

Brake pedal height adjustment

1. Hold the hex nut ② with a wrench and loosen the lock nut ③.
2. Remove the cotter pin ⑤ and pull out the rear brake pedal pin ⑦.
3. Turning the brake rod ④ in direction A will decrease the pedal height and turning it in direction B will increase the pedal height.

Clearance between the brake pedal arm and the footrest should be not less than 0.9 inches (5 mm). After adjusting, secure the brake rod to the pedal with the pedal pin ⑦ plain washer ⑥ and cotter pin ⑤. Always use a new cotter pin and bend the ends of the pin.

Bleeding the Brake System

When the entire system has been overhauled, when the pedal is soft or spongy or when there is any reason to believe that air has been drawn into the system, the system must be bled thoroughly. Also note that the master cylinder does not function if the fluid level is too low, and this will also introduce air into the system and the air bleeding must be carried out.

To bleed air from the brake system, proceed as follows:

1. Fill the master cylinder reservoir with brake fluid. Install the diaphragm to prevent fluid from spilling out of the reservoir.
2. Slip a bleeder pipe on the caliper bleeder valve. Place the lower end of the pipe into a clean glass jar.
3. Depress the brake pedal a full stroke until resistance is felt, and then allow it to return slowly. Repeat this procedure several times, finally holding the pedal fully depressed. Loosen the bleeder valve, and then tighten it immediately after the pedal is depressed to the frame body.
4. Repeat the step 3 several times until the fluid flows from the bleeder pipe without bubbles. Close the bleeder valve.
5. Fill the master cylinder reservoir with brake fluid up to the correct level.

NOTE: Allowing the master cylinder reservoir to empty will cause air to be drawn into the system. During the step 3 above, check the master cylinder frequently to make sure that it contains enough fluid.

6. Bleeder valve tightening torque Specified torque: 70~90 kg-cm

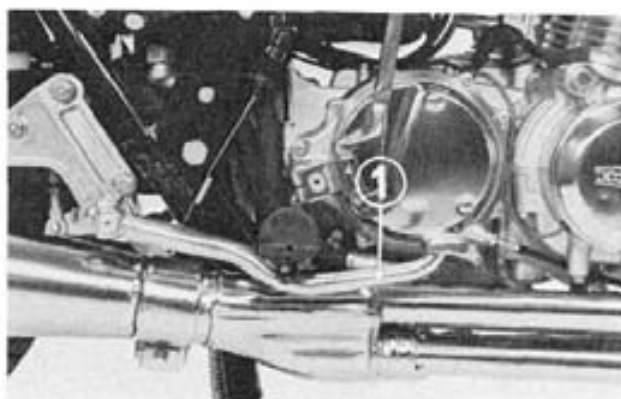


Fig. 45 ① Rear brake pedal

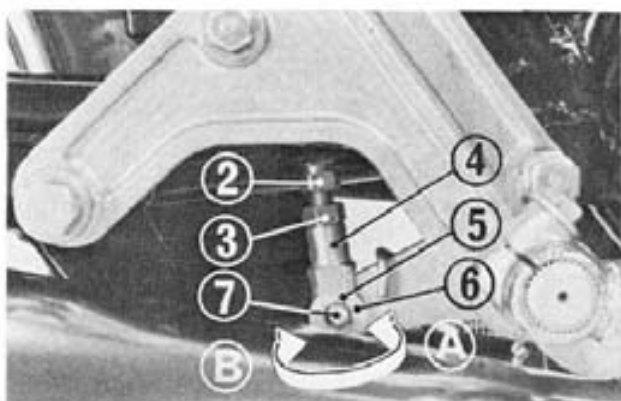


Fig. 46 ② Hex nut ⑤ Cotter pin
③ Lock nut ⑥ Plain washer
④ Brake rod ⑦ Pedal pin

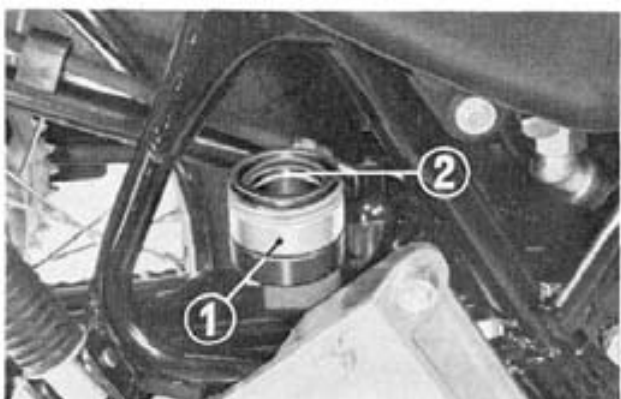


Fig. 47 ① Master cylinder ② Diaphragm

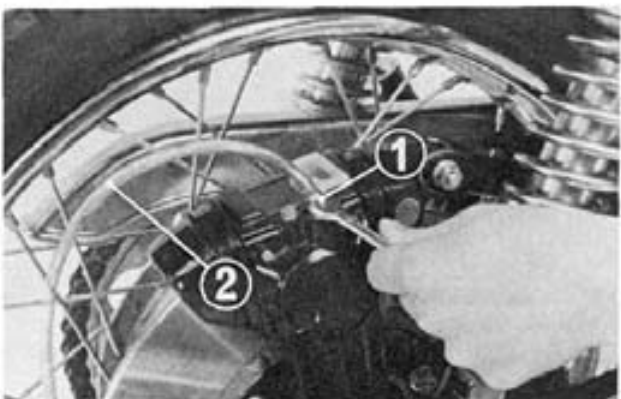


Fig. 48 ① Bleeder valve ② Pipe