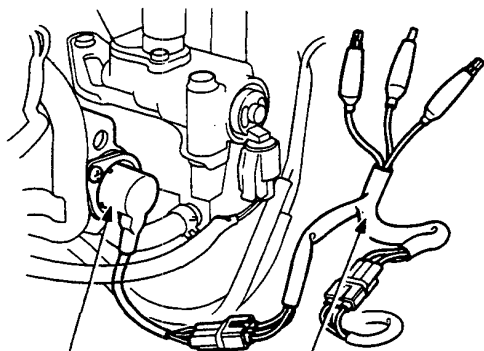


Throttle Angle Sensor

Test/Adjustment

NOTE: Adjustment for the throttle angle sensor of the fuel injected engine is not required.

1. Connect the inspection adaptor between the throttle angle sensor and the engine wire harness.

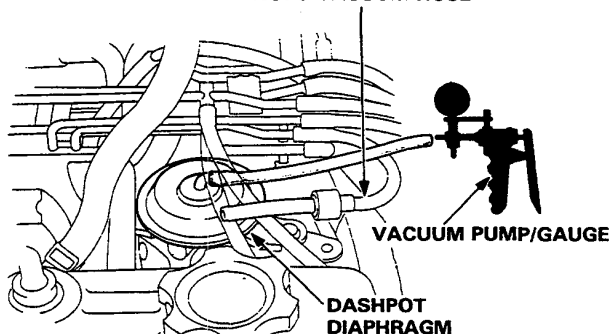


THROTTLE ANGLE SENSOR

INSPECTION ADAPTOR
07GMJ-ML80100

2. Start the engine and warm it up to normal operating temperature.
3. Stop the engine and turn the ignition switch ON.
4. Measure the voltage between the red clip (+) and green clip (-) of the adaptor.
5. Connect the vacuum pump/gauge to the dashpot diaphragm, and apply vacuum (KS, KQ, KZ, KX model only).

NO. 6 VACUUM HOSE



VACUUM PUMP/GAUGE

DASHPOT
DIAPHRAGM

6. When the throttle valve opening is at idle angle, measure the voltage between the white clip (+) and the green clip (-) of the adaptor.

STANDARD: 0.48—0.52 V $\pm 10\%$ (when the voltage between the red clip and green clip of the adaptor is 5.0 V $\pm 10\%$.)

- Reinstall the throttle angle sensor adjusting its position if the voltage is out of specification.

7. When the throttle valve is fully opened, measure the voltage between the white clip (+) and the green clip (-) of the adaptor.

STANDARD: 3.80—4.66 V (when the voltage between the red clip and green clip of the adaptor is 5.0 V.)

- Reinstall the throttle angle sensor adjusting its position if the voltage is out of specification, and repeat the test from step 6.