Service Bulletin

PRELIMINARY INFORMATION

Subject:	**Delayed Rear Door Power Lock Actuation When Using Passive Remote Entry Function (Middle East and Korea Only)**

Models:	**2013 Cadillac CTS Sedan and Wagon with RPO ATH, XL8**
	Built Prior to March 15, 2013

Condition/Concern

System Design: The Passive Entry Lock Control system is designed so that when the operator approaches a locked vehicle with the keyless entry transmitter, the remote control door lock receiver will detect the keyless entry transmitter and when an exterior door handle is pulled, the keyless entry control module will command the door to unlock and unlatch allowing the door to be pulled open.

Customer Concern: Some customers may comment the rear door locks have a delayed activation when using the Passive Entry Lock Control system. When pulling on the rear door outside handle, the unlock function may be delayed for as long as 20 seconds.

Recommendation/Instructions

An updated software calibration has been released to address this condition. Reprogram the Remote Control Door Lock Receiver (RCDLR) module using the Service Programming System (SPS). This will require contacting your local technical support center to open a case and obtain a Vehicle Configuration Index (VCI) number.

BEFORE beginning the programming/reprogramming event, please refer to the Programming/Reprogramming Checklist section in this bulletin.

1. Verify the battery voltage is more than 12 volts but less than 16 volts before proceeding with reprogramming. **(or use programming when needed).** The battery must be fully charged **BEFORE** reprogramming a control module.

2. During reprogramming, the battery voltage must be maintained within the proper range of 12-15.5 volts. **CONNECT** the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool (EL-49642) to the vehicle or the GR8 (EL50313) in the power supply mode.

   ⇒ If the above recommended tools are not available, **DO NOT** connect a battery charger to the vehicle. **CONNECT** a fully charged 12V jumper or booster pack that is disconnected from the AC voltage supply.

   Notice： **It is essential that the TIS terminal, MDI, Tech 2® and/or Scan Tool are updated with the latest software available.**

3. Verify that the devices being used are updated with the latest available software version **BEFORE** beginning the reprogramming event.

4. **BEFORE** beginning reprogramming you **MUST** refer to **Control Module References** in SI for the appropriate Programming and Setup procedures.

5. If a wireless connection will be used for reprogramming, a secure service department connection **MUST** be used. **DO NOT** use any public WiFi connection from the customer lounge.

6. Reprogram the RCDLR module using the Service Programming System (SPS) with the latest calibrations available on TIS2WEB. Refer to the SPS procedures in SI.

Programming/Reprogramming Checklist

- Turn OFF or disable any electrical system, accessory or component that may put an additional electrical load on the vehicle battery during reprogramming

- Only program a module when you have been instructed to by Service Information (SI), a Bulletin or a Techline operator.

- You **MUST** refer to **Control Module References** in SI for the appropriate Programming and Setup procedures.

- Thoroughly review the Service Programming System (SPS) in SI **BEFORE** reprogramming any module.

- Some modules will require specific additional programming setup events to be performed **BEFORE** reprogramming. Refer to **Control Module**

References for the appropriate Programming and Setup procedures in SI.

- Capture and record the Engine Oil Life Remaining information. Record the Engine Oil Life Remaining as a percentage (%).

- Follow all on-screen instructions in SPS. Verify that the ignition switch is in the proper position.

- If a wireless connection will be used for reprogramming, a secure service department connection **MUST** be used. **DO NOT** use any public WiFi connection from the customer lounge.

- **DO NOT** run other programs on the computer while reprogramming.

- Use the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or the GR8 (EL50313) in the power supply mode.

- **DO NOT** disturb the vehicle, programming device(s) or operate any of its features during reprogramming.

- Some modules will require specific additional programming setup events to be performed **AFTER** reprogramming. Refer to **Control Module References** for the appropriate Programming and Setup procedures in SI.

- Use a Scan Tool to reset the Engine Oil Life Remaining information to the previous percentage (%) that was recorded before starting the reprogramming event.

- Verify that all DTCs are cleared after performing the reprogramming event.

- In the event of an interrupted or unsuccessful reprogramming event, document the SPS Error. DO NOT cycle the ignition. DO NOT replace the ECM. Refer to: PI0592A: Service Programming System (SPS) Errors in SI.

- If further assistance is required call Techline at 1-800-828-6860 (English) or 1-800-503-3222 (French).

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Parts Information

Part Number	Description
23167459	Service Calibration

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
R4481	Remote Control Door Lock Receiver (RCDLR), Reprogram with SPS (2009 and Prior) or Remote Control Door Lock Receiver Reprogramming with SPS (2010 and Later)	0.4 hr

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