

Crankshaft Position Sensor

Ce000-01

Crankshaft Position Sensor Monitor Description

MONITOR SUMMARY

The ECM detects engine RPM with the crankshaft position sensor. The crankshaft position sensor consists of a magnet and a pickup coil. Also, a plate with teeth is installed in the crankshaft. Whenever the teeth on the revolving crankshaft pass the magnet in the crankshaft position sensor, a voltage is generated in the pickup coil. The crankshaft position sensor detects the number of revolutions of the crankshaft based on the voltage generated in the pickup coil and then transmits a signal to the ECM.

If there is no signal from the crankshaft position sensor even though the engine turning, the ECM interprets this as a malfunction in the sensor and sets a DTC.

RELATED DTC

Related DTCs	P0335	No crankshaft position signal
	P0336	
	P0385	No crankshaft position signal for crankshaft position sensor No. 2

MODEL YEAR CHART

Model Year	See Page
Prius	Ce-48
Except Prius	Ce-49