

# Front Brake Pads

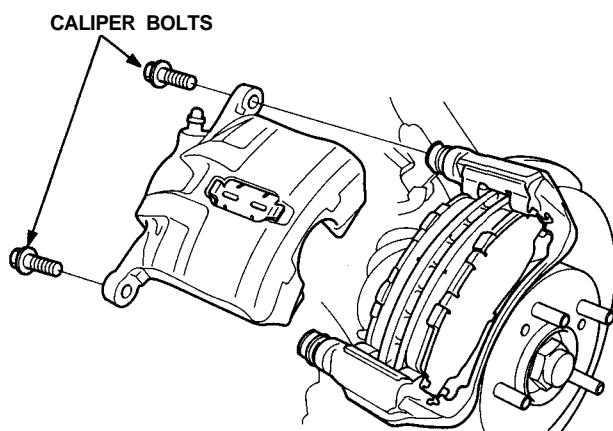
## Inspection/Replacement

### ⚠ WARNING

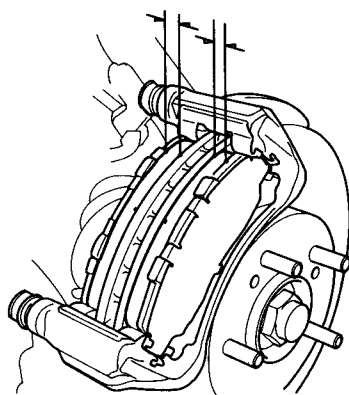
- Never use an air hose or dry brush to clean brake assemblies.
- To avoid breathing brake dust, use an OSHA-approved vacuum cleaner.

1. Loosen the front wheel lug nuts slightly, then support the front of the car on safety stands. Remove the front wheels.
2. Remove the caliper bolts and move the caliper out of the way.

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



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

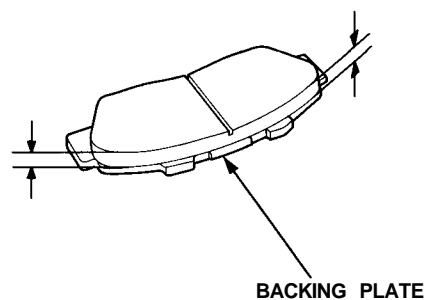


4. Remove the shims, pads and retainers.
5. Using a vernier caliper, measure the thickness of each brake pad lining.

### Brake Pad Thickness:

**Standard:** 11.0 mm (0.43 in)

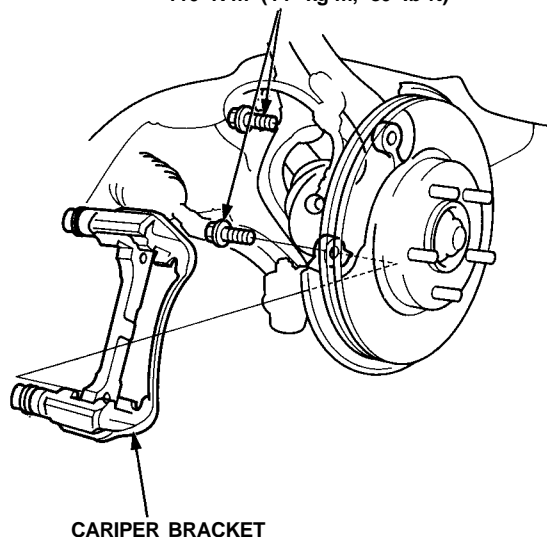
**Service Limit:** 1.6 mm (0.06 in)



**NOTE:** Measurement does not include pad backing plate thickness.

6. Remove the caliper bracket and bracket bolts.
7. Clean the caliper and bracket thoroughly; remove any rust, and check for grooves or cracks.
8. Install the bracket and bracket bolts. Tighten the bracket bolts.

**BRACKET BOLTS**  
12 x 1.25 mm  
110 N·m (11 kg-m, 80 lb-ft)



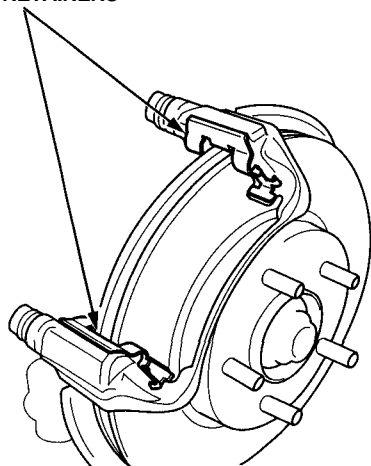
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# Front Brake Pads

## Inspection/Replacement (cont'd)

9. Install the pad retainers.

PAD RETAINERS



10. Apply Molykote® M77 to the shims and the pads as shown on page 19-6. Wipe excess grease off the shims.

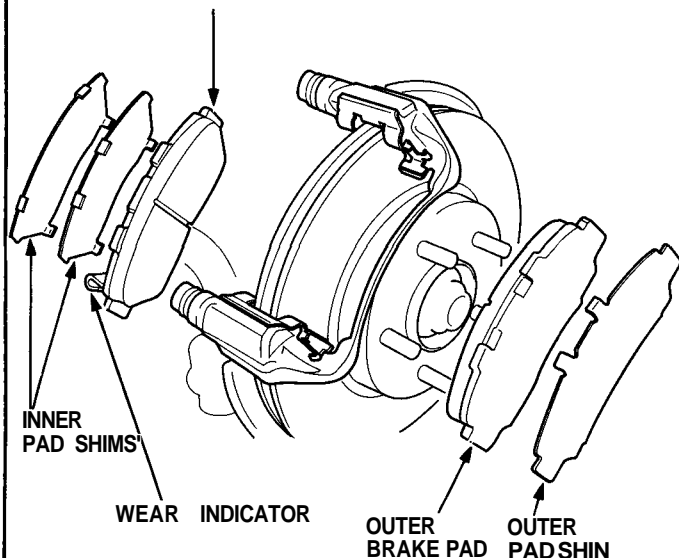
11. Install the shims to the back of the pads.

12. Install the brake pads in the bracket.

NOTE: Install the inner pad with its wear indicator facing downward.

**⚠ WARNING** When reusing the brake pads, always reinstall the brake pads in the original positions to prevent loss of braking efficiency.

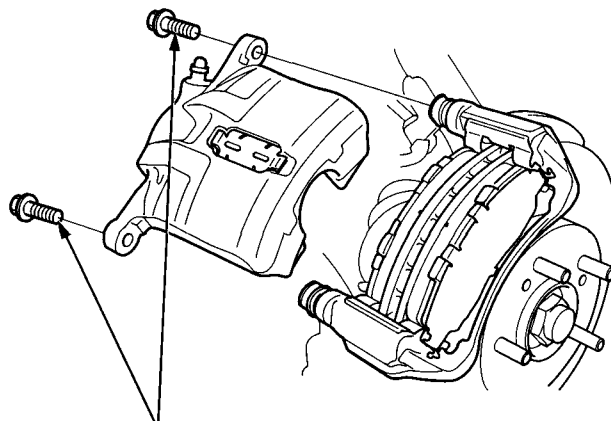
INNER BRAKE PAD



13. Push in the piston so that the caliper will fit over the pads.

14. Set the caliper down into position, then install the caliper bolts.

Tighten the bolts to the specified torque.



CALIPER BOLTS

10 x 1.0 mm

50 N·m (5.0 kg-m, 36 lb-ft)

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

NOTE:

- Clean the mating surface of the wheel and hub before installing the wheel.
- 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.

**⚠ WARNING** Contaminated brake discs or pads reduce stopping ability. Keep grease off the discs or pads.