

Insufficient output
poor acceleration

Basic inspection

Battery power check

Simple fuel pressure inspection

Injector operation check

Spark inspection

Check idling rotation and ignition timing

Confirmation of self-diagnosis code

Intake system

Inhalation of air in the intake path

- Damaged inlet manifold gasket
- Vacuum hose detached or damaged
- EGR valve seat adhesion failure
- Defective purge control valve

Clogged intake path

- Adhesion of carbon around the throttle valve
- Air cleaner clogging
- Piping clogging such as air duct

Engine body

Camshaft rotation check

- Timing belt breakage

Checking the compression pressure

- Cylinder, piston, piston ring wear
- Cylinder head gasket damage
- Poor valve seat adhesion
- Timing belt tooth skipping
- Valve spring decay
- Poor valve clearance

Fuel pump inspection

Power check

Inspection of control circuit

Inspection of ground circuit

Single inspection

Control unit inspection

Fuel pressure check

Single inspection

Injector system

Power system

Inspection of injection signal

Single inspection

Control unit inspection

**Self-diagnosis abnormality:
Inspection related to throttle position sensor**

Circuit inspection

Single inspection

Control unit inspection

Checking the input signal