

4B



Front Brake Caliper Disassembly and Reassembly

Refer to [Front Brake Caliper Removal and Installation](#).

[Reference: Front Brake Components](#)

⚠ CAUTION:

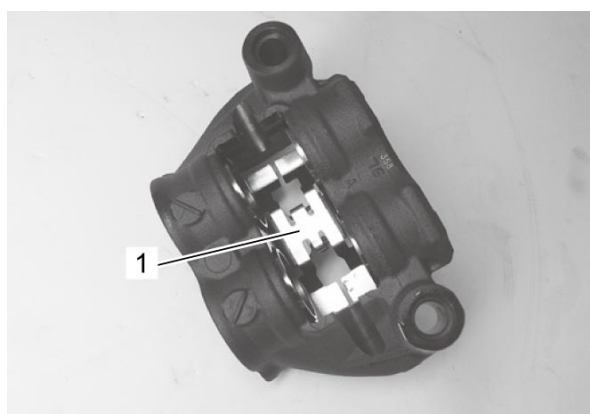
Take care not to damage piston and caliper cylinder of front brake caliper.

NOTE:

The right and left calipers are installed symmetrically and therefore the disassembly procedure for one side is the same as that for the other side.

Disassembly

- 1) Remove the brake pads.
- 2) Remove the pad spring (1).



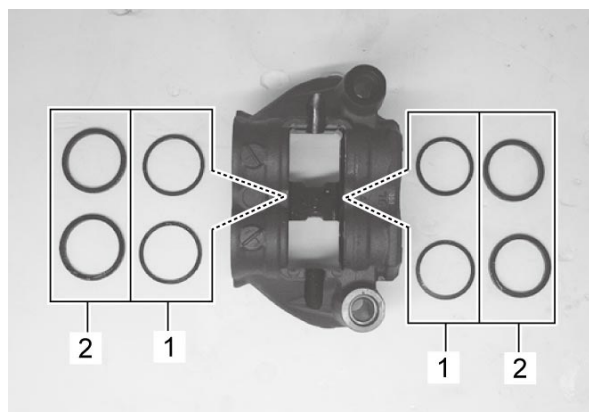
- 3) Remove the caliper pistons applying compressed air gradually from the hole for the brake hose.

⚠ WARNING:

Do not apply highly compressed air to the piston as it is. Place a cloth to prevent brake piston from jumping-out. Gradually apply compressed air. Do not place your fingers in front of brake piston while applying compressed air.



- 4) Remove the dust seals (1) and piston seals (2).



Reassembly

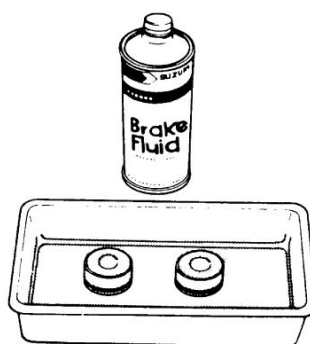
Reference: Front Brake Caliper Parts Inspection

- 1) Wash the caliper bores and pistons with specified brake fluid. Particularly wash the dust seal grooves and piston seal grooves.

NOTICE:

- Wash the caliper components with fresh brake fluid before reassembly. Never use cleaning solvent or gasoline to wash them.
- Do not wipe the brake fluid off after washing the components.
- When washing the components, use the specified brake fluid. Never use different types of fluid or cleaning solvent such as gasoline, kerosine or the others.

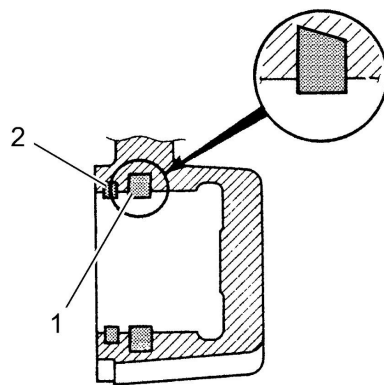
Brake fluid (DOT 4)



- 2) Apply the brake fluid to new piston seals (1) and new dust seals (2).

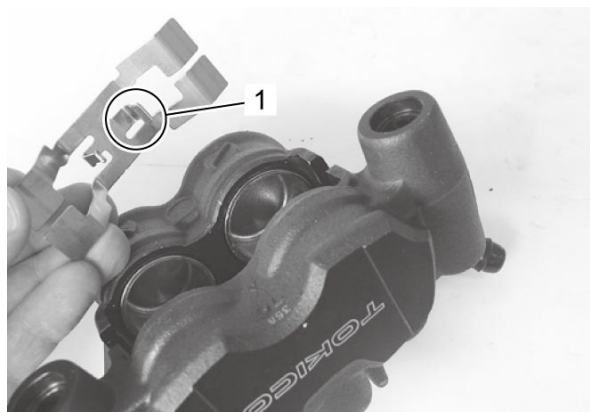
Brake fluid (DOT 4)

- 3) Install the piston seals (1) and dust seals (2).



4) Install the caliper pistons to the brake caliper.

5) When installing the spring to caliper, bring its winder side of pawl (1) face top.



6) Install the brake pads. 