

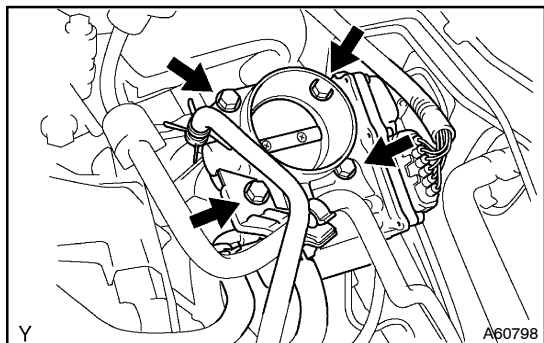
## Removal & Installation and Disassembly & Reassembly

1. DRAIN COOLANT (See page 16-6)

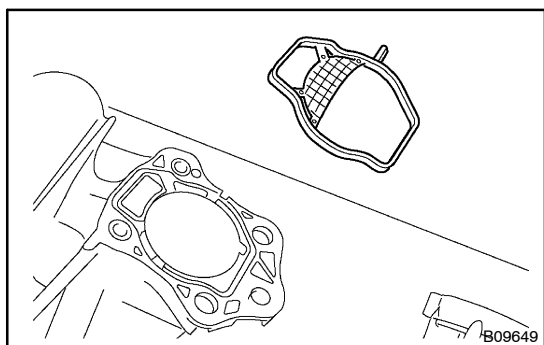
2. REMOVE AIR CLEANER CAP WITH AIR CLEANER HOSE

3. REMOVE THROTTLE BODY ASSY

- (a) Disconnect the throttle body assy connector.
- (b) Disconnect the vacuum hose from the throttle body.
- (c) Disconnect 2 water by-pass hoses.

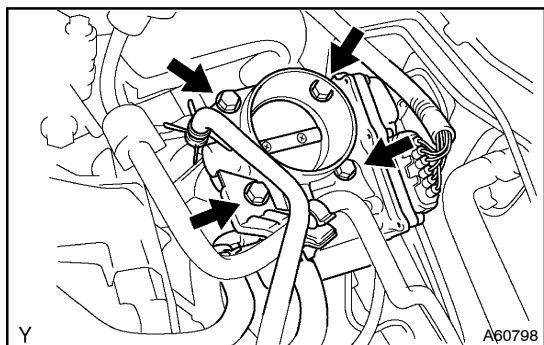


- (d) Remove 4 bolts and throttle body assy from intake manifold.
- (e) Remove the throttle body gasket.



4. INSTALL THROTTLE BODY ASSY

- (a) Install a new gasket on the intake manifold, as shown in the illustration.



- (b) install the throttle body assy with 4 bolts.  
**Torque: 30 N·m (305 kgf·cm, 22 ft·lb)**
- (c) Connect 2 water by-pass hoses to the throttle body assy.
- (d) Connect the throttle body assy connector.
- (e) Connect the vacuum hose to the throttle body assy.

5. ADD COOLANT (See page 16-6)

6. INSPECT / CHECK ENGINE COOLANT LEAK (See page 16-1)