

DTC U0420:68 [FORWARD SENSING CAMERA (FSC)]

id0902p9030200

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

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY EPS CONTROL MODULE DTCs • Perform the DTC inspection for the EPS control module using the M-MDS. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) • Is the DTC displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)
		No Go to the next step.
2	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS EPS CONTROL MODULE • 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 U0420:68 displayed?	Yes Replace the EPS control module, then go to the next step. (See STEERING WHEEL AND COLUMN 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 U0420:68 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.