DTC	P2226/A5	BAROMETRIC PRESSURE CIRCUIT

DTC	P2228/A5	BAROMETRIC PRESSURE CIRCUIT LOW INPUT

DTC	P2229/A5	BAROMETRIC PRESSURE CIRCUIT HIGH INPUT

CIRCUIT DESCRIPTION

The atmospheric pressure sensor, built in the ECM, detects the atmospheric pressure. According to the value of the atmospheric pressure, the ECM corrects the injection timing, the injection volume and the amount of common rail internal fuel pressure for an optimum combustion.

DTC No.	DTC Detection Condition	Trouble Area
P2226/A5	Open or short in atmospheric pressure sensor circuit for more than 0.5 seconds (ECM internal malfunction)	• ECM
P2228/A5	Open in atmospheric pressure sensor circuit for more than 0.5 seconds (ECM internal malfunction)	• ECM
P2229/A5	Short in atmospheric pressure sensor circuit for more than 0.5 seconds (ECM internal malfunction)	• ECM

HINT:
”A” in the above table indicates that the MIL flashes 10 times.

INSPECTION PROCEDURE

1	CHECK OTHER DTC OUTPUT

(a) Read the DTCs using the hand–held tester.
Result:

Display (DTC output)	Proceed to
P2226/A5, P2228/A5 or P2229/A5 and other DTCs are output	A
P2226/A5, P2228/A5 or P2229/A5 is output	B

B → **REPLACE ECM (See page 10–10)**

A

Go to RELEVANT DTC CHART (See page 05–38)