Service Bulletin

SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
Seat Memory Control Module Reprogram
Expires with Base Warranty

MODELS: 2013 Cadillac ATS, SRX, XTS
Equipped with Seat Memory Feature

The service procedure has been revised to include a reference to TSB 13-08-52-001 for detailed information about memory seat operation. Please discard all copies of bulletin 12262B.

PURPOSE

This bulletin provides a service procedure to reprogram the seat memory control module on **certain** 2013 model year Cadillac ATS, SRX, and XTS vehicles, equipped with the seat memory feature. The reprogramming of the seat memory control module will change how the auto memory recall feature recalls the stored memory settings from the RKE transmitters.

Depending on the vehicle model and options, the position of the driver seat, outside mirrors, power tilt and telescoping steering column, and adjustable pedals can be stored in the 2 memory settings located on either the driver's door panel or driver's seat. In addition, the RKE transmitters are also linked to the same memory positions if the Auto Memory Recall feature is enabled in the vehicle personalization menu. The feature will recall the saved memory positions based on which RKE transmitter is being used to either open the door or start the vehicle.

This service procedure should be completed as soon as possible on involved vehicles currently in dealer inventory and customer vehicles that return to the dealer for any type of service during the New Vehicle Limited Warranty coverage period.

VEHICLES INVOLVED

All involved vehicles are identified by VIN in the Global Warranty Management System – Investigate Vehicle History Application. Dealership technicians should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

Additionally, a list of involved vehicles currently in dealer inventory is available on the "Service Update Bulletin Information" link under the "Service" tab in GM GlobalConnect (US) or attached to the GlobalConnect message (Canada) used to release this bulletin. Customer vehicles that return for service, for any reason, and are still covered under the vehicle's base warranty should also be checked for vehicle eligibility.

PART INFORMATION

No parts are required for this service update.

SERVICE PROCEDURE

Note: For detailed information on memory seat operation, please refer to TSB 13-08-52-001.

Seat Memory Control Module Reprogramming

Do not attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI) with the calibration update. When using a MDI for reprogramming, ensure that it is updated with the latest software version. Use **TIS2WEB on or after 01/16/13** to obtain the calibration. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.

For step-by-step programming instructions, please refer to SI and the Techline Information System (TIS) terminal.

1. Verify that there is a battery charge of 12 to 15 volts. The battery must be able to maintain a charge during programming. Only use an approved Midtronics$^{®}$ PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or equivalent to maintain proper battery voltage during programming.

2. Reprogram the seat memory control module. Refer to SI and Service Programming System (SPS) documentation for programming instructions, if required.

    2.1 Connect the MDI to the vehicle.

    2.2 Select J2534 MDI and Reprogram ECU from the Select Diagnostic Tool and Programming Process screen.

Note: During the programming event, a warning message may appear on the TIS2WEB screen that states the data files already exist in the module. Ignore the warning message and program the module.

    2.3 For Cadillac XTS and ATS, select *K40 Seat Memory Control Module -- Programming* from the Supported Controllers screen. For Cadillac SRX, select *MSM Memory Seat Module ---Programming* from the Supported Controllers screen.

    2.4 Follow the on-screen instructions.

    2.5 For Cadillac XTS and ATS, proceed to Step 3. For Cadillac SRX, *select MSM Memory Seat Module --- Setup* from the Supported Controllers screen.

    2.6 Follow the on-screen instructions. Proceed to step 3 after performing setup.

Note: After programming is completed, perform Steps 3-6 to avoid future misdiagnosis.

3. Turn the ignition OFF for 10 seconds.

4. Open and close the door.

5. Connect the scan tool to the data link connector.

6. With ignition ON and engine OFF, clear all diagnostic trouble codes (DTCs) from all modules using a scan tool.

7. **For U.S.:** Provide the customer with a copy of the applicable Owner Manual Insert located in the GlobalConnect **Library**, message number D_0000072219 (ATS), D_0000072220 (SRX), and D_0000072222 (XTS). Review the changes with the customer, and offer to place the insert in their owner manual.

   For Canada: Provide the customer with a copy of the applicable Owner Manual Insert located in the GlobalConnect Library; Service; Warranty Administration; Warranty Administration Home Page, under column titled Field Actions/Recalls. Review the changes with the customer, and offer to place the insert in their owner manual.

   For GMOD Cadillac Europe: Provide the customer with a copy of the applicable Owner Manual Insert attached. Details found on the GMOD Cadillac Europe Service Provider (www.KWParts.com) website under the "Campaign" tab. Review the changes with the customer, and place the insert in their owner manual.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below.

Labor Code	Description	Labor Time
V2719	Reprogram Seat Memory Control Module	0.3

DEALER PROGRAM RESPONSIBILITY

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

2013 Cadillac ATS

This information replaces the information located under "Memory Seats" found in Section 3 of your owner manual

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If equipped, the SET, "1," "2," and ⬛ (Exit) buttons on the driver door are used to manually save and recall memory settings for the driver seat and outside mirrors.

Storing Memory Positions

To save positions to the "1" and "2" buttons:

1. Adjust the driver seat and outside mirrors to the desired driving positions.

2. Press and hold SET and "1" at the same time until a beep sounds.

3. Repeat Steps 1 and 2 for a second driver using "2."

To save positions to the ⬛ (Exit) button and easy exit features:

1. Adjust the driver seat and the outside mirrors to the desired positions for getting out of the vehicle.

2. Press and hold SET and ⬛ at the same time until a beep sounds.

Manually Recalling Memory Positions

Press and hold "1," "2," or ⬛ to manually recall the previously stored memory positions. Releasing "1," "2," or ⬛ before the stored positions are reached stops the recall.

There is also the ability to press and release "1," "2," or ⬛ to manually recall the previously stored memory positions. The ignition must be in ON/RUN/START, and the transmission must be in P (Park). Placing the ignition in OFF before the stored positions are reached stops the recall.

If something has blocked the driver seat while recalling a memory position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the memory item that is not recalling for two seconds. Try recalling the memory position again by pressing the appropriate memory button. If the memory position is still not recalling, see your dealer for service.

Recalling RKE Memory Positions (Auto Memory Recall)

The Auto (Automatic) Memory Recall feature automatically recalls the current driver's previously stored "1" or "2" position when entering the vehicle.

When the Auto Memory Recall feature is enabled in the vehicle personalization menu, memory "1" or "2" positions are recalled in the following ways:

To activate the recall when On - Driver Door Open is selected in the personalization menu;

- On vehicles with RKE, press 🔒 on the RKE transmitter and open the driver door.
- On vehicles with keyless access, press the lock/unlock button on the outside driver door handle and open the driver door. The RKE transmitter must be present for the recall to activate,
- If the driver door is already open, press 🔒 on the RKE transmitter to activate the recall.

To activate the recall when On - At Ignition On is selected in the vehicle personalization menu:

- Place the ignition in ON/RUN/START.

See Vehicle Personalization.

To stop recall movement, press one of the memory, power mirror, or power seat controls. If On - At Ignition On is selected in the vehicle personalization menu, placing the ignition in OFF also stops the recall.

If something has blocked the driver seat while recalling a memory position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the memory item that is not recalling for two seconds. Try recalling the memory position again by opening the driver door and pressing 🔒 on the RKE transmitter. If the memory position is still not recalling, see your dealer for service.

Easy Exit Recall

If programmed on in the vehicle personalization menu, the easy exit feature automatically moves the driver seat and outside mirrors to the memory positions saved to the 🚪 (Exit) button. See "Storing Memory Positions" listed previously. See also Vehicle Personalization.

Easy exit recall automatically activates when one of the following occurs:

- The vehicle is turned off and the driver door is opened within a short time.
- The vehicle is turned off with the driver door open.

If something has blocked the driver seat while recalling the exit position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the exit feature not recalling for two seconds. Try recalling the exit position again. If the exit position is still not recalling, see your dealer for service.
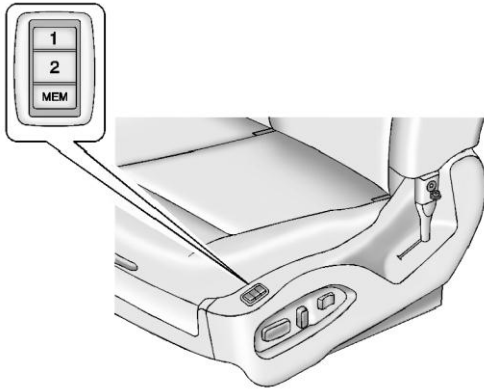
This information replaces the information located under "Exterior Lamp Controls" found in Section 6 of your owner manual.

Automatic High-Beam System

The automatic high-beam feature is not available on this vehicle.

2013 Cadillac SRX

This information replaces the information found under "Memory Seats" found in Section 3 of your owner manual.

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If equipped, the "1," "2," and MEM buttons on the outboard side of the driver seat are used to manually save and recall the positions of the driver seat, outside mirrors, and adjustable throttle and brake pedal positions, if available.

Storing Memory Positions

To save positions to the "1" and "2" buttons:

1. Adjust the driver seat, seat back recliner, both outside mirrors, and adjustable pedals, if available to the desired driving positions.
2. Press and hold MEM (Memory) and "1" at the same time until a beep sounds.
3. Repeat Steps 1 and 2 for a second driver using "2."

Manually Recalling Memory Positions

Press and hold "1" or "2" to manually recall the previously stored memory positions. Releasing "1" or "2" before the stored positions are reached stops the recall.

There is also the ability to press and release "1" or "2," to manually recall the previously stored memory positions. The ignition must be in ON/RUN/START, and the transmission must be in P (Park). Placing the ignition in OFF before the stored positions are reached stops the recall.

If something has blocked the driver seat or adjustable pedals while recalling a memory position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the memory item that is not recalling for two seconds. Try recalling the memory position again by pressing the appropriate memory button. If the memory position is still not recalling, see your dealer for service.

Automatically Recalling Memory Positions (Auto Memory Recall)

The Auto (Automatic) Memory Recall feature automatically recalls the current driver's previously stored "1" or "2" position when entering the vehicle.

When the Auto Memory Recall feature is enabled in the vehicle personalization menu, memory "1" or "2" positions are recalled in the following ways:

To activate the recall when On - Driver Door Open is selected in the personalization menu, do one of the following:

- On vehicles with RKE, press 🔒 on the RKE transmitter and open the driver door.
- On vehicles with keyless access press the lock/unlock button on the outside driver door handle and open the driver door. The RKE transmitter must be present for the recall to activate.
- If the driver door is already open, press 🔒 on the RKE transmitter to activate the recall.

To activate the recall when On - At Ignition On is selected in the vehicle personalization menu:

- Place the ignition in ON/RUN/START.

See Vehicle Personalization.

To stop recall movement, press one of the memory, power mirror, or power seat controls; or press the adjustable pedal switch, if available. If On - At Ignition On is selected in the vehicle personalization menu, placing the ignition in OFF also stops the recall.

If something has blocked the driver seat and/or the adjustable pedals while recalling a memory position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the memory item that is not recalling for two seconds. Try recalling the memory position again by opening the driver door and pressing 🔒 on the RKE transmitter. If the memory position is still not recalling, see your dealer for service.

Easy Exit Recall

If programmed on in the vehicle personalization menu, this feature moves the seat approximately 7 cm (3 in) rearward automatically allowing the driver more room to exit the vehicle.

Easy exit recall automatically activates when one of the following occurs:

- The vehicle is turned off and the driver door is opened within a short time.
- The vehicle is turned off with the driver door open.

See Vehicle Personalization.

To stop the recall movement, press one of the memory, power mirror, power seat controls, or the adjustable pedal switch, if available.

If something has blocked the driver seat while recalling the exit position, the recall may stop. Remove the obstruction; then press and hold the power seat control rearward for two seconds. Try recalling the exit position again. If the exit position is still not recalling, see your dealer for service.
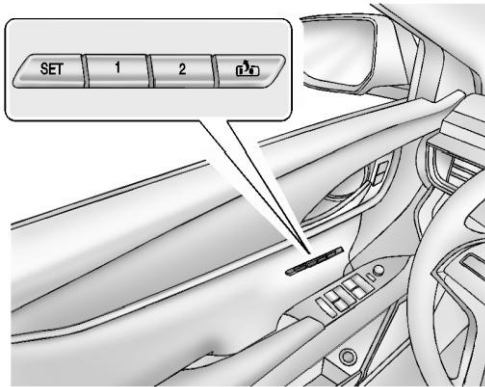
This information replaces the information located under "Capacities and Specifications" found in Section 12 of your owner manual

Capacities and Specifications

Application	Capacities	
	Metric	**English**
Air Conditioning Refrigerant R134a	**For the air conditioning system refrigerant charge amount, see the refrigerant label located under the hood. See your dealer for more information.**	
Engine Cooling System		
3.6L V6 Engine	**12.8 L**	**13.5 qt**
Engine Oil with Filter	**5.7 L**	**6.0 qt**
Fuel Tank	**79.5 L**	**21.0 gal**
Transfer Case Fluid	**0.65 L**	**0.69 qt**
Wheel Nut Torque	**190 N·m**	**140 lb ft**
All capacities are approximate. When adding, be sure to fill to the approximate level, as recommended in this manual. Recheck fluid level after filling,		

2013 Cadillac XTS

This information replaces the information located under "Memory Seats" found in Section 3 of your owner manual

If equipped, the SET, "1," "2," and 🚗 (Exit) buttons on the driver door are used to manually save and recall memory settings for the driver seat, outside mirrors, and power tilt and telescoping steering column.

Storing Memory Positions

To save positions to the "1" and "2" buttons:

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1. Adjust the driver seat, outside mirrors, and the power tilt and telescoping steering column to the desired driving positions.
2. Press and hold SET and "1" at the same time until a beep sounds.
3. Repeat Steps 1 and 2 for a second driver using "2."

To save positions to the 🚗 (Exit) button and easy exit features:
1. Adjust the driver seat, power tilt and telescoping steering column, and the outside mirrors on some vehicles to the desired positions for getting out of the vehicle.
2. Press and hold SET and 🚗 at the same time until a beep sounds.

Manually Recalling Memory Positions

Press and hold "1," "2," or 🚗 to manually recall the previously stored memory positions. Releasing "1," "2," or 🚗 before the stored positions are reached stops the recall.

There is also the ability to press and release "1," "2," or 🚗 to manually recall the previously stored memory positions. The ignition must be in ON/RUN/START, and the transmission must be in P (Park). Placing the ignition in OFF before the stored positions are reached stops the recall.

If something has blocked the driver seat and/or power tilt and telescoping steering column while recalling a memory position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the memory item that is not recalling for two seconds. Try recalling the memory position again by pressing the appropriate memory button. If the memory position is still not recalling, see your dealer for service.

Recalling RKE Memory Positions (Auto Memory Recall)

The Auto (Automatic) Memory Recall feature automatically recalls the current driver's previously stored "1" or "2" position when entering the vehicle.

When the Auto Memory Recall feature is enabled in the vehicle personalization menu, memory "1" or "2" positions are recalled in the following ways:

To activate the recall when On - Driver Door Open is selected in the personalization menu, do one of the following:

- Press 🔒 on the RKE transmitter and open the driver door.
- Press 🔓 on the RKE transmitter when the driver door is already open.
- Press the lock/unlock button on the outside driver door handle and open the driver door. The RKE transmitter must be present for the recall to activate.

To activate the recall when On - At Ignition On is selected in the vehicle personalization menu:

- Place the ignition in ON/RUN/START.

See Vehicle Personalization.

To stop recall movement, press one of the memory, power mirror, or power seat controls; or press the power tilt and telescoping steering column control. If On - At Ignition On is selected in the vehicle personalization menu, placing the ignition in OFF also stops the recall.

If something has blocked the driver seat and/or the power tilt and telescoping steering column while recalling a memory position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the memory item that is not recalling for two seconds. Try recalling the memory position again by opening the driver door and pressing 🔓 on the RKE transmitter. If the memory position is still not recalling, see your dealer for service.

Easy Exit Recall

If programmed on in the vehicle personalization menu, the easy exit feature automatically moves the driver seat, power tilt and telescoping steering column, and outside mirrors on some vehicles to the memory positions saved to the 🔲 (Exit) button. See "Storing Memory Positions" listed previously. See also Vehicle Personalization.

Easy exit recall automatically activates when one of the following occurs:

- The vehicle is turned off and the driver door is opened within a short time.
- The vehicle is turned off with the driver door open.

If something has blocked the driver seat and/or power tilt and telescoping steering column while recalling the exit position, the recall may stop. Remove the obstruction; then press and hold the appropriate manual control for the exit feature not recalling for two seconds. Try recalling the exit position again. If the exit position is still not recalling, see your dealer for service.

This information replaces the information located under "Exterior Lamp Controls" found in Section 6 of your owner manual.

Automatic High-Beam System

The automatic high-beam feature is not available on this vehicle.