

1GR-FE EMISSION CONTROL PURGE VALVE INSPECTION

PROCEDURE

1.INSPECT PURGE VSV

17650G

- a. Inspect the resistance.
i. Measure the resistance according to the value(s) in the table below.

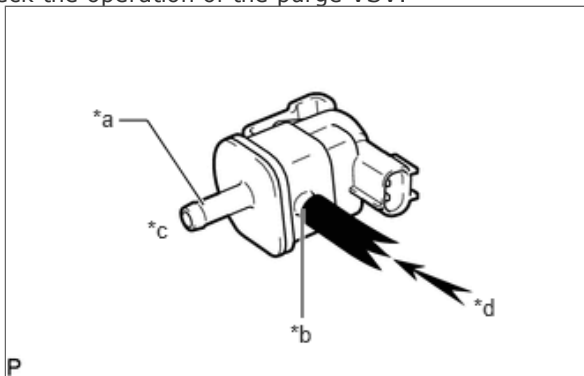
Standard Resistance:

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

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

- b. Check the operation of the purge VSV.

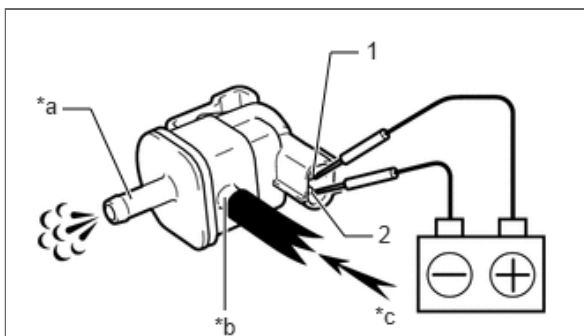
i.



*a	Port F
*b	Port E
*c	Does not flow
*d	Air

Check that air does not flow from port F when air is applied to port E.

ii.



*a	Port F
*b	Port E
*c	Air

Apply battery voltage to the connector and check the purge VSV operation.

OK:

Measurement Condition	Specified Condition
-----------------------	---------------------

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Air flows from port E to port F

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