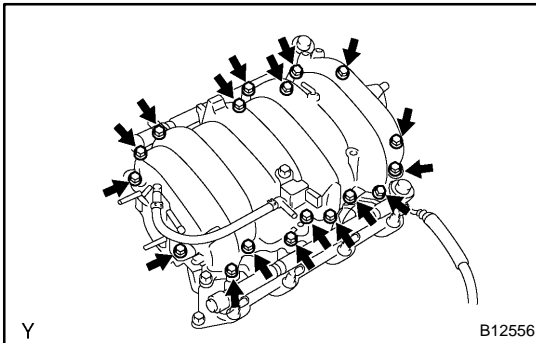


INSTALLATION

1. INSTALL INTAKE AIR CONTROL VALVE TO UPPER INTAKE MANIFOLD

Install the air control valve with the 6 bolts.

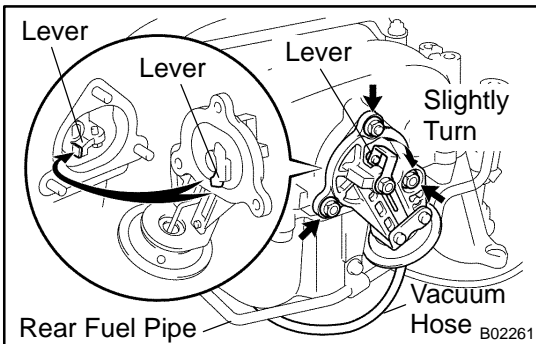
Torque: 8.5 N·m (85 kgf·cm, 75 in.-lbf)



2. INSTALL UPPER INTAKE MANIFOLD TO LOWER INTAKE MANIFOLD

Install a new gasket and the upper intake manifold with the 15 bolts and 3 nuts.

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

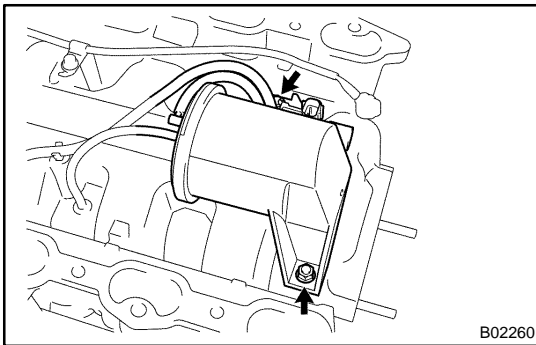


3. INSTALL INTAKE AIR CONTROL VALVE ACTUATOR TO UPPER INTAKE MANIFOLD

- Install a new gasket to the upper intake manifold.
 - Slightly turn the actuator lever clockwise, and attach the levers of the actuator and air control valve.
 - Install the actuator with the 3 nuts.
- Torque: 8.5 N·m (85 kgf·cm, 75 in.-lbf)**
- Connect the vacuum hose to the actuator.

HINT:

Pass the vacuum hose under the rear fuel pipe.



4. INSTALL VSV FOR ACIS TO VACUUM TANK

- Install the VSV with the screw.
- Install the vacuum hose between port F of the VSV and port A of the vacuum tank.

5. INSTALL VACUUM TANK AND VSV ASSEMBLY FOR ACIS TO LOWER INTAKE MANIFOLD

- Install the vacuum tank and VSV assembly with the 2 nuts.

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

- Connect these vacuum hoses:
 - Vacuum hose (from actuator) to port E of VSV
 - Vacuum hose (from lower intake manifold) to port B of vacuum tank

- Connect the VSV connector.

6. INSTALL UPPER AND LOWER INTAKE MANIFOLDS ASSEMBLY (See page [EM-60](#))

7. INSTALL THROTTLE BODY TO INTAKE MANIFOLDS (See page [SF-40](#))

8. INSTALL INTAKE AIR CONNECTOR PIPE

9. INSTALL V-BANK COVER