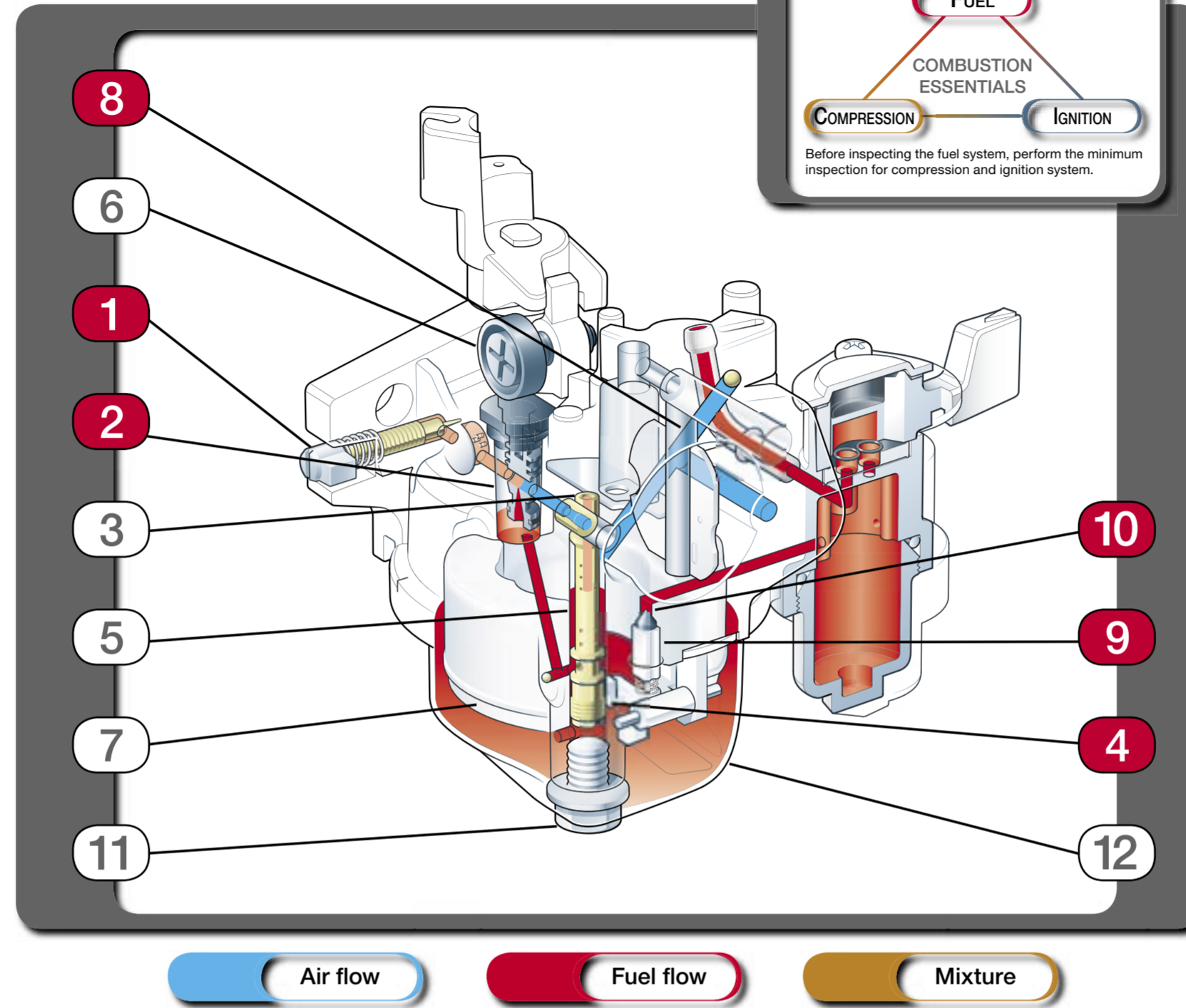
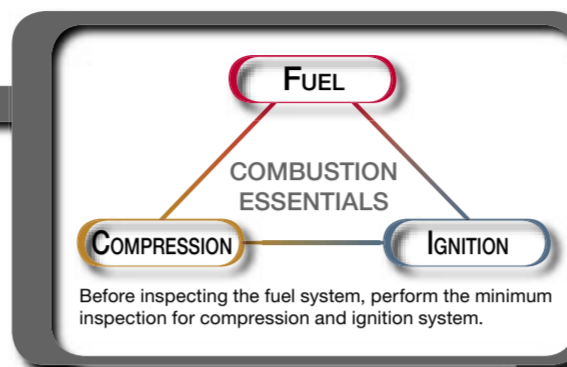


# Carburetor Check Sheet GX120/140/160/200/240/270/340/390 GXV140/160/270/340/390

Priority check Points : 1 2 4 8 9 10



- Unstable idle speed
- Poor performance at low speed

- 1 Pilot screw clogged.** Remove foreign material/dirt. Replace pilot screw.
- 2 Pilot jet clogged.** Use needle B (∅ 0.3) to clean. Remove foreign material/dirt.
- 3 Pilot jet air path clogged.** Remove foreign material/dirt.

- Engine will not start
- Difficult starting
- Engine starts but stops quickly

- 4 Main jet clogged.** Use needle A (∅ 0.5) to clean. Remove foreign material/dirt.
- 5 Main nozzle clogged.** Remove foreign material/dirt.
- 6 Throttle stop screw position incorrect.** Set correct idle speed.
- 7 Float doesn't move properly.** Remove foreign material around float pin.

- 11 For extended storage of the engine (More than 3 months).** Drain gasoline from float chamber by running the engine until it stops or by loosening the drain screw while engine is stopped.
- 12 Float chamber check** Water inside float chamber. Take off float chamber and clean or replace.

- Engine speed will not increase
- Poor performance at high speed
- Unstable engine speed

- 1 Pilot screw clogged.** Remove foreign material/dirt. Replace pilot screw.
- 2 Pilot jet clogged.** Use needle B (∅ 0.3) to clean. Remove foreign material/dirt.
- 3 Pilot jet air path clogged.** Remove foreign material/dirt.
- 4 Main jet clogged.** Use needle A (∅ 0.5) to clean. Remove foreign material/dirt.
- 5 Main nozzle clogged.** Remove foreign material/dirt.
- 8 Main nozzle air path clogged.** Remove foreign material/dirt.

### Pilot screw and limiter cap replacement

**Pilot screw brakes at narrow point.**  
When the cap is removed, the pilot screw breaks at the neck. To remove the remaining screw, fit an appropriate rubber tube over the remaining stub and unscrew.

**Install a new pilot screw and set it to the specified position. (Refer to shop manual.) Then install the limiter cap with LOCTITE 638.**

- Overflow
- Gasoline leak

- 9 Float valve worn or coated with foreign material/dirt.** Remove foreign material/dirt.
- 10 Valve seat coated with foreign material/dirt.** Remove foreign material/dirt. Take care not to damage the seat surface.

### Using of Carburetor Cleaning Kit (Kit No.07JPZ-0010001)

Carburetor cleaning kit for removing foreign material/dirt.

- Needle A (∅ 0.5) (Main jet)
- Needle B (∅ 0.3) (Pilot jet)
- Pump nozzle (Air blow for jets and air paths)
- Screw driver (Main jet assemble /disassemble)