

<b>DTC</b>	<b>P1100</b>	<b>Barometric Pressure Sensor Circuit Malfunction</b>
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## CIRCUIT DESCRIPTION

The BARO sensor is built into the ECM. This is a semiconductor pressure sensor with properties which cause its electrical resistance to change when stress is applied to the sensor's crystal (silicon) (piezoelectric effect). This sensor is used to detect the atmospheric (absolute) pressure and outputs corresponding electrical signals. Fluctuations in the air pressure cause changes in the intake air density, which can cause deviations in the air-fuel ratio. The signals from BARO sensor are used to make corrections for these fluctuations. If the ECM detects DTC P1100, the fail safe function operates and the atmospheric pressure is set at a constant 760 mmHg.

DTC No.	DTC Detecting Condition	Trouble Area
P1100	Open or short detected in barometric pressure sensor circuit (2trip detection logic)	• ECM

## INSPECTION PROCEDURE

<b>1</b>	<b>Are there any other codes (besides DTC P1100) being output?</b>
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**YES****Go to relevant DTC chart.****NO****Replace ECM.**