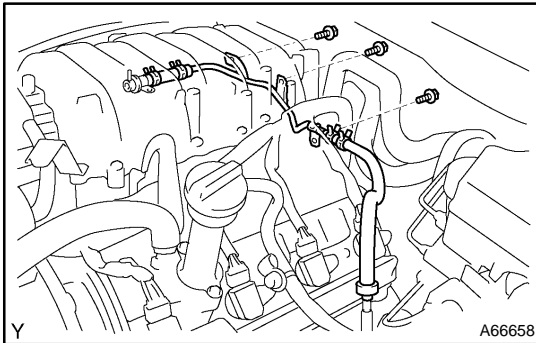


REPLACEMENT

1. **WORK FOR PREVENTING GASOLINE FROM SPILLING OUT (See page 11-1)**
2. **REMOVE THROTTLE BODY COVER SUB-ASSY**
 - (a) Remove the 2 cap nuts and throttle body cover sub-assy.
3. **REMOVE AIR CLEANER HOSE ASSY**
 - (a) Disconnect the vacuum hoses (For P/S idle-up and for fuel pressure regulator) and ventilation hose.
 - (b) Remove the air cleaner hose assy.
4. **REMOVE FUEL PIPE SUB-ASSY NO.1**
 - (a) Remove the 2 union bolts, and 4 gaskets.
 - (b) Remove the bolts and fuel pipe sub-assy.

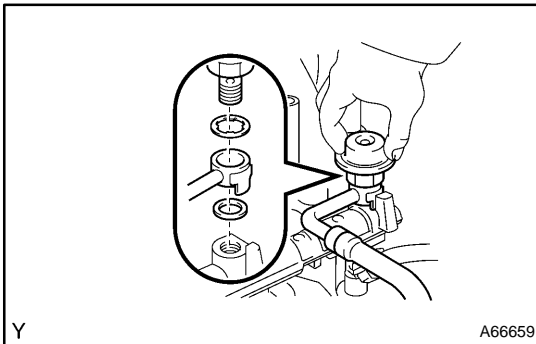


5. SEPARATE FUEL PIPE SUB-ASSY NO.3

- (a) Remove the 3 bolts and disconnect the fuel return pipe sub-assy from fuel pressure regulator.

HINT:

Move it aside for stream lining your work.



6. DISCONNECT FUEL HOSE

- (a) Remove the pulsation damper and 2 gaskets.
- (b) Disconnect the fuel hose No. 1.

7. SEPARATE VACUUM SWITCHING VALVE ASSY NO.1

- (a) Remove the bolts and separate the vacuum switching valve assy.

8. DISCONNECT ENGINE WIRE

- (a) Disconnect the 8 fuel injector connectors.
- (b) Remove the 3 bolts and disconnect the engine wire.

9. REMOVE FUEL DELIVERY PIPE SUB-ASSY

- (a) Remove the 2 nuts, then the fuel delivery pipe by pulling it straight upward holding the both ends.

10. REMOVE FUEL DELIVERY PIPE SUB-ASSY NO.2

- (a) Remove the 2 nuts, then the fuel delivery pipe No. 2 by pulling it straight upward holding the both ends.

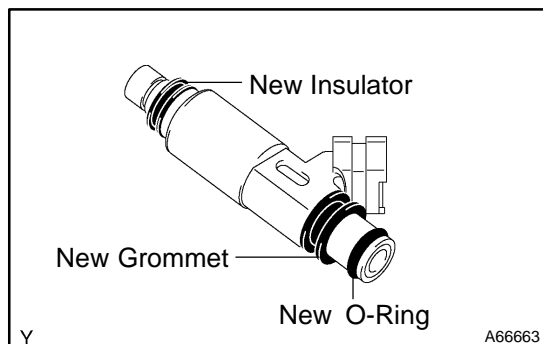
11. REMOVE FUEL INJECTOR ASSY

- (a) Remove the injector from the delivery pipe.

NOTICE:

Do not put any force to the injector in the horizontal direction, because the O-ring might be stuck.

- (b) Remove the O-ring, grommet and vibration insulator from the injector.

**12. INSTALL FUEL INJECTOR ASSY**

- (a) Install a new grommet and vibration insulator to the injector.
- (b) Check that there is no foreign object stuck nor damage in the groove of the O-ring of the injector. Apply some gasoline to new O-ring, and install it to the injector.
- (c) Install the injector to the delivery pipe, rotating the injector both ways.
- (d) Check that the injector can rotate smoothly.

NOTICE:

When the injector cannot rotate smoothly, the O-ring might engage with something. In case of that, the operation should be started after the injector has been removed then the O-ring has been replaced with a new one once again.

13. INSTALL FUEL DELIVERY PIPE SUB-ASSY NO.2

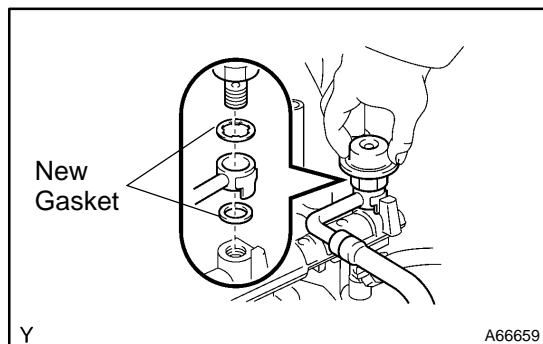
- (a) Install the injector with delivery pipe to the intake manifold.
- (b) Under the above condition, turn the injector both ways by approximately 45 degrees.
- (c) Inserting a spacer in between, install the delivery pipe with injector by 2 nuts.

Torque: 21 N·m (214 kgf·cm, 16 ft·lbf)

14. INSTALL FUEL DELIVERY PIPE SUB-ASSY

- (a) Install the injector with delivery pipe to the intake manifold.
- (b) Under the above condition, turn the injector both ways by approximately 45 degrees.
- (c) Inserting a spacer in between, install the delivery pipe with injector by 2 nuts.

Torque: 21 N·m (214 kgf·cm, 16 ft·lbf)

**15. INSTALL FUEL HOSE**

- (a) Inserting 2 new gaskets in between, install the fuel main hose the fuel pressure pulsation damper.

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

16. INSTALL VACUUM SWITCHING VALVE ASSY NO.1

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

17. INSTALL FUEL PIPE SUB-ASSY NO.3

Torque: 7.5 N·m (80 kgf·cm, 66 in·lbf)

18. INSTALL FUEL PIPE SUB-ASSY NO.1

- (a) Install the bolts and fuel pipe sub-assy.
- (b) Instating 2 new gaskets in between, install the fuel pipe sub-assy with the union bolt each parts as shown in the illustration.

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

19. INSTALL AIR CLEANER HOSE ASSY**20. INSTALL THROTTLE BODY COVER SUB-ASSY**

Torque: 7.5 N·m (80 kgf·cm, 66 in·lbf)

21. CHECK FUEL LEAK (See page 11-1)