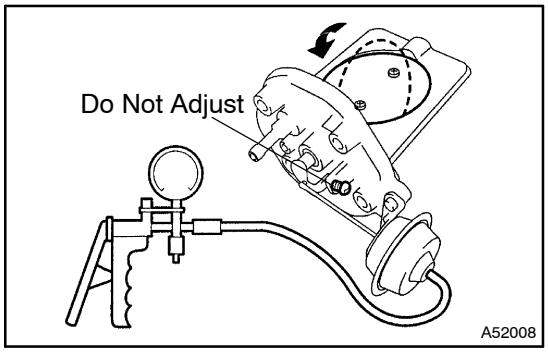
1302H–01

INSPECTION



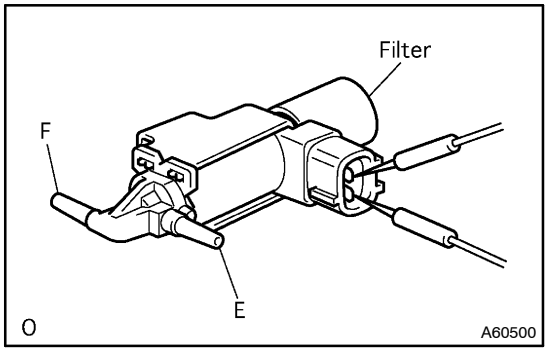
1. INTAKE AIR CONTROL VALVE ASSY

(a) With 26.7 kPa (200 mm Hg, 7.9 in. Hg) of vacuum applied to the actuator, check that the actuator rod moves.
(b) One minute after applying the vacuum, check that the actuator rod does not return.
(c) If the operation is not as specified, replace the intake air control valve assembly.

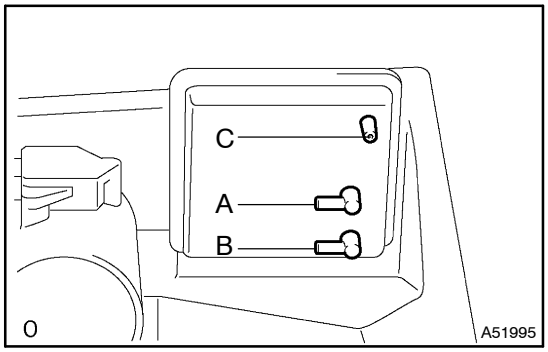
NOTICE:
Do not adjust the adjust screw.

2. INTAKE AIR CONTROL VALVE ASSY NO.3

(a) Inspect actuator operation
  (1) With 26.7 kPa (200 mm Hg, 7.9 in. Hg) of vacuum applied to the actuator, check that the actuator rod moves.
  (2) One minute after applying the vacuum, check that the actuator rod does not return.
  (3) If the operation is not as specified, replace the intake air control valve No.3.

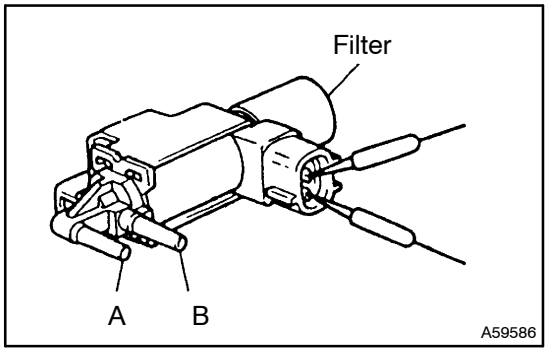


(b) Inspect VSV operation
  (1) Using an ohmmeter, check that there is continuity between each terminals.
  Resistance: 37 – 44 Ω at 20°C (68°F)
  (2) Check that air flows form port E to the filter.
  (3) Apply battery voltage across the terminals.
  (4) Check that air flows from port E to port F.



3. AIR CLEANER CAP SUB–ASSY

(a) Cover port C with finger, and check that air flows form port B to port A.
(b) Cover port C with finger, and check that air does not flow from port A to port B.
(c) Cover port A and C with fingers, and apply 60 kPa (450 mm Hg, 18 in. Hg) of vacuum to port B, and check that there is no change of vacuum after one minute.



4. VACUUM SWITCHING VALVE ASSY NO.1

(a) Using an ohmmeter, check that there is continuity between each terminals.
Resistance: 33 – 39 Ω at 20°C (68°F)
(b) Check that air flows form port B to the filter.
(c) Apply battery voltage across the terminals.
(d) Check that air flows from port B to port A.