

Maintenance of Air Filter

After the motorcycle is driven for a certain distance, many dirt and foreign matter are cumulated within the housing of air filter, and the surface of filter element also adhere many dirt which will block the hole of filter element and cause decrease of air input and over strong mixed gas, leading to increasing fuel consumption, burn of oil, blue smog and driving weakness. Therefore, under normal circumstance, the filter element shall be cleansed regularly. On urban clean pavement, it is suggested that maintenance shall be conducted every half a month or after 1000km's driving; on suburban pavement or areas with much dust in the wind, it is suggested that maintenance shall be conducted every week or 300km's driving. Different materials of filter element lead to different ways of maintenance.



Location of the air filter

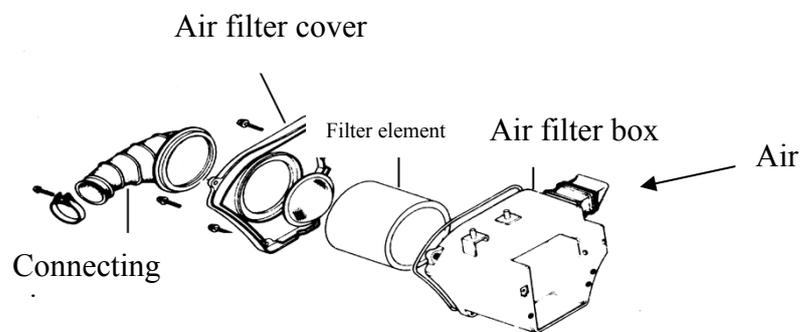


figure 1

(1) Maintenance of foamed plastic filter element (figure 1)

- Disassemble the air filter
- Dismantle the air filter and take the filter element out. Replace the damaged one in time. You can also maintain in special maintenance shop if conditions permit.
- Put the foamed plastic filter element into the kerosene or diesel to pinch and clean in order to cleanse the dust and dirt
- Extrude the kerosene or diesel within the foam. Note: don't use hands to twist and screw, or it will break the filter element (figure 2-1 right).

- If the filtering element cannot separate from support frame, it can be soaked into cleaner and keep shaking, then spin-dry.
- Soak the cleansed foam into the engine oil, and extrude the engine oil or spin-dry. When it is with a little oil, it can be installed and utilized (figure 2-2).

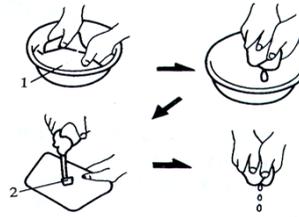


figure 2 (foamed filter element)

1. cleaner 2.lubricating oil

(2) Maintenance of papery filter element (figure 3)

- Disassemble the air filter.
- Dismantle the air filter and take the filter element out. Replace the damaged in time. You can also maintain in special maintenance shop if conditions permit.
- Remove the surface dust with hairbrush.
- Gently beat or blow with compressed air in order to remove the dust.
- The assembly and installation of air filter shall be proceeded in an opposite sequence from the disassembly. Special attention should be paid to seal at assembly and installation. The poorly-sealed air filter is the most important cause for severe malfunction of engines.

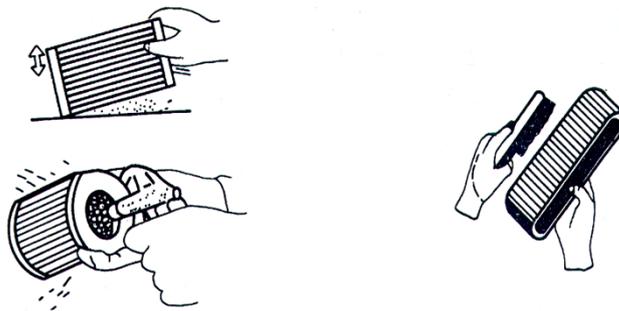


figure 3 (papery filter element)