

DTC U3000:04/U3000:09/U3000:42/U3000:49 [FORWARD SENSING CAMERA (FSC)]

id0902p9030800

System malfunction location	Forward sensing camera (FSC) internal malfunction
Detection condition	<ul style="list-style-type: none"> • U3000:04 <ul style="list-style-type: none"> — The front body control module (FBCM) detects an error in the image-related circuit in the forward sensing camera (FSC) with the ignition switched ON (engine off or on). • U3000:09 <ul style="list-style-type: none"> — The front body control module (FBCM) detects an internal temperature sensor malfunction in the forward sensing camera (FSC) with the ignition switched ON (engine off or on). • U3000:42 <ul style="list-style-type: none"> — The front body control module (FBCM) detects a NVRAM error in the forward sensing camera (FSC) with the ignition switched ON (engine off or on). • U3000:49 <ul style="list-style-type: none"> — The front body control module (FBCM) detects a malfunction in the forward sensing camera (FSC) with the ignition switched ON (engine off or on).
Fail-safe	<ul style="list-style-type: none"> • U3000:04 <ul style="list-style-type: none"> — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U3000:09 <ul style="list-style-type: none"> — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U3000:42 <ul style="list-style-type: none"> — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U3000:49 <ul style="list-style-type: none"> — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC).
Possible cause	• Forward sensing camera (FSC) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM DTC INSPECTION AND VERIFY FORWARD SENSING CAMERA (FSC) MALFUNCTION <ul style="list-style-type: none"> • Clear the forward sensing camera (FSC) DTCs using the M-MDS. (See CLEARING DTC [FORWARD SENSING CAMERA (FSC)].) • Perform the DTC inspection for the forward sensing camera (FSC) using the M-MDS. (See DTC INSPECTION [FORWARD SENSING CAMERA (FSC)].) • Are DTCs U3000:04/U3000:09/U3000:42/U3000:49 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.
2	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.