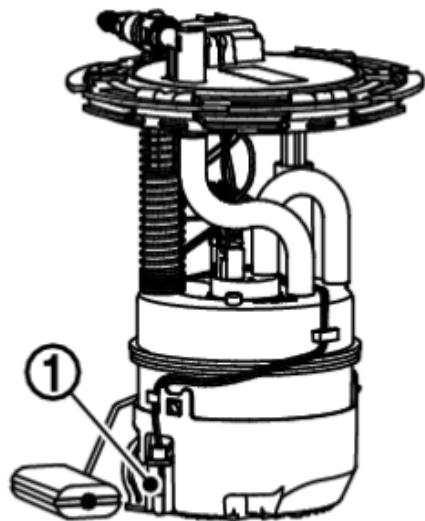


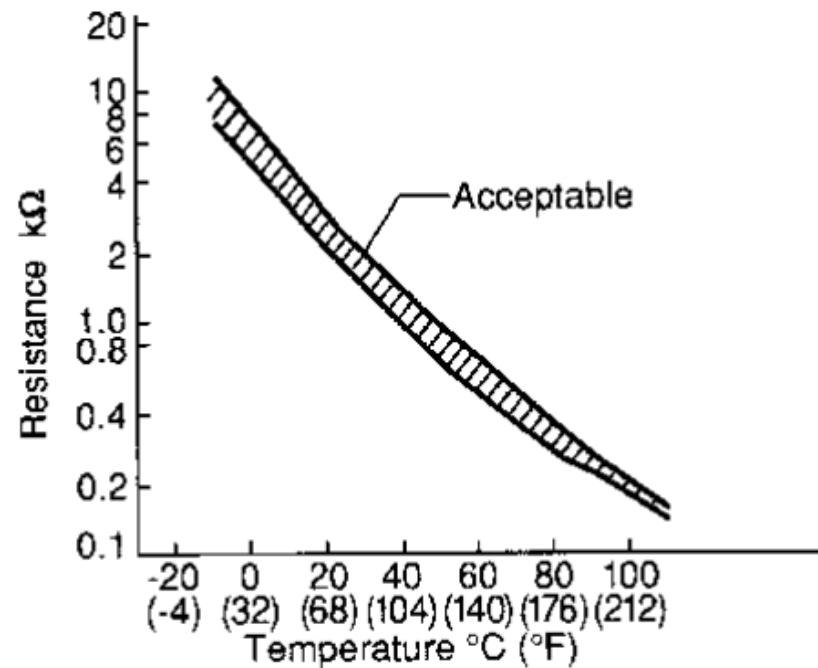
[\[Previous\]](#) [\[Next\]](#)

Fuel Tank Temperature Sensor

The fuel tank temperature sensor ① is used to detect the fuel temperature inside the fuel tank.



The sensor modifies a voltage signal from the ECM. The modified signal returns to the ECM as the fuel temperature input. The sensor uses a thermistor which is sensitive to the change in temperature. The electrical resistance of the thermistor decreases as temperature increases.



<Reference data>

Fluid temperature [$^{\circ}\text{C}$ ($^{\circ}\text{F}$)]	Voltage* (V)	Resistance ($k\Omega$)
20 (68)	3.5	2.3 - 2.7
50 (122)	2.2	0.79 - 0.90

*: These data are reference values and are measured between ECM terminals.