

TORQUE VALUES

ECT (Engine Coolant Temperature)/thermo sensor	10 N·m (1.0 kgf·m , 7 lbf·ft)	
Knock sensor	31 N·m (3.2 kgf·m , 23 lbf·ft)	
Throttle body insulator band screw	See page 1-15	
Throttle cable bracket mounting screw	3 N·m (0.35 kgf·m , 2.5 lbf·ft)	
Fuel pipe mounting nut	10 N·m (1.0 kgf·m , 7 lbf·ft)	U-nut, Yellow paint
Fuel pipe setting bolt	22 N·m (2.2 kgf·m , 16 lbf·ft)	Yellow paint
Pressure relief valve lock nut	27 N·m (2.8 kgf·m , 20 lbf·ft)	Yellow paint
Starter valve synchronization plate screw	1 N·m (0.09 kgf·m , 0.7 lbf·ft)	
Starter valve lock nut	2 N·m (0.18 kgf·m , 1.3 lbf·ft)	
Wax unit mounting screw	5 N·m (0.5 kgf·m , 3.6 lbf·ft)	White paint
Wax unit link bracket screw	1 N·m (0.09 kgf·m , 0.7 lbf·ft)	
Vacuum joint plug socket bolt for synchronization	3 N·m (0.3 kgf·m , 2.2 lbf·ft)	
Fuel tube sealing nut (throttle body side)	22 N·m (2.2 kgf·m , 16 lbf·ft)	
Fuel tube banjo bolt (fuel tank side)	22 N·m (2.2 kgf·m , 16 lbf·ft)	
Service check bolt	15 N·m (1.5 kgf·m , 11 lbf·ft)	
Fuel pump mounting nut	12 N·m (1.2 kgf·m , 9 lbf·ft)	See page 5-51 for tightening sequence
Fuel filler cap bolt	2 N·m (0.2 kgf·m , 1.4 lbf·ft)	
Cam pulse generator cover SH bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)	

TOOLS

Peak voltage adaptor	07HGJ-0020100 with Commercially available digital multimeter (impedance 10 M Ω /DCV minimum)
ECU test harness	07WMZ-MBG0100
Test pin box	07WGG-0010100

TROUBLESHOOTING

Engine won't to start

- Intake air leak
- Fuel contaminated/deteriorated
- Pinched or clogged fuel tube
- Faulty fuel pump
- Clogged fuel filter
- Clogged fuel injector filter
- Sticking fuel injector needle
- Faulty fuel pump operating system

Engine stall, hard to start, rough idling

- Intake air leak
- Fuel contaminated/deteriorated
- Pinched or clogged fuel tube
- Idle speed misadjusted
- Starter valve synchronization misadjusted

Backfiring or misfiring during acceleration

- Ignition system malfunction

Poor performance (driveability) and poor fuel economy

- Pinched or clogged fuel tube
- Faulty pressure regulator