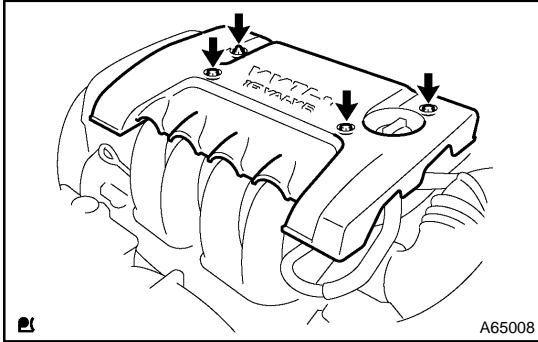


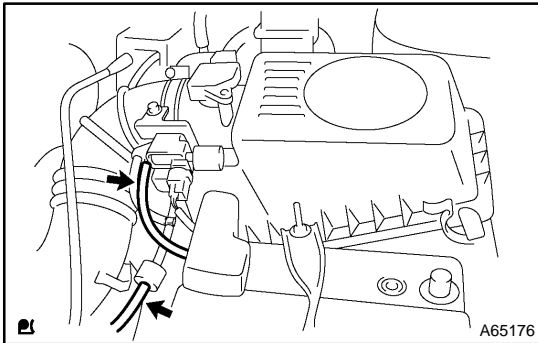
Removal & Installation and Disassembly & Reassembly

1. DRAIN COOLANT(See Page 16-6)



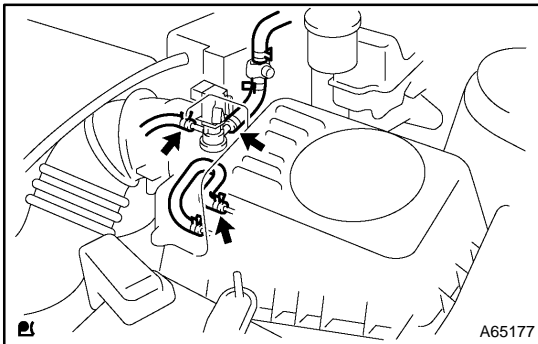
2. REMOVE CYLINDER HEAD COVER NO.2

- (a) Remove 3 bolts, nut and cylinder head cover No. 2.



3. REMOVE AIR CLEANER CAP SUB-ASSY

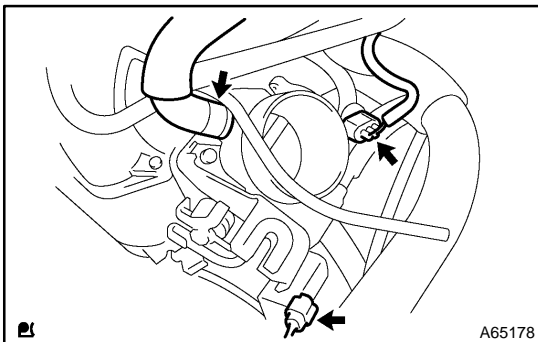
- (a) Disconnect 2 vacuum hoses as shown in the illustration.
 (b) Disconnect the MAF connector.
 (c) Disconnect 2 VSV connectors.



- (d) Disconnect 3 vacuum hoses, as shown in the illustration.
 (e) Loosen an air cleaner hose clamp and disconnect an air cleaner hose No. 1.
 (f) Remove the air cleaner cap.

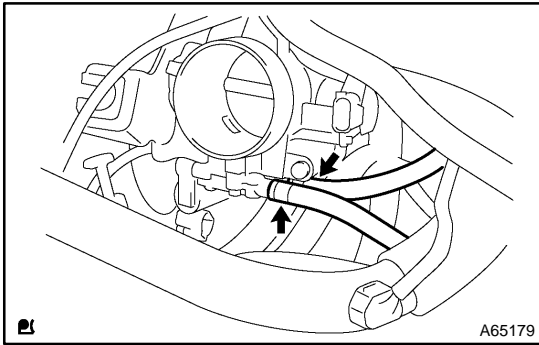
4. REMOVE AIR CLEANER HOSE NO.1

5. SEPARATE ACCELERATOR CONTROL CABLE ASSY

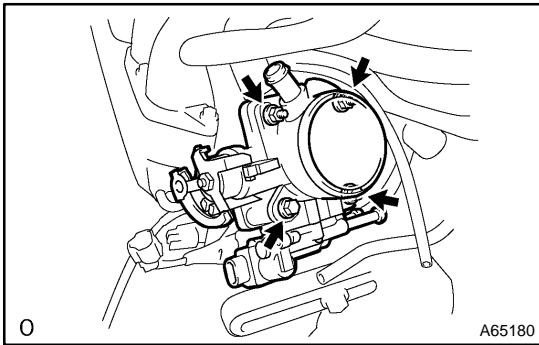


6. REMOVE THROTTLE BODY ASSY

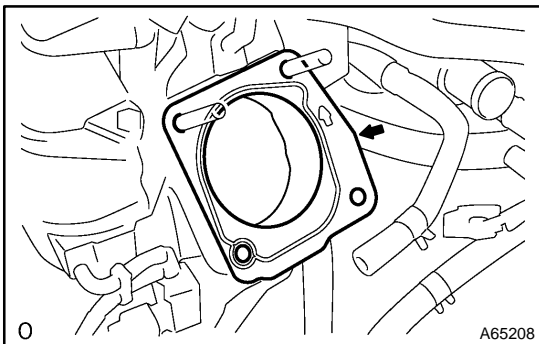
- (a) Disconnect an E.F.I. throttle position sensor connector.
 (b) Disconnect a throttle body idle speed control valve assembly connector.
 (c) Disconnect a PCV hose from throttle body.



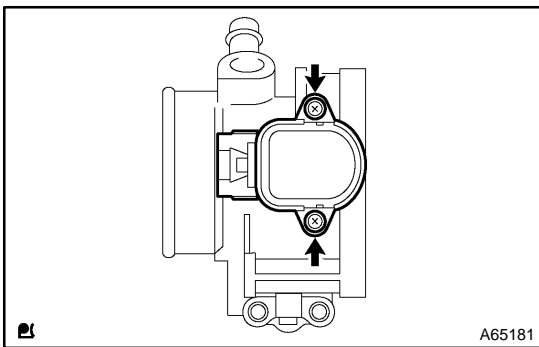
(d) Disconnect 2 water by-pass hoses from the throttle body.



(e) Remove the throttle body and accelerator control cable bracket with 2 bolts and 2 nuts.

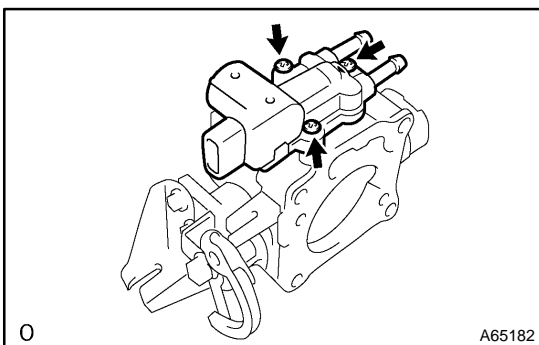


(f) Remove the gasket from the intake manifold.



7. REMOVE E.F.I. THROTTLE POSITION SENSOR

(a) Remove 2 screws and throttle position sensor.



8. REMOVE THLOTTLE BODY IDLE SPEED CONTROL VALVE ASSY

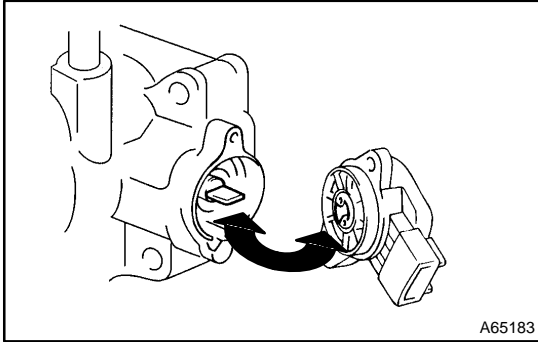
(a) Remove 3 screws and idle speed control valve.

(b) Remove the gasket from the throttle body.

9. INSTALL THROTTLE BODY IDLE SPEED CONTROL VALVE ASSY

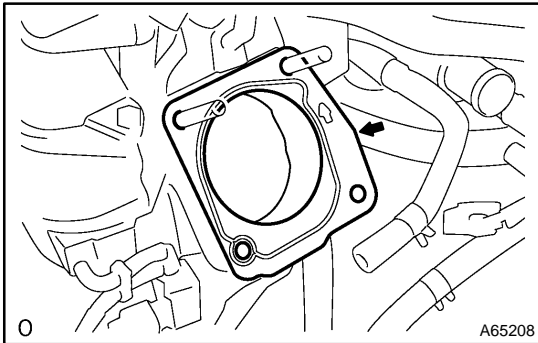
- (a) Install a new gasket on the throttle body.
- (b) Install the idle speed control valve assy with 3 screws.

Torque: 3.7 N·m (38 kgf·cm, 33 in·lbf)

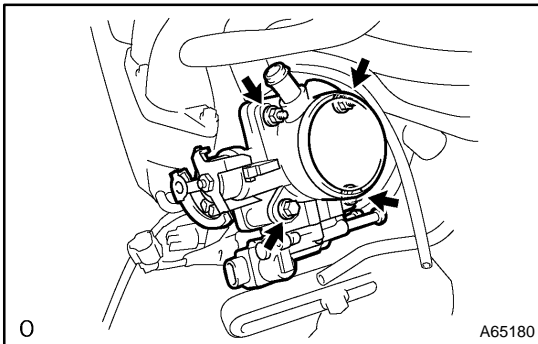
**10. INSTALL E.F.I. THROTTLE POSITION SENSOR**

- (a) Check that the throttle valve is fully close.
- (b) Insert the throttle position sensor to the throttle body with it turned clockwise by 30° to 90° against the fully close valve position.
- (c) By turning the throttle position sensor clockwise, tighten 2 screws.

Torque: 2.0 N·m (20 kgf·cm, 18 in·lbf)

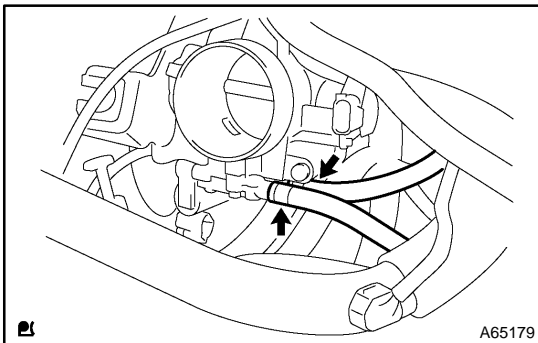
**11. INSTALL THROTTLE BODY ASSY**

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

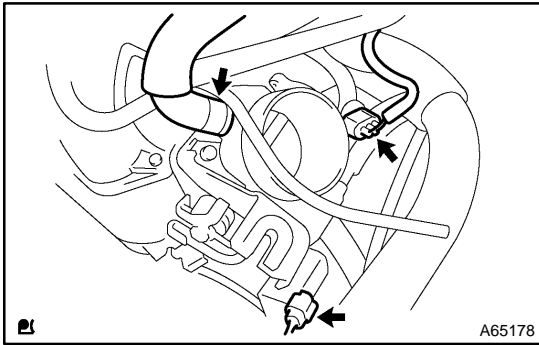


- (b) Install the throttle body and accelerator control cable bracket with 2 bolts and 2 nuts.

Torque: 22 N·m (224 kgf·cm, 16 ft·lbf)



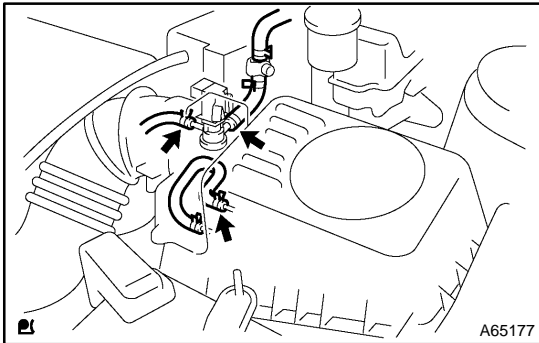
- (c) Connect 2 water by-pass hoses to the throttle body.



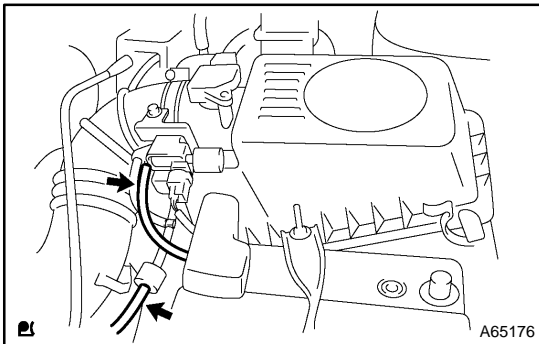
- (d) Connect the PCV hose to the throttle body.
- (e) Connect the throttle body idle speed control valve assy connector to the throttle body.
- (f) Connect the throttle position sensor connector to the throttle body.

12. INSTALL AIR CLEANER CAP SUB-ASSY

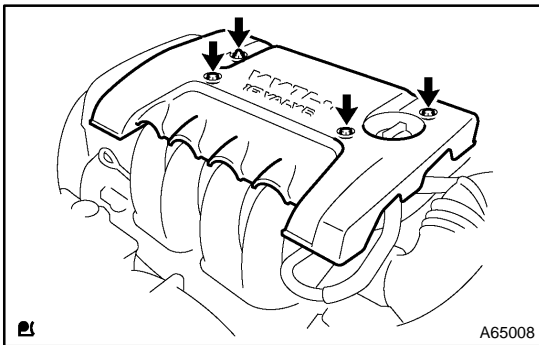
- (a) Install the air cleaner cap.
- (b) Connect the air cleaner hose No. 1.



- (c) Connect 3 vacuum hoses, as shown in the illustration.
- (d) Connect 2 VSV connectors.
- (e) Connect the MAF connector.



- (f) Connect 2 vacuum hoses as shown in the illustration.



13. INSTALL CYLINDER HEAD COVER NO.2

- (a) Install the cylinder head cover No. 2 with 3 bolts and a nut.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

14. ADD COOLANT (See Page 16-6)

15. CHECK ENGINE COOLANT LEAK (See Page 16-1)