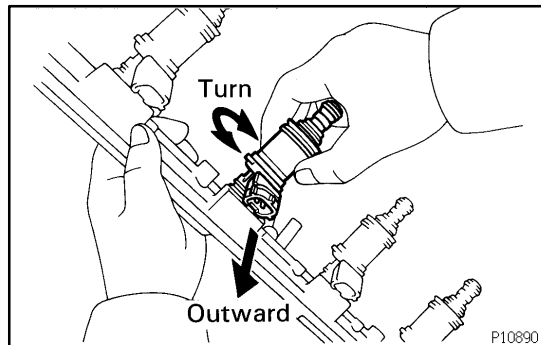


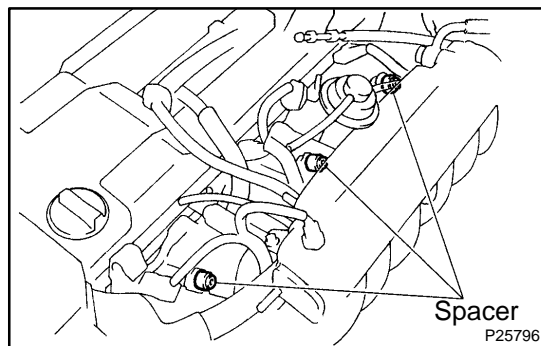
INSTALLATION

1. INSTALL INJECTORS AND DELIVERY PIPE

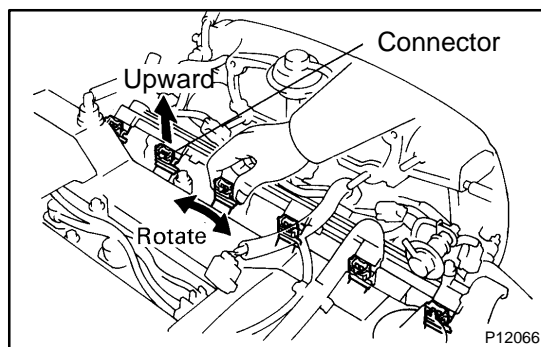
- Install new insulator and grommet to each injector.
- Apply a light coat of gasoline to 2 new O-rings, and install them to each injector.



- While turning the injector clockwise and counterclockwise, push it to the delivery pipe. Install the 6 injectors.
- Position the injector connector outward.



- Place the 6 insulators and 3 spacers in position on the intake manifold.
- Place the 6 injectors together with the delivery pipe in position on the intake manifold.
- Temporarily install the 3 bolts holding the delivery pipe to the intake manifold.



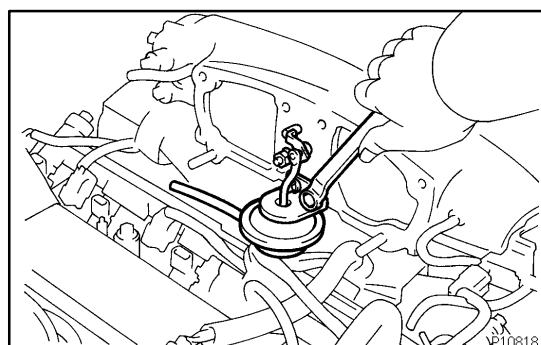
- Check that the injectors rotate smoothly.

HINT:

If injectors do not rotate smoothly, the probable cause is incorrect installation of O-rings. Replace the O-rings.

- Position the injector connector upward.
- Tighten the 3 bolts holding the delivery pipe to the intake manifold.

Torque: 21 N·m (210 kgf-cm, 15 ft-lbf)

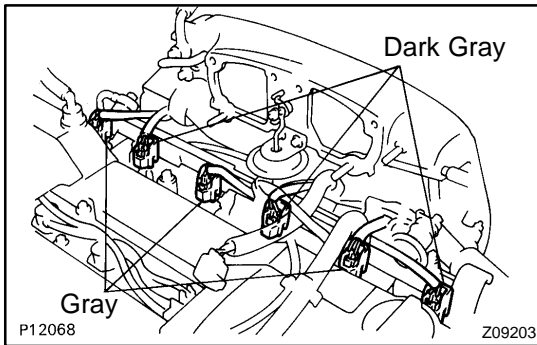


2. INSTALL ACTUATOR FOR ACIS

- Install the actuator with the 2 bolts.

Torque: 6.8 N·m (70 kgf-cm, 61 in.-lbf)

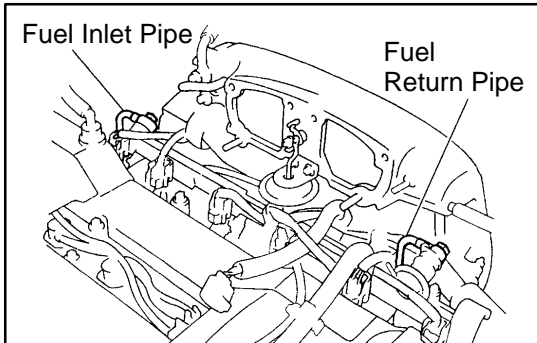
- Inspect the intake air control valve (See page [SF-61](#)).



3. CONNECT INJECTOR CONNECTORS

HINT:

The No. 1, No. 3 and No. 5 injector connectors are dark gray, and the No. 2, No. 4 and No. 6 injector connectors are gray.



4. CONNECT FUEL RETURN PIPE TO FUEL PRESSURE REGULATOR

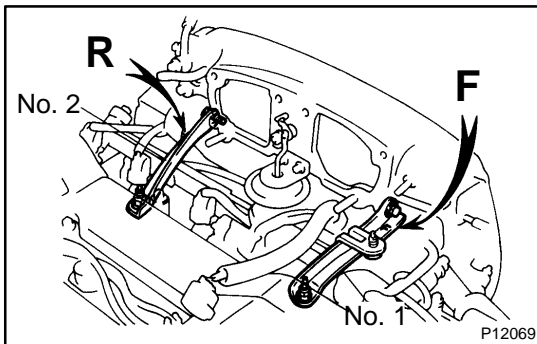
Connect the fuel pipe with 2 new gaskets and the union bolt.

Torque: 27 N·m (280 kgf-cm, 20 ft-lbf)

5. CONNECT FUEL INLET PIPE TO DELIVERY PIPE

Connect the fuel pipe with 2 new gaskets and the union bolt.

Torque: 42 N·m (420 kgf-cm, 30 ft-lbf)



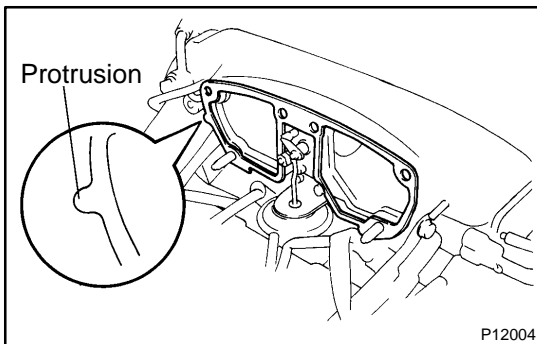
6. INSTALL AIR INTAKE CHAMBER STAYS

HINT:

The No. 1 stay is marked with "F" and No. 2 stay is marked with "R".

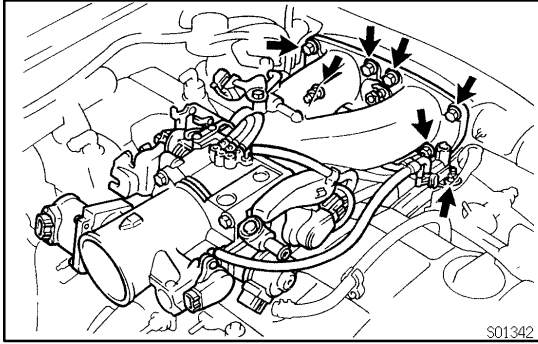
- Install the intake chamber stay with the bolt and nut.
- Install the No. 1 and No. 2 stays.

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

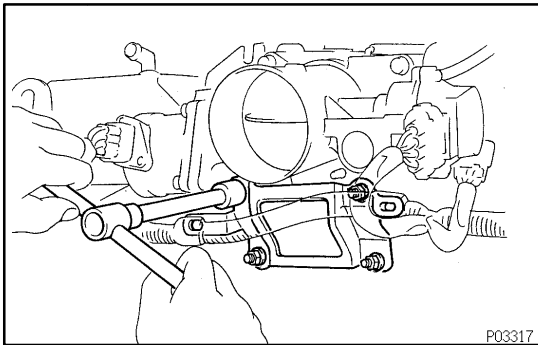


7. INSTALL THROTTLE BODY AND INTAKE AIR CONNECTOR ASSEMBLY

- Install a new gasket to the air intake chamber, facing the protrusion rearward.
- Place the throttle body and intake air connector assembly on the cylinder head.
- Connect these hoses:
 - 3 vacuum hoses (from No. 2 vacuum pipe) to No. 1 vacuum pipe
 - Water bypass hose (from water outlet) to throttle body
 - Vacuum hose (from actuator for ACIS) to No. 1 vacuum pipe



- (d) Install the 4 bolts and 2 nuts holding the intake air connector to the air intake chamber.
Torque: 27 N·m (270 kgf-cm, 20 ft-lbf)
- (e) Install the nut holding the VSV for the EGR to the air intake chamber.
- (f) Connect these connectors and hoses:
 - Throttle position sensor connector
 - IAC valve connector
 - VSV connector for EGR
 - PCV hose to intake air connector
 - Water bypass hose (from No. 2 water bypass pipe) to throttle body
 - Air hose to IAC valve
 - w/ TRAC: Sub-throttle position sensor connector
 - w/ TRAC: Sub-throttle actuator connector



8. INSTALL THROTTLE BODY BRACKET

Install the throttle body bracket with the 4 nuts.

Torque: 21 N·m (210 kgf-cm, 15 ft-lbf)

9. INSTALL NO. 2 VACUUM PIPE AND VSV ASSEMBLY

Install the vacuum pipe with the 2 nuts.

Torque: 27 N·m (280 kgf-cm, 20 ft-lbf)

10. CONNECT EGR GAS TEMPERATURE SENSOR CONNECTOR

- (a) Connect the sensor connector to the wiring connector.
- (b) Install the connector to the No. 2 vacuum pipe.

11. INSTALL EGR PIPE

- (a) Temporarily install the union nut of the EGR pipe.
- (b) Install a new gasket and the EGR pipe to the cylinder head with the 2 bolts.

Torque: 27 N·m (280 kgf-cm, 20 ft-lbf)

- (c) Tighten the union nut of the EGR pipe.

Torque: 64 N·m (650 kgf-cm, 47 ft-lbf)

12. INSTALL VSV FOR FUEL PRESSURE CONTROL

13. CONNECT DLC1 TO BRACKET

14. INSTALL INTAKE AIR CONNECTOR PIPE

15. CONNECT CONTROL CABLES TO THROTTLE BODY

16. FILL WITH ENGINE COOLANT

17. CHECK FOR FUEL LEAKS (See page [SF-1](#))

