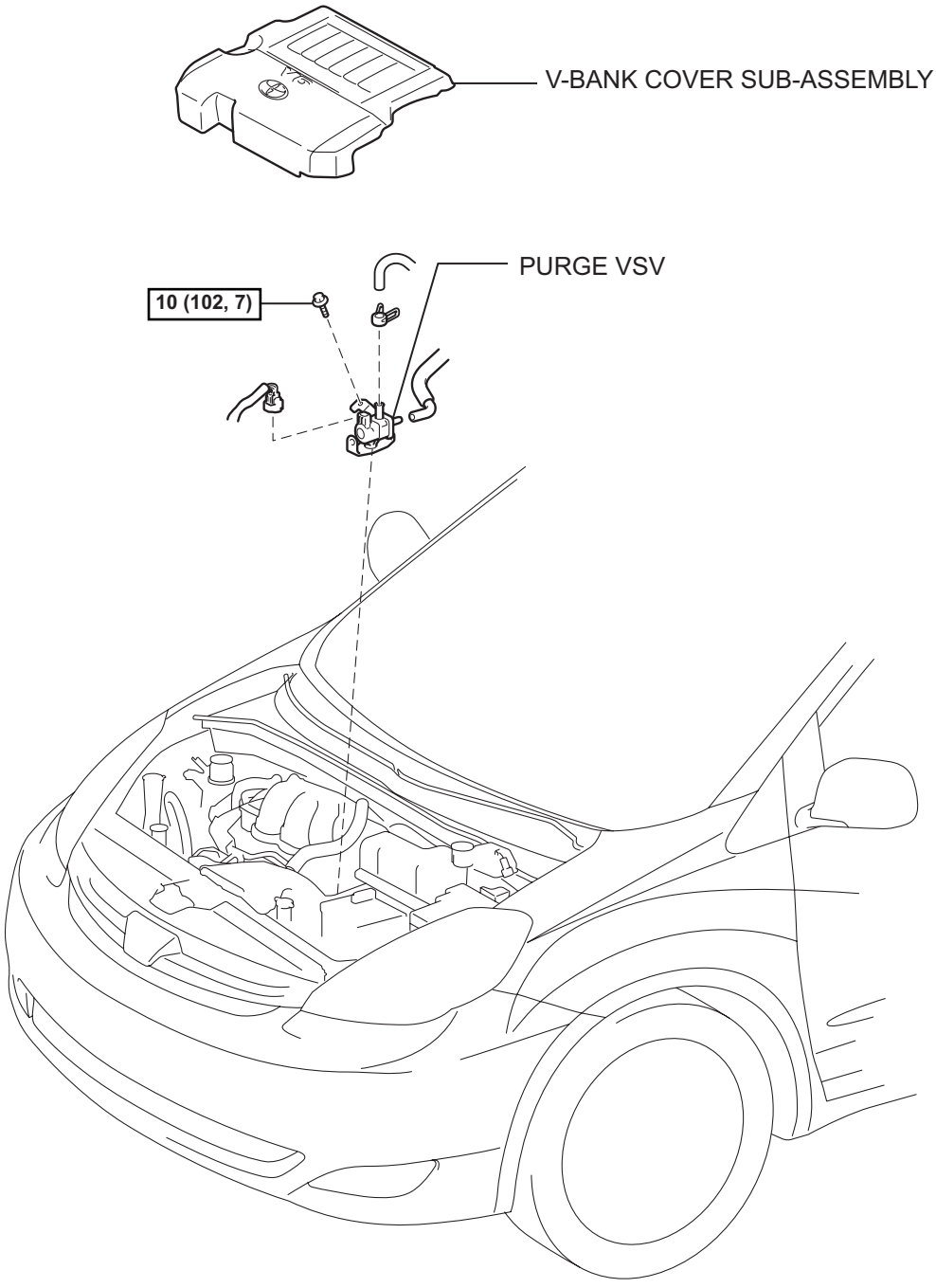
VACUUM SWITCHING VALVE

COMPONENTS



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

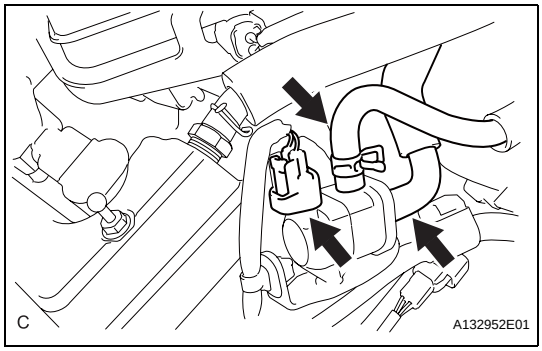
H

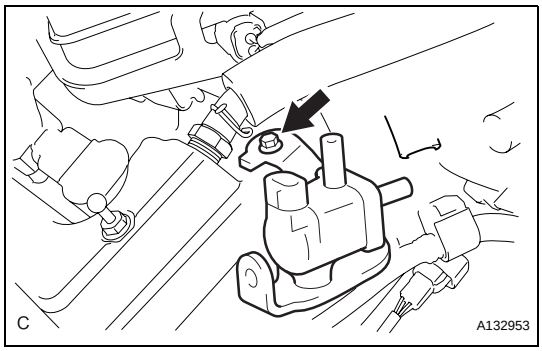
A162858E01

EC

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE V-BANK COVER SUB-ASSEMBLY (See page EM-28)**
3. **REMOVE PURGE VSV**
   (a) Disconnect the purge VSV connector.
   (b) Disconnect the 2 purge line hoses from the purge VSV.
   (c) Remove the purge VSV from the air cleaner hose.





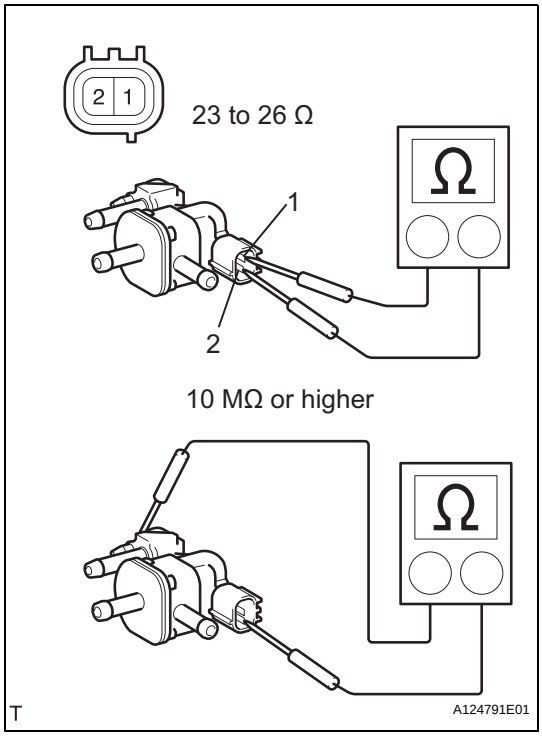
(d) Remove the bolt and No. 1 vacuum switching valve.

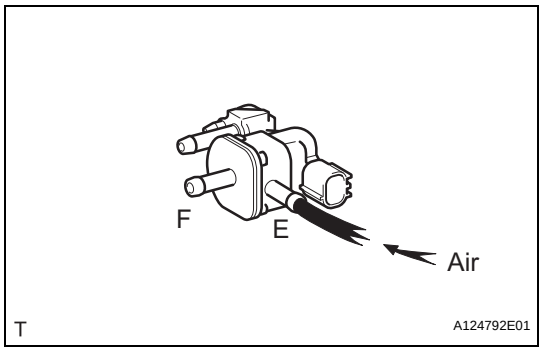
INSPECTION

1. **INSPECT PURGE VSV**
   (a) Measure the resistance of the purge VSV.
   Standard resistance

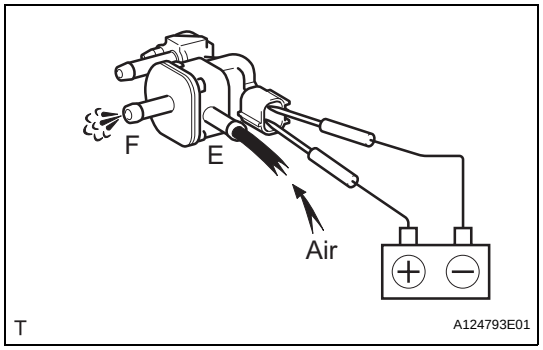
Tester Connection	Specified Condition
1 - 2	23 to 26 Ω at 20°C (68°F)
1 - Body ground 2 - Body ground	10 MΩ or higher

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





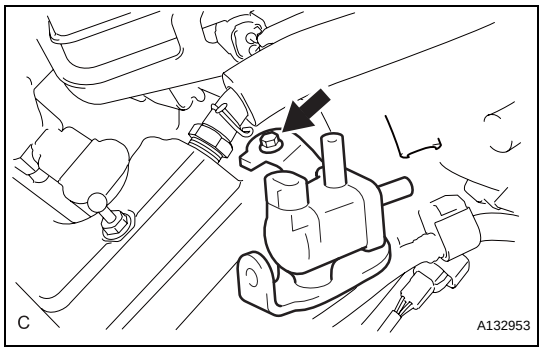
(b) Check the operation of the purge VSV.
(1) Check that air does not flow from port E to port F.



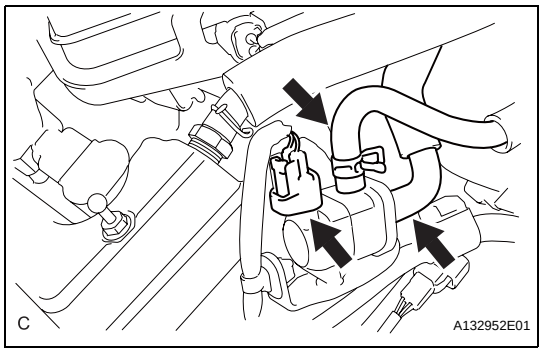
(2) Apply battery voltage across the terminals.
(3) Check that air flows from port E to port F.
If the result is not as specified, replace the purge VSV.

EC

INSTALLATION



1. INSTALL PURGE VSV
(a) Install the Purge VSV with the bolt.
Torque: 10 N*m (102 kgf*cm, 7 ft.*lbf)



(b) Connect the 2 vacuum hoses and No. 1 vacuum switching valve connector.

2. INSTALL V-BANK COVER SUB-ASSEMBLY (See page EM-63)

3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL