

DTC U3000:49 [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)]

id09021n935100

System malfunction location	AFS control module internal malfunction <ul style="list-style-type: none"> • RAM/ROM malfunction • AFS function malfunction • CAN hardware malfunction
Detection condition	<ul style="list-style-type: none"> • RAM/ROM malfunction <ul style="list-style-type: none"> — The AFS control module detected a malfunction in the internal RAM/ROM. • AFS function malfunction <ul style="list-style-type: none"> — The AFS control module detected AFS function malfunction three times. • CAN hardware malfunction <ul style="list-style-type: none"> — The AFS control module detected CAN hardware malfunction three times.
Fail-safe	<ul style="list-style-type: none"> • RAM/ROM malfunction <ul style="list-style-type: none"> — The swivel actuator is moved to the center. — The headlight leveling actuator is stopped at the position when the malfunction is determined. • AFS function malfunction <ul style="list-style-type: none"> — — • CAN hardware malfunction <ul style="list-style-type: none"> — The swivel actuator is moved to the center. — The headlight leveling actuator is stopped at the position when the malfunction is determined.
Possible cause	• AFS control module internal malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS AFS CONTROL MODULE <ul style="list-style-type: none"> • Clear the AFS control module DTCs using the M-MDS. (See CLEARING DTC [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].) • Perform the DTC inspection for the AFS control module using the M-MDS. (See DTC INSPECTION [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].) • Is DTC U3000:49 displayed? 	Yes Replace the AFS control module, then go to the next step. (See ADAPTIVE FRONT LIGHTING SYSTEM (AFS) CONTROL MODULE 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 [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].)
		No DTC troubleshooting completed.