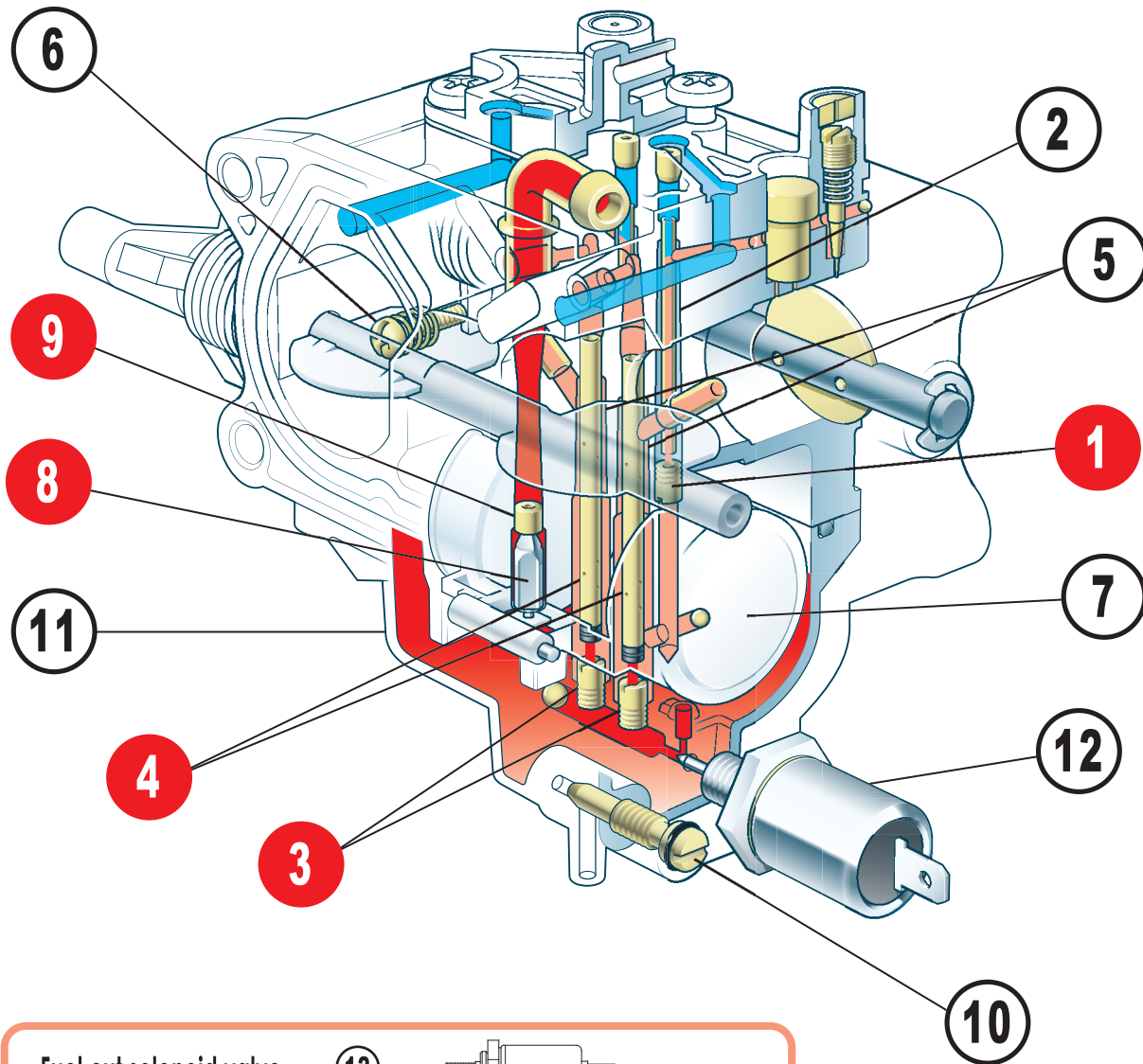


**1 3 4 8 9 : Priority check Points**



- ◆ Unstable idle speed
- ◆ Poor performance at low speed

**1** Pilot jet clogged. Remove foreign materials/dirt.  
Use needle B (Φ0.3) to clean

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

- ◆ Engine does not start or stop
- ◆ Hard starting
- ◆ Engine starts but quickly stops

**3** Main jet clogged. Remove foreign materials/dirt.  
Use needle A (Φ0.5) to clean

**4** Main nozzle clogged. Remove foreign materials/dirt.

**5** Main nozzle air path 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.

**10** For long 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 does not increase
- ◆ Poor performance at high speed
- ◆ Unstable engine speed

**1** Pilot jet clogged. Remove foreign materials/dirt.  
Use needle B (Φ0.3) to clean

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

**3** Main jet clogged. Remove foreign materials/dirt.  
Use needle A (Φ0.5) to clean

**4** Main nozzle clogged. Remove foreign materials/dirt.

**5** Main nozzle air path clogged. Remove foreign materials/dirt.

- ◆ Overflow
- ◆ Gasoline leaks

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

**9** Valve seat worn or coated with foreign materials/dirt. Remove foreign materials/dirt.  
Don't damage the seat surface

**12** 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 is useful to remove foreign materials/dirt.

Needle A (Φ0.5) (Main jet)	Needle B (Φ0.3) (Pilot jet)	Pump nozzle (Air blow to jets and Air paths)	Screw driver (Main jet assemble/disassemble)

**11** Check of float chamber  
Water inside Float chamber cause engine failure. Take off Float chamber and clean.