# COMMON RAIL ASSY (N04C–TF)

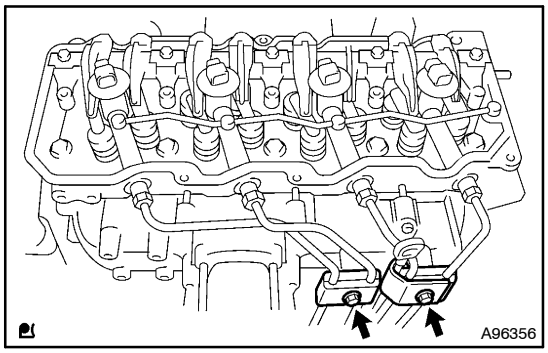
1114J–01

## REPLACEMENT

1. **DISCONNECT BATTERY NEGATIVE TERMINAL**
2. **DRAIN FUEL**
3. **REMOVE VENTILATION PIPE NO. 2 (See page 11–20)**
4. **DISCONNECT INTAKE AIR CONNECTOR PIPE (See page 11–10)**
5. **REMOVE VENTILATION PIPE SUB–ASSY (See page 11–20)**
6. **REMOVE BRACKET**

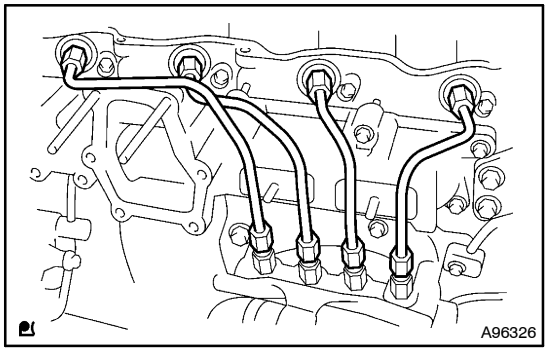
(a) Remove the 4 bolts and bracket.

7. **REMOVE OIL SEPARATOR ASSY (See page 11–10)**

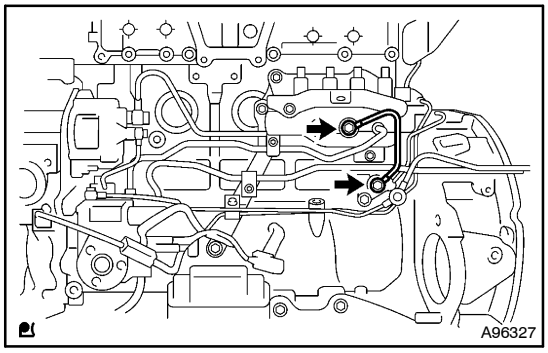



8. **REMOVE FUEL INJECTION PIPE**

(a) Remove the 2 nuts and 2 injection pipe clamps.

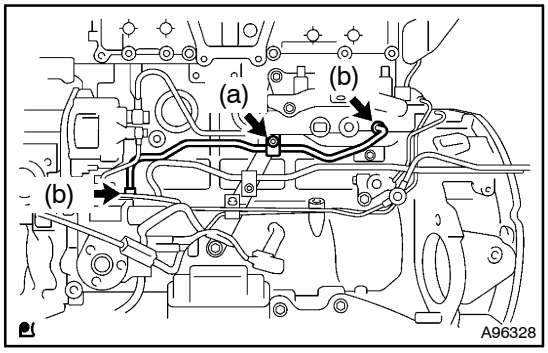



(b) Using SST, remove the 4 injection pipes.
SST 09023–12900




9. **REMOVE FUEL PIPE NO. 4**

(a) Remove the 2 union bolts, 5 gaskets and fuel pipe.




**10. REMOVE FUEL FILTER TO INJECTION PUMP FUEL PIPE**

(a) Remove the nut and clamp.

(b) Using SST, remove the injection pump fuel pipe.
SST 09023–12900

**11. REMOVE COMMON RAIL ASSY**

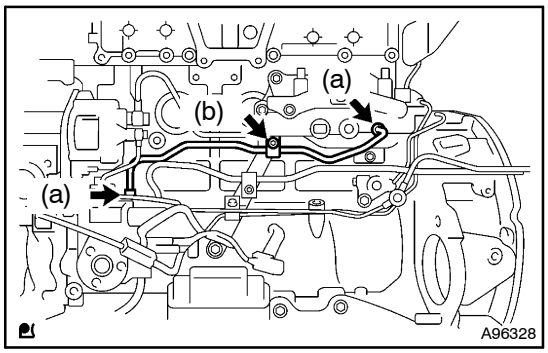
(a) Disconnect the fuel pressure sensor connector.

(b) Remove the 2 bolts, bracket and common rail.

**12. INSTALL COMMON RAIL ASSY**

(a) Install the bracket and common rail with the 2 bolts.
**Torque: 28.5 N·m (291 kgf·cm, 21 ft·lbf)**

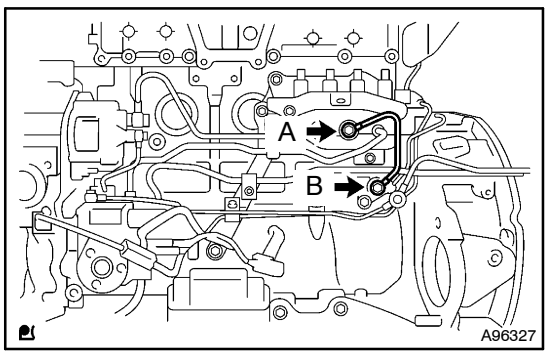
(b) Connect the fuel pressure sensor connector.




**13. INSTALL FUEL FILTER TO INJECTION PUMP FUEL PIPE**

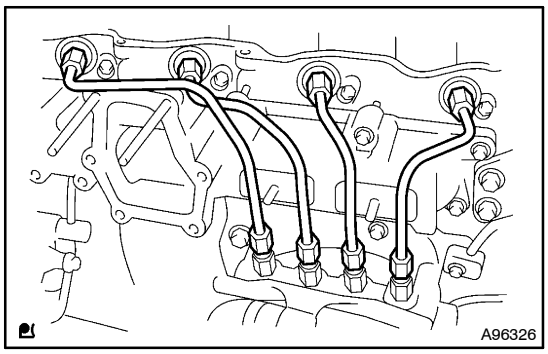
(a) Using SST, install the fuel pipe.
SST 09023–12900
**Torque: 44 N·m (449 kgf·cm, 32 ft·lbf)**

(b) Use the nut to install the clamp to the pipe. Tighten the nut until the clamp's edges make contact with the engine side clamp's edges.



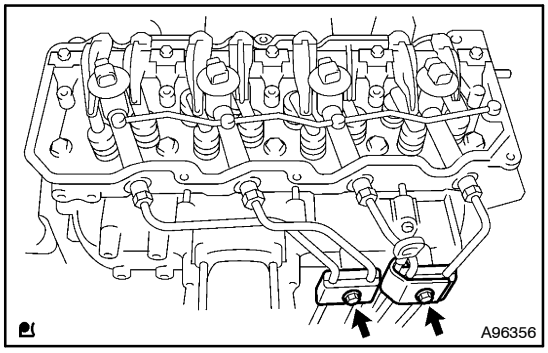

**14. INSTALL FUEL PIPE NO. 4**

(a) Install 5 new gaskets in place and tighten the 2 union bolts. Then install the fuel pipe.
**Torque:**
**20 N·m (204 kgf·cm, 15 ft·lbf) for bolt A**
**24.5 N·m (250 kgf·cm, 18 ft·lbf) for bolt B**




**15. INSTALL FUEL INJECTION PIPE**

(a) Using SST, install the 4 injection pipes.
SST 09023–12900
**Torque: 44 N·m (449 kgf·cm, 32 ft·lbf)**




(b) Use the 2 nuts to install the 2 clamps around the 4 pipes. Tighten each nut until each clamp's edges make contact with its respective engine side clamp's edges.

**16. INSTALL OIL SEPARATOR ASSY (See page 11–10)**
**17. INSTALL BRACKET**
(a) Install the bracket with the 4 bolts.
**Torque: 28.5 N·m (291 kgf·cm, 21 ft·lbf)**
**18. INSTALL VENTILATION PIPE SUB–ASSY (See page 11–20)**
**19. INSTALL INTAKE AIR CONNECTOR PIPE (See page 11–10)**
**20. INSTALL VENTILATION PIPE NO. 2 (See page 11–20)**
**21. ADD FUEL**
**22. BLEED AIR FROM FUEL SYSTEM (See page 11–5)**
**23. CONNECT BATTERY NEGATIVE TERMINAL**
**24. CHECK FOR FUEL LEAKS (See page 11–2)**