

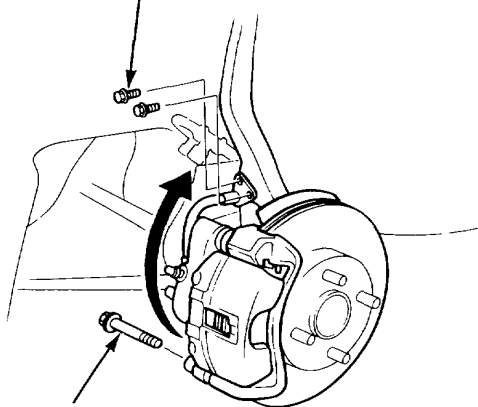
Brake Pad

Inspection/Replacement

WARNING Do not use an air hose to blow the brake assembly clean. Use the vacuum cleaner, to avoid breathing brake dust.

1. Remove the front wheels and support the front of car on safety stands.
2. Remove the brake hose clamp bolts from the knuckle.
3. Remove caliper bolt and pivot caliper up out of the way.

10 N·m (1.0 kg-m, 7 lb-ft)



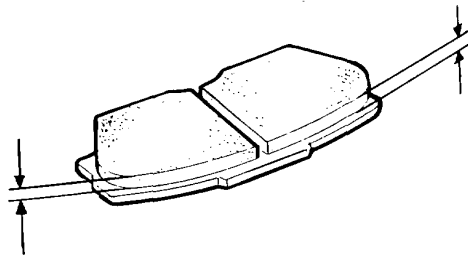
12 x 1.25 mm
50 N·m (5.0 kg-m, 36 lb-ft)

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

Brake Pad Thickness:

Standard: 9.0 mm (0.35 in)

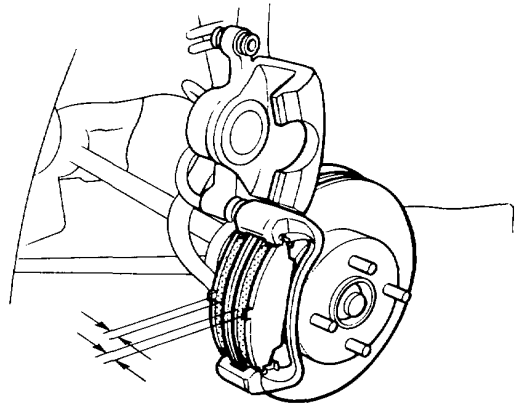
Service Limit: 3.0 mm (0.12 in)



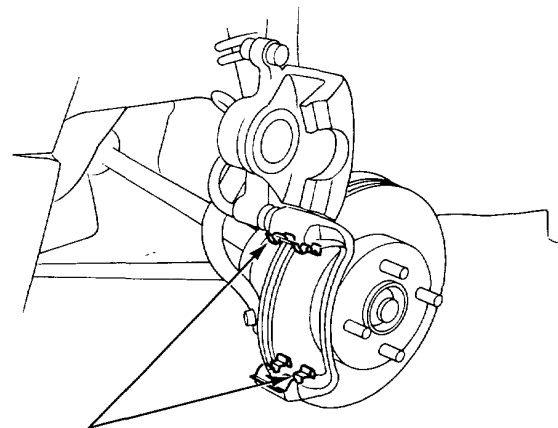
NOTE: Measurement does not include pad backing thickness.

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

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.



7. Clean the caliper thoroughly; remove any rust, and check for grooves or cracks.
8. Install the pad retainers.



PAD RETAINERS

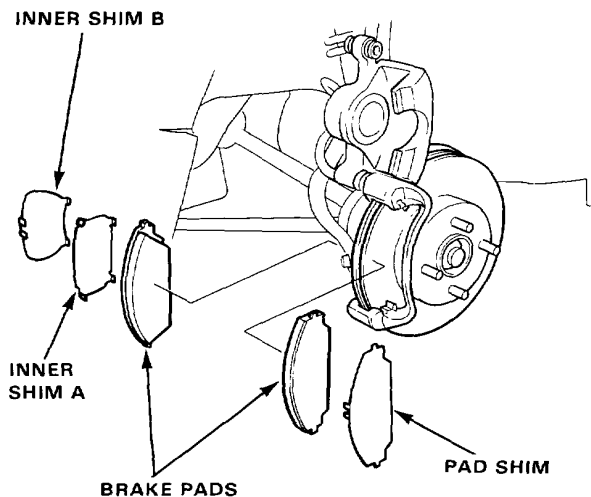


Brake Caliper

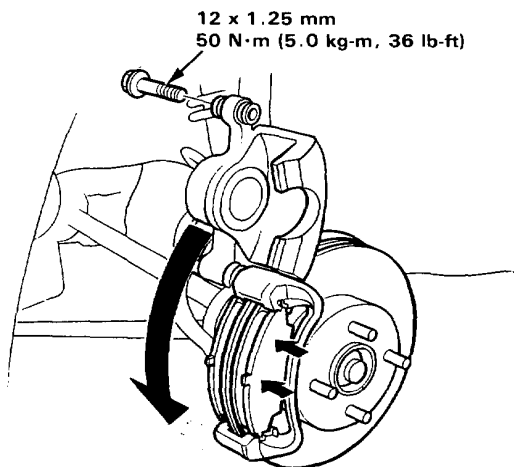
Disassembly

9. Apply Molykote M77 compound to both sides of the pad shims and back of the pads.
10. Install the brake pads and pad shims.

NOTE: Install the pad with the wear indicator on the inside.



11. Push in the piston so that the caliper will fit over the pads. Keep the boot in position to prevent damaging the boot when pivoting the caliper down.
12. Pivot the caliper down into position, then install the bolt B and tighten to 45 N·m (4.5 kg-m, 33 lb-ft).



13. Install the brake hose clamp bolts to the Knuckle.
14. Depress the brake pedal several times to make sure the brakes work, then road-test.

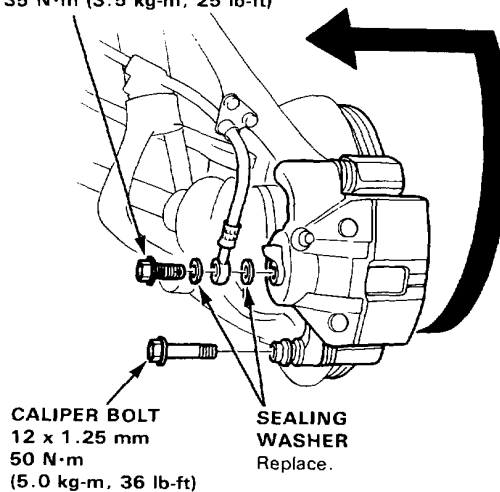
CAUTION:

- Make sure all parts are clean before reassembly.
- Use only new replacement parts.
- Use only clean brake fluid.
- Do not allow dirt or other foreign matter to contaminate the brake fluid.
- Do not mix different brands of brake fluid.
- Avoid spilling brake fluid on painted, plastic or rubber surfaces as it can damage the finish; Wash spilled brake fluid off immediately with clean water.

1. Remove the banjo bolt and disconnect the brake hose from the caliper.
2. Remove the caliper bolt, then remove the caliper.

NOTE: Avoid damaging the splash guard.

BANJO BOLT
10 x 1.0 mm
35 N·m (3.5 kg-m, 25 lb-ft)



(cont'd)