

2. FRAME/BODY PANELS/EXHAUST SYSTEM

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SERVICE INFORMATION

GENERAL

▲WARNING

- Gasoline is extremely flammable and is explosive under certain conditions. KEEP OUT OF REACH OF CHILDREN.
- Serious burns may result if the exhaust system is not allowed to cool before components are removed or serviced.

- Work in a well ventilated area. Smoking or allowing flames or sparks in the work area or where gasoline is stored can cause a fire or explosion.
- This section covers removal and installation of the body panels, fuel tank and exhaust system.
- Always replace the exhaust pipe gaskets after removing the exhaust pipe from the engine.
- When installing the exhaust system, loosely install all of the exhaust pipe fasteners. Always tighten the exhaust clamps first, then tighten the mounting fasteners. If you tighten the mounting fasteners first, the exhaust pipe may not seat properly.
- Always inspect the exhaust system for leaks after installation.

TORQUE VALUES

Side stand pivot bolt	15 N·m (1.5 kgf·m , 11 lbf·ft)
Side stand pivot lock nut	39 N·m (4.0 kgf·m , 29 lbf·ft)
Footpeg holder bolt	26 N·m (2.7 kgf·m , 20 lbf·ft)
Exhaust pipe joint nut	20 N·m (2.0 kgf·m , 14 lbf·ft)
Muffler/exhaust pipe stay bolt	22 N·m (2.2 kgf·m , 16 lbf·ft)
Muffler protector bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)
Muffler band bolt	22 N·m (2.2 kgf·m , 16 lbf·ft)
Grab rail mounting bolt	26 N·m (2.7 kgf·m , 20 lbf·ft)
Front fender mounting bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)
Front brake hose clamp bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)
Rearview mirror mounting nut	34 N·m (3.5 kgf·m , 25 lbf·ft)
Rear reflector mounting nut	5 N·m (0.5 kgf·m , 3.6 lbf·ft)
Side cover upper mounting bolt	1 N·m (0.15 kgf·m , 1.1 lbf·ft)
Side cover lower mounting bolt	4 N·m (0.4 kgf·m , 2.9 lbf·ft)
Rear turn signal mounting nut	5 N·m (0.5 kgf·m , 3.6 lbf·ft)
Taillight mounting nut	7 N·m (0.7 kgf·m , 5.1 lbf·ft)
Fuel valve nut	34 N·m (3.5 kgf·m , 25 lbf·ft)
Fuel tank stay bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)

TROUBLESHOOTING

Excessive exhaust noise

- Broken exhaust system
- Exhaust gas leak

Poor performance

- Deformed exhaust system
- Exhaust gas leak
- Clogged muffler