brake disc.
 - Using a suitable tool, rotate the brake shoe adjuster to release the adjustment.



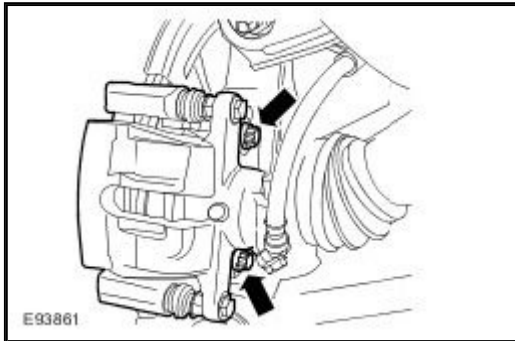
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CAUTION: Do not allow the [brake caliper](#) to hang on the brake hose.

6. Reposition the RH rear [brake caliper](#).

- Remove the 2 bolts.
- Using a suitable tie strap, support the [brake caliper](#).

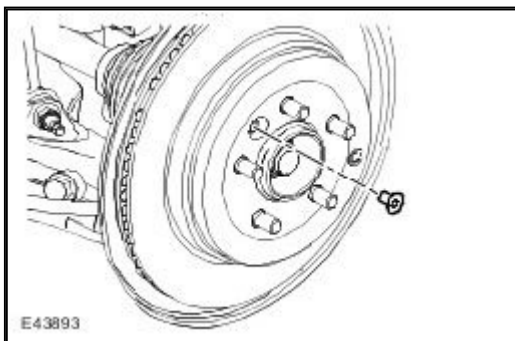


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7. Remove the RH rear brake disc.

- Remove the screw.



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CAUTION: Do not allow the [brake caliper](#) to hang on the brake hose.

8. Reposition the LH rear [brake caliper](#).

- Remove the 2 bolts.
- Using a suitable tie strap, support the [brake caliper](#).



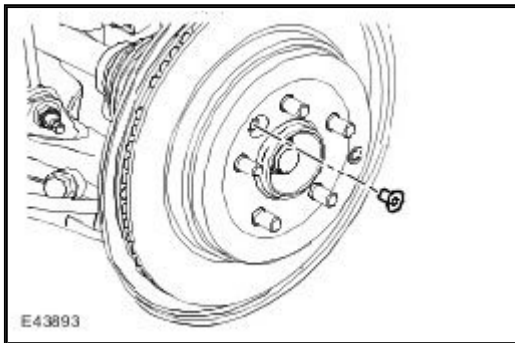


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9. Remove the LH rear brake disc.

- Remove the screw.



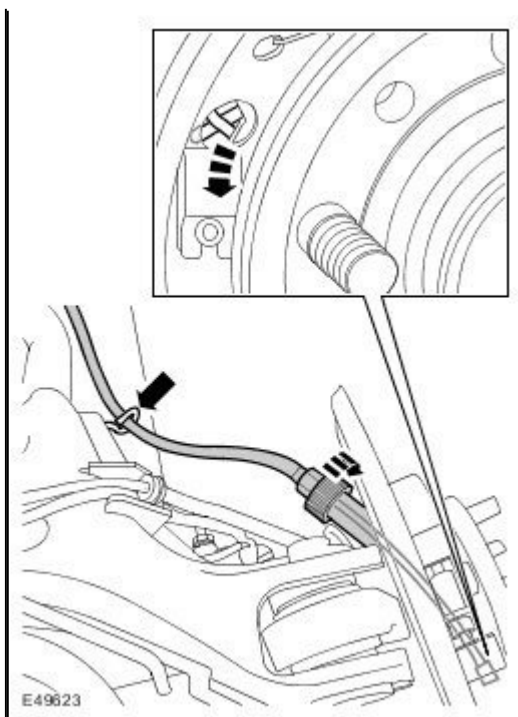
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10. Disconnect both [parking brake cables](#) from the wheel hubs.

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



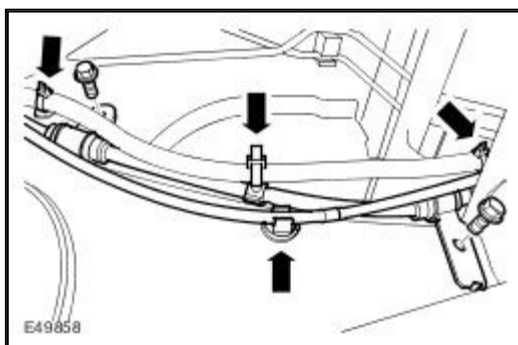


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11. Release the LH [parking brake cable](#).

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

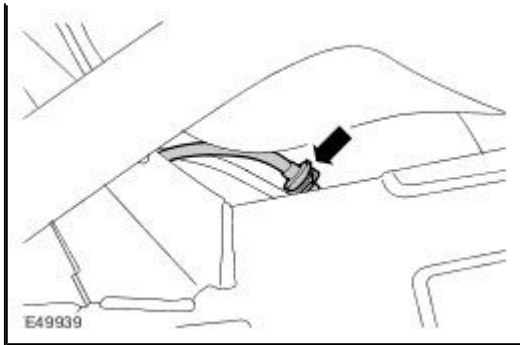


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12. Release the LH [parking brake cable](#)





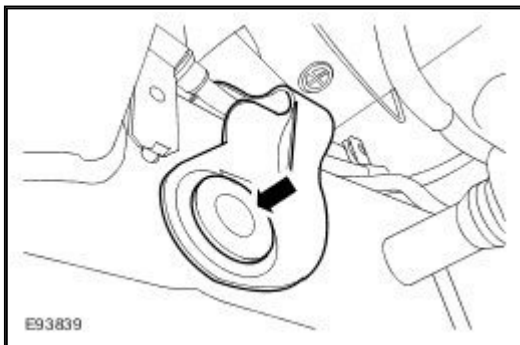
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CAUTION: The fuel tank breather line bracket can be easily damaged when releasing it from the chassis.

13. Release the fuel tank breather line bracket.

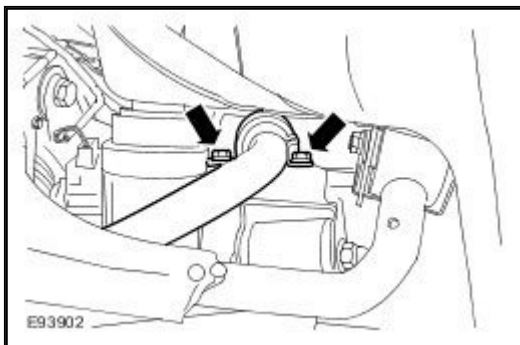
- Remove the plastic insert.



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14. Raise the RH side of the rear stabilizer bar. Loosen the 2 bolts.

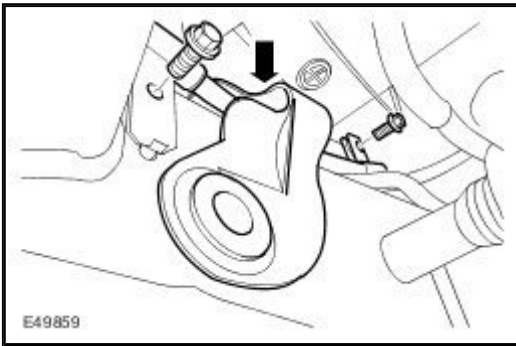


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15. Release the RH [parking brake cable](#).

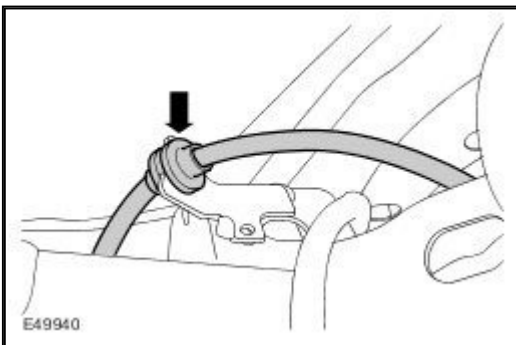
- Remove the 2 bolts.
- Release the [parking brake cable](#) from the 2 pipe clips.
- Release the cable from the clip on the chassis.



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16. Release the RH [parking brake cable](#).

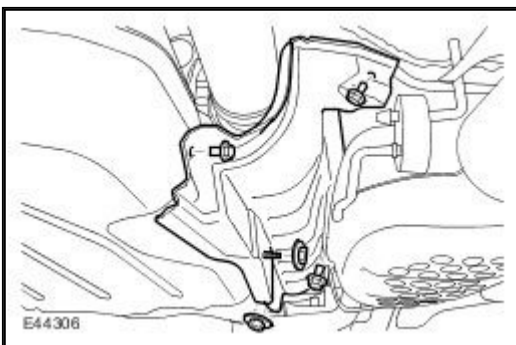


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17. Remove the fuel tank heat shield.

- Remove the 3 bolts and 2 nuts.



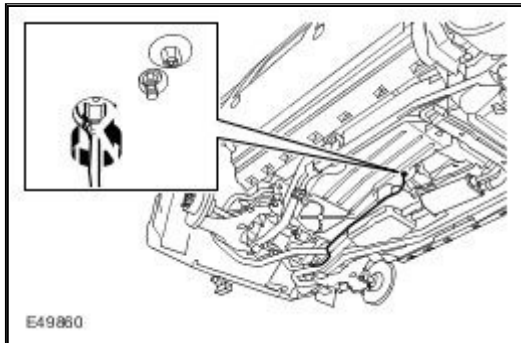
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CAUTION: Inspect the parking brake emergency release cable to body seal and replace if damaged.

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

18. Release the parking brake emergency release cable.



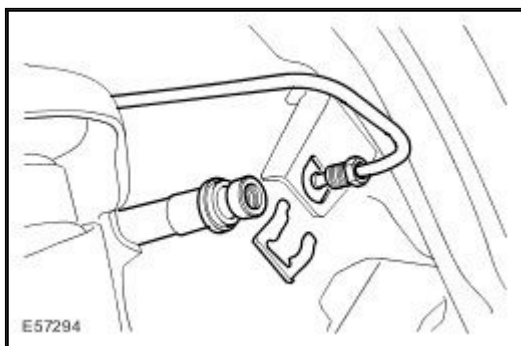
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CAUTION: Before disconnecting or removing the components, make sure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

19. RH side rear: Disconnect the brake line.

- Position an absorbent cloth to collect fluid spillage.
- Disconnect the line union.
- Remove the clip.



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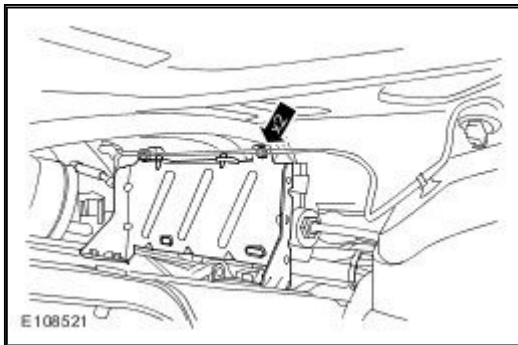
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NOTE: Note the routing of the parking brake emergency release cable.

20. Displace the parking brake actuator and cable assembly.

- Disconnect the electrical connector.

- Remove the 2 nuts.

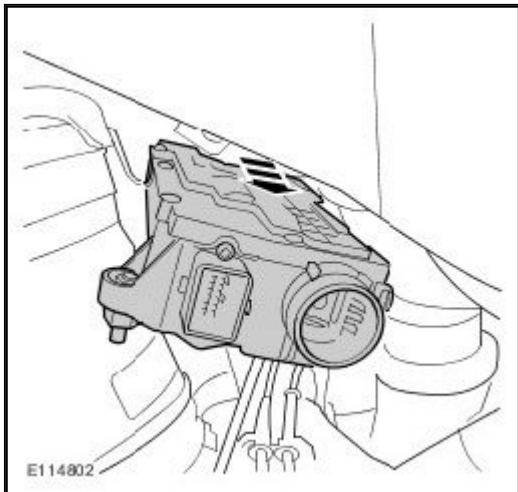


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NOTE: Brake cable shown removed for clarity.

21. Remove the parking brake actuator and cable assembly. Withdraw from the RH rear wheel arch aperture.



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Installation

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

1. Install the parking brake actuator and cable assembly.
 - Install the 2 nuts.
 - Connect the electrical connector.

NOTE: Remove and discard the blanking caps.

2. RH side rear: Connect the brake line.

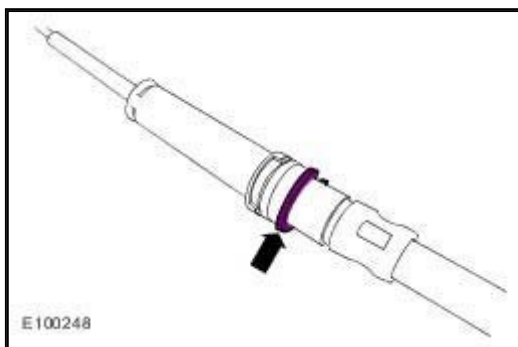
- Clean the component mating faces.
- Secure the clip.
- Tighten the brake line union to **16 Nm (12 ft. lbs.)** .

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

3. Locate and secure the parking brake emergency release cable.
4. Install the fuel tank heat shield.
 - Tighten the bolts to **6 Nm (4 ft. lbs.)** .
 - Tighten the nuts to **3 Nm (2 ft. lbs.)** .
5. Secure the fuel tank breather line bracket.
 - Install the plastic insert.
6. Locate and secure the RH [parking brake cable](#).
 - Tighten the bolts to **22 Nm (16 ft. lbs.)** .
 - Secure the [parking brake cable](#) to the 2 pipe clips.
 - Secure the cable grommet to the integrated body frame bracket.
7. Locate and secure the LH [parking brake cable](#).
 - Tighten the bolts to **22 Nm (16 ft. lbs.)** . Secure the wiring harness.
 - Secure the cable grommet to the integrated body frame bracket.

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

8. Connect the [parking brake cables](#) to the wheel hubs.
 - Connect the cable to the brake shoe lever.
 - Locate the cable to the backplate.
 - Tighten the nut to **8 Nm (6 ft. lbs.)** .



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

9. Install the LH rear brake disc.
 - Tighten the Torx screw to **35 Nm (26 ft. lbs.)** .
10. Secure the LH rear [brake caliper](#).
 - Remove and discard the tie strap.
 - Tighten the bolts to **115 Nm (85 ft. lbs.)** .

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

11. Install the RH rear brake disc.
 - Tighten the Torx screw to **35 Nm (26 ft. lbs.)**
12. Secure the RH rear [brake caliper](#).
 - Remove and discard the tie strap.
 - Tighten the bolts to **115 Nm (85 ft. lbs.)** .
13. Adjust the [parking brake shoes](#).
14. Bleed the brake system.
15. Install the wheels and tires.
 - Tighten the wheel nuts to **140 Nm (103 ft. lbs.)** .
16. Install fuse number 8 into the BJB.
17. Using the Land Rover approved diagnostic system, calibrate the parking brake actuator on an even surface.
18. Apply and release hand brake to confirm operation.