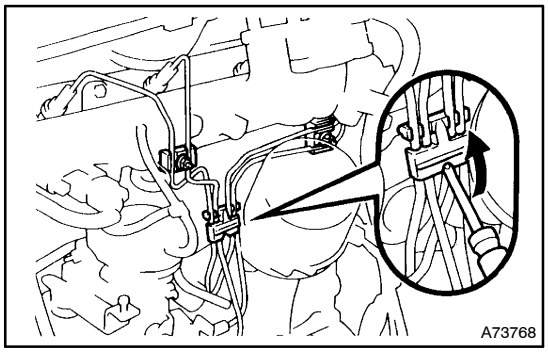
110L4–01

REPLACEMENT

1. DISCONNECT BATTERY NEGATIVE TERMINAL
2. REMOVE INTERCOOLER ASSY (See page 13–11)

3. REMOVE INJECTION PIPE SET

(a) Remove the 2 nuts holding the clamps to the intake manifold.

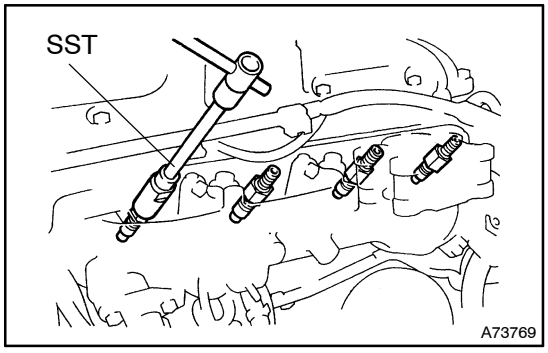


(b) Using a screwdriver, pry out the clamp.
(c) Loosen the 8 union nuts of the injection pipes.
(d) Remove the 4 injection pipes and 2 clamps.

4. DISCONNECT FUEL HOSE

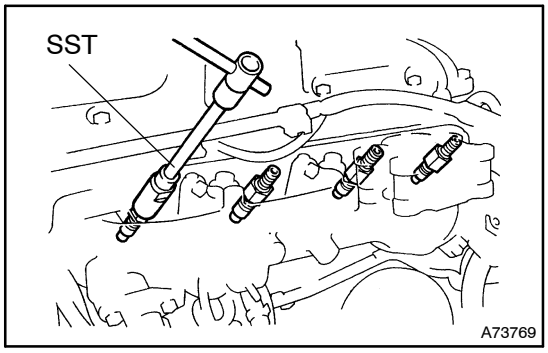
5. REMOVE NOZZLE LEAKAGE PIPE ASSY

(a) Remove the 4 nuts, nozzle leakage pipe and gasket.



6. REMOVE NOZZLE HOLDER AND NOZZLE SET

(a) Using SST, remove the set of holder and nozzle.
(b) Remove the nozzle sheet and nozzle sheet gasket.
SST 09268–64010 (09268–64020)



7. INSTALL NOZZLE HOLDER AND NOZZLE SET

(a) Install a new nozzle sheet gasket and nozzle sheet to the cylinder head.
(b) Using SST, install the set of holder and nozzle.
SST 09268–64010 (09268–64020)
Torque: 54 N·m (540 kgf·cm, 40 ft·lbf)

8. INSTALL NOZZLE LEAKAGE PIPE ASSY

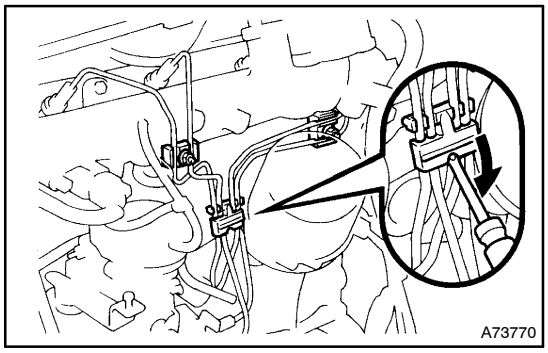
(a) Install a new gasket and nozzle leakage pipe with the 4 nuts.
Torque: 30 N·m (306 kgf·cm, 22 ft·lbf)

9. INSTALL FUEL HOSE

10. INSTALL INJECTION PIPE SET

(a) Install a flare nut in the nozzle side temporarily but tighten one in the pump side.
Torque: 15 N·m (150 kgf·cm, 11 ft·lbf)

(b) Install the injection pipe clamp to the injection pipe.
Torque: 6.5 N·m (65 kgf·cm, 53 in.·lbf)



(c) Using a screwdriver, attach the clamp.

11. INSTALL INTERCOOLER ASSY (See page 13–11)

12. 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: 15 N·m (150 kgf·cm, 11 ft·lbf)

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

13. INSTALL BATTERY NEGATIVE TERMINAL

14. CHECK FOR FUEL LEAKS

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