

## DTC U0401:68 [REAR VEHICLE MONITORING SYSTEM]

id0902z2885600

<b>System malfunction location</b>	<b>Error signal received from PCM</b>
<b>Detection condition</b>	<ul style="list-style-type: none"> <li>The rear vehicle monitoring control module (RH) receives malfunction signal from the PCM for <b>2 s or more</b>.</li> </ul>
<b>Fail-safe</b>	<ul style="list-style-type: none"> <li>Inhibits the rear vehicle monitoring system.</li> </ul>
<b>Possible cause</b>	<ul style="list-style-type: none"> <li>DTCs are stored in the PCM.</li> <li>DTCs are stored in the instrument cluster.</li> <li>Instrument cluster malfunction</li> <li>PCM malfunction</li> <li>Rear vehicle monitoring control module (RH) malfunction</li> </ul>
<b>System wiring diagram</b>	—

### Diagnostic Procedure

Step	Inspection	Action
1	<b>VERIFY PCM DTCs</b> <ul style="list-style-type: none"> <li>Perform the DTC inspection for the PCM using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)</li> <li>Is the DTC displayed?</li> </ul>	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DTC TABLE [SKYACTIV-D 2.2].)
		No Go to the next step.
2	<b>VERIFY INSTRUMENT CLUSTER DTCs</b> <ul style="list-style-type: none"> <li>Perform the DTC inspection for the instrument cluster using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].)</li> <li>Is the DTC displayed?</li> </ul>	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [INSTRUMENT CLUSTER].)
		No Go to the next step.
3	<b>INSPECT INSTRUMENT CLUSTER</b> <ul style="list-style-type: none"> <li>Inspect the instrument cluster. (See INSTRUMENT CLUSTER INSPECTION.)</li> <li>Is the instrument cluster normal?</li> </ul>	Yes Go to the next step.
		No Replace the instrument cluster, then go to the next step. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.)
4	<b>PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS PCM</b> <ul style="list-style-type: none"> <li>Clear the DTC for the rear vehicle monitoring control module using the M-MDS. (See CLEARING DTC [REAR VEHICLE MONITORING SYSTEM].)</li> <li>Switch the ignition ON (engine off or on) and wait for <b>2 s or more</b>.</li> <li>Perform the DTC inspection for the rear vehicle monitoring control module using the M-MDS. (See DTC INSPECTION [REAR VEHICLE MONITORING SYSTEM].)</li> <li>Is DTC U0401:68 displayed?</li> </ul>	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
		No Go to Step 6.
5	<b>VERIFY THAT REPAIRS HAVE BEEN COMPLETED</b> <ul style="list-style-type: none"> <li>Clear the DTC for the rear vehicle monitoring control module using the M-MDS. (See CLEARING DTC [REAR VEHICLE MONITORING SYSTEM].)</li> <li>Switch the ignition ON (engine off or on) and wait for <b>2 s or more</b>.</li> <li>Perform the DTC inspection for the rear vehicle monitoring control module using the M-MDS. (See DTC INSPECTION [REAR VEHICLE MONITORING SYSTEM].)</li> <li>Is DTC U0401:68 displayed?</li> </ul>	Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the rear vehicle monitoring control module (RH), then go to the next step. (See REAR VEHICLE MONITORING CONTROL MODULE REMOVAL/INSTALLATION.)
		No Go to the next step.

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Step	Inspection		Action
6	<b>VERIFY IF OTHER DTCs DISPLAYED</b> • Are any other DTCs displayed?	Yes	Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [REAR VEHICLE MONITORING SYSTEM].)
		No	DTC troubleshooting completed.