Carburetor Check Sheet

**GC-GCV135/160/190 - GS-GSV160/190**

### Priority check Points:

1. **Pilot screw clogged.**
   - Remove foreign material/dirt.
   - Replace pilot screw.

2. **Pilot jet clogged.**
   - Remove foreign material/dirt.

3. **Pilot jet air path clogged.**
   - Remove foreign material/dirt.

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

5. **Main nozzle clogged.**
   - Remove foreign material/dirt.

6. **Main nozzle air path clogged.**
   - Remove foreign material/dirt.

7. **Throttle stop screw position incorrect.**
   - Set correct idle speed.

8. **Float doesn’t move properly.**
   - Remove foreign material around float pin.

9. **Overflow.**
   - Float valve worn or coated with foreign material/dirt.

10. **Gasoline leak.**
    - Valve seat coated with foreign material/dirt.

### Priority check Points (Continued):

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

12. **Float chamber check.**
    - Water inside float chamber.
    - Take off float chamber and clean or replace.

### 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)
- **Screwdriver** (Main jet assembly / throttle valve)

### Pilot screw and limiter cap replacement

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.

### Additional Information

- **Float chamber check.**
  - Water inside float chamber.
  - Take off float chamber and clean or replace.

- **Fuel flow**
  - Middle rpm
  - Max rpm

- **Mixture**
  - Idle rpm
  - Middle rpm
  - Max rpm

- **Combustion Essentials**
  - Before inspecting the fuel system, perform the minimum inspection for compression and ignition system.

- **Specifications can be changed without notice - Edition: UK 8282 Sept. 2017**

- **Printed In Belgium - Published by:**
  - Honda Motor Europe Logistics NV
  - www.honda-engines-eu.com