November 6, 2026 Version 1

Safety Recall: 2024 ZDX Electronic Brake Control Module (EBCM) OTA Software Update

APPLIES TO

Year	Model	Trim Level	VIN Range
2024	ZDX	ALL	Check iN VIN status for eligibility.

BACKGROUND

The Electronic Brake Control Module (EBCM) in certain 2024 ZDX vehicles contain an improper software configuration that may cause a temporary reduction or loss of braking at low speeds, increasing the risk of a crash or injury.

OWNER NOTIFICATION

Owners of affected vehicles will be sent a notification of this safety recall.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

Some vehicles affected by this campaign may be in your new or used vehicle inventory.

Failure to repair a vehicle subject to a recall or campaign may subject your dealership to claims or lawsuits from the customer or anyone else harmed as a result of such failure. To see if a vehicle in inventory is affected by this safety recall, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Update the software in the vehicle's Electronic Brake Control Module (EBCM) to correct the condition. Owners who have accepted applicable terms and conditions will have the opportunity to accept these software changes using wireless over-the-air (OTA) technology without having to bring their vehicle to a dealership. Vehicles that have completed the update via OTA will be marked as complete.

For vehicles that are not able to complete the update via OTA, the update can be applied using Techline Connect (TLC) and the Multiple Diagnostic Interface 2 (MDI2).

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
4135B4	Verified Module Software or Calibration Level: Module is Programmed with Same Level Software or Calibration	0.2hr	6ZX00	CQC00	B26035A	86531509
4135B5	Update the Electronic Brake Control Module (EBCM) software	0.3hr			B26035B	

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

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TOOL INFORMATION

Tool Name	Part Number	Quantity
Techline Connect (TLC) Software Application Tool with Acura Diagnostic Package	N/A	N/A
Multiple Diagnostic Interface 2 (MDI2)	07-EL-52100	1
DCA-8000 Dynamic Diagnostic Charging System	MTRDCA8000PA	1

NOTE: Before starting, confirm that the Techline Connect (TLC) software application tool with the Acura Diagnostic Package is installed on your computer.

REPROGRAMMING PROCEDURE

NOTE:

- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, a programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, overvoltage or loss of voltage will interrupt programming. Use a DCA-8000 in Reflash mode.
- Follow the on-screen prompts regarding ignition power mode but ensure that anything that drains excessive power (exterior lights, HVAC blower motor, etc.) is off.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicator to NO.
- **Important:** Verify that the VIN displayed in the TLC left-side drop-down menu and the top center window match the VIN of the vehicle to be programmed prior to using Service Programming System 2 (SPS2) for programming or reprogramming a module.
- If the VIN that shows up in the TLC top center window, after correctly reading the VIN from the vehicle, does not match the VIN of the vehicle, manually type the VIN characters from the vehicle VIN into the TLC top center window and use these for programming or reprogramming the subject module with the correct vehicle VIN and software and/or calibrations.
- The Electronic Brake Control Module (EBCM) is the primary module that TLC reads to determine the VIN of the vehicle. If the VIN read from the vehicle by TLC does not match the VIN of the vehicle, the EBCM may need to be reprogrammed with the correct VIN, software and calibrations that match the vehicle's VIN.
- Make sure to complete the following self-studies prior to doing the software update:
  - ZDX10 – MDI 2 Introduction and Familiarization
  - ZDX11 – Techline Connect Introduction and Overview
  - ZDX12 – Global Diagnostic System 2 Introduction and Navigation

1. Update the EBCM software using the ECU Reprogramming Application with the Multiple Diagnostic Interface 2 (MDI2). For more information, refer to the Job Aid: *Updating Control Units/Modules with TECHLINE CONNECT*.
2. Remove the front compartment rear access cover and the front compartment side sight shield. (Click HERE)
3. Connect a DCA-8000 to the 12-volt battery and set it to Reflash mode. Leave it connected throughout the entire procedure to maintain a steady voltage.

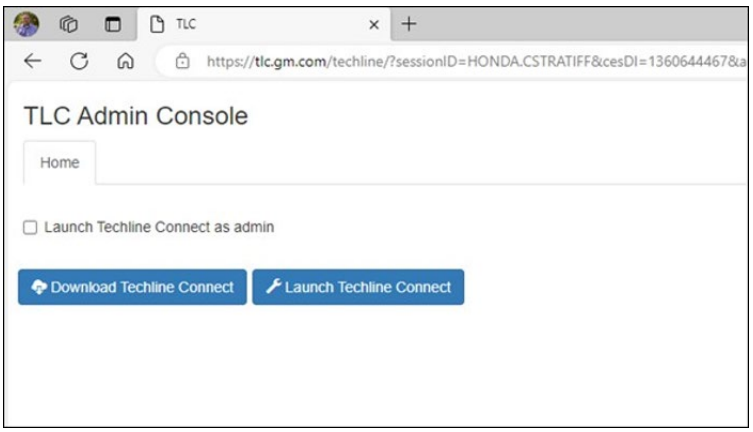
   NOTE: The factory-installed 12-volt battery is an AGM battery rated at 600 CCA 60Ah.

4. Open Techline Connect (TLC).



NOTE:

- If TLC is not installed, follow the *TLC Quick Start Guide*.
- Ensure you are using the Acura Diagnostic package as described in the *TLC Quick Start Guide*.

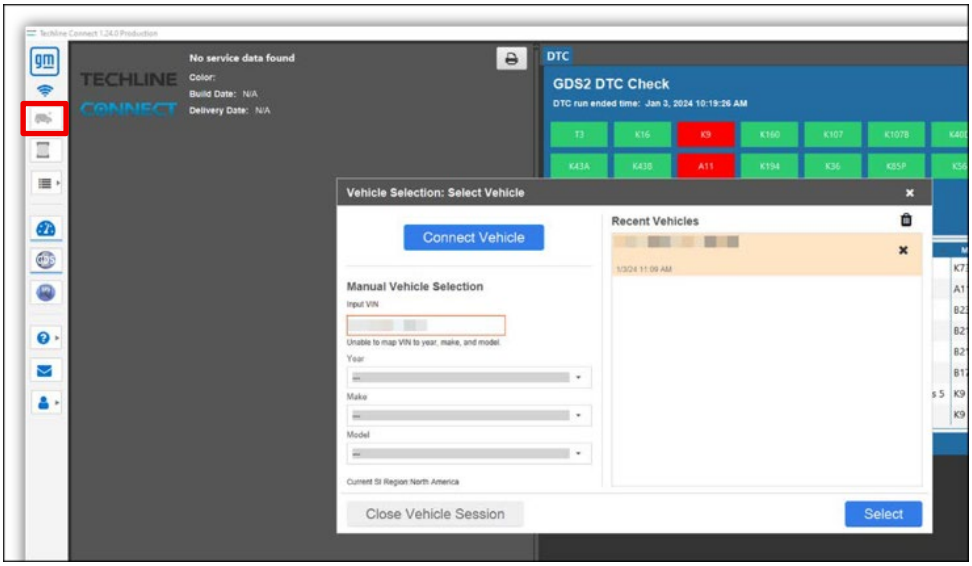


5. Connect the MDI2 to your computer using a USB.
6. With the vehicle **OFF**, connect the MDI2 cable to the vehicle's data link connector (DLC).

NOTE:

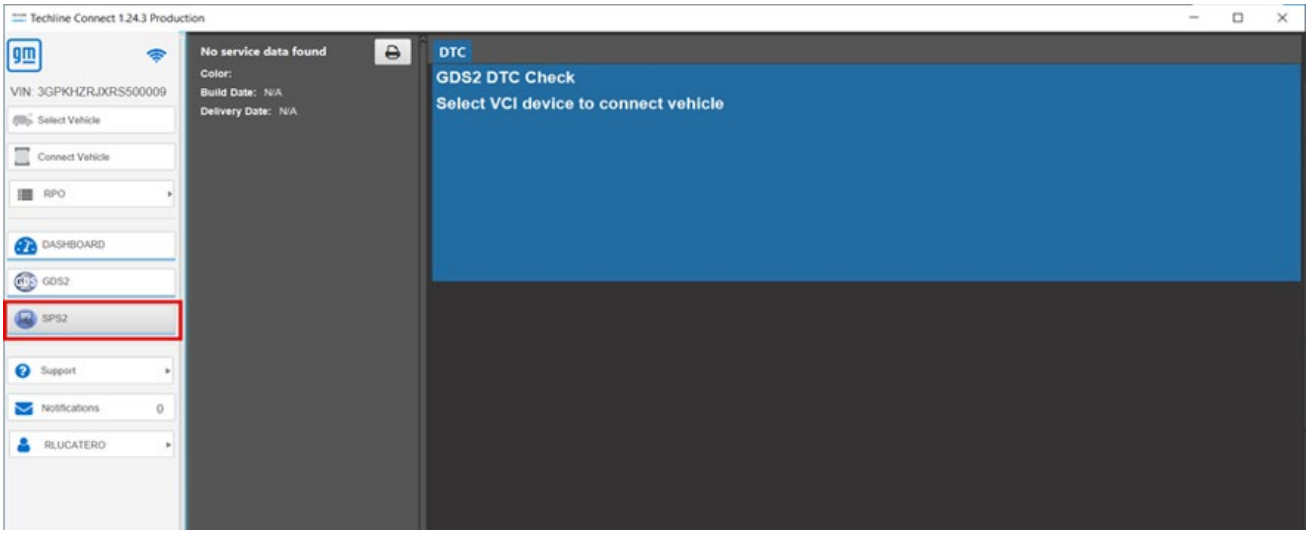
- There is no need to power on the vehicle at this time.
- Make sure that the key remote remains inside the vehicle for the duration of the programming.

7. Open the Vehicle Selection section of TLC.
8. Choose **Select Vehicle** from the left-side menu, then choose **Connect Vehicle**.

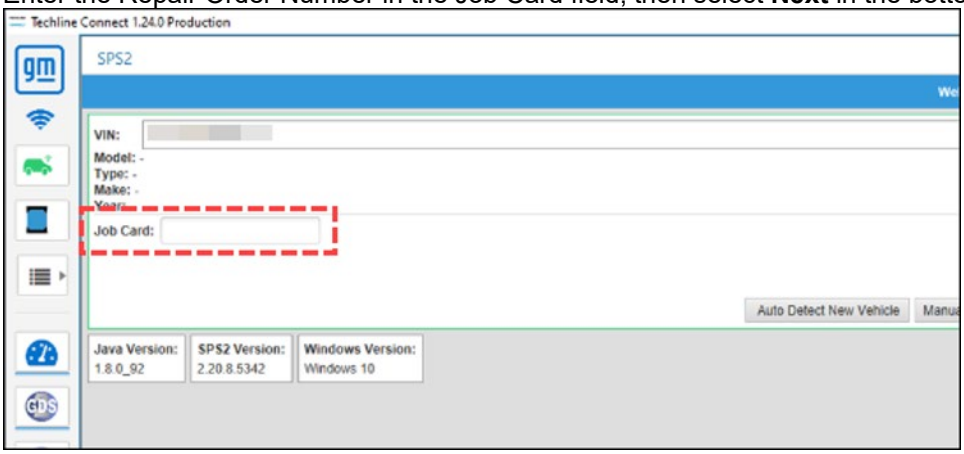


9. Launch SPS2 from the left-side menu.

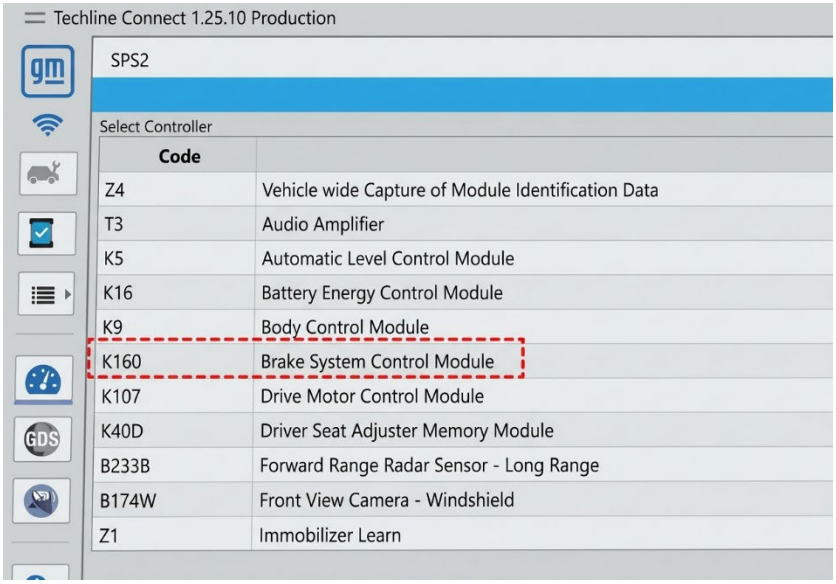
   NOTE:
   - SPS2 may automatically launch after selecting Connect Vehicle.
   - Wait for SPS2 to finish reading vehicle data.



10. Enter the Repair Order Number in the Job Card field, then select **Next** in the bottom right corner.



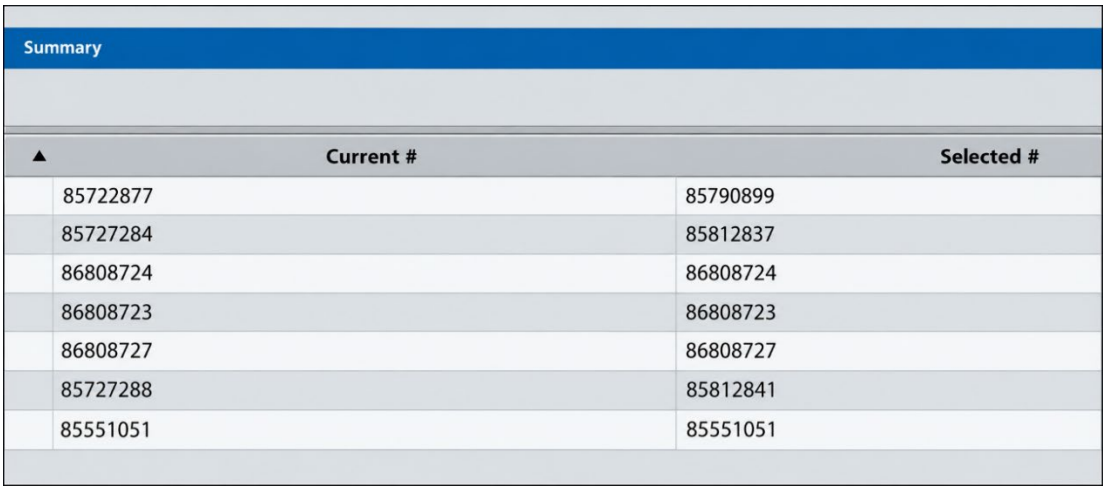
11. When the pop-up menu appears, select **Reprogram** in the drop down, then select **OK**.
12. Select **K160 Brake System Control Module**, then select **Next** in the bottom right corner.



13. Compare each Controller ID Current # with its corresponding Selected #. If any Current # does not match its corresponding Selected #, an update is needed.

    NOTE:

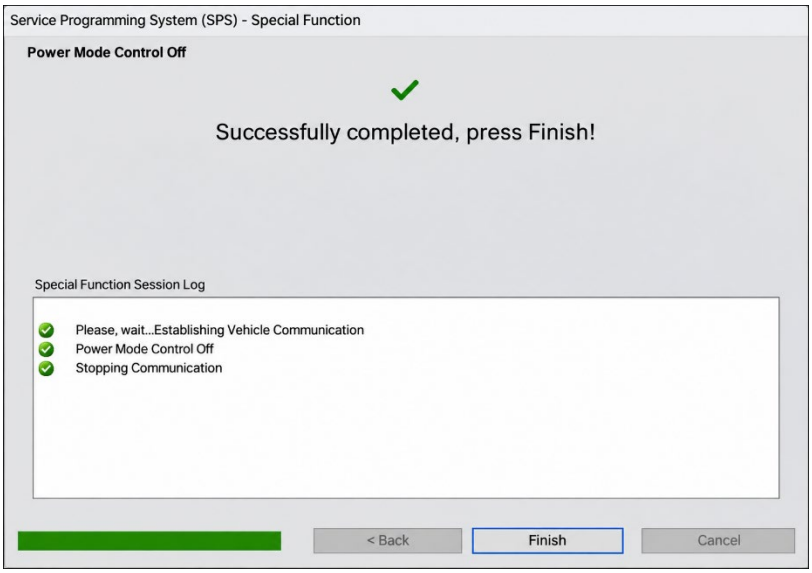
    - In rare cases, the campaign may show as open on VIN Status Inquiry, but the Current # and Selected # all match.
    - If all the Current # and Selected # match, the vehicle is up to date and **no** update is needed.
    - Submit a warranty claim for Operation Number 4135B4 **only**.



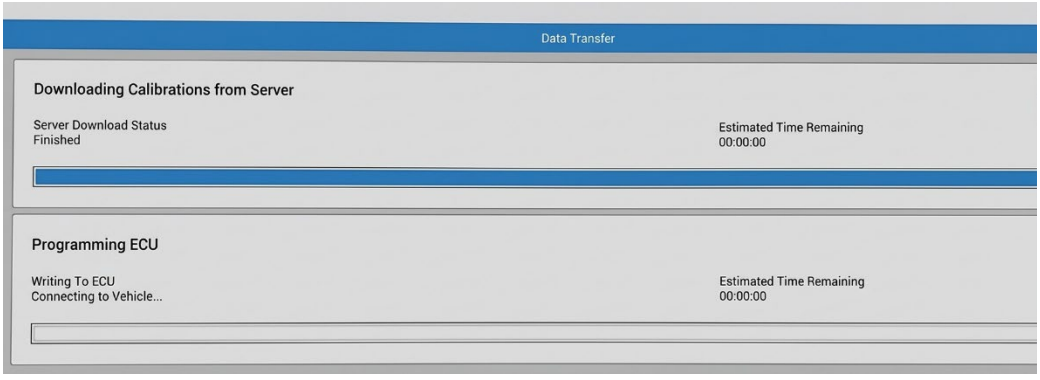
14. Select **Next** in the bottom right corner and TLC will automatically download the update.

    NOTE: If all of the IDs match as described in step 13, selecting Next will display the error message “You are attempting to reprogram with the same calibration”.

15. A “Successfully Completed” message confirms the files are downloaded and ready to install.



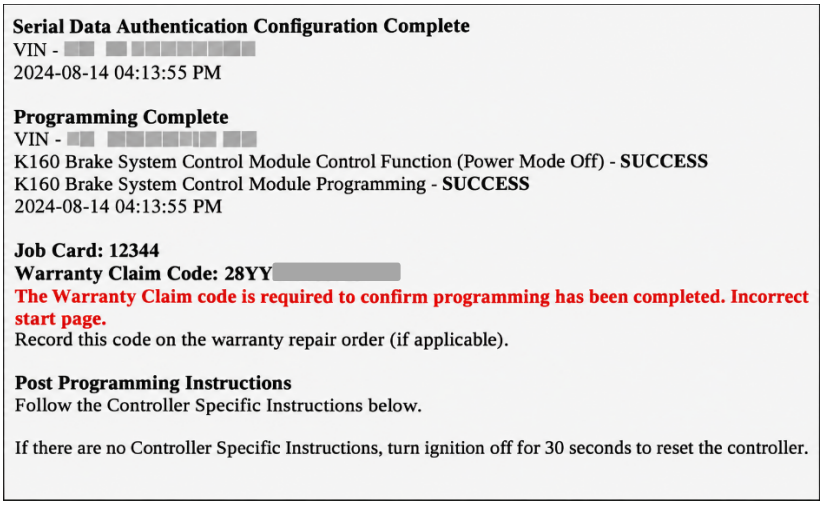
16. Select **Finish** to begin the installation process.



17. When the update is completed, you will be presented with a Warranty Claim Code screen. Choose **Print** at the bottom left to save a PDF of the Warranty Claim Code information.

    NOTE:
    - The print window may open behind the TLC application.
    - The PDF **will be needed** to submit the warranty claim.

    Example:



Serial Data Authentication Configuration Complete
VIN - [redacted]
2024-08-14 04:13:55 PM

Programming Complete
VIN - [redacted]
K160 Brake System Control Module Control Function (Power Mode Off) - **SUCCESS**
K160 Brake System Control Module Programming - **SUCCESS**
2024-08-14 04:13:55 PM

Job Card: 12344
Warranty Claim Code: 28YY[redacted]
The Warranty Claim code is required to confirm programming has been completed. Incorrect start page.
Record this code on the warranty repair order (if applicable).

Post Programming Instructions
Follow the Controller Specific Instructions below.

If there are no Controller Specific Instructions, turn ignition off for 30 seconds to reset the controller.

18. Select **Clear DTCs** on the bottom right to clear any DTCs that may have been created by performing the update.
19. Place the vehicle into Service Mode by holding the power button for **5 seconds**.

    NOTE: **DO NOT** press the brake pedal while pressing the power button. This will put the vehicle in DRIVE mode.
20. From the left-side menu, launch Global Diagnostic System 2 (GDS2). After the screen transitions, select **Enter**.
21. Select **Vehicle DTC Information**, then select **Enter** at the bottom right.
22. Wait for vehicle DTCs to be displayed, then click **Clear DTCs** to clear any DTCs created during the update process.
23. From the Vehicle DTC Information screen select **Add All**, then select **OK**.
24. When the DTC Clear message appears, select **OK.** Update is complete.