

DTC U0415:68 [FORWARD SENSING CAMERA (FSC)]

id0902p9030100

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| System malfunction location | Error signal received from DSC HU/CM |
| Detection condition | • Forward sensing camera (FSC) receives error signal from the DSC HU/CM for 1 s or more . |
| Fail-safe | • Inhibits the lane departure warning system (LDWS). • Inhibits the high beam control system (HBC). |
| Possible cause | • DSC HU/CM stores DTCs. • DSC HU/CM malfunction • Forward sensing camera (FSC) malfunction |
| System wiring diagram | — |

Diagnostic Procedure

| Step | Inspection | Action |
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| 1 | VERIFY DSC HU/CM DTCs • Perform the DTC inspection for the DSC HU/CM using the M-MDS. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Is the DTC displayed? | Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) |
| | | No Go to the next step. |
| 2 | PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS DSC HU/CM • 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 U0415:68 displayed? | Yes Replace the DSC HU/CM, then go to the next step. (See DSC HU/CM 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 U0415:68 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. |