VACUUM SWITCHING VALVE

COMPONENTS

- AIR CLEANER ASSEMBLY
- NO. 1 VACUUM SWITCHING VALVE ASSEMBLY
- V-BANK COVER
- VACUUM HOSE
- NO. 2 VENTILATION HOSE
- VACUUM HOSE
- NO. 1 VACUUM SWITCHING VALVE ASSEMBLY

N*m (kgf*cm, ft*lbf) : Specified torque

8.0 (82, 71 in.*lbf)
7.5 (76, 66 in.*lbf) x2
9.0 (92, 80 in.*lbf)
REMOVAL
1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. REMOVE V-BANK COVER (See page ES-428)
3. REMOVE AIR CLEANER ASSEMBLY (See page ES-429)
4. REMOVE NO. 1 VACUUM SWITCHING VALVE ASSEMBLY
   (a) Disconnect the connector.
   (b) Disconnect the 2 vacuum hoses.
   (c) Remove the bolt and No. 1 vacuum switching valve from the intake air surge tank.

INSPECTION
1. INSPECT NO. 1 VACUUM SWITCHING VALVE ASSEMBLY
   (a) Check the resistance.
      (1) Using an ohmmeter, measure the resistance between the terminals.
      Standard resistance
      
      | Tester Connection | Specified Condition |
      |-------------------|---------------------|
      | 1 - 2             | 33 to 39Ω at 20°C (68°F) |

      If the result is not as specified, replace the vacuum switching valve No. 1.

   (b) Check the vacuum switching valve No. 1 for ground.
      (1) Using an ohmmeter, measure the resistance between each terminal and the body.
      Standard resistance
      
      | Tester Connection | Specified Condition |
      |-------------------|---------------------|
      | 1 - Body          | 10 kΩ or higher     |
      | 2 - Body          | 10 kΩ or higher     |

      If the result is not as specified, replace the vacuum switching valve No. 1.

   (c) Check the operation.
      (1) Check that air does not flow from port E to port F.
      If the operation is not as specified, replace the vacuum switching valve No. 1.