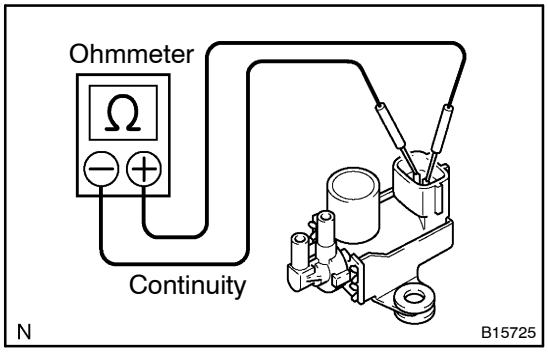


E–VRV FOR TURBOCHARGING PRESSURE CONTROL

TC03Y–01

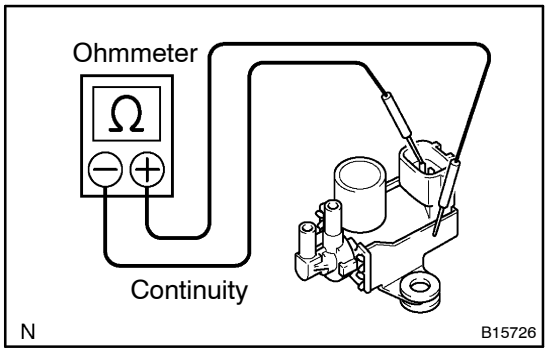
INSPECTION

1. INSPECT E–VRV FOR OPEN CIRCUIT

Using an ohmmeter, measure the resistance between terminals as shown.

Resistance: 11 – 13 Ω at 20 °C (68 °F)

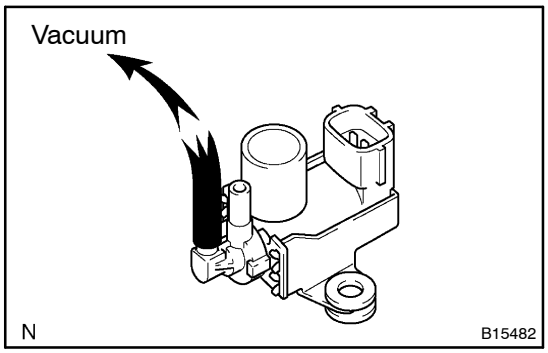
If the resistance is not specified, replace the E–VRV.



2. INSPECT E–VRV FOR GROUND

Using an ohmmeter, check that there is no continuity between terminals and E–VRV body.

If there is continuity, replace the E–VRV.



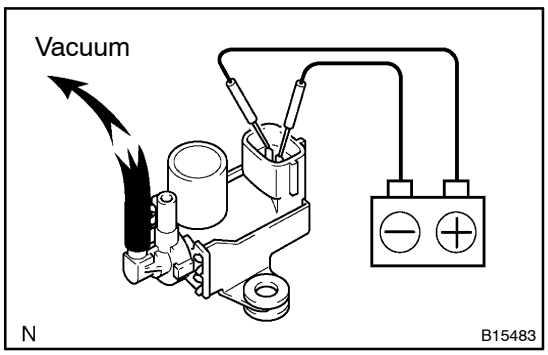
3. INSPECT E–VRV FOR AIR TIGHTNESS

Check that when vacuum is applied to the vacuum outlet port shown, the needle of vacuum pump indicates an increase of 86.7 kPa (650 mmHg, 25.6 in.Hg) or more.

If a problem is found, replace the E–VRV.

HINT:

Do not leave the connector disconnected over a long time with the engine running.



4. INSPECT E–VRV OPERATION

(a) Apply about 6 V of DC power to the terminals.

(b) Check that when vacuum is applied to the vacuum outlet port shown, the need does not move.

If operation is not as specified, replace the E–VRV.