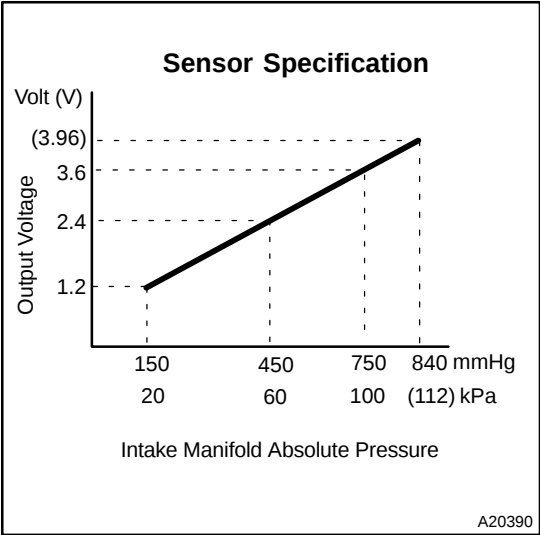


Turbo Pressure Sensor

Tu002-01

Turbo Pressure Sensor Monitor Description

MONITOR SUMMARY



The ECM used the turbo pressure sensor to detect the air pressure in the intake manifold. The ECM uses this information to correct the fuel injection ON time and provide a proper air/fuel ratio. The ECM supplies the sensor with a regulated 5 V supply and the sensor returns a signal voltage of 1.2 V to 3.96 V depending on the intake manifold pressure level.

When the pressure in the intake air chamber is low, the output voltage of the turbo pressure sensor is low. When it is high, the output voltage is high.

If the ECM detects that the output voltage of the turbo pressure sensor is out of the normal range, the ECM interprets this as a malfunction of the turbo pressure sensor and sets a DTC. At the same time, the ECM opens the waste gate valve fully as a fail safe control.

RELATED DTC

Related DTCs	P1405	Turbo pressure sensor circuit is open/shorted
--------------	-------	---

MODEL YEAR CHART

Model Year	See Page
1996 to 1998	Tu-2