

Description	Nm	lb-ft
Brake caliper bleed screw	14	10
Brake hose union	32	24
Brake disc retaining bolt	16	12
* Brake caliper anchor plate to hub bolts:		
Stage 1	15	11
Stage 2	Further 60°	Further 60°
Brake caliper housing to anchor plate bolts	35	26

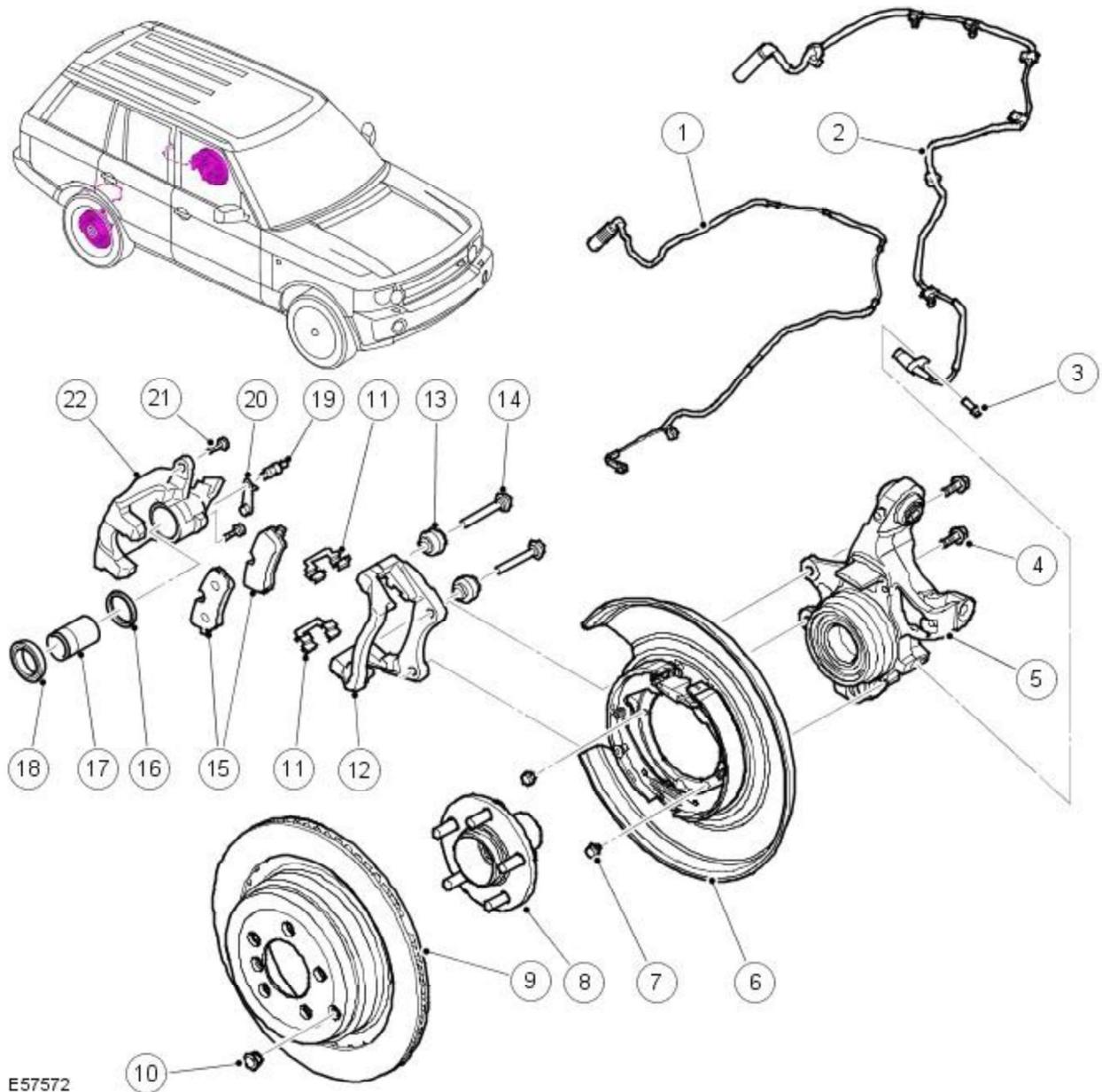
* **New bolts must be installed**

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Rear Disc Brake - Rear Disc Brake

Description and Operation

COMPONENT LOCATION



E57572

Item	Part Number	Description
1	-	Brake pad wear sensor lead
2	-	Wheel speed sensor
3	-	Wheel speed sensor cap screw
4	-	Caliper bolt (2 off)
5	-	Rear hub
6	-	Backplate assembly and dust shield
7	-	Dust shield screw (2 off)
8	-	Drive flange assembly
9	-	Brake disc
10	-	Brake disc holding screw
11	-	Brake pad retainer
12	-	Caliper carrier
13	-	Guide pin dust cover (2 off)
14	-	Guide pin (2 off)
15	-	Brake pad
16	-	Piston seal
17	-	Piston
18	-	Piston dust cover
19	-	Bleed screw
20	-	Bleed screw dust cap
21	-	Guide pin bolt (2 off)
22	-	Caliper body

OVERVIEW

All models feature the same rear disc brake, consisting of a single piston brake caliper, a ventilated brake disc and a dust shield (integrated as part of the parking brake).

The brake caliper is attached to the rear of the hub. The brake pads are made from an asbestos free material. The inboard brake pad of the right rear brake incorporates a wear sensor.

When hydraulic pressure is supplied to the caliper, the piston extends and forces the inner pad against the disc. The caliper body reacts and slides on the guide pins to bring the outer pad into contact with the disc.

The rear brake pad wear sensor is connected in series with the rear brake pad wear sensor, in a circuit connected to the instrument cluster. When a brake pad incorporating a brake pad wear sensor is approximately 75% worn, the brake pad wear sensor goes open circuit. When the instrument cluster detects the open circuit, it illuminates the brake warning indicator (red), displays an appropriate warning in the message center and sounds a warning chime.

For additional information, refer to: [Information and Message Center](#) (413-08 Information and Message Center, Description and Operation).

At the beginning of each ignition cycle, the instrument cluster performs a 2 second bulb check of the brake warning indicator. The indicator is illuminated amber for 1 second then red for 1 second.

Rear Disc Brake - Brake Disc

Removal and Installation

Removal



CAUTION: Brake discs must be renewed in pairs, unless one disc requires changing before 1000 miles (1500 kilometers) from new.

• **NOTE:** If the parking brake shoes or the brake discs have been removed for access to other components then DO NOT carry out the bedding in procedure.

1. Using the Land Rover approved diagnostic system, drive the parking brake to the mounting position.
2. Disconnect the battery ground cable.
For additional information, refer to: Specifications (414-00, Specifications).

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

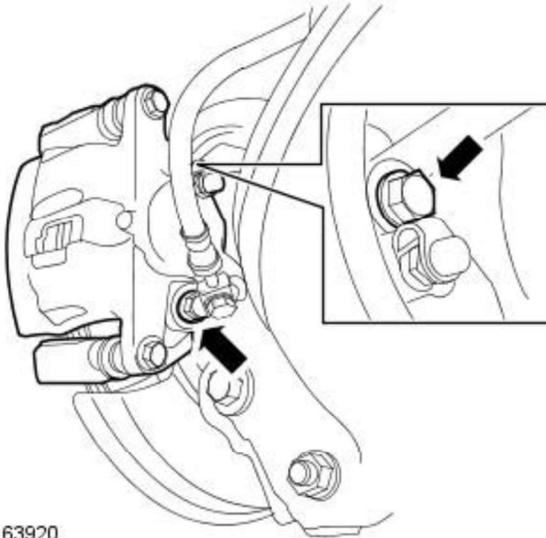
Raise and support the vehicle.

4. Remove the rear wheels and tires.

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

Release the brake caliper.

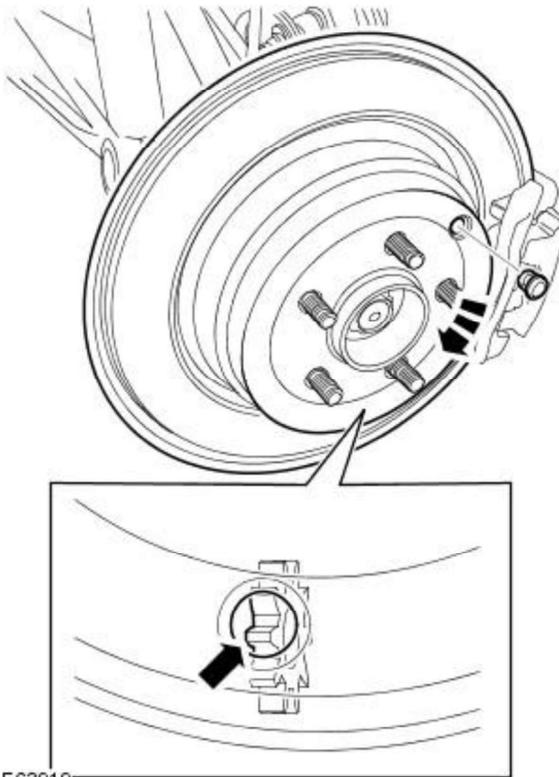
- Remove and discard the 2 bolts.
- Tie the brake caliper aside.

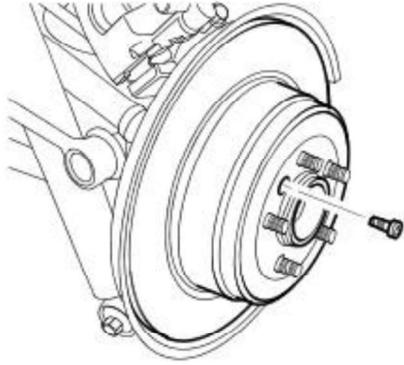


6. **NOTE:** Rotate the rear brake disc to locate the parking brake shoe adjuster.

Release the parking brake shoe adjustment.

- Remove the parking brake shoe adjuster access plugs.
- Rotate the parking brake shoe adjuster.





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7. Remove the rear brake disc.

- Remove the Allen screw.

Installation

- 1.** Make sure that the rear brake disc and hub mating surfaces are clean.

- 2.**  **CAUTION:** Brake discs must be renewed in pairs.

Install the rear brake disc.

- Tighten the Allen screw to 16 Nm (12 lb.ft).

- 3.** Install the brake caliper.

- Clean the component mating faces.
- Tighten the new bolts to 15 Nm (11 lb.ft), plus a further 60 degrees.

- 4.** Adjust the parking brake.

For additional information, refer to: [Parking Brake Shoe and Lining Adjustment](#) (206-05 Parking Brake and Actuation, General Procedures).

- 5.** Install the rear wheels and tires.

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

- 6.** Connect the battery ground cable.

For additional information, refer to: Specifications (414-00, Specifications).