

Fig. 11-17 ① Front fork piston
② Micrometer

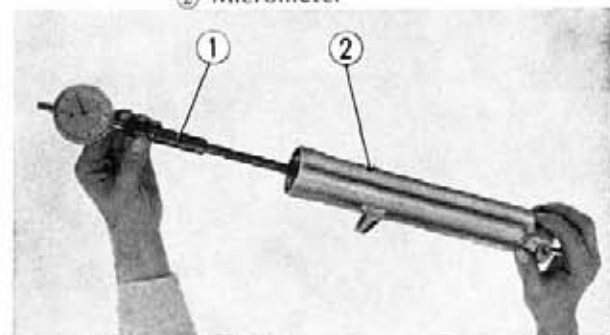


Fig. 11-18 ① Cylinder gauge ② Bottom case

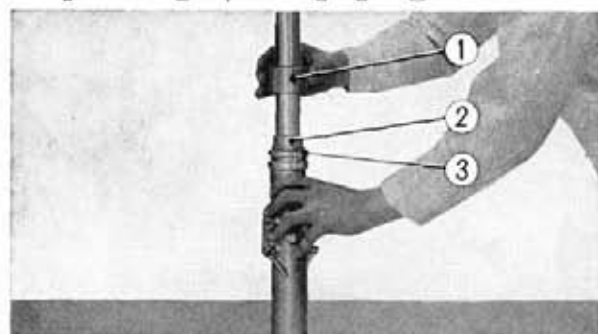


Fig. 11-19 ① Oil seal driving weight
② Oil seal driving guide
③ Oil seal



Fig. 11-20 ① Front fork assembling bar
② Front fork pipe setting bolt (8 mm)
③ Front fork pipe setting bolt (10 mm)

3. Measure the diameter of the front fork piston. Use a micrometer to perform this check and if it is found to be less than 1.551 in. (39.4 mm), the piston should be replaced. (Fig. 11-17)
4. Measure the inner diameter of the front fork bottom case. Use a cylinder gauge to perform this check and if it is found to be over than 1.562 in (39.68 mm), the front fork bottom case should be replaced. (Fig. 11-18)

d. Reassembly

1. Wash all the parts and then assemble the pipe guide, stopper rings, damper valve, piston and snap ring in that order on the front fork pipe. (Fig. 11-14)
2. Assemble the front fork pipe into the front fork bottom case and install the oil seal using the oil seal guide (Tool No. 07947-3290000). (Fig. 11-19)

Exercise care that the oil seal is not damaged during installations and install the circlip into the groove in the bottom case.

Note: To disassemble the front forks of motorcycles from Frame No. 1044650 to 2089878, proceed as follows:

- Replace the oil seals with new ones (double lip type) (Part No. 91255-341-305).

Replacement

- The employment of new oil seals abolished higherto used back-up rings due to the change in seal width.
 - Apply a coat of oil to the seals and insert them from the piston side while rotating.
3. Install the front fork upper cover on the steering stem (above and below the cushion rubbers) and insert the front fork pipe assembly through the steering stem, and temporarily tighten with the 10mm front fork setting bolt. (Fig. 11-20)
 4. Fill the front fork cylinder with 7.0~7.3 ozs (220~230 cc) of premium quality oil of SAE 10W-30 grade, and securely tighten the top filler plug after filling.
 5. Properly tighten the front fork pipe setting bolts (8, 10 mm).
 6. Adjust the front brake caliper by referring to page 147~148.