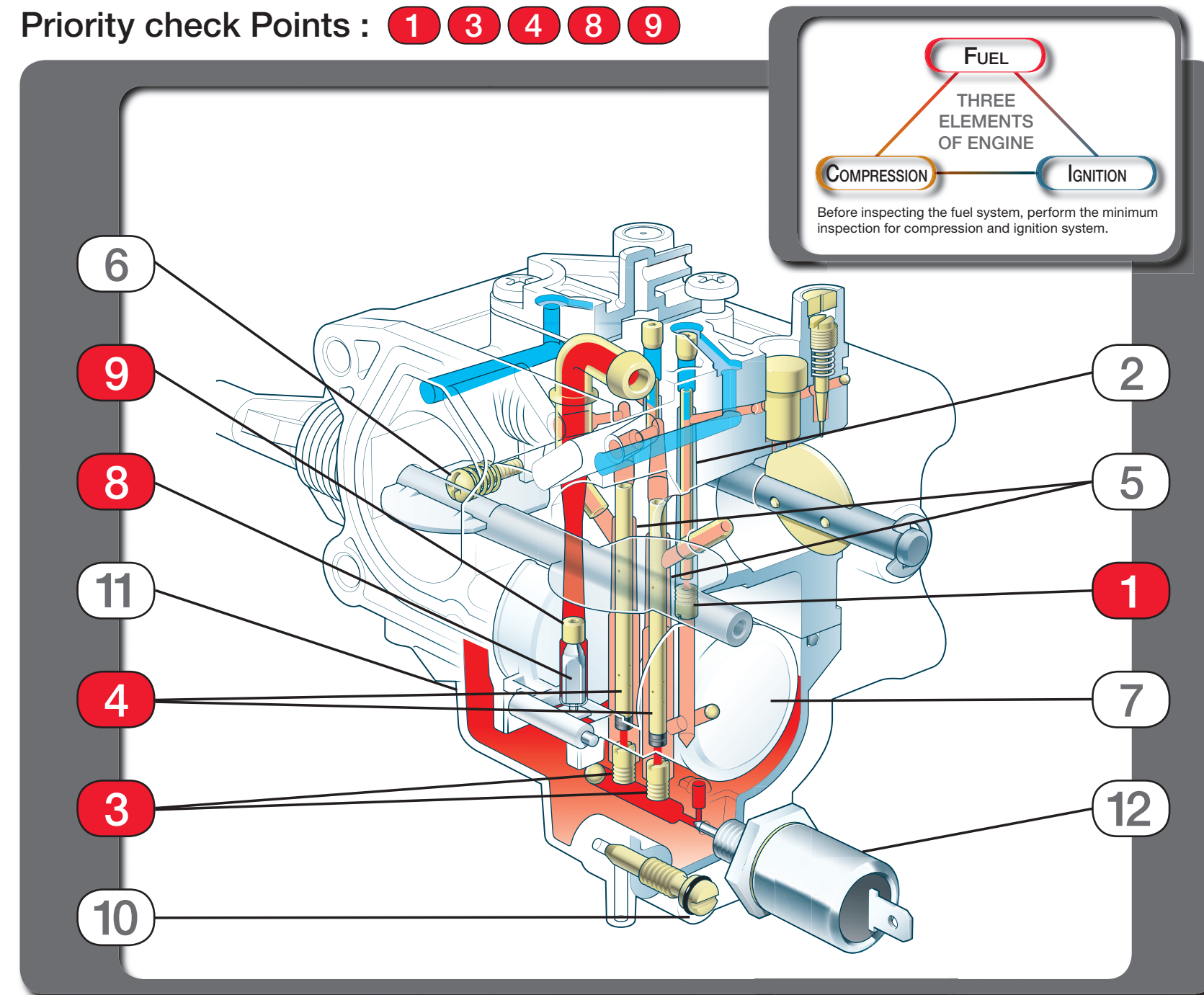


Carburetor Check Sheet GCV520/530 - GXV520/530

Priority check Points : **1 3 4 8 9**



- Unstable idle speed
- Poor performance at low speed

1 Pilot jet clogged. Remove foreign material/dirt. Use needle B (∅ 0.3) to clean

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

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

3 Main jet clogged. Remove foreign material/dirt. Use needle A (∅ 0.5) to clean

4 Main nozzle clogged. Remove foreign material/dirt.

5 Main nozzle air path 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.

10 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.

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

1 Pilot jet clogged. Remove foreign material/dirt. Use needle B (∅ 0.3) to clean

2 Pilot jet air path clogged. Remove foreign material/dirt.

3 Main jet clogged. Remove foreign material/dirt. Use needle A (∅ 0.5) to clean

4 Main nozzle clogged. Remove foreign material/dirt.

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

- Overflow
- Gasoline leaks

8 Float valve worn or coated with foreign material/dirt. Remove foreign material/dirt.

9 Valve seat worn or coated with foreign material/dirt. Remove foreign material/dirt.

11 Check of float chamber Water inside Float chamber. Take off Float chamber and clean.

Air flow **Fuel flow** **Mixture**

Fuel cut solenoid valve

Connect the 12V battery to the fuel cut solenoid valve connector as shown. Check the needle of the valve should retract in.

Using of Carburetor Cleaning Kit (Kit No.07JPZ-0010000)

Carburetor cleaning kit for remounts 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)