

<b>DTC</b>	<b>P1335/13</b>	<b>CRANKSHAFT POSITION SENSOR CIRCUIT MALFUNCTION (DURING ENGINE RUNNING)</b>
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## CIRCUIT DESCRIPTION

Refer to DTC P0335/12, 13 on page 05-56.

DTC No.	DTC Detecting Condition	Trouble Area
P1335/13	If conditions (a) through (c) are met: (a) NE $\geq$ 1,000 rpm (b) NE signal is not detected for over 50 msec. (c) Not during cranking	<ul style="list-style-type: none"> <li>• Open or short in crankshaft position sensor circuit</li> <li>• Crank position sensor</li> <li>• Crankshaft position sensor plate No. 1</li> <li>• ECM</li> </ul>

## WIRING DIAGRAM

Refer to DTC P0335/12, 13 on page 05-56.

## INSPECTION PROCEDURE

Refer to DTC P0335/12, 13 on page 05-56.

<b>1</b>	<b>INSPECT CRANK POSITION SENSOR</b>
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NG

REPLACE CRANK POSITION SENSOR

OK

<b>2</b>	<b>CHECK HARNESS AND CONNECTOR (ECM-CRANK POSITION SENSOR)</b>
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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

<b>3</b>	<b>CHECK SENSOR ATTACHMENT PART</b>
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REPAIR OR REPLACE SENSOR ATTACHMENT PART

OK

<b>4</b>	<b>CHECK CRANKSHAFT POSITION SENSOR PLATE NO.1 (TEETH OF SIGNAL PLATE)</b>
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REPAIR OR REPLACE CRANKSHAFT POSITION SENSOR PLATE NO.1

OK

<b>CHECK AND REPLACE ECM</b>
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