

Fig. 15-13 ① Air cleaner cover ② Wing nuts

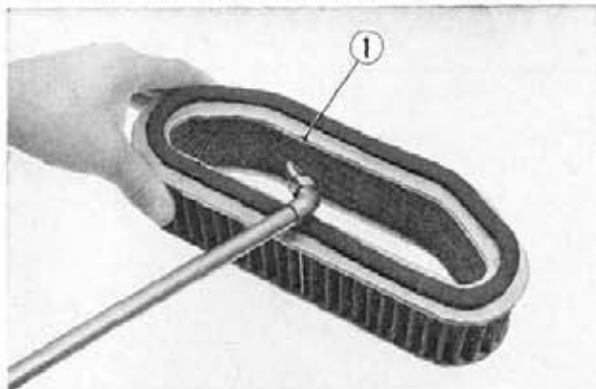


Fig. 15-14 ① Air cleaner element

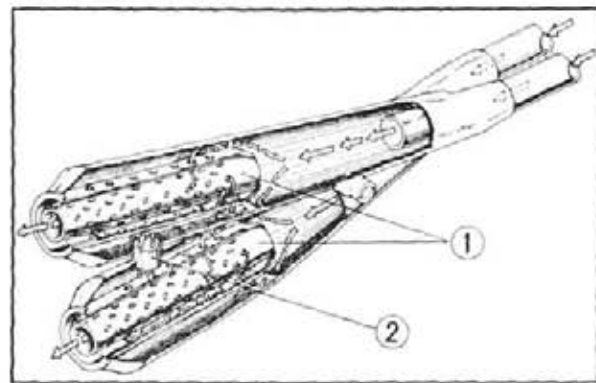


Fig. 15-15 ① Exhaust muffer  
② Muffer connecting tube

to the reduction in exhaust back pressure. (Fig. 15-15)

#### b. Disassembly

1. Loosen the 8 mm bolt on the exhaust joint and remove the pillion step bolt on both sides at the same time.
2. Loosen the muffer connecting band and disassemble the mufflers.

#### c. Inspection

1. Inspect the muffer gasket for damage.
2. Inspect the muffer for cracks, dents and other defects.

#### d. Reassembly

1. Install the exhaust pipe gasket on the cylinder head and mount the exhaust flange on the head with two 8 mm screws.
2. Install the exhaust pipe joint on the exhaust flange and mount the muffer to the frame with pillion step bolt and 8 mm bolt.

**Note:** Make sure that the muffer connecting tube is connecting the upper and lower sections of the muffer. (Fig. 2-9 on page 19)

#### b. Disassembly

1. Remove the air cleaner cover by loosening the two wing nuts and remove the air cleaner element. (Fig. 15-13)
2. Remove the air cleaner upper case by loosening the four air cleaner hose clamp screws and the two mounting bolts.

#### c. Inspection

1. Dust on the air cleaner element can be removed by tapping lightly and blowing off the loose dust particles with compressed air. (Fig. 15-14)
2. Inspect the air cleaner element to make sure that it is not damaged or clogged by soilage.
3. Also inspect the bonded section to make sure that the joints are not cracked or open.

#### d. Reassembly

1. Install the air case by screwing the two air cleaner case setting bolts.
2. Install the air cleaner to the carburetors and clamp the hoses with screws.
3. Install the air cleaner element together with the air cleaner cover and mount with the two wing nuts.

## 15-5 EXHAUST SYSTEM

#### a. Description

The CB 750 mounts on individual muffer for each of the four cylinders.

Though the mufflers have only a small expansion chamber capacity, the unique design of the exhaust system provides effective silencing without sacrifice to power output by joining the two mufflers on each side with muffer connecting tube at the silencing compartments. This effect provides an added silencing capacity, with a minimum of power loss due