DTC	P2226/A5	BAROMETRIC PRESSURE CIRCUIT

DTC	P2228/A5	BAROMETRIC PRESSURE CIRCUIT LOW INPUT

DTC	P2229/A5	BAROMETRIC PRESSURE CIRCUIT HIGH INPUT

CIRCUIT DESCRIPTION

To detect atmospheric pressure, the built–in atmospheric pressure sensor in the ECM is used for the common rail system. Following the changes in the atmospheric pressure, the ECM corrects the fuel injection volume, timing and duration, and adjusts the common rail internal fuel pressure in order to optimize engine combustion.

DTC No.	DTC Detection Condition	Trouble Area
P2226/A5 P2228/A5 P2229/A5	Atmospheric pressure sensor malfunction (1 trip detection logic)	ECM

INSPECTION PROCEDURE

HINT:

Read freeze frame data using the intelligent tester II. Freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting, freeze frame data can help determine if the vehicle was running or stopped, if the engine was warmed up or not, and other data from the time the malfunction occurred.

REPLACE ECM (See Pub. No. RM990E, page 10–34)

NOTICE:

After replacing the ECM, allow for ECM learning start the engine and idle it until it is fully warmed up.