



# Service Bulletin

## 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    |             |      |      |    |         |               |

|                                   |   |
|-----------------------------------|---|
| <b>Involved Region or Country</b> | North America and N.A. Export Regions   |
| <b>Additional Options (RPOs)</b>  | XFE   |
| <b>Condition</b>                  | <p>Some customers may comment that the MIL is illuminated.</p> <p>The Technician may find one or more of the following DTCs set:</p> <ul style="list-style-type: none"> <li>• P059F</li> <li>• U1501</li> <li>• U1510</li> <li>• U1511</li> </ul>   |
| <b>Cause</b>                      | <p>This condition may be caused by the following conditions:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Loose connection of the front fascia harness (HARNES, FRT OBJECT ALARM SEN WR).</li> <li>• Possible high resistance with the front fascia harness.</li> </ul> |
| <b>Correction</b>                 | <p><b>Note: Do Not</b> replace the front object alarm wrg harness until an inspection, diagnosis and testing of the shutters has been completed.</p> <p>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.</p>  |

### Parts Information

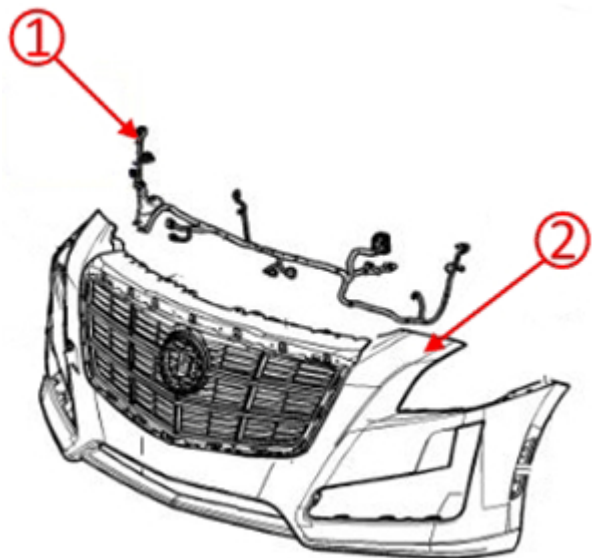
Refer to the Electronic Parts Catalog (EPC) to determine the proper part numbers required for the front object alarm wiring harness, if replacement is required.

## Warranty Information

For vehicles repaired under the Emission coverage, 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



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 (2). Refer to SI for removal.
5. Verify condition and connection of the front fascia harness (1).
6. If required, replace the front fascia harness.
7. Install front bumper fascia.
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  | 1 |
| Modified |   |

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that

your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION