

STARTER ASSY (1GR-FE (FR))

190KT-01

REPLACEMENT

1. REMOVE ENGINE UNDER COVER ASSY REAR

- (a) Remove the 4 bolts and engine under cover assy rear.

2. REMOVE MANIFOLD STAY NO.2

- (a) Remove the 3 bolts and manifold stay No. 2.

3. DISCONNECT WIRE HARNESS

- (a) Remove the bolt and disconnect the wire harness from the cylinder block.

4. REMOVE STARTER ASSY

- (a) Disconnect the terminal 50 connector from the starter assy.
- (b) Remove the nut and disconnect the wire harness from the terminal 30.
- (c) Remove the 2 bolts and starter assy.

5. INSTALL STARTER ASSY

- (a) Install the starter assy with the 2 bolts.

Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)

- (b) Connect the wire harness to the terminal 30 and install the nut.

Torque: 9.8 N·m (100 kgf·cm, 7 ft·lbf)

- (c) Connect the terminal 50 to the starter assy.

6. CONNECT WIRE HARNESS

- (a) Connect the wire harness to the cylinder block and install the bolt.

Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)

7. INSTALL MANIFOLD STAY NO.2

- (a) Install the manifold stay No. 2 with the 3 bolts.

Torque: 40 N·m (408 kgf·cm, 30 ft·lbf)

8. INSTALL ENGINE UNDER COVER ASSY REAR

- (a) Install the engine under cover assy rear with the 4 bolts.

Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)