

Front Brake Pads

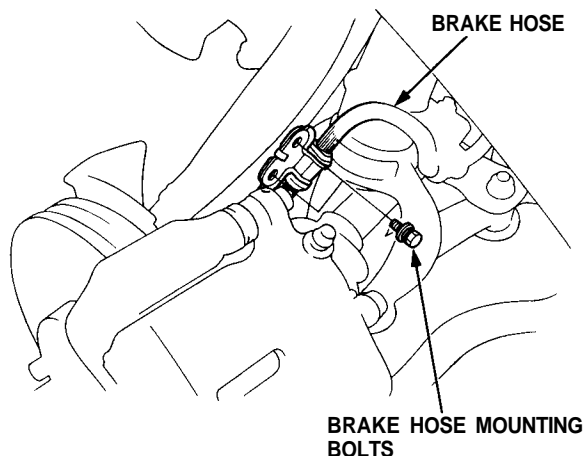
Inspection/Replacement

⚠ WARNING

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

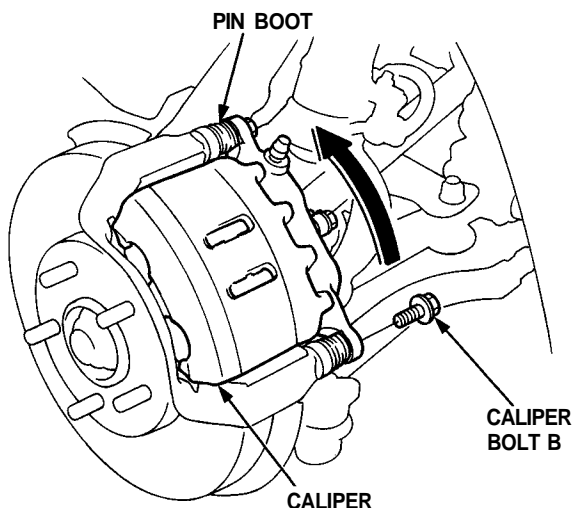
1. Loosen the front wheel nuts slightly, then support the front of the car on safety stands. Remove the front wheels.
2. Remove the brake hose mounting bolts from the front knuckle.

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

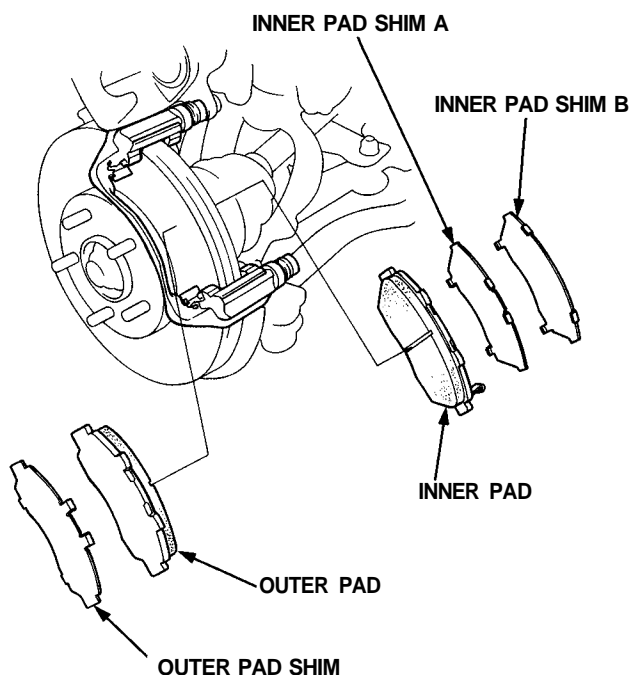


3. Remove caliper bolt B and pivot the caliper up out of the way.

NOTE: Check the hoses and pin boots for damage or deterioration.



4. Remove the pad shims, pad retainers and pads.



5. Using vernier calipers, measure the thickness of each brake pad lining.

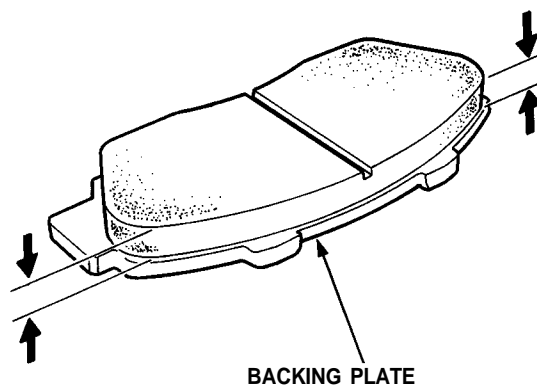
Brake Pad Thickness:

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

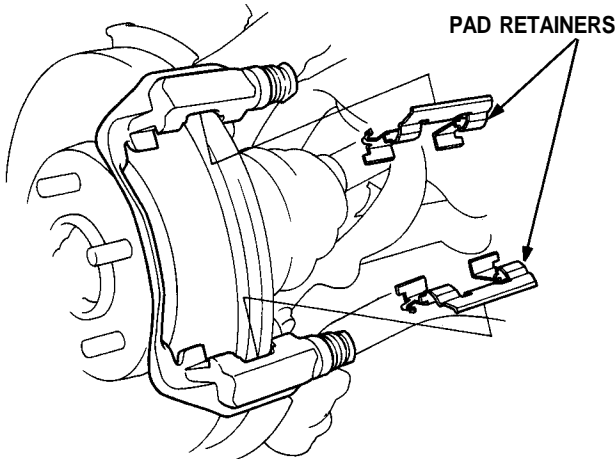


(cont'd)

Front Brake Pads

Inspection/Replacement (cont'd)

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

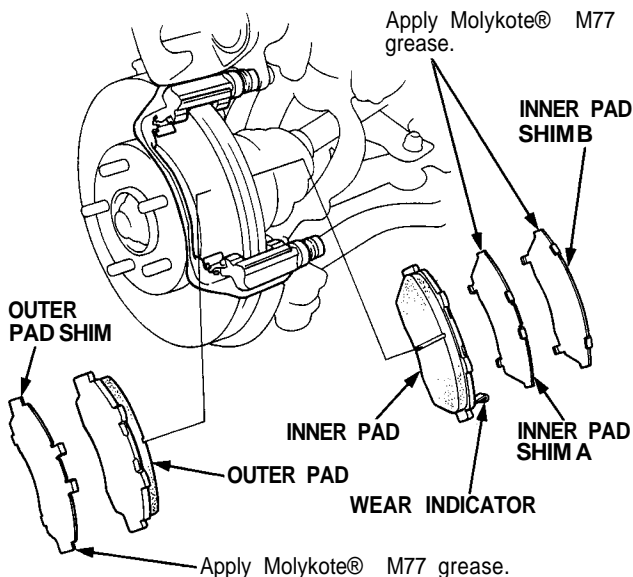


10. Apply Molykote® M77 grease to the inner side of the pad shim and the back of the pads. Wipe excess grease off the shims.
11. Install the brake pads and pad shims correctly.

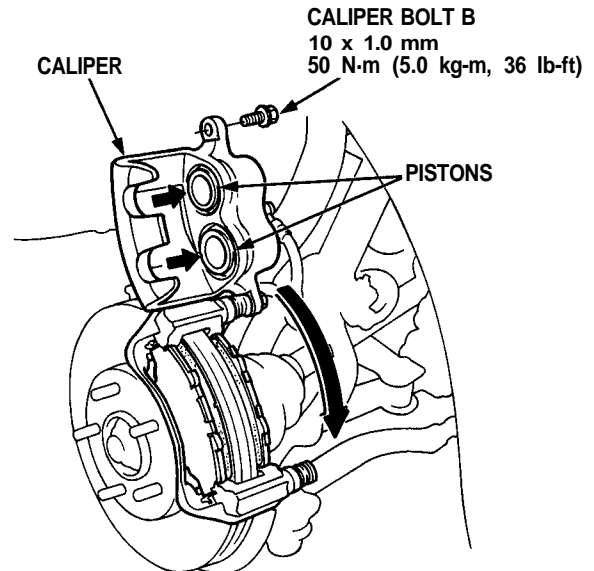
⚠ WARNING

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

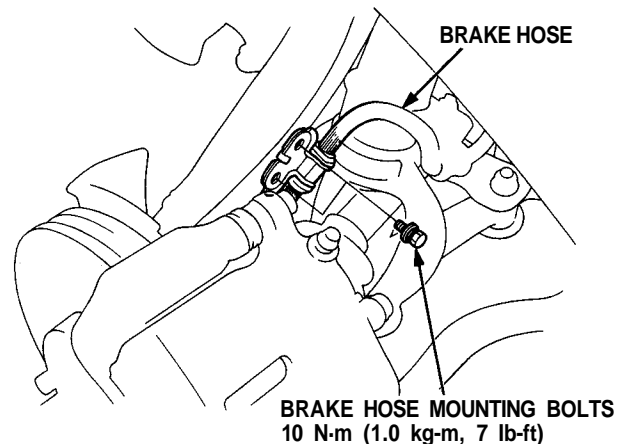
NOTE: Install the pad with the wear indicator on the inside.



12. Push in the pistons so that the caliper will fit over the pads. Make sure that the piston boots are in position to prevent damaging them when pivoting the caliper down.
13. Pivot the caliper down into position, then install caliper bolt B and tighten it.



14. Install the brake hose on the front knuckle.



15. 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.

16. After installation, check for leaks at hose and line joints or connections, and retighten if necessary.