

AFS OFF INDICATOR LIGHT ILLUMINATES CONTINUOUSLY [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)]

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Note

- If there is any vehicle malfunction complaint lodged by a customer, perform FOREWORD [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)] malfunction diagnosis according to the troubleshooting procedure.

Possible malfunction

- AFS OFF switch malfunction (stuck on)
- AFS OFF control module malfunction
- Instrument cluster malfunction

Diagnostic Procedure

Step	Inspection		Action
1	DETERMINE IF MALFUNCTION LOCATION IS AFS OFF SWITCH <ul style="list-style-type: none"> Display the following AFS control module AFS_ST PIDs using the M-MDS. (See PID/DATA MONITOR INSPECTION [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].) Inspect the PID display when the AFS OFF switch is turned on/off. Does the PID display switch normally in conjunction with the AFS OFF switch being turned on/off? 	Yes	Go to Step 3.
		No	Go to the next step.
2	PERFORM AFS OFF SWITCH INSPECTION <ul style="list-style-type: none"> Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) Remove the AFS OFF switch. (See ADAPTIVE FRONT LIGHTING SYSTEM (AFS) OFF SWITCH REMOVAL/INSTALLATION.) Inspect the AFS OFF switch. (See ADAPTIVE FRONT LIGHTING SYSTEM (AFS) OFF SWITCH INSPECTION.) Is the AFS OFF switch normal? 	Yes	Replace the AFS control module. (See ADAPTIVE FRONT LIGHTING SYSTEM (AFS) CONTROL MODULE REMOVAL/INSTALLATION.)
		No	Replace the AFS OFF switch. (See ADAPTIVE FRONT LIGHTING SYSTEM (AFS) OFF SWITCH REMOVAL/INSTALLATION.)
3	VERIFY AFS DISPLAY ILLUMINATION <ul style="list-style-type: none"> Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) Display the following instrument cluster WL+IL simulation items using the M-MDS. (See ACTIVE COMMAND MODES INSPECTION [INSTRUMENT CLUSTER].) Does the AFS OFF indicator light illumination turn off when the warning light, indicator light illumination is operated to off? 	Yes	The system is operating normally.
		No	Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.)