

Engine start failure

Basic inspection

Battery power check

Starter rotation check

- Starter rotation failure
- Defective starter body
- Heavy engine load

Simple fuel pressure inspection

Fuel pressure check

Fuel pump inspection

Power check

Inspection of control circuit

Inspection of ground circuit

Single inspection

Control unit inspection

Injector operation check

Injector system

Power system

Inspection of injection signal

Single inspection

Control unit inspection

Spark inspection

Single inspection

Check idling rotation and ignition timing

Confirmation of self-diagnosis code

Self-diagnosis abnormality: Inspection of rotation signal system

Circuit inspection

Single inspection

Control unit inspection

Checking the input signal

Self-diagnosis abnormality Inspection by igniter

Spark inspection

Inspection of ignition instruction signal system

Circuit inspection

Voltage check

Circuit inspection

Inspection of ignition confirmation signal system

Voltage check

Control unit inspection

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

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

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