

May 22, 2026

Version 1

Safety Recall: 2022–26 MDX Seat Weight Sensor

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2022–26	MDX	ALL	Check the iN VIN status for eligibility.

BACKGROUND

Affected vehicles may be equipped with seat weight sensors that are not built to proper specifications. Improperly built sensors could lead to cracking and/or a short circuit of the sensor, resulting in the illumination of the SRS warning light and the passenger airbag indicator remaining OFF. In certain collisions, these seat weight sensors may cause improper deployment of the front passenger airbags, increasing the risk of injury.

CLIENT NOTIFICATION

Owners of the affected vehicles will be sent a notification of this campaign. 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 client and/or anyone else harmed as a result of such failure. To verify if a vehicle in inventory is affected, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Replace the seat weight sensors.

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.

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7491E4	Replace seat weight sensors- power seat (includes seat calibration & DTC clear)	0.9 hr	6XW00	QO800	B26015A	81136-TJB-A61

Skill Level: Repair Technician

Seat Weight Sensor Kit Serial Number

Enter the Seat Weight Sensor Kit serial number from the Seat Weight Sensor Kit label into the Replacement Serial Number field of the Parts Information section of the warranty claim.

NOTE:

- The Seat Weight Sensor Kit label should be affixed to the repair order by the technician.
- The claim may reject if a valid serial number is not included.

Parts Information						
Failed Part No. •		Failed Part Description •				
Replacement Serial No.						
Item	Replacement Part No. •	Quantity •	Unit Price	Unit Total	Description	
1						Delete
2						Delete
3						Delete
4						Delete
5						Delete
More >						
Materials Information						

PARTS INFORMATION

Part Name	Part Number	Quantity
Seat Weight Sensor Kit	04945-TJB-A00	1

Refer to the Parts Information Bulletin 24-0012, Multi-model Seat-Weight Sensor Safety Recall Parts Availability, for details regarding parts availability and ordering.

TOOL INFORMATION

NOTE: Required tools were shipped as part of a previous campaign action. Replacement or additional tools are available through the Tool and Equipment Program.

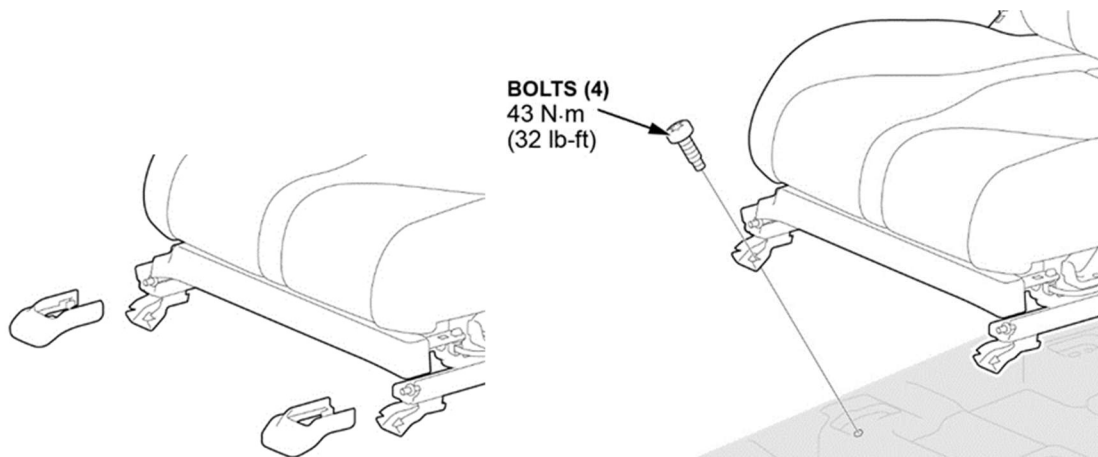
Tool Name	Tool Number	Quantity
Fixture, SWS Guide D	07AAG-TVAA400	1
Wrench, Body Adjust	07AAA-TVAA400	1
Head, Box End (16mm)	07AAA-TG7A300	1
Head, Box End (14mm)	07AAA-TVAA200	1

REPAIR PROCEDURE

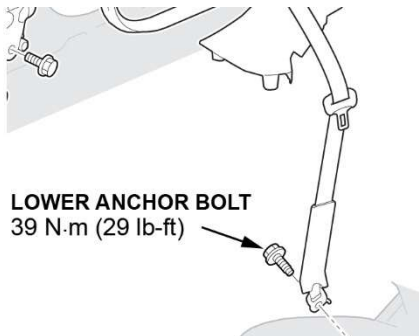
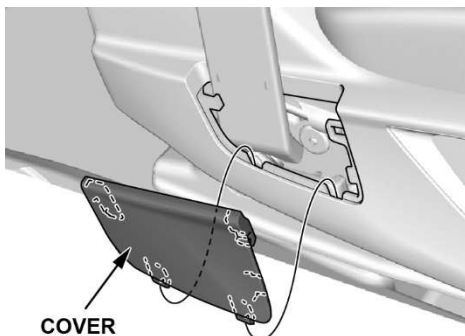
1. Remove the label from the new seat weight sensor box and affix it to the repair order.

[illegible]

2. Remove passenger seat foot covers and seat mounting bolts.

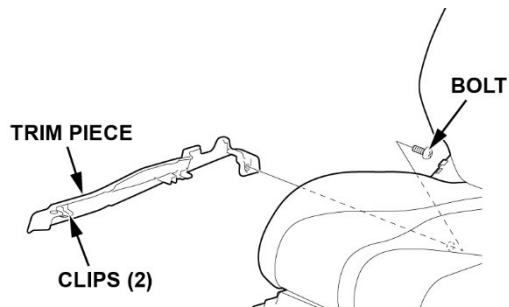


3. Move the front passenger's seat to the most forward position and raise the seat bottom to the highest position, then remove the rear mounting bolts.
4. Disconnect the negative terminal of the 12-volt battery.
 - *12 Volt Battery Terminal Disconnection and Reconnection,*
 - MDX ([Click Here](#))
 - MDX Type S ([Click Here](#))

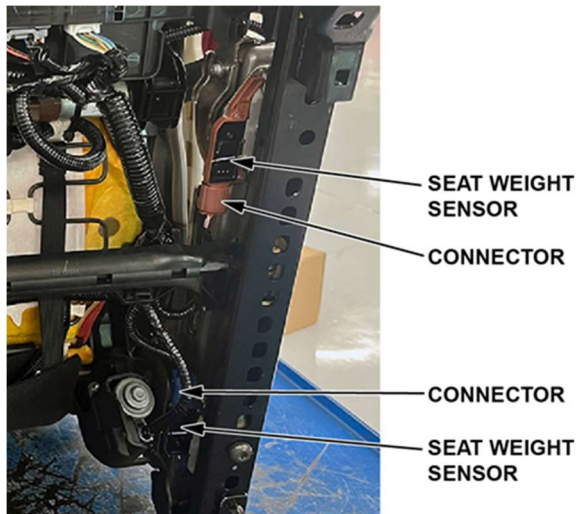


6. Disconnect the under-seat connectors.

7. Remove the seat from the vehicle.
8. Remove the right-side lower trim piece.



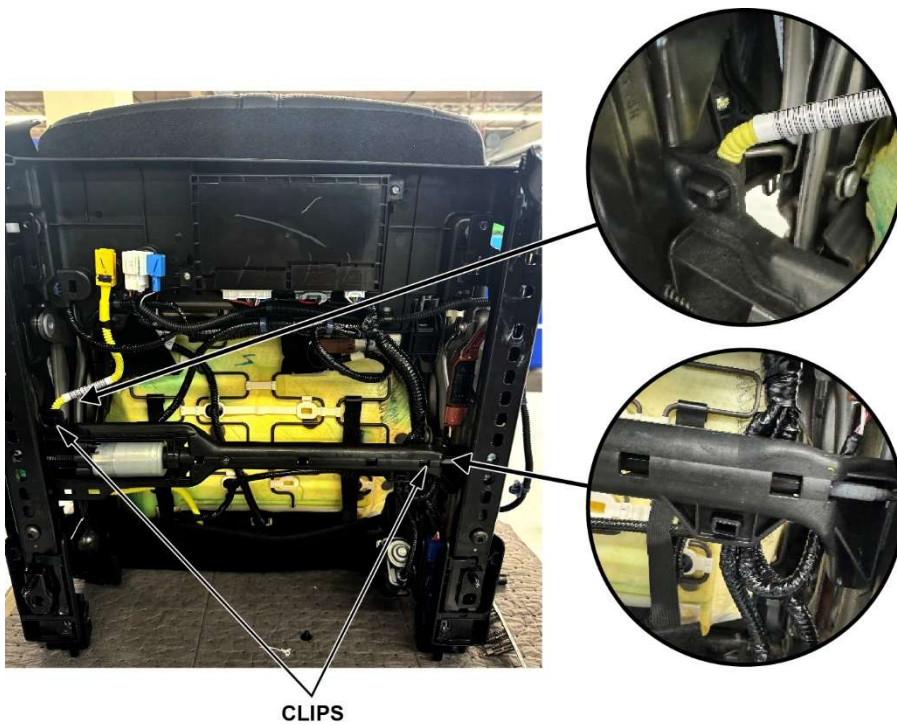
9. Tilt the seat back and disconnect the 2 seat weight sensor connectors from the seat harness.
- NOTE: Take a picture of the harness routing prior to removal for future reference.



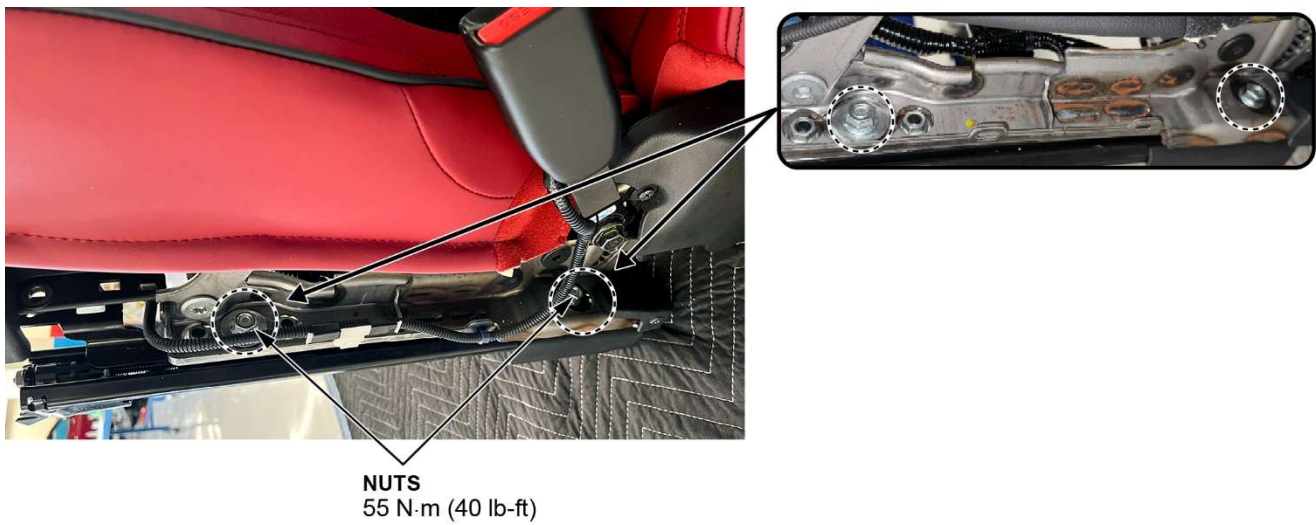
10. Disconnect the seat motor connector.



11. Disconnect the wire harness clips from the seat rail.



12. Remove the two nuts holding the left side seat frame.



13. Unbolt the cover (2 screws) and push the cover toward the seat cushion to allow access to the right front seat rail mounting bolt.



14. Remove the two bolts on the right side holding the frame.

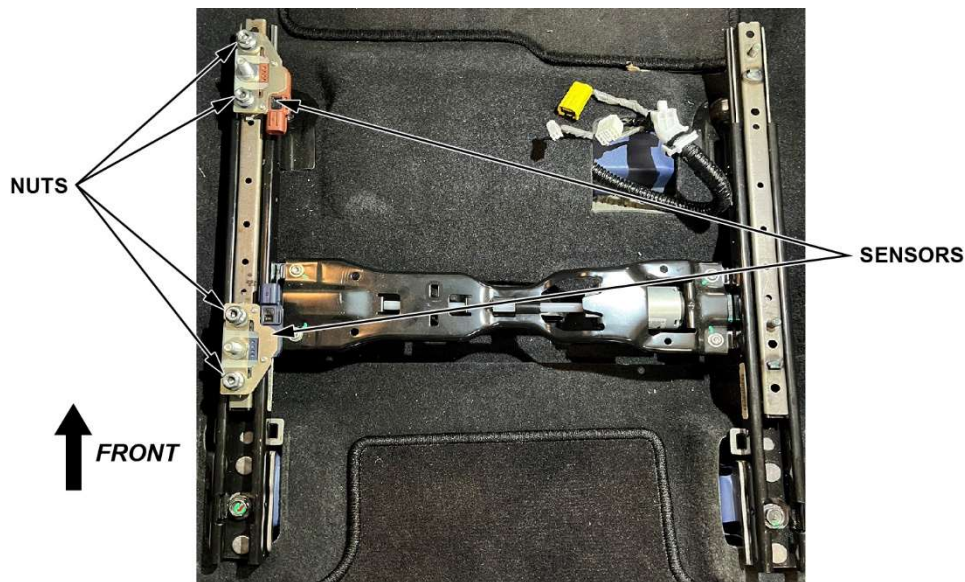


BOLTS
25 N·m (18 lb-ft)

15. Remove the seat rail from the seat frame.



16. Mount the seat rail in the vehicle and remove the 2 seat weight sensors, then discard the nuts and sensors.



17. Loosely install the new sensors and new nuts in the orientation shown.

**SENSOR POSITION 1
LEFT FRONT**



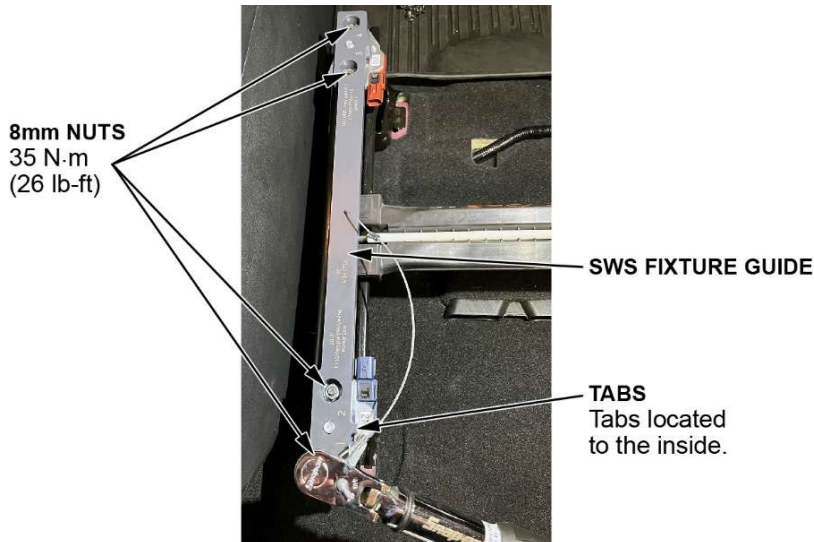
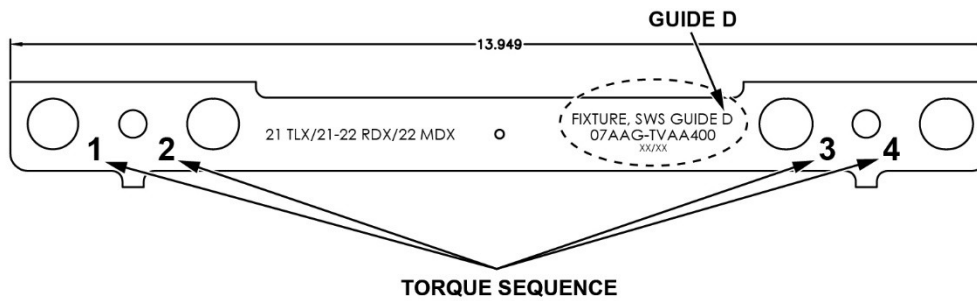
FRONT

**SENSOR POSITION 2
LEFT REAR**



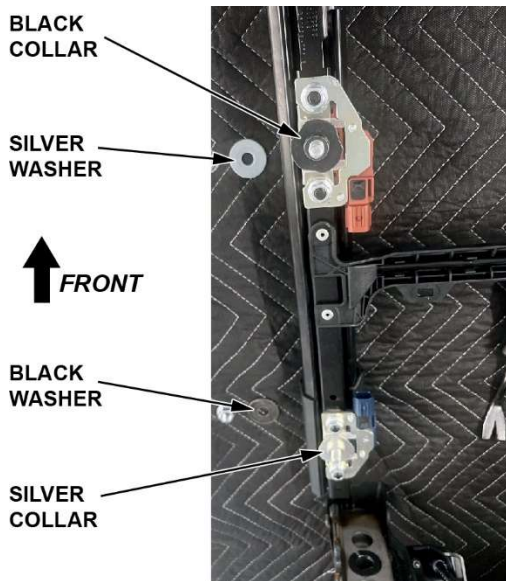
18. Place the **SWS Fixture Guide D** onto the new seat weight sensors with the tabs located to the inside of the seat track. With the guide properly seated on the new sensors, **torque the 8 mm nuts to 35 N·m (26 lb-ft) in the order shown on the SWS fixture guide.**

NOTE: Use the socket provided with the guide.



19. Remove the seat rail from the vehicle. Reinstall the seat rail to the seat frame. Loosely install the new nuts and bolts and reinstall all parts.

NOTE: The bushings and collars can be identified by their color. Make sure to install the bushings and collars in the proper location.



20. Torque the left side seat frame nuts to **55 N·m (40 lb-ft)**. The right-side bolts should be torqued to **25 N·m (18 lb-ft)**.

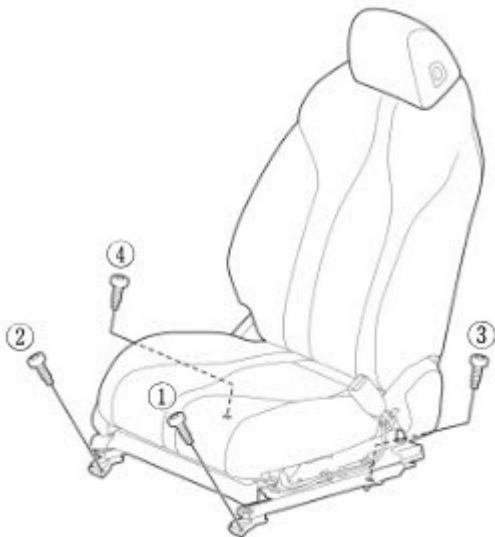


NUTS
55 N·m (40 lb-ft)



BOLTS
25 N·m (18 lb-ft)

21. Install the seat and reconnect all connectors. Hand tighten the bolts first, then torque them in the sequence shown to **43 N·m (32 lb-ft)**.



22. Connect the negative terminal to the 12-volt battery.
- *12 Volt Battery Terminal Disconnection and Reconnection*,
 - MDX [\(Click Here\)](#)
 - MDX Type S [\(Click Here\)](#)
23. Do the *Front Passenger's Weight Sensor Initialization*, [\(Click Here\)](#)
24. Do the front weight sensor operation check, [\(Click Here\)](#)
25. Confirm the SRS Operation: Turn the vehicle to the ON mode, and check that the SRS indicator comes on for about 6 seconds and then goes off.
26. Do the steering neutral position learn procedure, [\(Click Here\)](#)