

4A



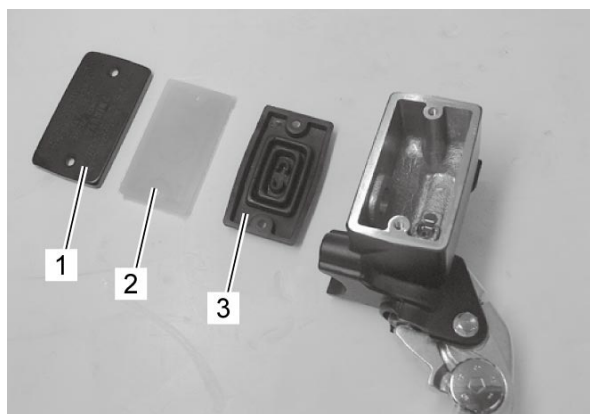
## Front Brake Master Cylinder Assembly / Brake Lever Disassembly and Reassembly

Refer to [Front Brake Master Cylinder Assembly Removal and Installation](#).

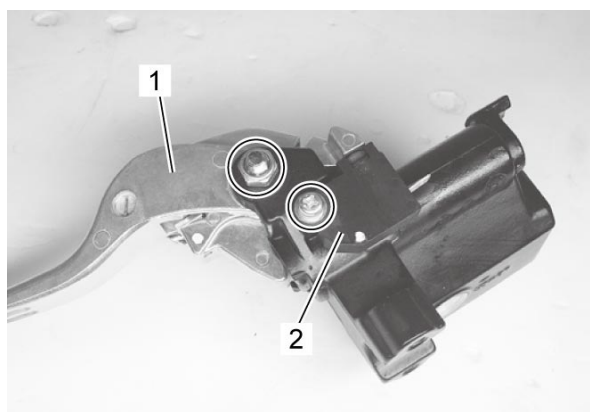
[Reference: Front Brake Master Cylinder Assembly / Brake Lever Components](#)

### Disassembly

- 1)** Remove the reservoir cap (1), plate (2) and diaphragm (3).



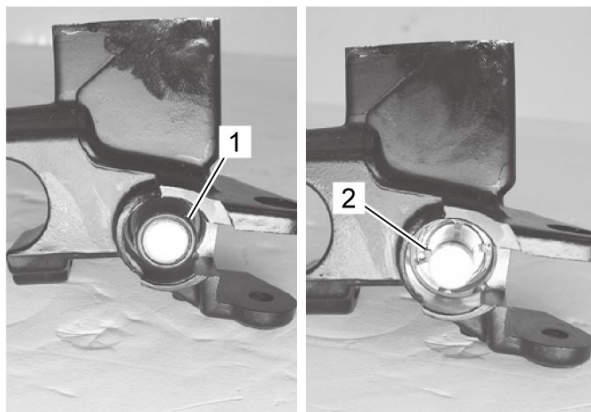
- 2)** Remove the brake lever (1) and brake light switch (2).



- 3)** Pull out the dust boot (1) and remove the snap ring (2) with the special tool.

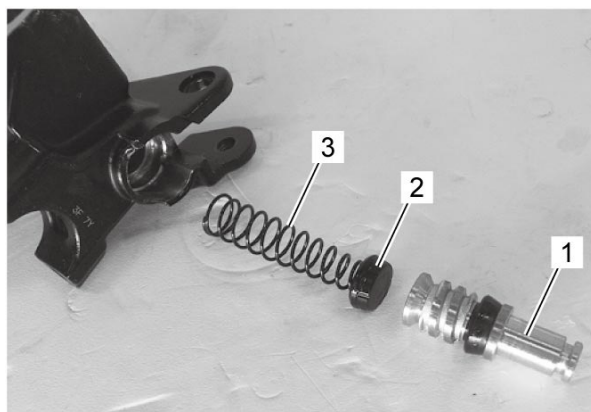
**Special Tool**

**09900-06108**



**4)** Remove the following parts from the master cylinder.

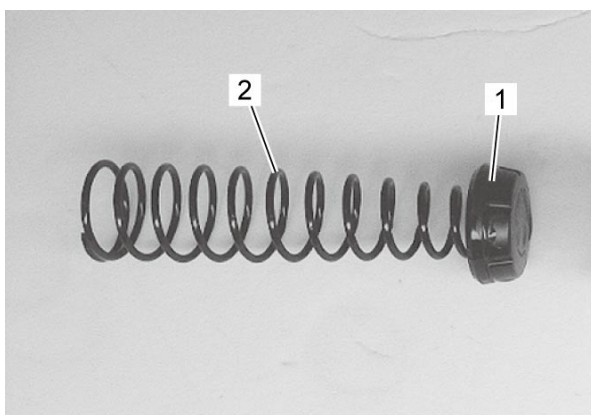
- Piston/secondary cup set (1)
- Primary cup (2)
- Return spring (3)



## Reassembly

**Reference: Front Brake Master Cylinder Parts Inspection**

**1)** Install the new primary cup (1) to the return spring (2).

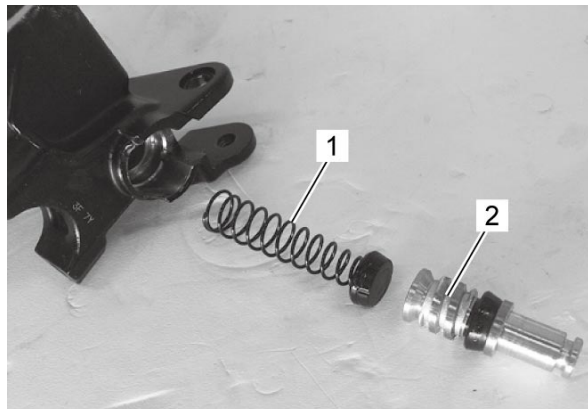


**NOTICE:**

- Wash the master cylinder components with new brake fluid before reassembly.
- 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 solvents such as gasoline, kerosine, etc.
- Apply brake fluid to the master cylinder bore and all of the master cylinder component to be inserted into the bore.

**Brake fluid (DOT 4)**

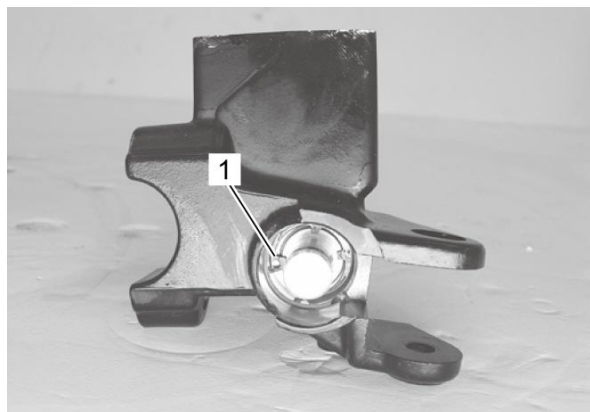
- 2)** Install the primary cup/spring (1) and new secondary cup/piston (2) to the master cylinder.



- 3)** Install the new snap ring (1) with the special tool.

**Special Tool**

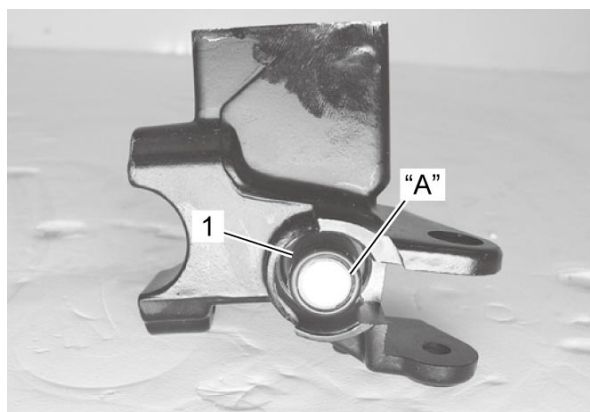
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- 4) Apply grease to the lip of the dust boot (1).

**"A": Grease 99000-25011 (SUZUKI SUPER GREASE A)**

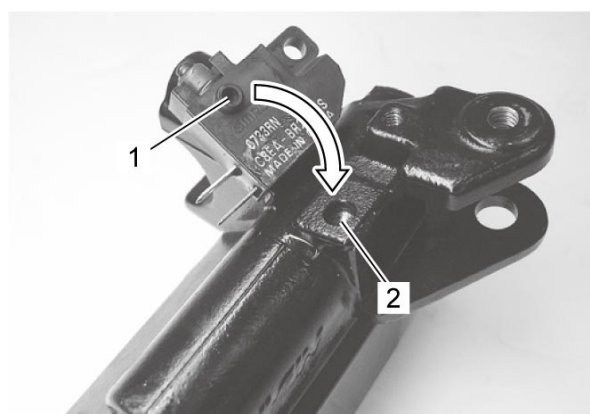
- 5) Set the dust boot (1) to the master cylinder securely.



- 6) When installing the brake light switch, align the projection (1) on the switch with the hole (2) in the master cylinder.
- 7) Tighten the brake light switch mounting screw to the specified torque.

**Tightening torque**

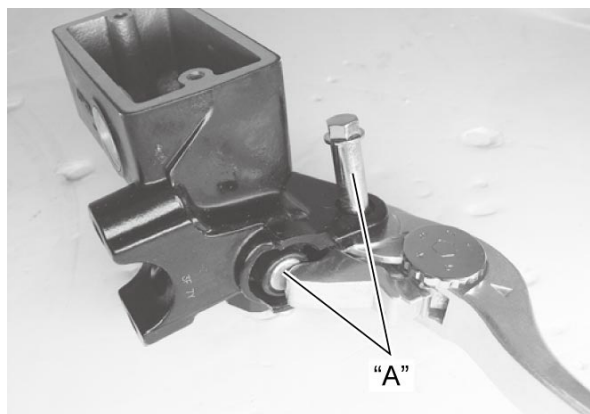
**Brake light switch screw: 1.2 N·m (0.12 kgf-m, 1.0 lbf-ft)**





- 8) Apply grease to the brake lever pivot bolt.
- 9) Apply grease to the contact point between piston and brake lever.

**"A": Grease 99000-25100 (SUZUKI SILICONE GREASE)**

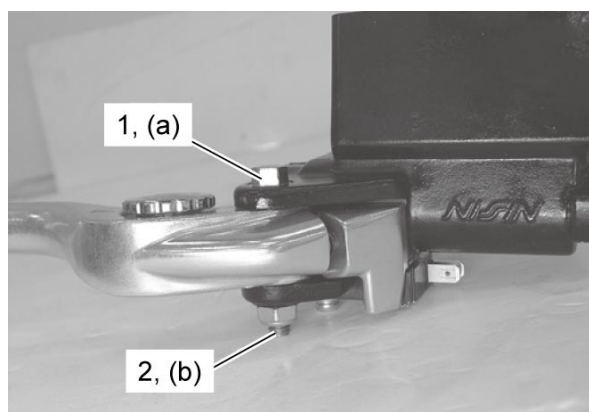


- 10) Tighten the pivot bolt (1) and new lock-nut (2) to the specified torque.

**Tightening torque**

**Brake lever pivot bolt (a): 6 N·m (0.6 kgf-m, 4.5 lbf-ft)**

**Brake lever pivot bolt lock-nut (b): 6 N·m (0.6 kgf-m, 4.5 lbf-ft)**



- 11) Install the diaphragm, plate and reservoir cap to the master cylinder.