

Rear Brake Pads

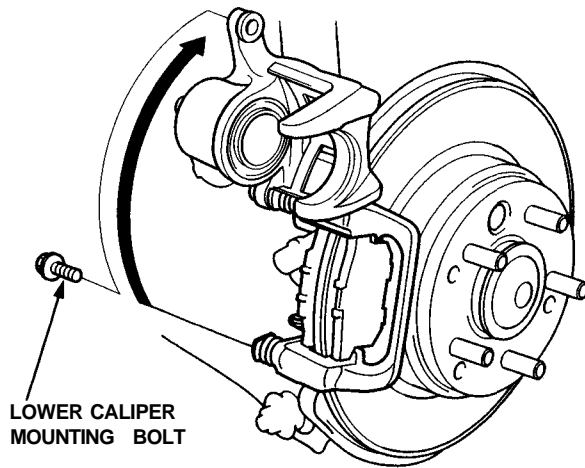
Inspection and Replacement

⚠ WARNING

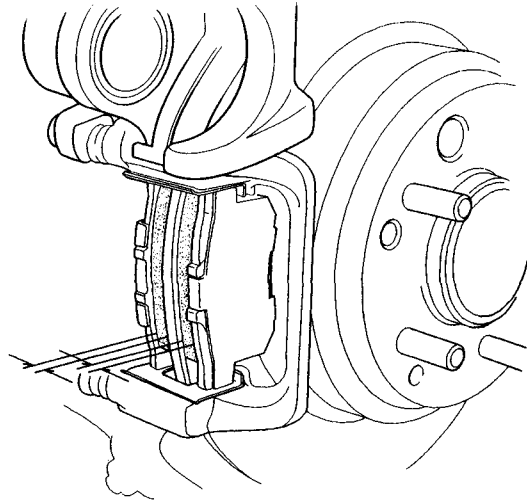
- Never use an air hose or dry brush to clean brake assemblies.
- To avoid breathing brake dust, use an OSHA-approved vacuum cleaner.

1. Block the front wheels, support the rear of the car on safety stands, then remove the rear wheels.
2. Remove the lower caliper mounting bolt and pivot caliper up out of the way.

CAUTION: Thoroughly clean the outside of the caliper to prevent dust and dirt from entering inside.



3. If the lining thickness is less than service limit, replace the brake pads as a set.

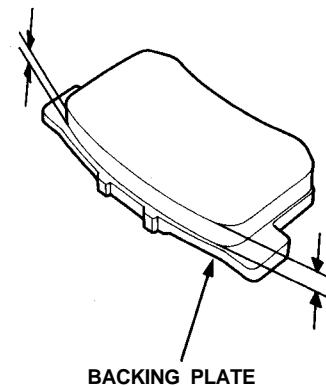


4. Remove the shims, pads and pad retainers.
5. Remove the pads and measure the thickness of each brake pad lining using a vernier caliper.

Brake Pad Thickness:

Standard: 9.0 mm (0.35 in)

Service limit: 1.6 mm (0.6 in)

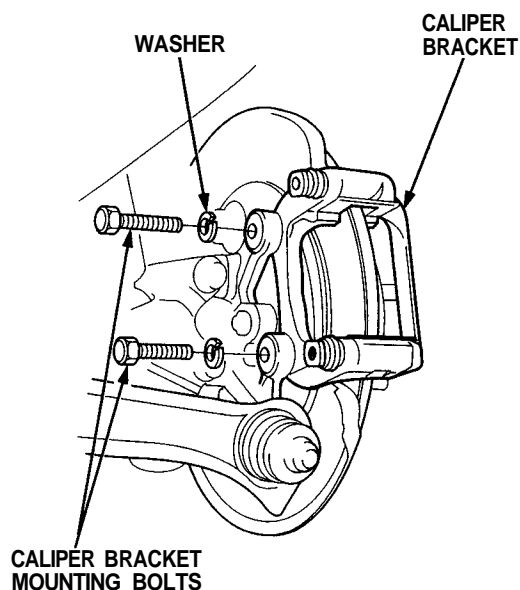


NOTE: Measurement does not include pad backing plate thickness.

6. To remove the caliper, remove the upper caliper mounting bolt and move the caliper up out of the way.

CAUTION: Support the caliper with a piece of wire so that it does not hang from the brake hose.

7. Remove the caliper bracket mounting bolts and caliper bracket.



8. Clean the caliper and bracket thoroughly; remove any rust, and check for grooves or cracks.

9. Install the caliper bracket with two caliper bracket mounting bolts and washers. Tighten the caliper bracket mounting bolt to the specified torque.

10. Install the pad retainers in the correct positions.

11. Install the new brake pads and pad shims on caliper bracket.

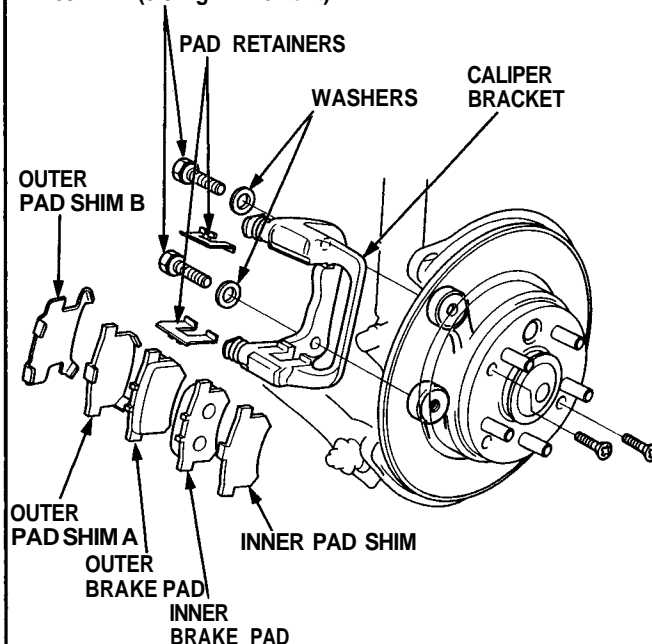
⚠ WARNING

- When reusing the pads, always reinstall the brake pads in their original positions to prevent loss of braking efficiency.
- A contaminated brake disc or pad reduces stopping ability. Keep grease off the discs and pads.

NOTE:

- Apply Molykote® 77 to the shims (see page 19-17). Wipe excess grease off the shims.
- Install the inner pad with its wear indicator facing downward.
- Make sure that the pad spring is installed onto the caliper body.

CALIPER BRACKET MOUNTING BOLTS
39 N-m (3.9 kg-m, 28 lb-ft)



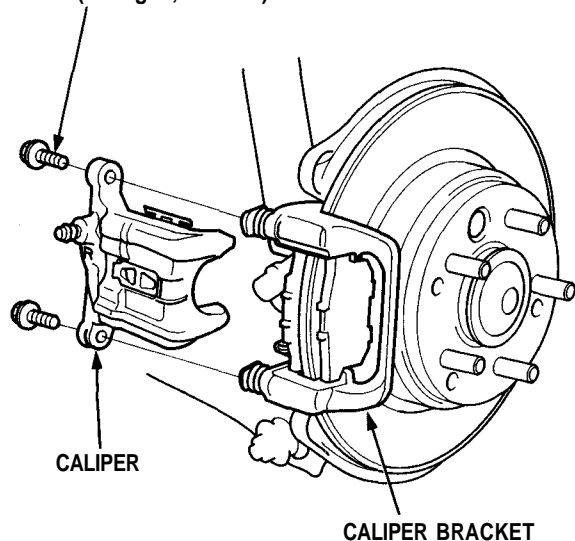
(cont'd)

Rear Brake Pads

Inspection and Replacement (cont'd)

12. Push in the piston so that the caliper will fit over the brake pads.
13. If the caliper bracket is not removed, pivot the caliper down into position, then install and torque the lower caliper mounting bolt.
If the caliper bracket was removed, set the caliper down into position, then install the caliper mounting bolts.
Tighten the bolts to the specified torque.

CALIPER MOUNTING BOLT
23 N-m (2.3 kg-m, 17 lb-ft)



NOTE: Clean the mating surface of the wheel and hub before installing the wheel.

14. Depress the brake pedal several times to make sure the brakes work, then road-test.

NOTE: Engagement of the brake may require a greater pedal stroke immediately after the brake pads have been replaced as a set. Several applications of the brake pedal will restore the normal pedal stroke.