REPLACEMENT

1. REMOVE INTAKE PIPE

2. REMOVE INTAKE FLANGE (See page 10–19)

3. REMOVE VENTURI ASSY (See page 10–19)

4. REMOVE STARTER ASSY (See page 19–11)

5. REMOVE INJECTION PIPE SET

(a) Loosen the 8 union nuts of the 4 injection pipes.

(b) Remove the 2 nuts, 2 upper pipe clamps, 4 injection pipes and 1 lower pipe clamps.

6. REMOVE GLOW PLUG NO.1 CONNECTOR (See page 19–21)

7. REMOVE NOZZLE LEAKAGE PIPE ASSY

(a) Disconnect the fuel hose from the leakage pipe.

(b) Remove the 4 nuts, leakage pipe and 4 washers.

8. REMOVE NOZZLE HOLDER AND NOZZLE SET

(a) Using SST, remove the 4 injection nozzles, 4 seats and 4 gaskets.

SST 09268–64010 (09268–64020)

9. INSTALL NOZZLE HOLDER AND NOZZLE SET

(a) Place 4 new gaskets and 4 seats into the injection nozzle holes of the cylinder head.

(b) Using SST, install the 4 injection nozzles.

SST 09268–64010 (09268–64020)

Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)

10. INSTALL NOZZLE LEAKAGE PIPE ASSY

(a) Install 4 new washers and the leakage pipe with the 4 nuts.

Torque: 30 N·m (300 kgf·cm, 22 ft·lbf)

(b) Connect the fuel hose to the leakage pipe.

11. INSTALL GLOW PLUG NO.1 CONNECTOR (See page 19–21)

12. INSTALL INJECTION PIPE SET

(a) Place the 2 lower clamps on the intake manifold.

(b) Install the 4 injection pipes.

Torque: 25 N·m (250 kgf·cm, 18 ft·lbf)

(c) Secure the injection pipes with the 2 upper pipe clamps and 2 nuts.

Torque: 5 N·m (50 kgf·cm, 44 in.·lbf)

13. INSTALL STARTER ASSY (See page 19–11)

14. BLEED INJECTION PIPE

(a) Move the priming pump in the upper part of the fuel filter assembly up and down, and fill the injection pump assembly and fuel system with fuel.

(b) Loosen one of the flare nuts (in the nozzle side).

(c) Crank the engine until fuel comes out from the flare nut (in the nozzle side).

(d) Tighten the flare nut.

Torque: 25 N·m (250 kgf·cm, 18 ft·lbf)

(e) The above operations should be carried out in each injection pipe.

15. INSTALL VENTURI ASSY (See page 10–19)

16. INSTALL INTAKE FLANGE (See page 10–19)

17. INSTALL INTAKE PIPE (See page 10–19)

18. CHECK FOR FUEL LEAKS

(a) Start the engine, and check that there is no leakage in the fuel system.