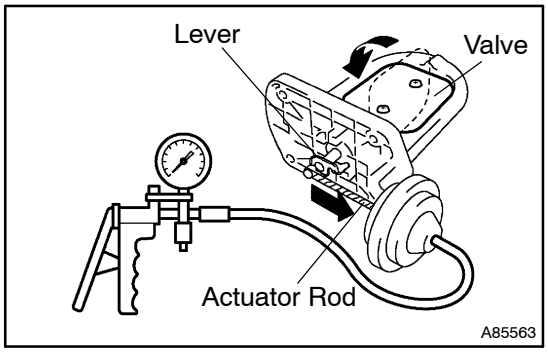
1308T–01

INSPECTION

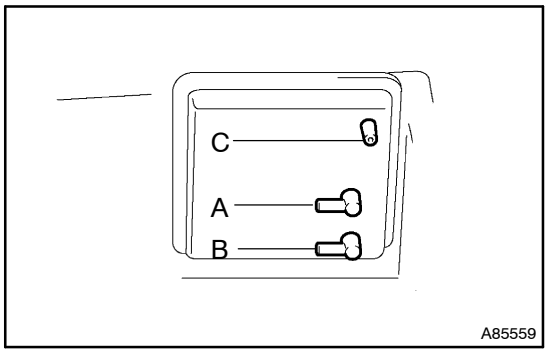


1. INSPECT INTAKE AIR CONTROL VALVE ASSY NO.2

(a) Apply 26.7 kPa (200 mmHg, 7.9 in.Hg) of vacuum to the actuator. Check if the actuator rod pulls the lever and causes the valve to rotate open, as shown in the illustration.

(b) One minute after applying the vacuum, check that the actuator rod does not return.

If the result is not as specified, replace the IAC valve assy No. 2.



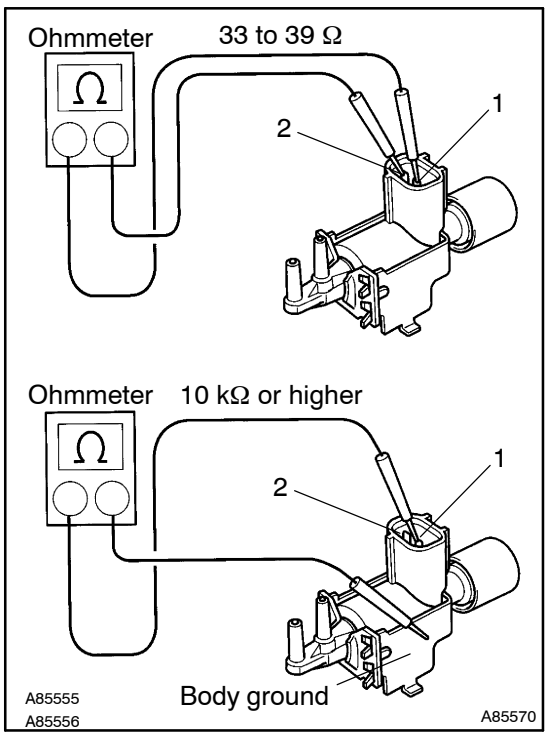
2. INSPECT AIR CLEANER CAP SUB–ASSY

(a) Cover port C with your finger, and check that air flows from port B to port A.

(b) Cover port C with your finger, and check that air does not flow from port A to port B.

(c) Cover ports A and C with your fingers, and apply 60 kPa (450 mmHg, 18 in.Hg) of vacuum to port B. Check that there is no change in the vacuum after 1 minute.

If the result is not as specified, replace the air cleaner cap.



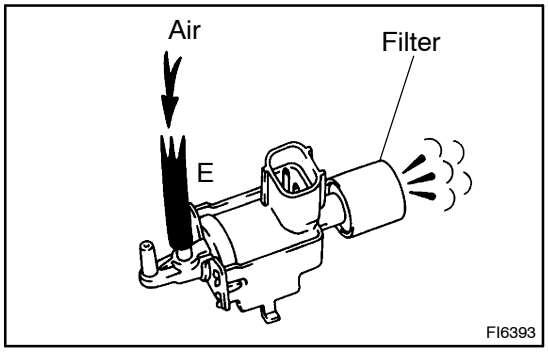
3. INSPECT VACUUM SWITCHING VALVE ASSY FOR IAC VALVE NO. 2

(a) Measure the VSV resistance.

Standard:

Tester Connection	Specified Condition
1 – 2	33 to 39 Ω at 20°C (68°F)
1 – Body ground 2 – Body ground	10 kΩ or higher

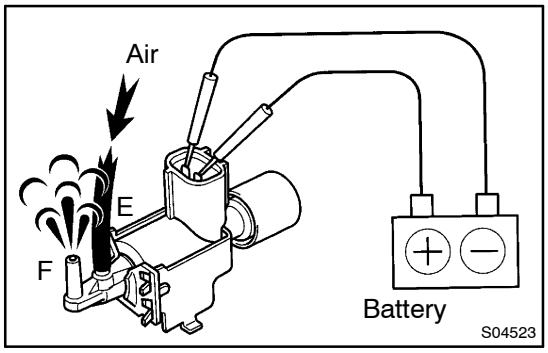
If the result is not as specified, replace the VSV assy.



(b) Check VSV operation.

(1) Check that air flows from port E to the filter.

If the result is not as specified, replace the VSV assy.



(2) Apply battery voltage across the terminals.

(3) Check that air flows from port E to port F.

If the result is not as specified, replace the VSV assy.