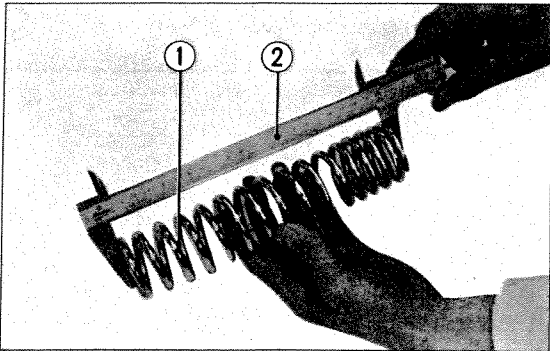
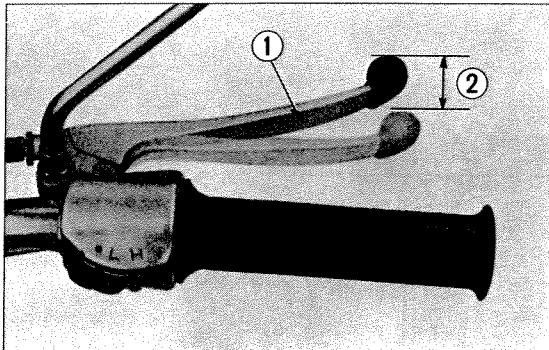


① Rear cushion
② Rear cushion disassembling & assembling tool Fig. 9-74.



① Rear cushion spring ② Vernier caliper
Fig. 9-75.



① Front brake lever ② Free play
Fig. 9-76.

A. Disassembly

1. Separate the rear cushion assembly from the frame.
2. Remove the rear cushion spring by using the rear cushion removal tool. (Fig. 9-74)

(Note)

The rear damper contains nitrogen gas under pressure, therefore, it should not be disassembled due to the extreme hazard.

B. Inspection

1. Rear cushion spring (Fig. 9-75)

Measure the free length of the rear cushion spring using a vernier caliper; replace it if beyond the serviceable limit shown below.

The spring compressive force is also shown as reference.

Model	Spring free length		Compressive force
	Standard Value	Serviceable Limit	
CB125 CL125	7.257 (184.3)	Replace if under 6.693 (170)	6.8307 in/32 lbs (173.5 mm/14.5 kg)
CB175	7.807 (188.3)	Replace if under 6.850 (174)	6.8307 in/44.1 lbs (173.5 mm/20 kg)
CL175	8.331 (211.6)	Replace if under 7.284 (185)	7.874 in/32 lbst 200mm/14.5 kg)

C. Reassembly

Reassembly is performed in the reverse order of disassembly. Install the spring so that the end with the smaller coil pitch is toward the top.

3. FRONT WHEEL

The front brake utilizes the two leading type brake shoes to provide superior braking performance.

Refer to section 4.12, page 111 of this Manual for the description of the component parts.

A. Disassembly

Refer to section 4.12B, page of this Manual for the disassembly procedure.

B. Inspection

1. Front brake pedal adjustment (disassembly is not necessary).
 - a. Place a block under the engine to raise the front wheel off the ground.
 - b. Spin the wheel by hand slowly apply the brake lever until the brake starts to take hold, measure the amount of lever travel at the tip. The standard lever travel 3/8-3/4 in (1~2 cm). (Fig. 9-76)