

DTC	P1335	CRANKSHAFT POSITION SENSOR CIRCUIT MALFUNCTION(DURING ENGINE RUNNING)
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CIRCUIT DESCRIPTION

Refer to DTC P0335 on page [05-80](#) .

DTC No.	DTC Detecting Condition	Trouble Area
P1335	No crank position sensor signal to ECM with engine speed 1,000 rpm or more	• Open or short in crankshaft position sensor circuit • Crank position sensor • Crankshaft timing pulley • ECM

WIRING DIAGRAM

Refer to DTC P0335 on page [05-80](#) .

INSPECTION PROCEDURE

HINT:

Read freeze frame data using hand-held tester or OBD II scan tool. Because freeze frame records the engine conditions when the malfunction is detected. When troubleshooting, it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air-fuel ratio was lean or rich, etc. at the time of the malfunction.

1	INSPECT CRANK POSITION SENSOR (See page 18-2)
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Refer to DTC P0335 on page [05-80](#) .

NG	REPLACE CRANK POSITION SENSOR
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OK

2	CHECK HARNESS AND CONNECTOR(ECM - CRANK POSITION SENSOR) (See page 05-80)
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NG	REPAIR OR REPLACE HARNESS AND CONNECTOR
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OK

3	CHECK SENSOR INSTLLATION(CRANK POSITION SENSOR)
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NG	TIGHTEN SENSOR
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OK

4	CHECK CRANKSHAFT TIMING PULLEY
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NG	REPLACE CRANKSHAFT TIMING PULLEY
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OK

CHECK AND REPLACE ECM
