

<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 05-197](#).

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 05-197](#).

## INSPECTION PROCEDURE

Refer to DTC P0335/12, 13 on [page 05-197](#).

<b>1</b>	<b>INSPECT SENSOR, CRANK POSITION</b>
<div style="border: 1px solid black; padding: 5px; display: inline-block;">NG</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">REPLACE SENSOR, CRANK POSITION</div>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">OK</div>	
<b>2</b>	<b>CHECK HARNESS AND CONNECTOR (ECM-CRANK POSITION SENSOR)</b>
<div style="border: 1px solid black; padding: 5px; display: inline-block;">NG</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">REPAIR OR REPLACE HARNESS AND CONNECTOR</div>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">OK</div>	
<b>3</b>	<b>CHECK SENSOR ATTACHMENT PART</b>
<div style="border: 1px solid black; padding: 5px; display: inline-block;">NG</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">REPAIR OR REPLACE SENSOR ATTACHMENT PART</div>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">OK</div>	
<b>4</b>	<b>CHECK CRANKSHAFT POSITION SENSOR PLATE NO.1 (TEETH OF SIGNAL PLATE)</b>
<div style="border: 1px solid black; padding: 5px; display: inline-block;">NG</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">REPAIR OR REPLACE CRANKSHAFT POSITION SENSOR PLATE NO.1</div>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">OK</div>	
<b>CHECK AND REPLACE ECM</b>	