13057–01

INSPECTION

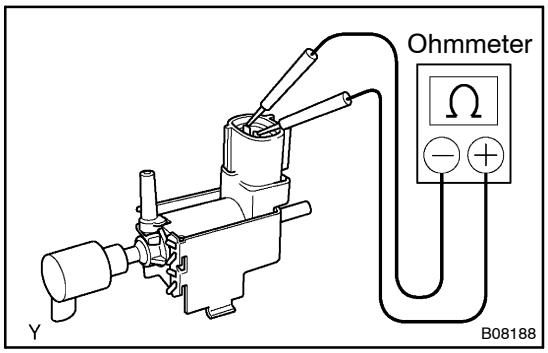
1. TURBOCHARGER COMPENSATE RESISTOR

(a) Using an ohmmeter, measure the resistance between terminals.

Standard resistance:

Mark	Resistance
1	214 – 228 Ω
2	285 – 303 Ω
3	372 – 394 Ω
4	472 – 502 Ω
5	600 – 638 Ω
6	763 – 811 Ω
7	989 – 1,051 Ω
8	1,290 – 1,370 Ω
9	1,727 – 1,833 Ω

If resistance is not specification, replace the turbocharger compensate resistor.

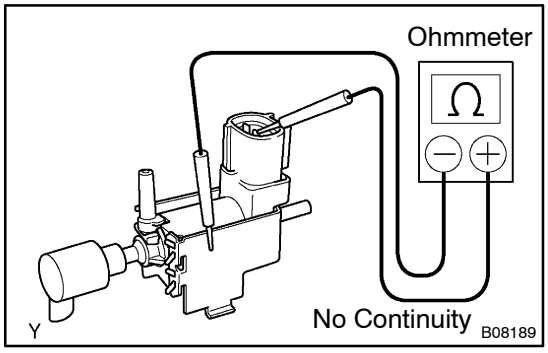


2. VACUUM SWITCHING VALVE ASSY NO.1

(a) Inspect the VSV for open circuit.

(1) Using an ohmmeter, check that resistance between each terminal.

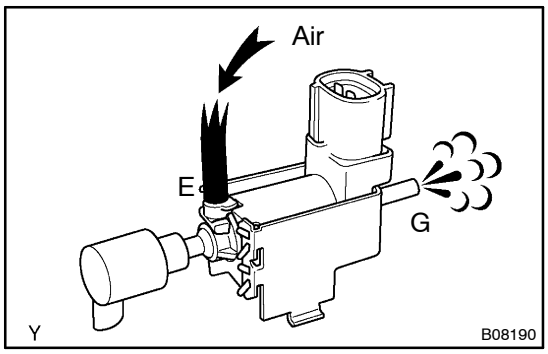
Resistance: 37 – 44 Ω at 20°C (68°F)



(b) Inspect the VSV for ground.

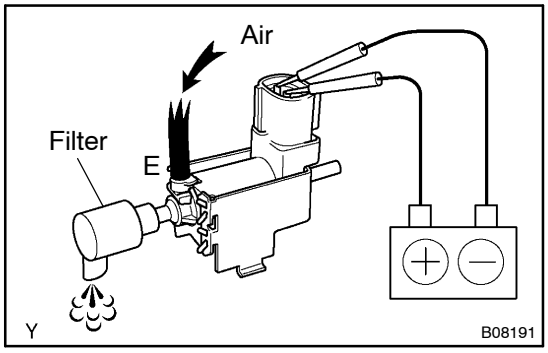
(1) Using an ohmmeter, check that there is no continuity between terminals and body.

Specified condition: No continuity



(c) Inspect the VSV operation.

(1) Check that air does not flows from port E to G.



(2) Apply battery voltage across the terminals.
(3) Check that air flows from port E to filter.