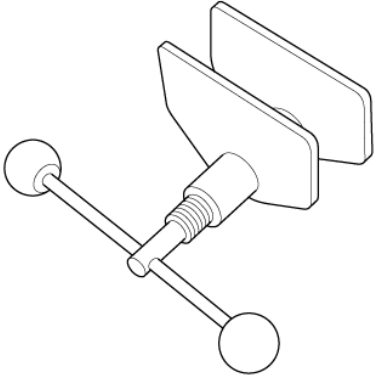


Front Brake Pad Removal and Installation

Special Tool Required

Image	Description/Tool Number
	Brake Caliper Piston Compressor 07AAE-SEPA101

Removal

CAUTION

Frequent inhalation of brake pad dust, regardless of material composition, could be hazardous to your health.

- Avoid breathing dust particles.
- Never use an air hose or brush to clean brake assemblies. Use an OSHA-approved vacuum cleaner.

1. Brake Fluid - Remove

1. Remove some brake fluid from the master cylinder reservoir.

2. Vehicle - Lift

1. [Raise and support the vehicle.](#)

3. Front Wheels - Remove

1. [Remove both front wheels.](#)

4. Brake Pad - Remove

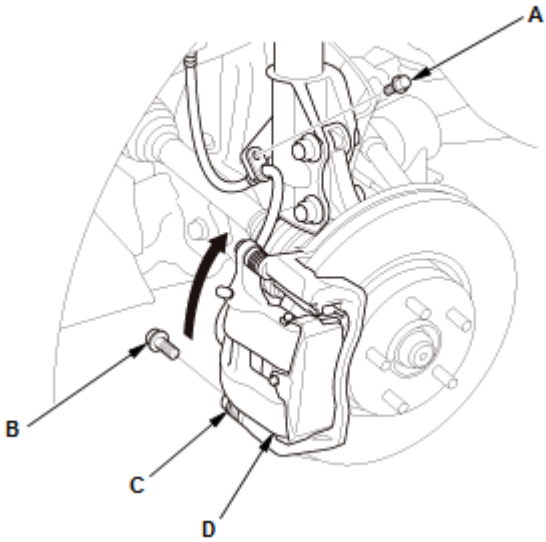
1. Remove the brake hose mounting bolt (A).
2. Remove the flange bolt (B) while holding the caliper pin (C).

NOTE: Be careful not to damage the pin boot.

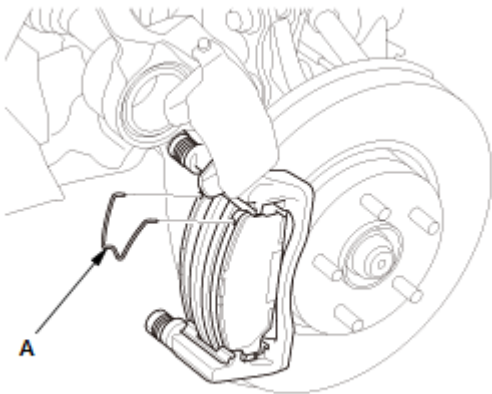
3. Pivot the caliper body (D) up out of the way.

NOTE:

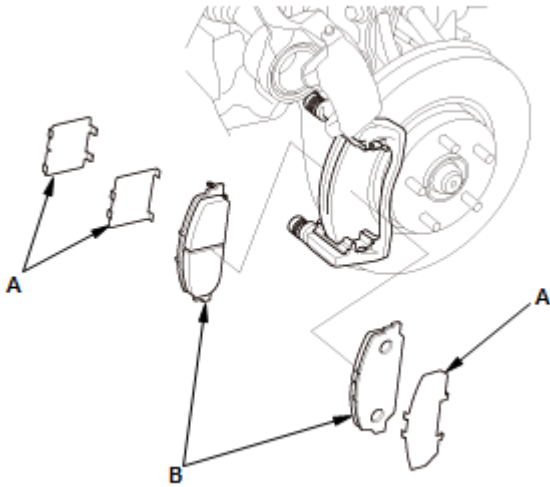
- Check the hose and the pin boots for damage and deterioration.
- Be careful when pivoting the caliper body up or the spring could pop out of position.



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4. For some models: Remove the pad return spring (A).



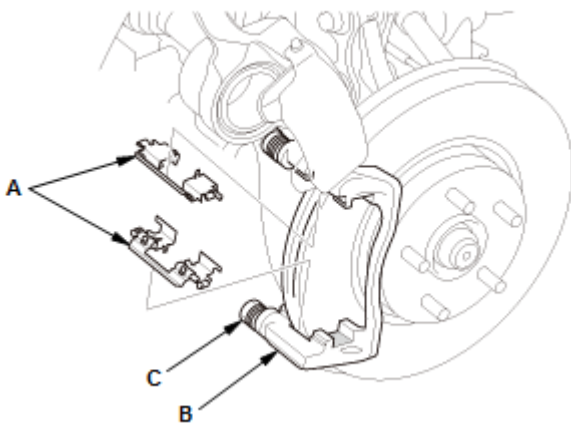
5. Remove the pad shims (A) and the brake pads (B).



6. Remove the pad retainers (A).

7. Clean the caliper bracket (B) thoroughly; remove any rust, and check for grooves and cracks.

8. Verify that the caliper pins (C) move in and out smoothly. Clean and lube if needed.



5. Brake Disc - Inspect

1. [Inspect the brake disc for runout, thickness, and parallelism.](#)

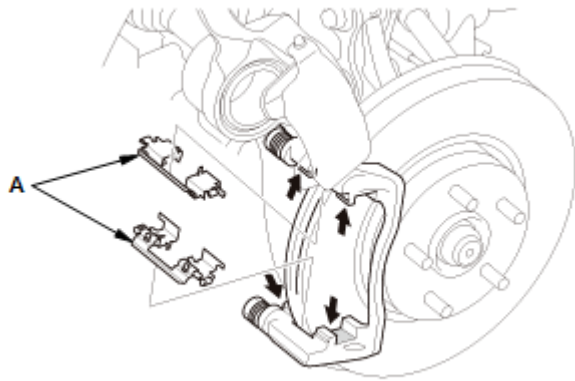
Installation

CAUTION

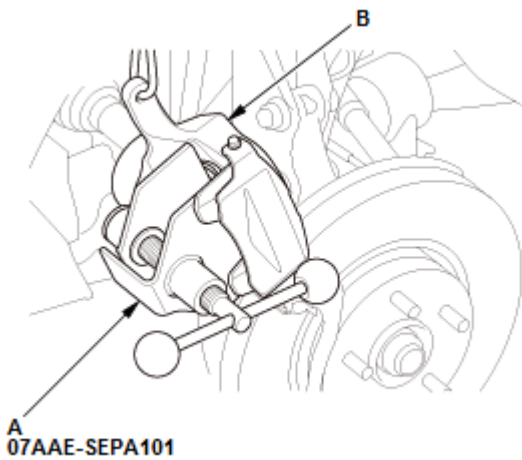
Frequent inhalation of brake pad dust, regardless of material composition, could be hazardous to your health.

- Avoid breathing dust particles.
- Never use an air hose or brush to clean brake assemblies. Use an OSHA-approved vacuum cleaner.

1. Brake Pad - Install



1. Apply a thin coat of M-77 assembly paste (P/N 08798-9010) to the retainer mating surface of the caliper bracket (indicated by the arrows).
2. Install the pad retainers (A).
3. Wipe off the excess assembly paste from the retainers. Keep the assembly paste away from the brake disc and the brake pads.



4. Install the brake caliper piston compressor tool (A) on the caliper body (B).
5. Press in the piston with the brake caliper piston compressor tool.

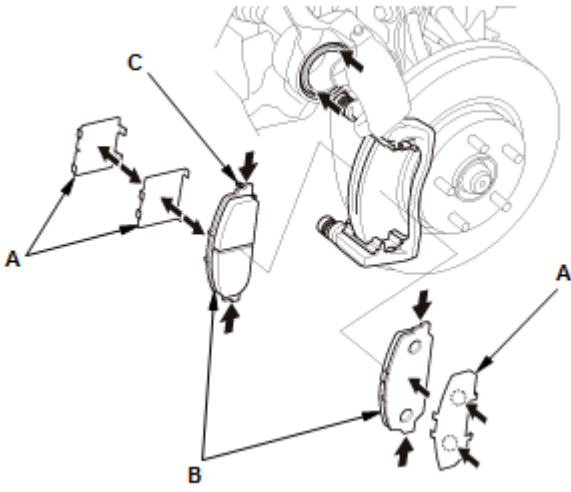
NOTE: Be careful when pressing in the piston; brake fluid might overflow from the master cylinder's reservoir. If brake fluid gets on any painted surface, wash it off immediately with water.

6. Remove the brake caliper piston compressor tool.

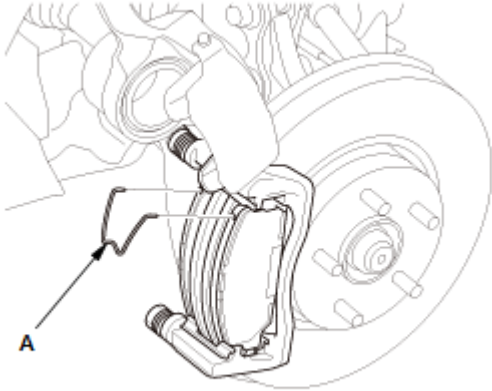
7. Apply a thin coat of M-77 assembly paste (P/N 08798-9010) to the pad side of the shims (A), the back of the brake pads (B), and the other areas indicated by the arrows.
8. Wipe off the excess assembly paste from the pad shims and brake pads friction material. Keep grease and assembly paste away from the brake disc and brake pads. Contaminated brake disc or brake pads reduce stopping ability.
9. Install the brake pads and pad shims correctly. Install the brake pad with the wear indicator (C) on the upper inside position.

NOTE: If you are reusing the brake pads, always reinstall

the brake pads in their original positions to prevent a temporary loss of braking efficiency.



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10. For some models: Install the pad return spring (A).

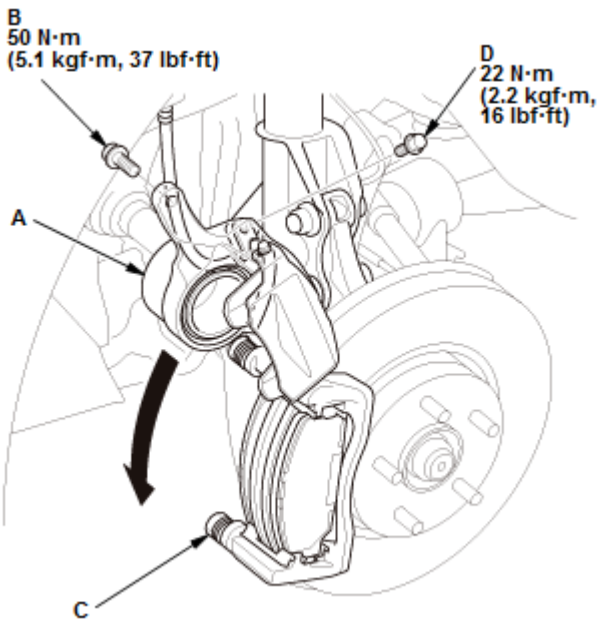


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11. Pivot the caliper body (A) down into position.
 12. Install the flange bolt (B), and tighten it to the specified torque while holding the caliper pin (C).

NOTE: Be careful not to damage the pin boot.

13. Install the brake hose mounting bolt (D).
14. Press the brake pedal several times to make sure the brakes work.

NOTE: Engagement 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.



2. Front Wheels - Install

1. [Install both front wheels.](#)

3. Brake Fluid - Refill

1. Add brake fluid as needed.

