

September 06, 2025

Version 1

## Safety Recall: 2025 RDX EPS Software Update

### APPLIES TO

Year	Model	Trim Level	VIN Range
2025	RDX	A-Spec, Advance, A-Spec Advance	Check the iN VIN status for eligibility.

### BACKGROUND

When the vehicle is driven with Lane Keep (LKAS) ON and the Integrated Dynamic System (IDS) is set to comfort mode, an abnormality in the software in the EPS control unit may cause the EPS to illuminate the EPS warning light and trigger the EPS to go into failsafe, deactivating steering assist.

### CLIENT NOTIFICATION

Owners of affected vehicles will be sent a notification of this safety recall. Do an iN VIN status inquiry to verify eligibility. 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 EPS Control Unit software.

### WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
5135A0	Update EPS control unit	0.2 hr	6AU00	GMS00	B25047A	53623-TJB-A61
5135A0A	Do an all-DTC check	0.1 hr				

**CLIENT 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.

## SOFTWARE INFORMATION

Before beginning the repair, make sure all diagnostic and reprogramming software is updated as listed.

<b>i-HDS Software Version</b>	1.008.033 or later
<b>HDS Software Version</b>	3.105.028 or later
<b>Honda ECU Reprogramming</b>	3.6.0.0

### NOTE:

- Unnecessary or incorrect repairs resulting from a failure to update the diagnostic and reprogramming software are NOT covered under warranty.
- Do not use the MongoosePRO VCI for this service bulletin as it is not an American Honda approved device.
- For more information about updating vehicle systems, refer to service bulletin 22-100, *Updating Control Units/Modules with the Honda ECU Reprogramming Application*.

Update only the systems and software listed in this service bulletin.

<b>Year</b>	<b>Trim</b>	<b>System</b>	<b>Program ID (or later)</b>
2025	A-Spec, Advance, A-Spec Advance	EPS	39990-TJB-A220

## INSPECTION PROCEDURE

1. Check if the VIN is in the Affected VIN range.

YES – Confirm the vehicle has the latest software version and proceed to REPAIR PROCEDURE.

NO – Continue with normal troubleshooting.

## REPAIR PROCEDURE

### NOTICE:

- Unnecessary or incorrect repairs resulting from a reprogramming session will not be covered under warranty.
- Control module failure caused by the improper completion of a software update (early key cycle, low battery voltage, disconnected Data Link Connector (DLC) cable, etc.) is not covered by warranty.
- If a problem occurs while reprogramming, keep the ignition turned to ON and DO NOT disconnect the battery. Do the following to minimize the chances of damaging the control unit/module:
  - DO NOT disconnect the battery nor turn the ignition to OFF.
  - Follow the on-screen instructions from the **Honda ECU Reprogramming** application.
  - If the reprogramming issue persists, try disconnecting the VCI from the vehicle's DLC. Restart the **Honda ECU Reprogramming** application. Then, reconnect the VCI to the vehicle's DLC and retry the reprogramming procedure.

1. Make sure the 12-volt battery is fully charged before starting an update.
2. Connect a fully charged jumper battery pack, Midtronics GR8-110P AST in **Power Supply Mode** or Midtronics DCA-8000 Dynamic Diagnostic Charging System in **Reflash Mode**, to the vehicle's 12-volt battery. Leave it connected during the entire procedure to maintain a steady voltage.

NOTE: If the vehicle's 12-volt battery drops below **10 volts** during the update, the programming status bar may not present accurately, or the **Honda ECU Reprogramming** application may display an error message.

3. Update the EPS Control Unit software using the **Honda ECU Reprogramming** application with the DST-i. Refer to Service Bulletin 22-100, *Updating Control Units/Modules with the ECU Reprogramming Application*.

NOTE: If the message "**Ensure all connections are secured between the PCI, VCI, and Vehicle**" appears, make sure the VCI name correctly matches the VCI device in use. Example name Denso DST-i.

4. Do an ALL DTC CHECK and clear any codes that may have set during the update.

NOTE:

- If a DTC appears after the software is up to date, follow the service manual for additional troubleshooting procedures.
- Warranty reimbursement for technician labor is not allowed for routine checking/installation of any available software update.