

**DTC U2300:54 [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)]**

id09021n017800

<b>System malfunction location</b>	<b>Error configuration data received from instrument cluster</b>
<b>Detection condition</b>	<ul style="list-style-type: none"><li>• The AFS control module received error configuration data from the instrument cluster for <b>30 s or more</b> with the ignition switched ON (engine off or on).</li></ul>
<b>Fail-safe</b>	<ul style="list-style-type: none"><li>• Control of the AFS is continued.</li><li>• Control of the headlight auto leveling system is continued.</li></ul>
<b>Possible cause</b>	<ul style="list-style-type: none"><li>• DTCs are stored in the instrument cluster.<ul style="list-style-type: none"><li>— Instrument cluster configuration not implemented</li><li>— Instrument cluster internal memory malfunction</li></ul></li><li>• Instrument cluster configuration data error</li><li>• AFS control module malfunction</li></ul>
<b>System wiring diagram</b>	—

**Diagnostic Procedure**

<b>Step</b>	<b>Inspection</b>	<b>Action</b>
1	<b>VERIFY INSTRUMENT CLUSTER DTCs</b> <ul style="list-style-type: none"><li>• Perform the DTC inspection for the instrument cluster using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].)</li><li>• Is the DTC displayed?</li></ul>	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [INSTRUMENT CLUSTER].)
		No Go to the next step.
2	<b>RESET INSTRUMENT CLUSTER CONFIGURATION DATA</b> <ul style="list-style-type: none"><li>• Using the M-MDS, perform the instrument cluster configuration with the As-Built data. (See INSTRUMENT CLUSTER CONFIGURATION (USING AS-BUILT DATA).)</li><li>• Clear the AFS control module DTCs using the M-MDS. (See CLEARING DTC [INSTRUMENT CLUSTER].)</li><li>• Switch the ignition ON (engine off or on) and wait for <b>30 s or more</b>.</li><li>• Perform the DTC inspection for the AFS control module using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].)</li><li>• Is the DTC U2300:54 displayed?</li></ul>	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.
3	<b>VERIFY IF OTHER DTCs DISPLAYED</b> <ul style="list-style-type: none"><li>• Are any other DTCs displayed?</li></ul>	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [ADAPTIVE FRONT LIGHTING SYSTEM (AFS)].)
		No DTC troubleshooting completed.