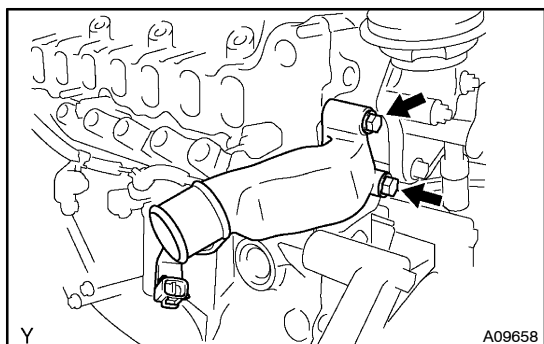


COMMON RAIL ASSY (1CD-FTV)

REPLACEMENT

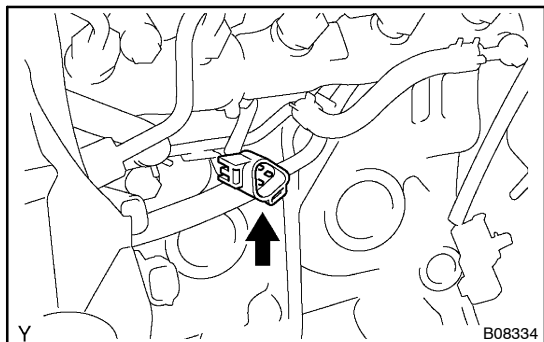
11069-01

1. DRAIN ENGINE COOLANT (See page 6-6)
2. REMOVE HOOD SUB-ASSY
3. REMOVE FR WIPER ARM RH
(See page 6-9)
4. REMOVE FR WIPER ARM LH
(See page 6-9)
5. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSY
6. REMOVE WINDSHIELD WIPER MOTOR ASSY
(See page 6-9)
7. REMOVE COWL TOP PANEL SUB-ASSY OUTER
(See page 1-23)
8. REMOVE RADIATOR RESERVE TANK ASSY
9. REMOVE ENGINE COVER SUB-ASSY NO.1
10. REMOVE AIR TUBE NO.1
(See page 13-6)
11. REMOVE INJECTION PIPE SUB-ASSY NO.1
(See page 11-23)
SST 09023-12900, 09023-12700
12. REMOVE INJECTION PIPE SUB-ASSY NO.2
(See page 11-23)
SST 09023-12700, 09023-12900
13. REMOVE INJECTION PIPE SUB-ASSY NO.3
(See page 11-23)
SST 09023-12900, 09023-12700
14. REMOVE INJECTION PIPE SUB-ASSY NO.4
(See page 11-23)
SST 09023-12900, 09023-12700
15. SEPARATE RADIATOR HOSE INLET

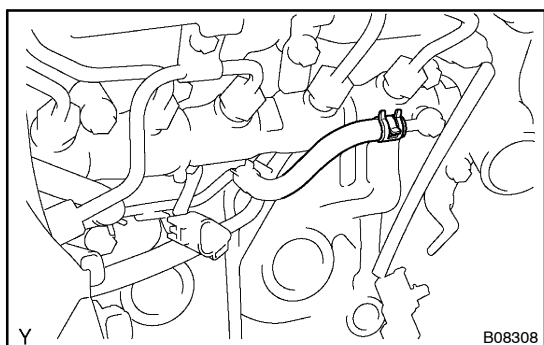


16. REMOVE WATER OUTLET SUB-ASSY

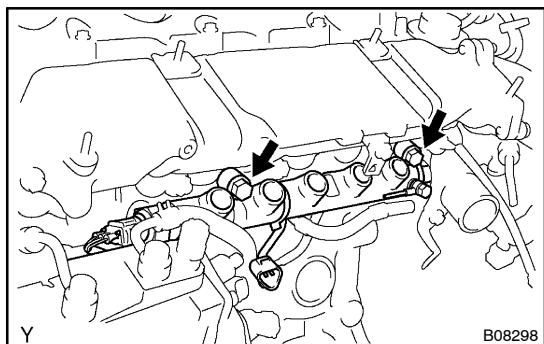
- (a) Remove the 2 bolts, water outlet and gasket.

17. REMOVE COMMON RAIL ASSY

- (a) Disconnect the fuel pressure sensor connector from the bracket.



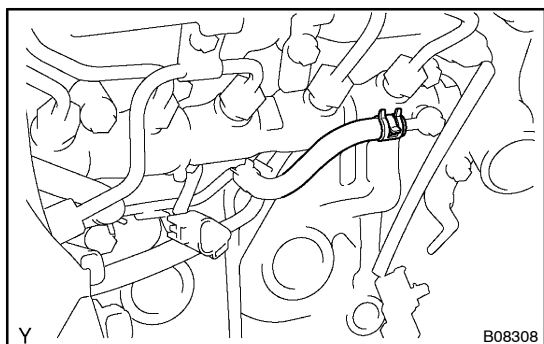
- (b) Disconnect the return hose from the common rail.



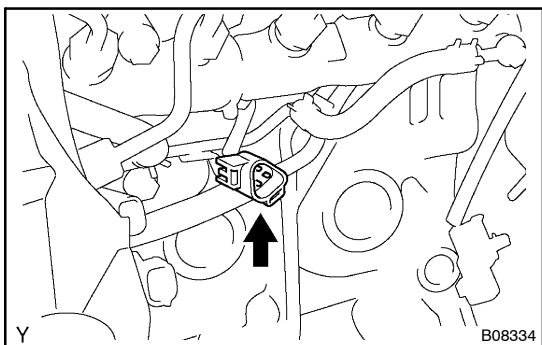
- (c) Remove the 2 bolts and common rail.

18. INSTALL COMMON RAIL ASSY

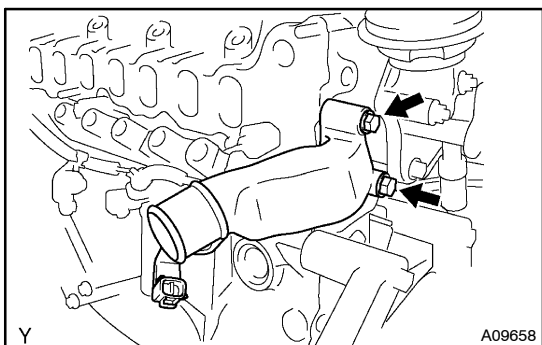
- (a) Install the common rail with the 2 bolts.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)



- (b) Connect the return hose to the common rail.



- (c) Connect the fuel pressure sensor connector to the bracket.



19. INSTALL WATER OUTLET SUB-ASSY

- (a) Install a new gasket and the water outlet with the 2 bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

20. INSTALL INJECTION PIPE SUB-ASSY NO.1

NOTICE:

In case of having the common rail replaced, must replace fuel inlet pipe and infection pipes, too.

- (a) Using SST, tighten the injection pipe from the common rail side.

SST 09023-12900

Torque:

**37 N·m (377 kgf·cm, 27 ft·lbf) for use with SST
41 N·m (418 kgf·cm, 30 ft·lbf)**

HINT:

Use a torque wrench with a fulcrum length of 30 cm (11.81 in.).

- (b) Using SST, tighten the injection pipe from the injector side.

SST 09023-12700

Torque:

**31 N·m (316 kgf·cm, 23 ft·lbf) for use with SST
34 N·m (347 kgf·cm, 25 ft·lbf)**

HINT:

Use a torque wrench with a fulcrum length of 30 cm (11.81 in.).

- (c) Install the 2 upper injection pipe clamps and 2 nuts.

Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

- (d) Install the fuel inlet pipe. ([See page 11-31](#))

21. INSTALL INJECTION PIPE SUB-ASSY NO.2

SST 09023-12900, 09023-12700

22. INSTALL INJECTION PIPE SUB-ASSY NO.3

SST 09023-12900, 09023-12700

23. INSTALL INJECTION PIPE SUB-ASSY NO.4

SST 09023-12900, 09023-12700

24. INSTALL ENGINE COVER SUB-ASSY NO.1

(See page 11-23)

25. INSTALL WINDSHIELD WIPER MOTOR ASSY

(See page 66-9)

26. INSTALL FR WIPER ARM RH

(See page 66-9)

27. INSTALL FR WIPER ARM LH

(See page 66-9)

28. INSPECT HOOD SUB-ASSY

(See page 75-1)

29. ADJUST HOOD SUB-ASSY

(See page 75-1)

30. ADD COOLANT (See page 16-19)**31. CHECK ENGINE COOLANT LEAK (See page 16-13)****32. INSPECT FUEL LEAK (See page 11-23)**