

DTC U0423:68 [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)]

id09021n017600

System malfunction location	Error signal received from instrument cluster <ul style="list-style-type: none"> • AFS OFF switch error signal • Ignition switch error signal • Selector lever position (R position) (ATX)/Reverse (MTX) signal error • Selector lever position (R position) (ATX)/Reverse (MTX) signal not determined
Detection condition	<ul style="list-style-type: none"> • AFS OFF switch error signal <ul style="list-style-type: none"> — The AFS control module received AFS OFF switch error signal for 5 s or more with the ignition switched ON (engine off or on). • Ignition switch error signal <ul style="list-style-type: none"> — The AFS control module received ignition switch error signal for 5 s or more with the ignition switched ON (engine off or on). • Selector lever position (R position) (ATX)/Reverse (MTX) signal error <ul style="list-style-type: none"> — The AFS control module received selector lever position (R position) (ATX)/Reverse (MTX) signal error for 5 s or more with the ignition switched ON (engine off or on). • Selector lever position (R position) (ATX)/Reverse (MTX) signal not determined <ul style="list-style-type: none"> — The AFS control module detected undetermined selector lever position (R position) (ATX)/Reverse (MTX) signal.
Fail-safe	<ul style="list-style-type: none"> • AFS OFF switch error signal <ul style="list-style-type: none"> — Control of the swivel actuator is continued with the AFS OFF switch fixed in the condition when the malfunction is detected. — Control of the headlight auto leveling system is continued. • Ignition switch error signal <ul style="list-style-type: none"> — Control of the AFS is continued with the ignition switched ON (engine on). — Control of the headlight auto leveling system is continued. • Selector lever position (R position) (ATX)/Reverse (MTX) signal error <ul style="list-style-type: none"> — The swivel actuator is moved to the center. — Control of the headlight auto leveling system is continued. • Selector lever position (R position) (ATX)/Reverse (MTX) signal not determined <ul style="list-style-type: none"> — Control of the swivel actuator is continued with the transaxle range sensor (ATX)/back-up light switch (MTX) fixed in the condition when the malfunction is determined. — Control of the headlight auto leveling system is continued.
Possible cause	<ul style="list-style-type: none"> • DTCs are stored in the instrument cluster. • Instrument cluster malfunction • AFS control module 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	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS INSTRUMENT CLUSTER <ul style="list-style-type: none"> • Clear the AFS control module DTCs using the M-MDS. (See CLEARING DTC [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].) • Switch the ignition ON (engine off or on) and wait for 5 s or more. • Perform the DTC inspection for the AFS control module using the M-MDS. (See DTC INSPECTION [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].) • Is the DTC U0423:68 displayed? 	Yes Replace the instrument cluster, then go to the next step. (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION.)
		No Go to Step 4.

Step	Inspection	Action
3	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none"> • Clear the AFS control module DTCs using the M-MDS. (See CLEARING DTC [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].) • Switch the ignition ON (engine off or on) and wait for 5 s or more. • Perform the DTC inspection for the AFS control module using the M-MDS. (See DTC INSPECTION [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].) • Is the DTC U0423:68 displayed? 	Yes
		No
4	VERIFY IF OTHER DTCs DISPLAYED <ul style="list-style-type: none"> • Are any other DTCs displayed? 	Yes
		No