FU08S–03

REMOVAL

NOTICE:

When removing the injection pipes, clean them up with a brush and compressed air.

1. DISCONNECT ENGINE WIRE

2. REMOVE VSV ASSEMBLY

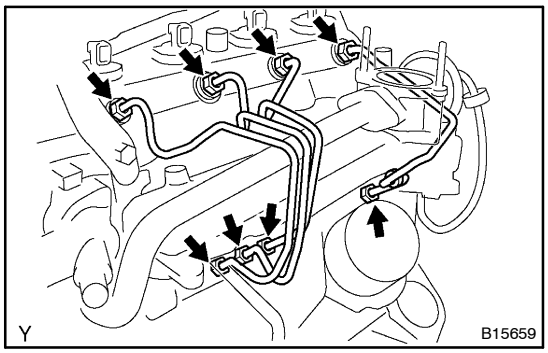
3. REMOVE DIESEL THROTTLE BODY (See page ED–5)

4. REMOVE INJECTION PIPE

(a) Remove the 2 bolts and injection pipe clamp No. 3.

(b) Remove the bolt and injection pipe clamp No. 2

(c) Remove the bolt and injection pipe clamp.



(d) Using SST, loosen the injection pipe unions of common rail side.

SST 09023–12900

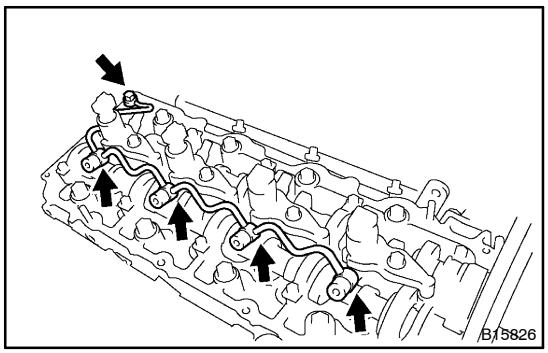
(e) Using SST, loosen the injection pipe unions of injector side.

SST 09023–12700

NOTICE:

- **After removing the fuel pipe, affix the gum tape to the common rail for preventing dust.**
- **After removing the fuel pipe, put a vinyl bag and rubber band for preventing from mixing foreign objects over the injectors inlet.**

5. REMOVE CYLINDER HEAD COVER (See page EM–14)



6. REMOVE NOZZLE LEAKAGE PIPE

Remove the union bolt, 4 hollow screws, nozzle leakage pipe and 5 gaskets from the cylinder head and injector.

NOTICE:

- **When removing the return pipe, place the shop rag and the likes under pipe.**
- **Pay attention not to deform or scratch the union seal surface.**

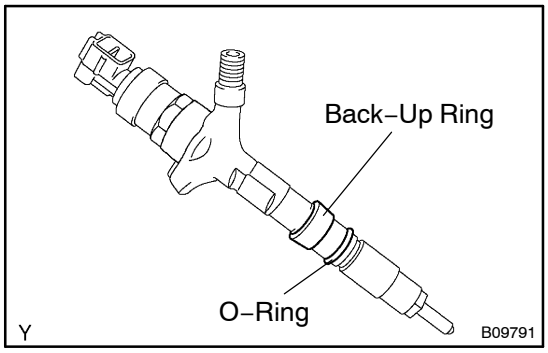
7. REMOVE INJECTORS

(a) Remove the 4 bolts, 4 washers and 4 nozzle holder clamps.

(b) Disconnect the 4 injectors from the cylinder head.

HINT:

Arrange the injectors, clamps, washers and bolts in correct order.



(c) Remove the O–ring and back–up ring from each injector.

(d) Remove the 4 nozzle seats from the cylinder head.