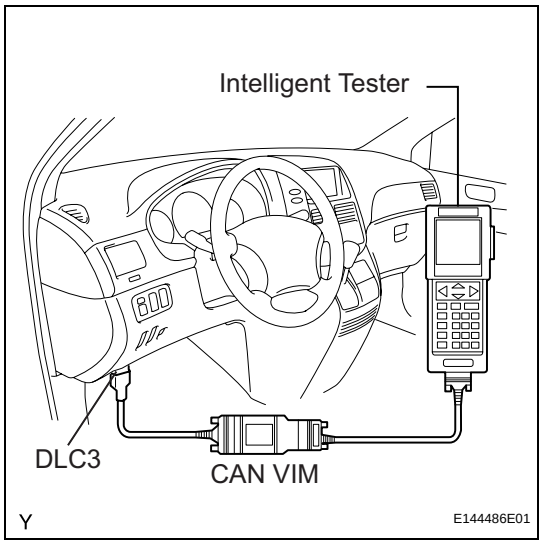
ON-VEHICLE INSPECTION

1. INSPECT THROTTLE BODY

(a) Listen to the throttle control motor operating sounds.
  (1) Turn the ignition switch to the ON position.
  (2) When pressing the accelerator pedal position sensor lever, listen to the running motor. Make sure that no friction noise comes from the motor.
  If friction noise exists, replace the throttle body.



(b) Inspect the throttle position sensor.
  (1) Connect the intelligent tester to the DLC3.
  (2) Turn the ignition switch to the ON position.
  (3) Check that the MIL turns off.
  (4) Under CURRENT DATA, the throttle valve opening percentage (THROTTLE POS) should be within the standard range below.
  Standard throttle valve opening percentage: 60% or more
  If the percentage is less than 60%, replace the throttle body.
  NOTICE:
  When checking the throttle valve opening percentage, the transmission should be in neutral.

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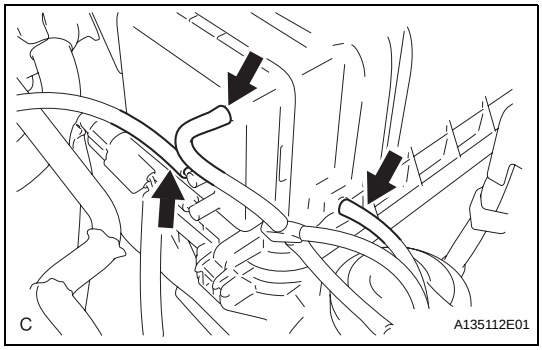
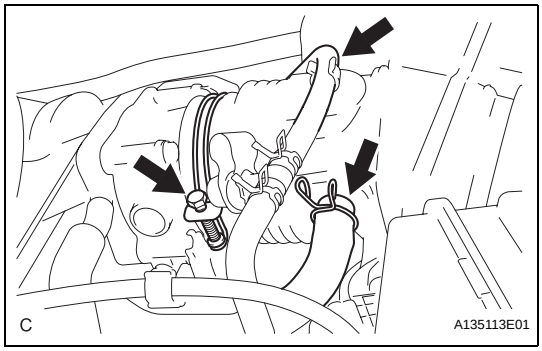
REMOVAL

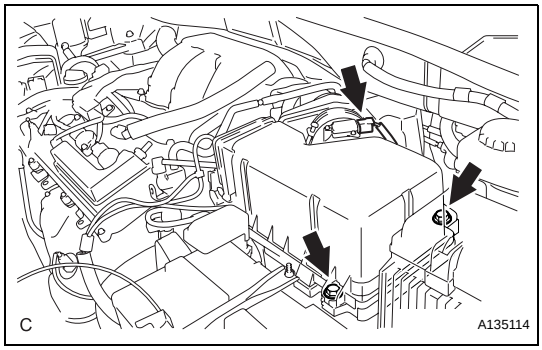
1. **REMOVE WINDSHIELD WIPER MOTOR ASSEMBLY**
   HINT:
   (See page WW-4)
2. **REMOVE FRONT OUTER COWL TOP PANEL SUB-ASSEMBLY (See page EM-27)**
3. **DRAIN ENGINE COOLANT (See page CO-6)**
4. **REMOVE V-BANK COVER SUB-ASSEMBLY (See page EM-28)**
5. **REMOVE NO. 2 AIR CLEANER INLET (See page EM-28)**
6. **REMOVE NO. 1 AIR CLEANER INLET (See page EM-28)**
7. **REMOVE AIR CLEANER CAP SUB-ASSEMBLY**
   (a) Disconnect the 3 vacuum hoses.



   (b) Remove the No. 2 ventilation hose and air cleaner hose band.
   (c) Disconnect the vacuum hose (EVAP) from the air cleaner hose.



   (d) Disconnect the mass air flow meter connector.
   (e) Remove the 2 bolts and air cleaner cap sub-assembly.



8. **REMOVE AIR CLEANER CASE SUB-ASSEMBLY (See page EM-28)**