

14. AIR CLEANER

1. Open the seat.
2. Remove the air cleaner cover.
3. Remove the air cleaner case by unscrewing the case fixing nut.
4. Remove the air cleaner element by unscrewing the element fixing bolt and connecting tube fixing screw.

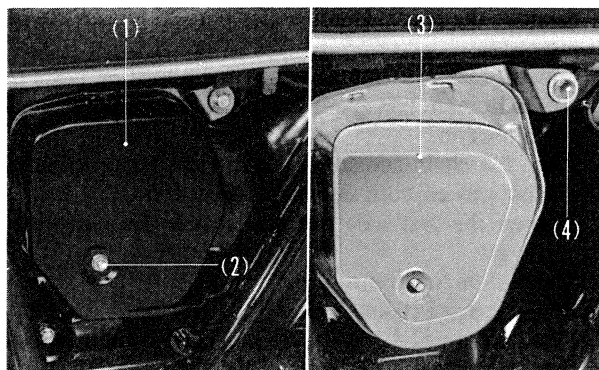


Fig. 3-43 (1) Air cleaner case
(2) Case fixing nut
(3) Element fixing bolt
(4) Fixing screw

5. Clean the air cleaner element by tapping it lightly to loosen dust. The remaining dust can be brushed from the outer element surface or blown away by applying compressed air from the inside of the element.

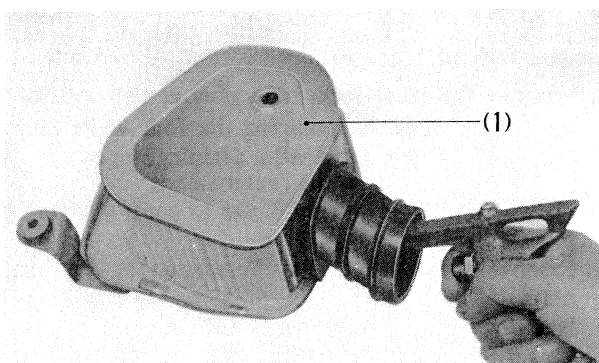


Fig. 3-44 (1) Air cleaner element

15. CYLINDER COMPRESSION PRESSURE

1. Remove the spark plug.
2. Put a compression gauge attachment into the plug hole and hold the gauge securely to prevent leaks of compressed gases.
3. Fully open the throttle and choke valves and continuously operate the kick starter vigorously and quickly.

The specified compression pressure is 12kg/sq.cm (171 lb/sq.in.)

If the actual compression pressure is above 12kg/sq.cm, it indicates that carbon is accumulated in the combustion chambers or on the piston heads. Disassemble the cylinder head and cylinder and decarbonize. If the actual pressure is below 10.5kg/sq.cm (149 lb/sq.in.), compressed gases leak from the valves, piston rings, cylinder head or cylinder gasket. Readjust the tappet clearance or disassemble the cylinder head, cylinder and pistons to check the piston rings and gaskets for condition.

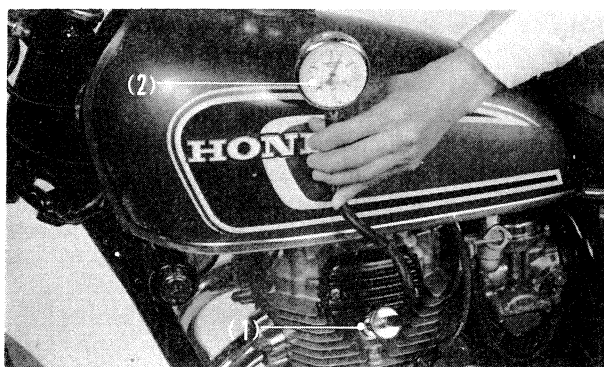


Fig. 3-45 (1) Compression gauge attachment
(2) Compression gauge