

**DTC B115E:54 [FORWARD SENSING CAMERA (FSC)]**

id0902p9029500

<b>System malfunction location</b>	<b>Forward sensing camera (FSC) aiming not completed</b>
<b>Detection condition</b>	• Forward sensing camera (FSC) aiming not completed is detected.
<b>Fail-safe</b>	• Inhibits the lane departure warning system (LDWS). • Inhibits the high beam control system (HBC).
<b>Possible cause</b>	• Forward sensing camera (FSC) aiming not performed. • Forward sensing camera (FSC) malfunction
<b>System wiring diagram</b>	—

**Diagnostic Procedure**

<b>Step</b>	<b>Inspection</b>	<b>Action</b>
1	<b>PERFORM FORWARD SENSING CAMERA (FSC) AIMING</b> <ul style="list-style-type: none"><li>• Perform the forward sensing camera (FSC) aiming. (See FORWARD SENSING CAMERA (FSC) AIMING.)</li><li>• Clear the forward sensing camera (FSC) DTCs using the M-MDS. (See CLEARING DTC [FORWARD SENSING CAMERA (FSC)].)</li><li>• Perform the DTC inspection for the forward sensing camera (FSC) using the M-MDS. (See DTC INSPECTION [FORWARD SENSING CAMERA (FSC)].)</li><li>• Is DTC B115E:54 displayed?</li></ul>	Yes Perform the forward sensing camera (FSC) aiming again, then go to the next step. (See FORWARD SENSING CAMERA (FSC) AIMING.)
		No Go to Step 3.
2	<b>VERIFY THAT REPAIRS HAVE BEEN COMPLETED</b> <ul style="list-style-type: none"><li>• Clear the forward sensing camera (FSC) DTCs using the M-MDS. (See CLEARING DTC [FORWARD SENSING CAMERA (FSC)].)</li><li>• Perform the DTC inspection for the forward sensing camera (FSC) using the M-MDS. (See DTC INSPECTION [FORWARD SENSING CAMERA (FSC)].)</li><li>• Is DTC B115E:54 displayed?</li></ul>	Yes Replace the forward sensing camera (FSC), then go to the next step. (See FORWARD SENSING CAMERA (FSC) REMOVAL/ INSTALLATION.)
		No Go to the next step.
3	<b>VERIFY IF OTHER DTCs DISPLAYED</b> <ul style="list-style-type: none"><li>• Are any other DTCs displayed?</li></ul>	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [FORWARD SENSING CAMERA (FSC)].)
		No DTC troubleshooting completed.