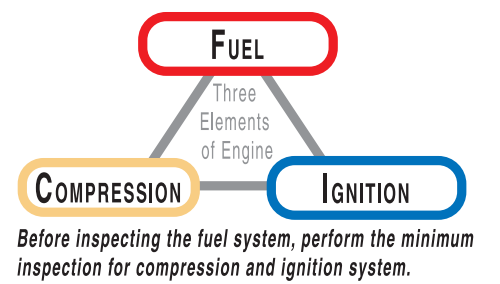
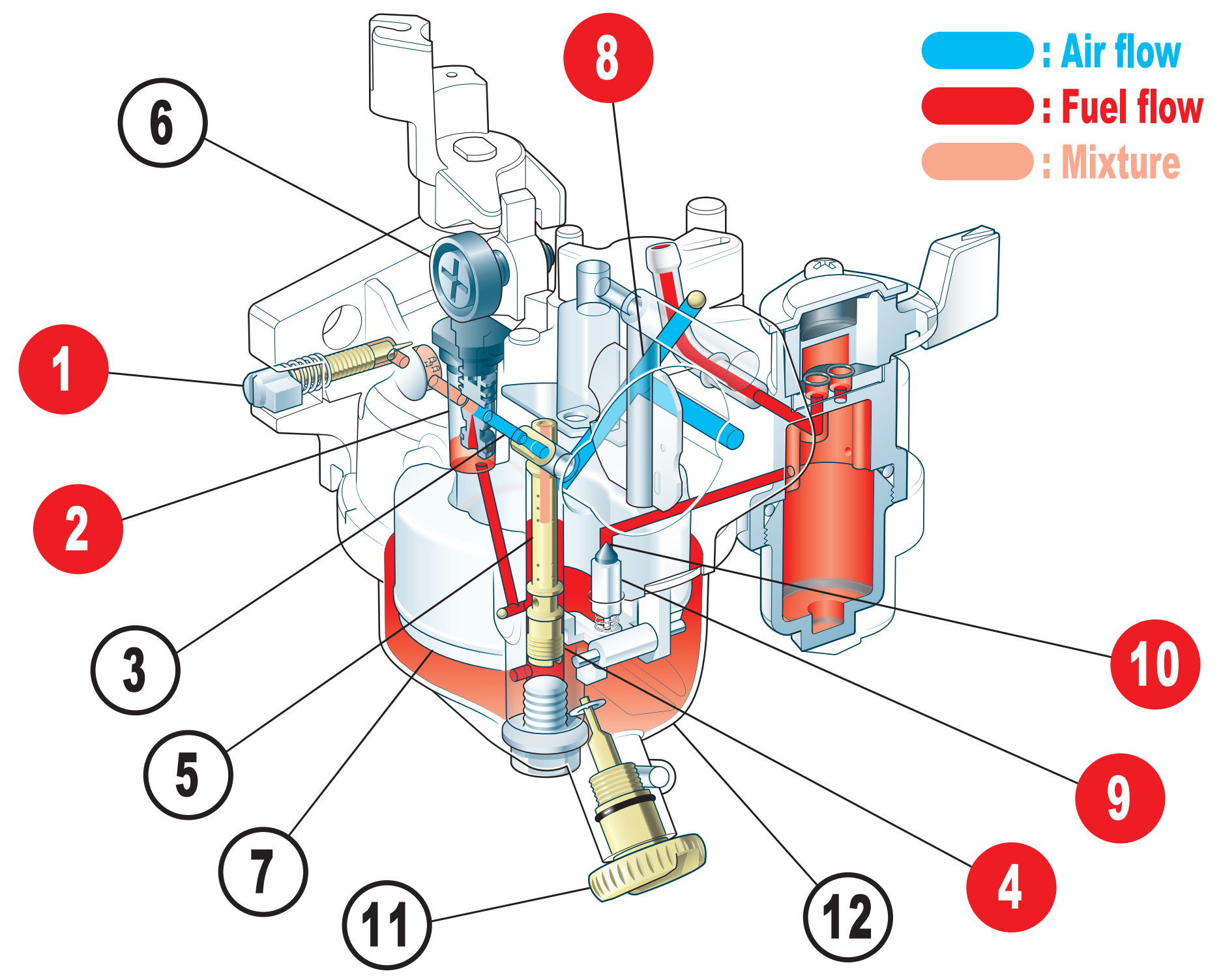


BON-P-GE-7.0HP/9.0HP/13.0HP/14.0HP/3.5HP/16HP Carburetor Check Sheet

For General Reference Only*



1 2 4 8 9 10 : Priority check Points



◆ Unstable idle speed
◆ Poor performance at low speed

1 Pilot screw clogged. Remove foreign materials/dirt. Replace pilot screw.

2 Pilot jet clogged. Remove foreign materials/dirt.

3 Pilot jet air path clogged. Remove foreign materials/dirt.

◆ Engine does not start
◆ Hard starting
◆ Engine starts but quickly stops

4 Main jet clogged. Remove foreign materials/dirt.

5 Main nozzle clogged. Remove foreign materials/dirt.

6 Throttle stop screw position incorrect. Set correct idle speed.

7 Float doesn't move properly. Remove foreign materials around float pin.

Engine storage (More than 3 months)

11 Drain gasoline from the float chamber by loosening the drain screw while the engine is stopped. Take off the strainer cup and pour gasoline in an appropriate container.

Pilot screw and limiter cap replacement

When the cap is removed, the pilot screw breaks at the middle of its thread. To remove the remaining screw, fit an appropriate rubber tube over the remaining end and turn it out.

Install a new pilot screw and set it to the number of turns specified in the shop manual. Install the limiter cap with Loctite 638.

Carburetor cleaning tool is useful for removing foreign materials/dirt.

◆ Engine speed does not increase
◆ Poor performance at high speed
◆ Unstable engine speed

1 Pilot screw clogged. Remove foreign materials/dirt. Replace pilot screw.

2 Pilot jet clogged. Remove foreign materials/dirt.

3 Pilot jet air path clogged. Remove foreign materials/dirt.

4 Main jet clogged. Remove foreign materials/dirt.

5 Main nozzle clogged. Remove foreign materials/dirt.

8 Main nozzle air path clogged. Remove foreign materials/dirt.

◆ Overflow
◆ Gasoline leaks

9 Float valve worn or coated with foreign materials/dirt. Remove foreign materials/dirt.

10 Valve seat worn or coated with foreign materials/dirt. Remove foreign materials/dirt.

Check float chamber

12 Water inside the float chamber can cause engine failure. Remove float chamber and clean or replace.