

25-9 ENGINE CONTROLS

2001 F53

Controls idle speed during all modes of engine operation. Duty cycle signals are sent by PCM, which controls a solenoid that opens or closes air bypass depending on signals received.

Identifies change in crankshaft rotational speed to indicate cylinder misfire.

Sends signal to PCM to adjust timing to control engine knock.

Used by PCM to identify camshaft position during engine start-up to begin sequential pulsing of the injectors.

