

DTC B13A6:11 [FORWARD SENSING CAMERA (FSC)]

id0902p9029600

System malfunction location	LDWS switch circuit malfunction
Detection condition	• Forward sensing camera (FSC) detects that LDWS switch is held pressed for 10 s or more
Fail-safe	• Inhibits the lane departure warning system (LDWS).
Possible cause	<ul style="list-style-type: none"> • DTCs are stored in the instrument cluster. • LDWS switch malfunction • Instrument cluster malfunction • Forward sensing camera (FSC) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY INSTRUMENT CLUSTER DTCs <ul style="list-style-type: none"> • Perform the DTC inspection for the instrument cluster using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].) • Is the DTC displayed? 	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [INSTRUMENT CLUSTER].)
		No Go to the next step.
2	INSPECT LDWS SWITCH <ul style="list-style-type: none"> • Inspect the LDWS switch. (See LDWS SWITCH INSPECTION.) • Is the LDWS switch normal? 	Yes Go to the next step.
		No Replace the cluster switch, then go to Step 4. (See SWITCH PANEL REMOVAL/INSTALLATION.)
3	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS INSTRUMENT CLUSTER <ul style="list-style-type: none"> • 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 10 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 B13A6:11 displayed? 	Yes Replace the instrument cluster, then go to the next step. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.)
		No Go to Step 5.
4	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none"> • 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 10 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 B13A6:11 displayed? 	Yes Repeat the inspection from Step 1. • If the malfunction recurs, 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.
5	VERIFY IF OTHER DTCs DISPLAYED <ul style="list-style-type: none"> • 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.