

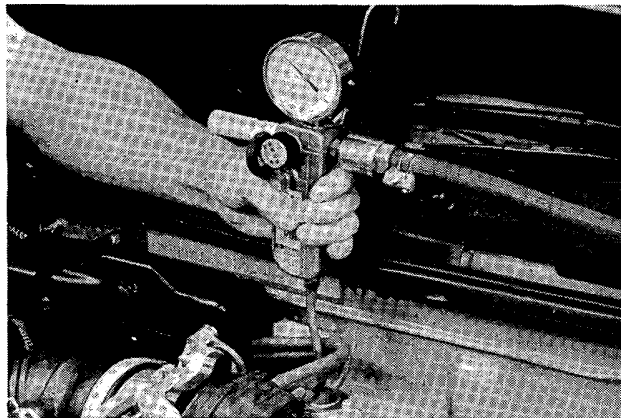
MAP Sensor



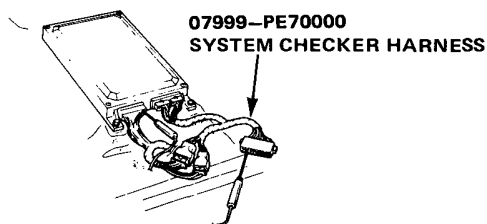
Testing

1. Disconnect the hose No. 21 from the throttle body to the MAP sensor in the control box, and plug the throttle body output port with a cap and connect a vacuum pump to the hose.

NOTE: Use commercially available vacuum pump.



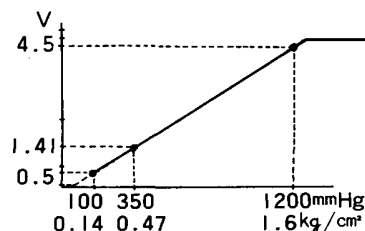
2. Disconnect the control unit connectors, and connect the special tool 'System Checker Harness' between the control unit and the wireharness connector.



3. Connect digital voltmeter positive probe to the terminal No. 13 of the system checker harness and connect negative probe to the terminal No. 1 of the control unit connector B. Turning the ignition switch ON, apply negative pressure by means of the vacuum pump, and check the change in output voltage.

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



Voltmeter should indicate voltage along with the chart above.

- If the voltage does not attain, check the hose and the wireharness.
- If the hose and the wireharness are OK, replace the MAP sensor.

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