

6. Force the piston out of the bore in the caliper by applying compressed air in the oil hole.
7. Take out the piston seal.

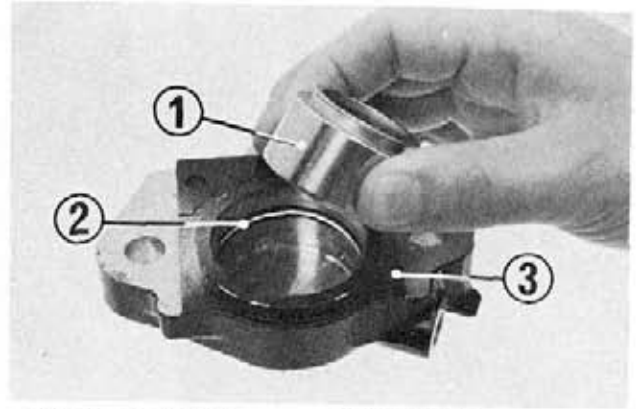


Fig. 38 ① Piston ② Piston seal ③ Caliper B

Inspection

Master Cylinder

1. Measure the ID of the master cylinder to see if it is held within the specified limits. Replace the old cylinder with a new one if it is worn excessively so that the service limit is exceeded. Use a cylinder gauge to measure the cylinder bore.

Standard value	Service limit
14.000~14.043 mm	14.055 mm

2. With the use of a micrometer, measure the OD of the piston. If wear is too great, replace with a new one.

Standard value	Service limit
13.957~13.980 mm	13.940 mm

3. Check to make sure that the primary and secondary cups are in good condition and are not scored or scratched on their sliding surfaces. Replace the cups with new ones if found to be scored or scratched too badly beyond use.
4. Check the oil for freedom from dust, dirt or any other foreign particles. If necessary, drain oil thoroughly and refill with clean oil up to the correct level.

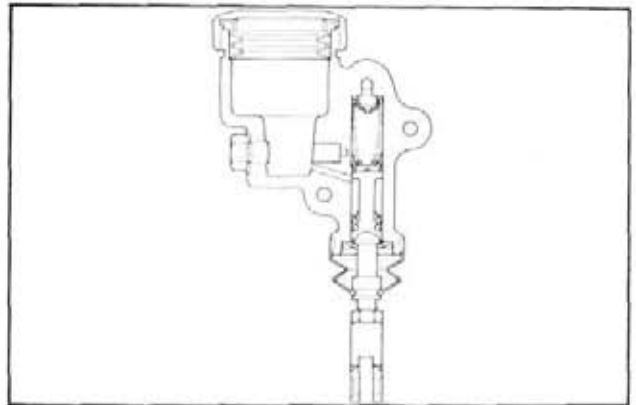


Fig. 39 ① Master cylinder

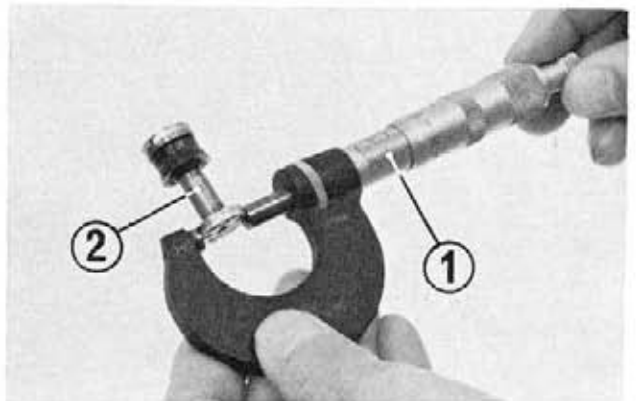


Fig. 40 ① Micrometer ② Piston

Caliper

1. Measure the bore in the caliper using a cylinder gauge. Where wear is too great, replacement is necessary.

Standard value	Service limit
38.18~38.28 mm	38.245 mm

2. Measure the OD of the piston with a micrometer. If the service limit is exceeded, the piston should be replaced with a new one.

Standard value	Service limit
38.115~38.148 mm	38.105 mm

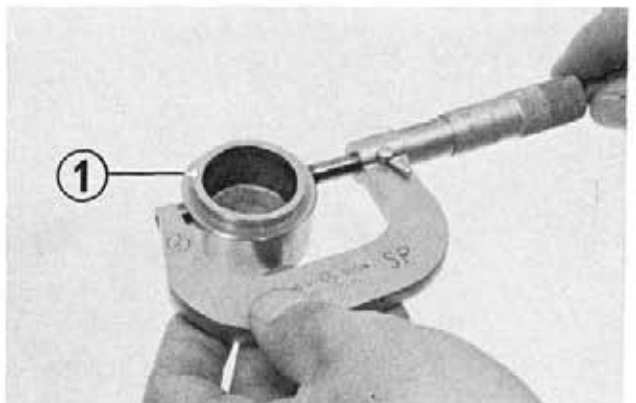


Fig. 41 ① Piston