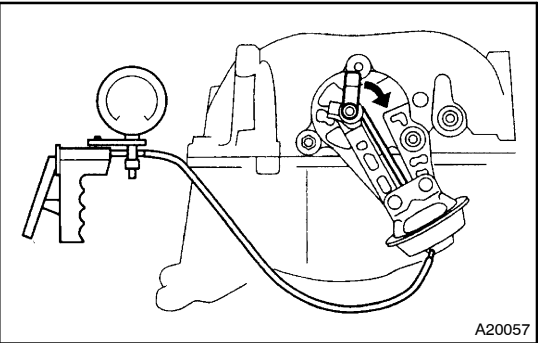
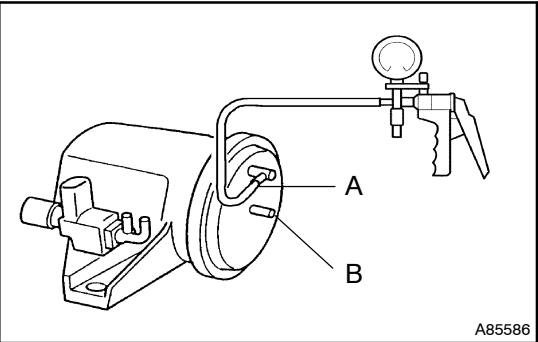


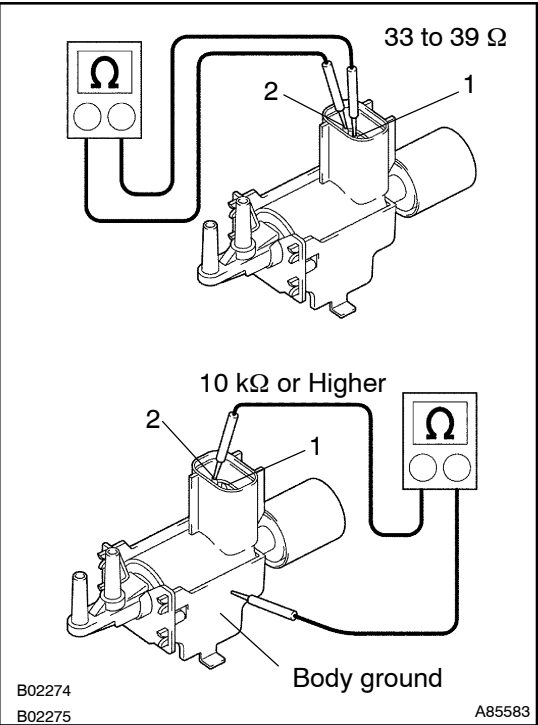
INSPECTION



- 1. INSPECT INTAKE AIR CONTROL VALVE ACTUATOR**
- (a) Connect the MITYVAC (hand-held vacuum pump) to the actuator.
 - (b) Apply a vacuum of 39.9 kPa (300 mmHg, 11.8 in. Hg) to the actuator and check that the actuator rod moves.
 - (c) One minute after applying the vacuum, check that the rod's position is the same as in step (a).
- If the result is not as specified, replace the IAC valve actuator.



- 2. INSPECT VACUUM TANK**
- (a) Connect the MITYVAC (hand-held vacuum pump) to port A.
 - (b) Apply a vacuum of 66.7 kPa (500 mmHg, 20 in. Hg) to the vacuum tank.
 - (c) One minute after applying the vacuum, check that the pressure does not change.
- If the result is not as specified, replace the vacuum control valve set.

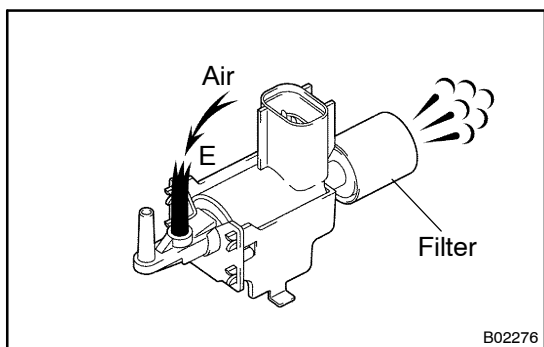


- 3. INSPECT VACUUM SWITCHING VALVE ASSY FOR IAC VALVE**
- (a) Measure the VSV resistance.

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

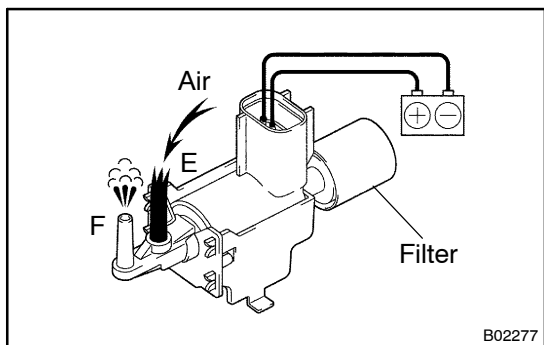
If the result is not as specified, replace the VSV Assy.



(b) Check the 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 positive voltage across the terminals.

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

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