

## VARIABLE RESISTOR (Station Wagon Except Europe) VARIABLE RESISTOR INSPECTION

508A6-01

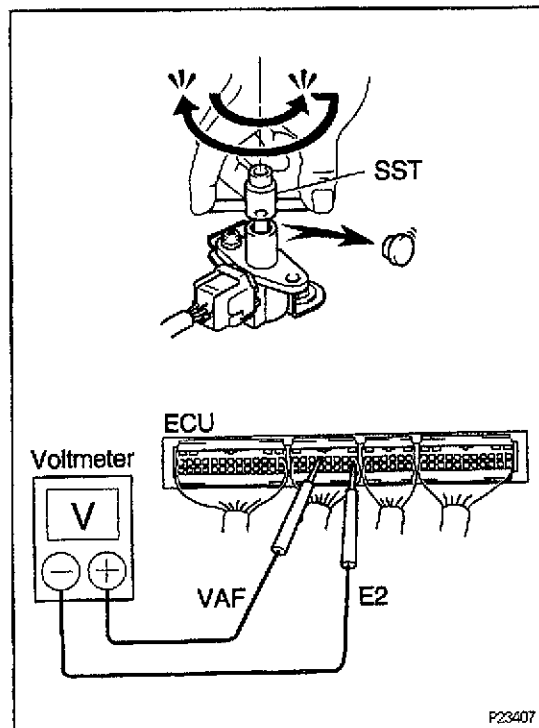
### 1. INSPECT POWER SOURCE VOLTAGE OF VARIABLE RESISTOR

- Disconnect the variable resistor connector.
- Turn the ignition switch ON.
- Using a voltmeter, measure the voltage between connector terminals VCC and E2 of the wiring harness side.

**Voltage:**

**4.5 – 5.5 V**

- Turn the ignition switch to LOCK.
- Reconnect the variable resistor connector.



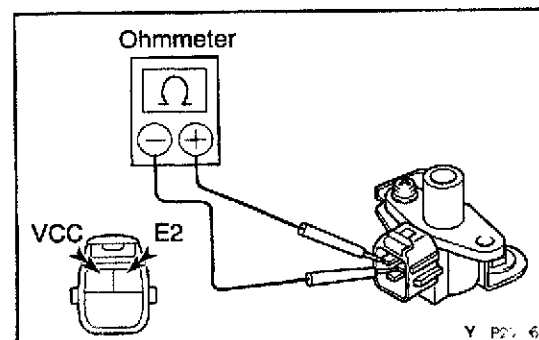
### 2. INSPECT POWER OUTPUT OF VARIABLE RESISTOR

- Turn the ignition switch ON.
- Connect a voltmeter to terminals VAF and E2 of the ECU, and measure the voltage while slowly turning the idle mixture adjusting screw first fully counter-clockwise, and then fully clockwise using SST.

SST 09243-00020

- Check that voltage changes smoothly from 0 V to approx. 5 V.

**HINT:** There is no sudden jump up to 5 V or down to 0 V.



### 3. INSPECT RESISTANCE OF VARIABLE RESISTOR

- Disconnect the variable resistor connector.
- Using an ohmmeter, measure the resistance between terminals VCC and E2 of the variable resistor.

**Resistance:**

**4 – 6 kΩ**