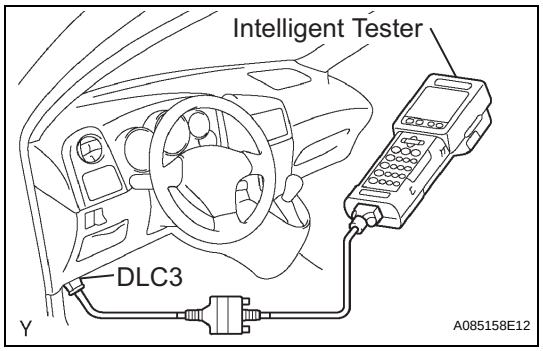
ON-VEHICLE INSPECTION

1. INSPECT THROTTLE BODY ASSEMBLY

(a) Listen to the throttle control motor operating sounds.
  (1) Turn the ignition switch to ON.
  (2) When pressing the accelerator pedal, listen to the running sounds of the motor. Make sure no friction noises come from the motor.
  If friction noises exist, check the throttle body, wire harness and ECM.



(b) Inspect the throttle position sensor.
  (1) Connect the intelligent tester to the DLC3.
  (2) Turn the ignition switch to ON.
  (3) Turn the intelligent tester ON.
  (4) Select the menu items: DIAGNOSIS / ENHANCED OBD II / DATA LIST / ALL / THROTTLE POS.
  (5) Depress the accelerator pedal. When the throttle valve is fully opened, check that the THROTTLE POS value is within the specified values.
  Standard:
  60 % or more
  NOTICE:
  When checking the standard throttle valve opening percentage, the transmission should be in the neutral position.
  If the result is not as specified, check the throttle body, wire harness and ECM.

ES

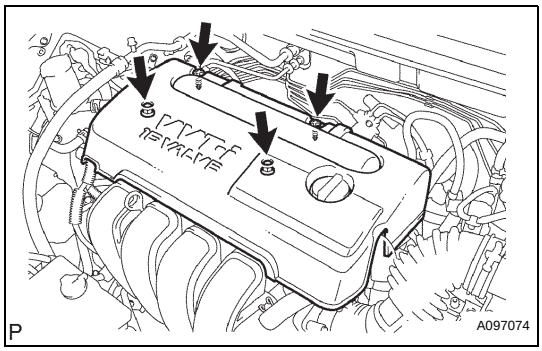
REMOVAL

1. DISCONNECT BATTERY NEGATIVE TERMINAL

2. DRAIN ENGINE COOLANT (See page CO-5)

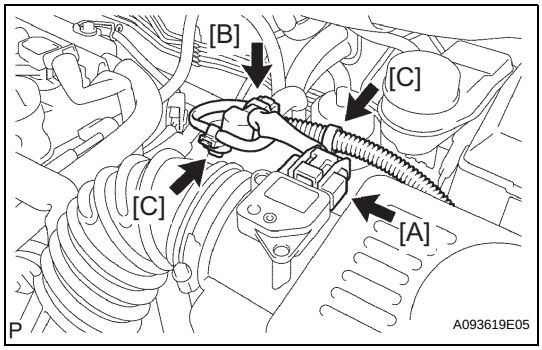
3. REMOVE CYLINDER HEAD COVER NO. 2

(a) Remove the 2 nuts and 2 clips, then remove the cylinder head cover No. 2.

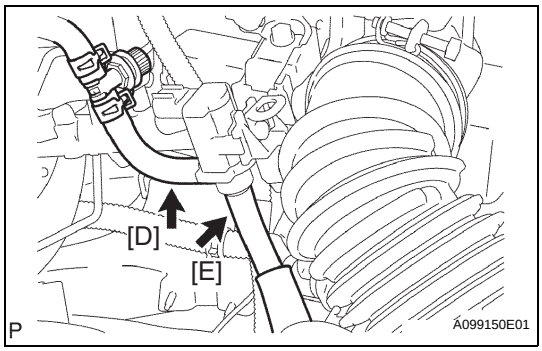


4. REMOVE AIR CLEANER CAP SUB-ASSEMBLY

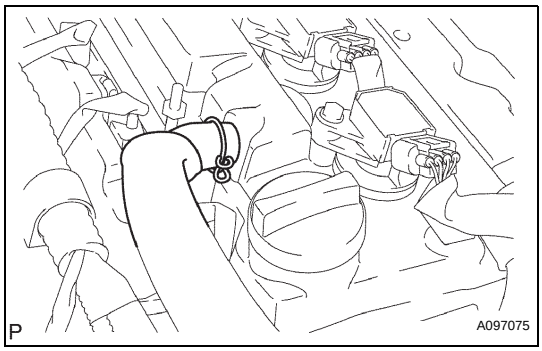
(a) Disconnect the mass air flow meter connector [A].
(b) Disconnect the VSV connector [B].
(c) Remove the 2 wire harness clamps [C].

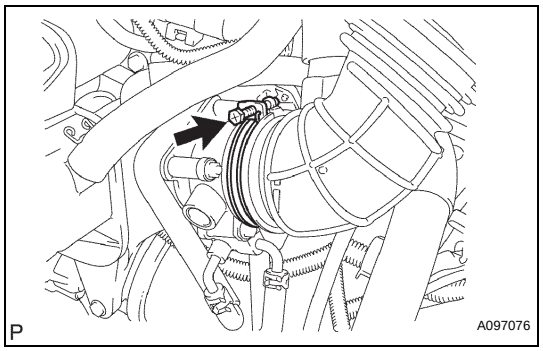


(d) Disconnect the fuel vapor feed hose No. 1 [D] from the VSV.
(e) Disconnect the fuel vapor feed hose No. 3 [E] from the VSV.

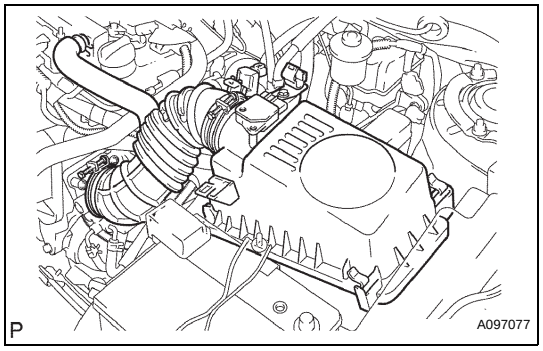


(f) Disconnect the ventilation hose No. 1 from the cylinder head cover.

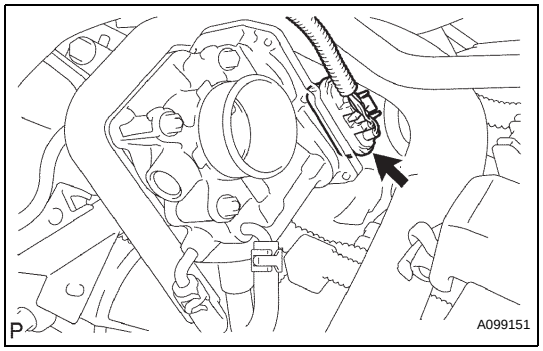




(g) Loosen the hose clamp bolt and air cleaner hose No. 1.

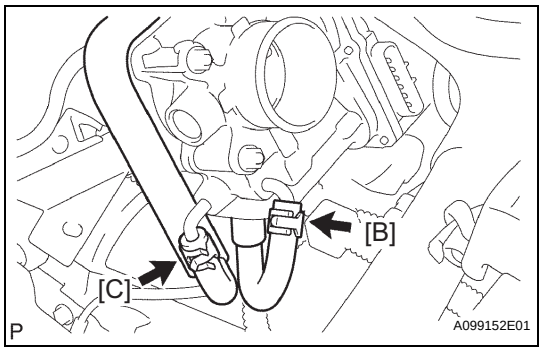


(h) Remove the air cleaner cap together with the air cleaner hose.



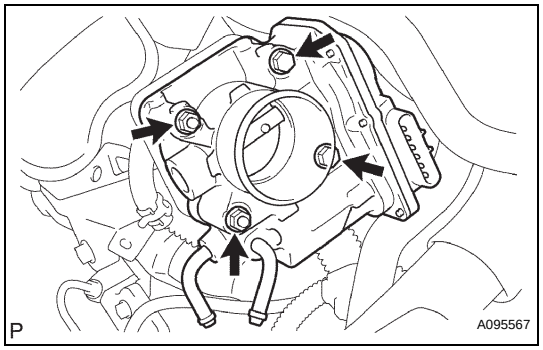
5. REMOVE THROTTLE BODY ASSEMBLY

(a) Disconnect the throttle control motor connector.



(b) Disconnect the water by-pass hose [B] from the throttle body.

(c) Disconnect the water by-pass hose No. 2 [C] from the throttle body.



(d) Remove the 2 bolts and 2 nuts, then remove the throttle body.