

**DTC U2005:68 [FRONT BODY CONTROL MODULE (FBCM)]**

id0902p2011100

<b>System malfunction location</b>	<b>Error vehicle speed signal received from PCM</b>
<b>Detection condition</b>	• The front body control module (FBCM) receives vehicle speed signal error from the PCM for <b>5 s or more</b> with the ignition switched ON (engine off or on).
<b>Fail-safe</b>	—
<b>Possible cause</b>	• PCM malfunction • Front body control module (FBCM) malfunction
<b>System wiring diagram</b>	—

**Diagnostic Procedure**

<b>Step</b>	<b>Inspection</b>	<b>Action</b>
1	<b>VERIFY FRONT BODY CONTROL MODULE (FBCM) DTCs AGAIN</b> <ul style="list-style-type: none"><li>• Clear front body control module (FBCM) DTCs using the M-MDS. (See CLEARING DTC [FRONT BODY CONTROL MODULE (FBCM)].)</li><li>• Switch the ignition ON (engine off or on) and wait for <b>5 s or more</b>.</li><li>• Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].)</li><li>• Is the DTC U2005:68 displayed?</li></ul>	Yes Go to the next step.
		No Go to Step 5.
2	<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.
3	<b>PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS PCM</b> <ul style="list-style-type: none"><li>• Clear front body control module (FBCM) DTCs using the M-MDS. (See CLEARING DTC [FRONT BODY CONTROL MODULE (FBCM)].)</li><li>• Switch the ignition ON (engine off or on) and wait for <b>5 s or more</b>.</li><li>• Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].)</li><li>• Is the DTC U2005:68 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 5.
4	<b>VERIFY THAT REPAIRS HAVE BEEN COMPLETED</b> <ul style="list-style-type: none"><li>• Clear front body control module (FBCM) DTCs using the M-MDS. (See CLEARING DTC [FRONT BODY CONTROL MODULE (FBCM)].)</li><li>• Switch the ignition ON (engine off or on) and wait for <b>5 s or more</b>.</li><li>• Perform the front body control module (FBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [FRONT BODY CONTROL MODULE (FBCM)].)</li><li>• Is the DTC U2005:68 displayed?</li></ul>	Yes replace the front body control module (FBCM), then go to the next step. (See FRONT BODY CONTROL MODULE (FBCM) REMOVAL/INSTALLATION.)
		No Go to the next step.

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Step	Inspection		Action
5	<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 [FRONT BODY CONTROL MODULE (FBCM)].)
		No	DTC troubleshooting completed.