

DTC U0515:68 [FORWARD SENSING CAMERA (FSC)]

id0902p9030400

System malfunction location	Error signal received from start stop unit
Detection condition	• Forward sensing camera (FSC) receives error signal from the start stop unit for 1 s or more .
Fail-safe	• Inhibits the lane departure warning system (LDWS). • Inhibits the high beam control system (HBC).
Possible cause	• DTCs are stored in the start stop unit. • Start stop unit malfunction • Forward sensing camera (FSC) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY START STOP UNIT DTCs • Perform the DTC inspection for the start stop unit using the M-MDS. (See DTC INSPECTION [START STOP UNIT].) • Is the DTC displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [START STOP UNIT].)
		No Go to the next step.
2	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS START STOP UNIT • Clear the forward sensing camera (FSC) DTCs using the M-MDS. (See CLEARING DTC [FORWARD SENSING CAMERA (FSC)].) • Switch the ignition ON (engine off or on) and wait for 2.5 s or more . • Perform the DTC inspection for the forward sensing camera (FSC) using the M-MDS. (See DTC INSPECTION [FORWARD SENSING CAMERA (FSC)].) • Is DTC U0515:68 displayed?	Yes Replace the start stop unit, then go to the next step. (See START STOP UNIT REMOVAL/INSTALLATION.)
		No Go to Step 4.
3	VERIFY THAT REPAIRS HAVE BEEN COMPLETED • Clear the forward sensing camera (FSC) DTCs using the M-MDS. (See CLEARING DTC [FORWARD SENSING CAMERA (FSC)].) • Switch the ignition ON (engine off or on) and wait for 2.5 s or more . • Perform the DTC inspection for the forward sensing camera (FSC) using the M-MDS. (See DTC INSPECTION [FORWARD SENSING CAMERA (FSC)].) • Is DTC U0515:68 displayed?	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.
4	VERIFY IF OTHER DTCs DISPLAYED • Are any other DTCs displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [FORWARD SENSING CAMERA (FSC)].)
		No DTC troubleshooting completed.