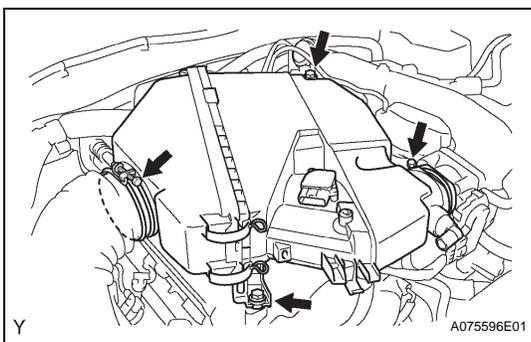
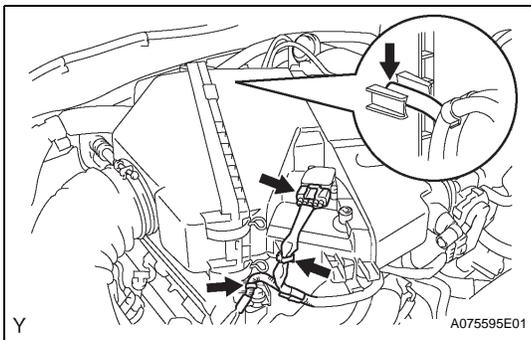
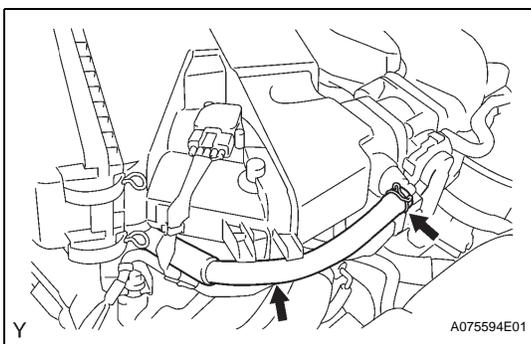
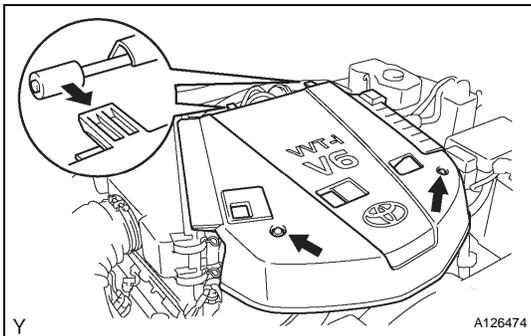


## REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. DRAIN ENGINE COOLANT (See page [CO-3](#))
3. REMOVE V-BANK COVER
  - (a) Remove the 2 nuts, then remove the V-bank cover.

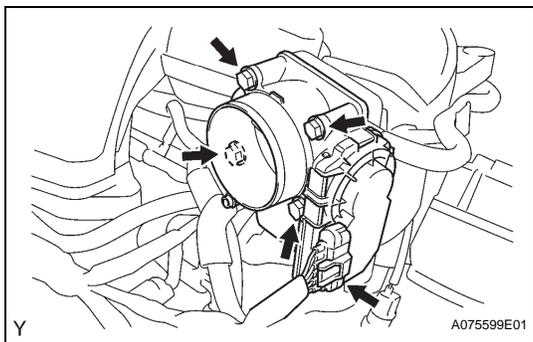


4. REMOVE AIR CLEANER ASSEMBLY
  - (a) Disconnect the No. 2 ventilation hose.
  - (b) Disconnect the vacuum hose.
  - (c) Disconnect the mass air flow meter connector.
  - (d) Disengage the 2 wire harness clamps.
  - (e) Loosen the 2 hose clamps.
  - (f) Remove the 2 bolts.
  - (g) Disconnect the air cleaner hose and remove the air cleaner.

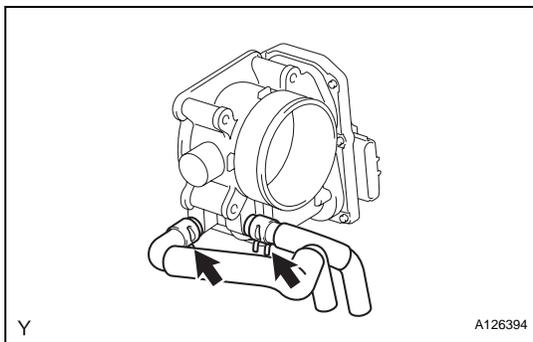


**5. REMOVE THROTTLE WITH MOTOR BODY ASSEMBLY**

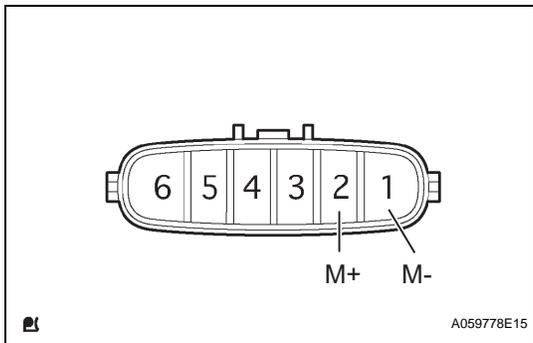
- (a) Disconnect the No. 5 water by-pass hose.
- (b) Disconnect the No. 4 water by-pass hose.



- (c) Disconnect the throttle motor connector.
- (d) Remove the 4 bolts, then remove the throttle w/ motor body and gasket.



- (e) Remove the No. 5 water by-pass hose.
- (f) Remove the No. 4 water by-pass hose.



**INSPECTION**

**1. INSPECT THROTTLE WITH MOTOR BODY ASSEMBLY**

- (a) Check the resistance.
  - (1) Using an ohmmeter, measure the resistance between the terminals.

**Standard resistance**

| Tester Connection | Specified Condition         |
|-------------------|-----------------------------|
| 1 (M-) - 2 (M+)   | 0.3 to 100 Ω at 20°C (68°F) |

If the result is not as specified, replace the throttle with motor body assembly.

ES