

December 19, 2025

Version 6

Safety Recall: 2022 MDX Seat Weight Sensor

Supersedes Version 5 to revise information at:

PARTS INFORMATION update

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2022	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

For repairs on or after October 11, 2024, you must use the warranty claim information with template ID ending in C. For inspection or repairs before October 11, 2024, go to page 3.

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	ZHD00	B24020E	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

For repairs before October 11, 2024, use the warranty claim information with template IDs ending in A, or B.

NOTE: If the INSPECTION PROCEDURE determines this Service Bulletin doesn't apply, use template B to submit a warranty claim for the inspection.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
8611L0	Advance, Type S: Replace seat cushion frame (includes inspect and DTC)	2.6hr	6XW00	ZHD00	B24020A	81136-TJB-A61
8611L0	Tech, A Spec: Replace seat cushion frame (includes inspect and DTC)	2.6hr	6XW00	ZHD00	B24020C	81136-TYA-A41
8611L0	Base: Replace seat cushion frame (includes inspect and DTC)	2.6hr	6XW00	ZHD00	B24020D	81136-TJB-A21
7495A1	For stored DTCs other than DTC U3000-49 and/or inspection determines this Service Bulletin does not apply.	0.3hr	6XZ00	FIU00	B24020B	81136-T20-A61

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

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

NOTE: Please contact the Special Tools Hotline at 1-833-949-4672, or by email at special_tools@ahm.honda.com.

REPAIR PROCEDURE

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



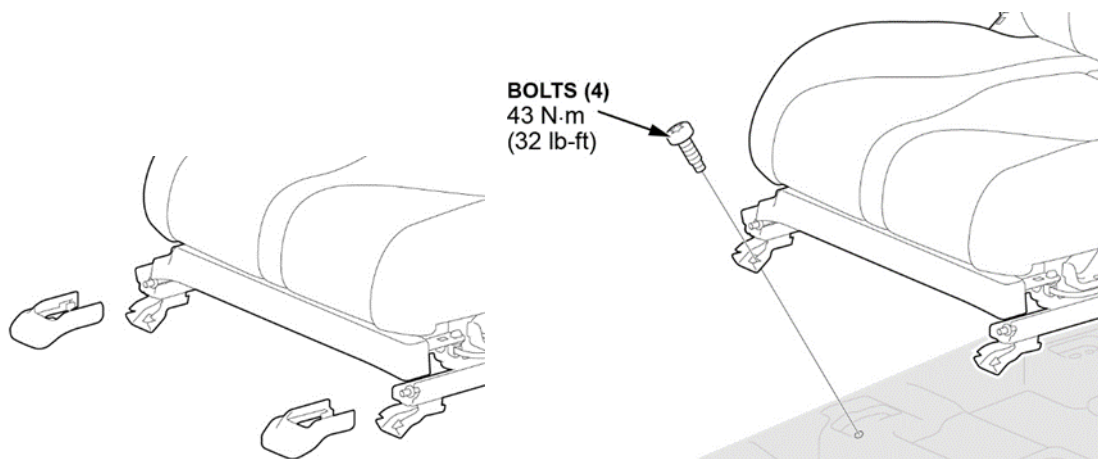


PREFERRED DEALER
 (COUNCIL) 0011
 (COUNCIL) 0011
 0011 0011

Repair Order - Customer Copy

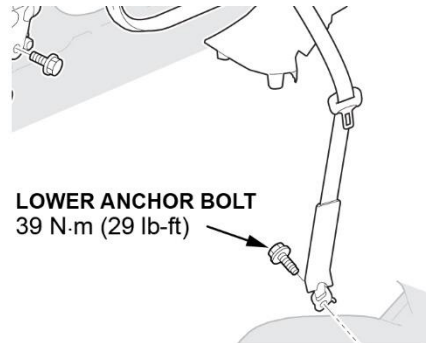
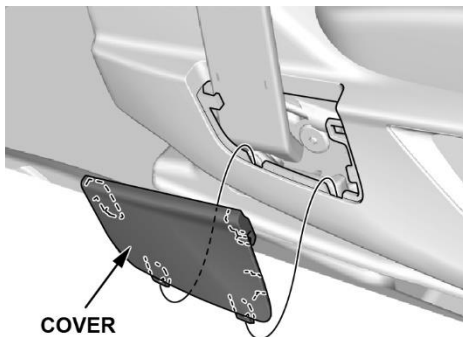
CUSTOMER NAME	ADDRESS	PHONE	TELEPHONE EXT.	REPAIR NO.
JOHN DOE / JOHN DOE	123 MAIN ST.	456-7890	1234	000001
ADDRESS 2	4567890	12345678	90123456	000002
ADDRESS 3	12345678	90123456	78901234	000003
ADDRESS 4	90123456	78901234	56789012	000004
ADDRESS 5	78901234	56789012	34567890	000005
ADDRESS 6	56789012	34567890	12345678	000006
ADDRESS 7	34567890	12345678	90123456	000007
ADDRESS 8	12345678	90123456	78901234	000008
ADDRESS 9	90123456	78901234	56789012	000009
ADDRESS 10	78901234	56789012	34567890	000010
ADDRESS 11	56789012	34567890	12345678	000011
ADDRESS 12	34567890	12345678	90123456	000012
ADDRESS 13	12345678	90123456	78901234	000013
ADDRESS 14	90123456	78901234	56789012	000014
ADDRESS 15	78901234	56789012	34567890	000015
ADDRESS 16	56789012	34567890	12345678	000016
ADDRESS 17	34567890	12345678	90123456	000017
ADDRESS 18	12345678	90123456	78901234	000018
ADDRESS 19	90123456	78901234	56789012	000019
ADDRESS 20	78901234	56789012	34567890	000020
ADDRESS 21	56789012	34567890	12345678	000021
ADDRESS 22	34567890	12345678	90123456	000022
ADDRESS 23	12345678	90123456	78901234	000023
ADDRESS 24	90123456	78901234	56789012	000024
ADDRESS 25	78901234	56789012	34567890	000025
ADDRESS 26	56789012	34567890	12345678	000026
ADDRESS 27	34567890	12345678	90123456	000027
ADDRESS 28	12345678	90123456	78901234	000028
ADDRESS 29	90123456	78901234	56789012	000029
ADDRESS 30	78901234	56789012	34567890	000030
ADDRESS 31	56789012	34567890	12345678	000031
ADDRESS 32	34567890	12345678	90123456	000032
ADDRESS 33	12345678	90123456	78901234	000033
ADDRESS 34	90123456	78901234	56789012	000034
ADDRESS 35	78901234	56789012	34567890	000035
ADDRESS 36	56789012	34567890	12345678	000036
ADDRESS 37	34567890	12345678	90123456	000037
ADDRESS 38	12345678	90123456	78901234	000038
ADDRESS 39	90123456	78901234	56789012	000039
ADDRESS 40	78901234	56789012	34567890	000040
ADDRESS 41	56789012	34567890	12345678	000041
ADDRESS 42	34567890	12345678	90123456	000042
ADDRESS 43	12345678	90123456	78901234	000043
ADDRESS 44	90123456	78901234	56789012	000044
ADDRESS 45	78901234	56789012	34567890	000045
ADDRESS 46	56789012	34567890	12345678	000046
ADDRESS 47	34567890	12345678	90123456	000047
ADDRESS 48	12345678	90123456	78901234	000048
ADDRESS 49	90123456	78901234	56789012	000049
ADDRESS 50	78901234	56789012	34567890	000050
ADDRESS 51	56789012	34567890	12345678	000051
ADDRESS 52	34567890	12345678	90123456	000052
ADDRESS 53	12345678	90123456	78901234	000053
ADDRESS 54	90123456	78901234	56789012	000054

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

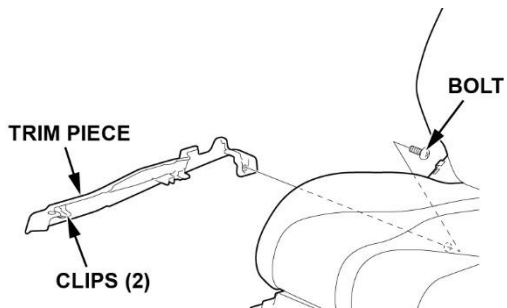


3. Move the front passenger's seat to the most forward position and raise the seat bottom to the highest position, then remove the rear mounting bolts.
4. Disconnect the negative terminal of the 12-volt battery.
 - *12 Volt Battery Terminal Disconnection and Reconnection,*
 - MDX ([Click Here](#))
 -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

5. Remove the right front seat belt bolt cover and front seat belt anchor bolt.

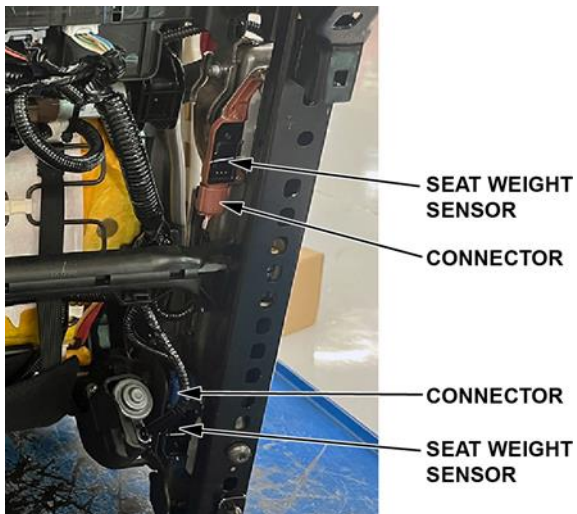


6. Disconnect the under-seat connectors.
7. Remove the seat from the vehicle.
8. Remove the right-side lower trim piece.



9. Tilt the seat back and disconnect the 2 seat weight sensor connectors from the seat harness.

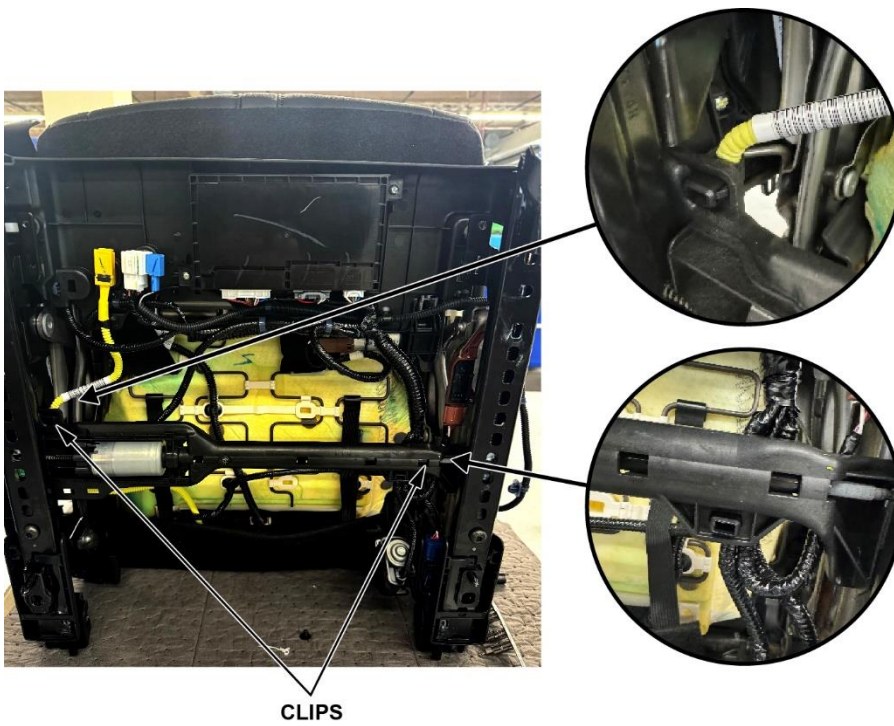
NOTE: Take a picture of the harness routing prior to removal for future reference.



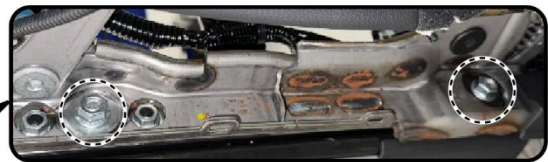
10. Disconnect the seat motor connector.



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



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



NUTS
55 N·m (40 lb-ft)

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.

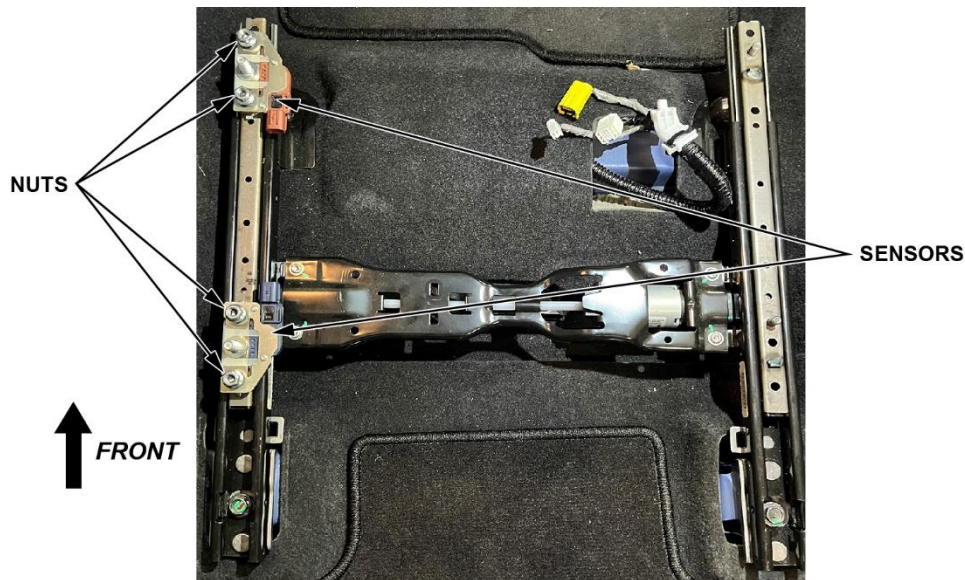


BOLTS
25 N·m (18 lb-ft)

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**

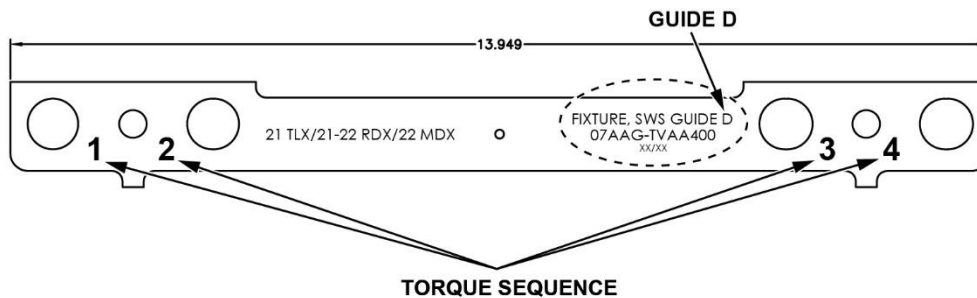


**SENSOR POSITION 2
LEFT REAR**



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.



8mm NUTS
35 N·m
(26 lb-ft)

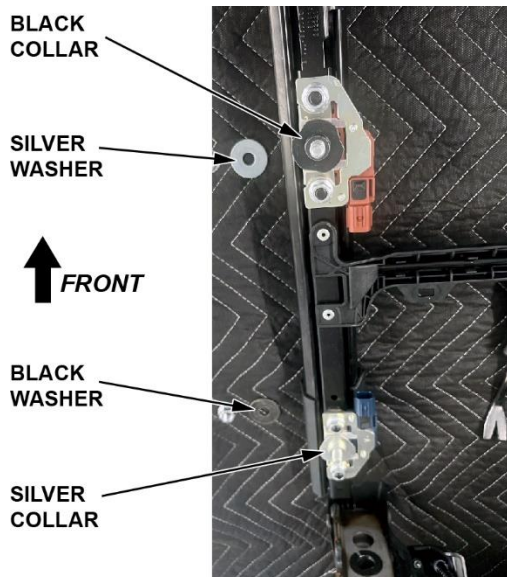


SWS FIXTURE GUIDE

TABS
Tabs located
to the inside.

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)**.

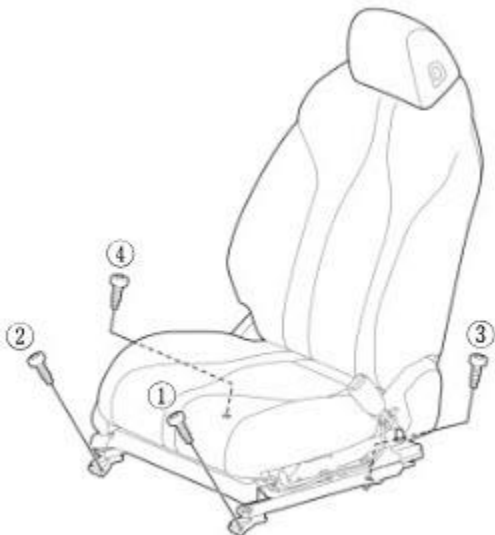


NUTS
55 N·m (40 lb-ft)



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, [\(Click Here\)](#)