



Service Bulletin

Bulletin No.: 17-NA-102

Date: April, 2020

TECHNICAL

Subject: Active Shutters Inoperative, Malfunction Indicator Lamp (MIL) Illuminated - DTCs P059F, U1501, U1510, U1511 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	ATS	2016	2017				
	CTS						

Involved Region or Country	North America, Middle East, Europe, China, GM Korea Company, Japan
Additional Options (RPOs)	XFE
Condition	Some customers may comment that the MIL is illuminated. The technician may find one or more of the following DTCs set: <ul style="list-style-type: none">• P059F• U1501• U1510• U1511
Cause	This condition may be caused by the following conditions: <ul style="list-style-type: none">• Snow and/or ice buildup in the front lower grille area of the vehicle, which could prevent the active aero shutters from opening or closing.• Loose connection of the front fascia harness (HARNESS, FRT OBJECT ALARM SEN WR).• Possible high resistance with the front fascia harness.
Correction	Note: Do Not replace the front object alarm wrg harness until an inspection, diagnosis and testing of the shutters has been completed. If the above inspection did not find any signs of previous snow or ice in the active shutter system, validation of the front fascia wiring harnesses condition will be required.

Parts Information

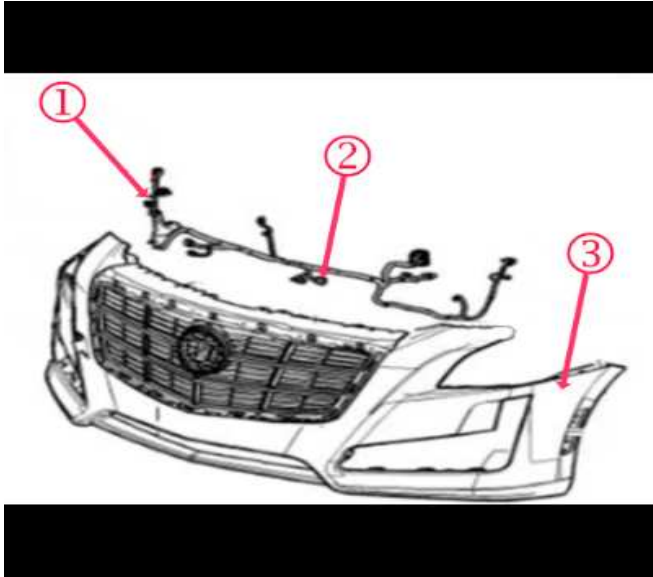
Refer to the Electronic Parts Catalog (EPC) to determine the proper part numbers required for the front object alarm wiring harness, if replacement is required.

Warranty Information

For vehicles repaired under the base emission warranty coverage (code E), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
1480778*	Active Shutter Operation Validation	0.3 hr
Add	Test and Replace Frt Object Alarm Wrg Harness	1.7 hrs
*This is a unique Labor Operation for bulletin use only.		

Service Procedure



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1. Verify nothing is obstructing the shutters.
2. Verify proper shutter operation.
 - If the above inspection and testing did not find any damage and there are signs of previous snow or ice in the active shutter system, Do Not proceed with this procedure.
 - If the shutter operation has failed testing, proceed with the procedure.
3. Follow SI diagnostics for set DTC.
4. Remove the front bumper fascia (3). Refer to the appropriate *Front Bumper Fascia Replacement* in SI.
5. Verify condition and the integrity of the connection of front fascia harness to headlamp wire harness (1) and shutter actuator (2).
6. If required, replace the front fascia harness.
7. Reinstall the front bumper fascia. Refer to the appropriate *Front Bumper Fascia Replacement* in SI.
8. Verify proper shutter operation.
 - If the active shutters wiring harness has been found not to be the cause of the DTCs set, refer to SI for further diagnostics.

Version	2
Modified	Released April 3, 2017 April 15, 2020 – Added detail to step #5 in the Service Procedure, updated the graphic to add another callout, updated the Involved Region or Country section and updated the Warranty statement.