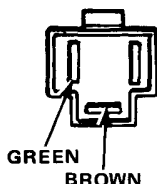


IMA Sensor

Testing

1. Disconnect the connector of the IMA sensor at the control box.
2. Turning the idle adjusting screw fully, measure resistance between the brown terminal and the green terminal at the sensor.

Resistance should be:
0.25–6.2 K Ω



IDLE ADJUSTING SCREW



- If resistance is outside above ranges, replace IMA sensor.

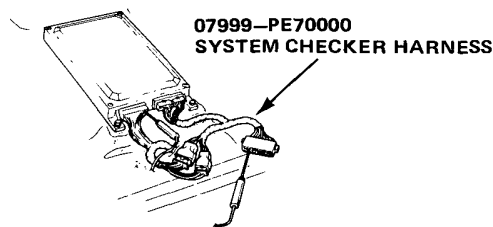
NOTE: Whenever the inspection or the replacement of IMA sensor is performed, check specification for CO. See page 11–23.

PA Sensor



Testing

1. Disconnect the control unit connectors and connect the special tool 'System Checker Harness' between the control unit and the wireharness connector.

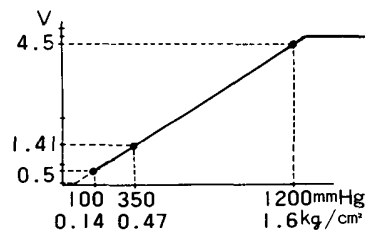


2. Connect a digital voltmeter positive probe to the terminal No. 19 of the system checker harness and connect negative probe to the terminal No. 1 of the control unit connector B. Turn the ignition switch ON and measure voltage of two terminals.

There should be: 2.76–2.96 V

SYSTEM CHECKER HARNESS

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
Bu/W	G/W	G/Y	R/Bu	G/Or	Y	Y/Bl	W/Y	Or	Or/Bu	R/Y
R/Bu	W	Y/R	R	W	W/Bu	R/W	R/W	Br/Bl	Br/W	W
⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒



- If the voltage does not attain, check the wire harness.
- If the wire harness is OK, replace the PA sensor.

NOTE: The voltage drops as the altitude increases. (0.3 V for every 1,000 m)

PA sensor is located under the left side dash. (R/H drive: Right side)

PA SENSOR

