

March 8, 2024

Version 1

Safety Recall: 2022 MDX Seat Weight Sensor (DTC U3000-49)

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

- If the SRS indicator light is not illuminated, refer to *Campaign Notice 24-023*.
- If the SRS indicator light is illuminated, follow the inspection procedure outlined in this bulletin.

PARTS INFORMATION

Due to a limited supply of controlled parts, they require prior approval before shipping. This will be determined by the INSPECTION PROCEDURE, follow the steps provided by the QR code.

WARRANTY CLAIM INFORMATION

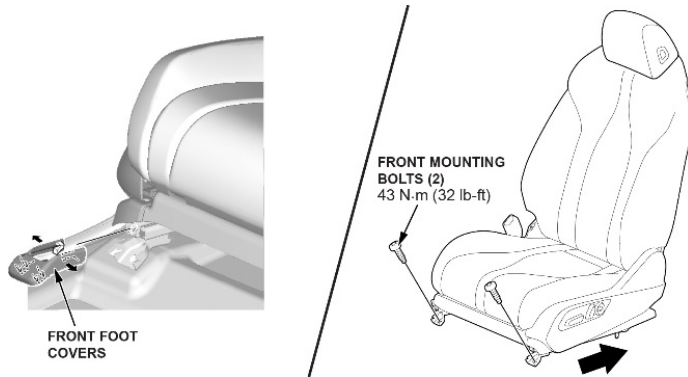
Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
8611L0	Replace seat cushion frame (includes inspect and DTC clear).	2.6hr	6XW00	ZHD00	B24020A	81136-TJB-A61

Skill Level: Repair Technician

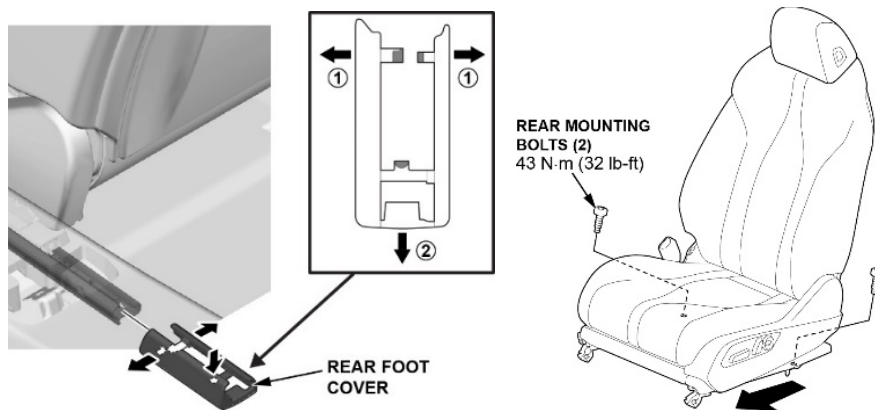
CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin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

INSPECTION PROCEDURE

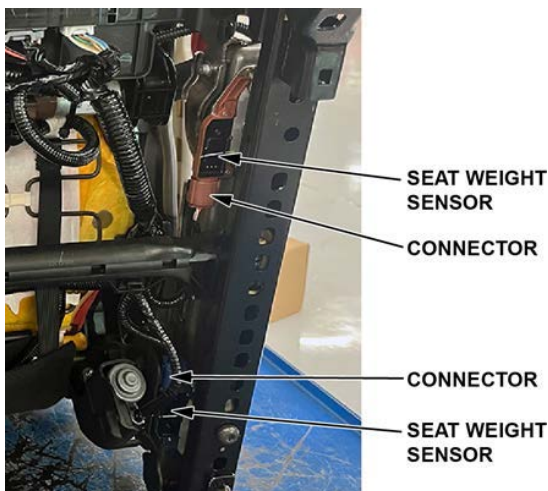
1. Check if the SRS indicator is ON.
2. If the indicator is ON, do an **All DTC** check using the HDS.
3. If DTC U3000-49 (Internal Failure of the SRS Unit) is present, continue to step 4
If DTCs other than U3000-49 are found, this service bulletin does not apply. Continue with normal troubleshooting.
4. Remove the passenger seat foot covers and the seat front mounting bolts.



5. 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.



6. Disconnect the negative terminal of the 12-volt battery.
NOTE: *Battery Terminal Disconnection and Reconnection*, ([CLICK HERE](#))
7. Tilt the seat back and disconnect the 2 seat weight sensor connectors from the seat harness.



8. Connect the negative terminal of the 12-volt battery.

9. With the seat weight sensors disconnected, clear the DTC and do an **All DTC** check.

NOTE: Other new DTCs may be stored due to the seat weight sensors being unplugged. Disregard these new DTCs at this time.

- If DTC U3000-49 (Internal Failure of the SRS Unit) does not return, scan the QR code with a capable device and complete the form.

NOTE:

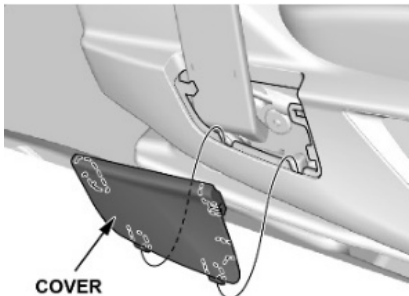
- This form must be filled out before parts can be ordered.
- If you can't scan the QR code ([CLICK HERE](#)).



- If DTC U3000-49 does return, this service bulletin does not apply. Reconnect the SWS connectors and continue with normal troubleshooting.

REPAIR PROCEDURE

1. Disconnect the negative terminal of the 12-volt battery.
2. Remove the passenger's seat lower anchor cover and front seat belt anchor bolt.



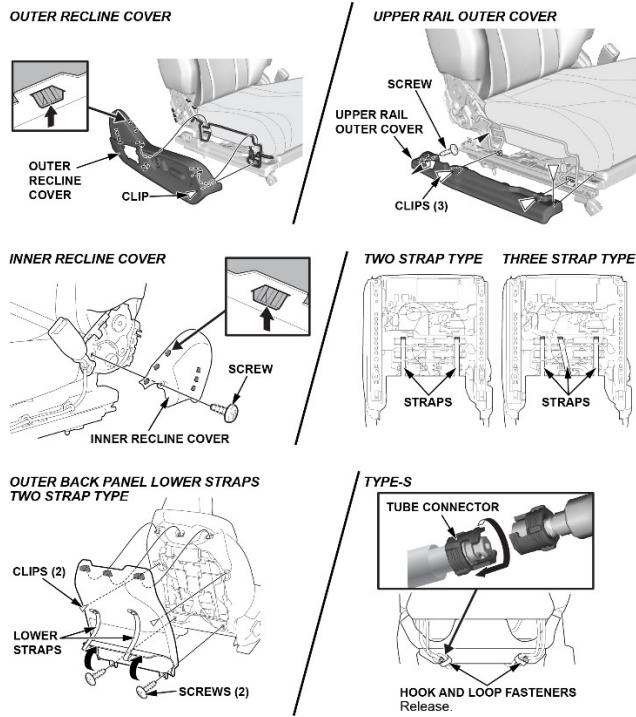
3. Disconnect the remaining under-seat connectors.

NOTE: Connectors may be different per vehicle. Take a photo of the underside connectors and harnesses for reference.

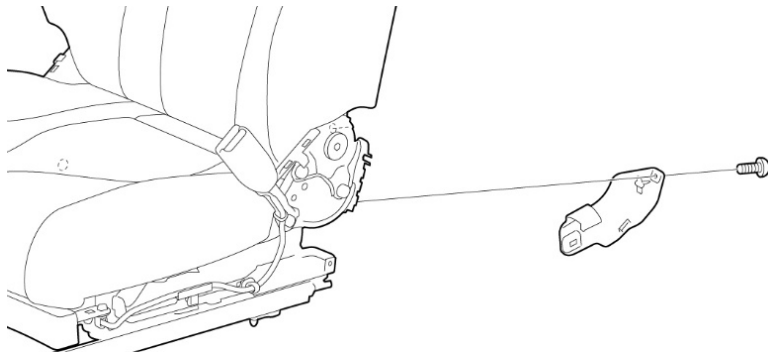


4. Remove the front passenger's seat from the vehicle and set it on a suitable and clean work surface.
5. Connectors may be different per vehicle. Take a photo of the underside connectors and harnesses for reference.

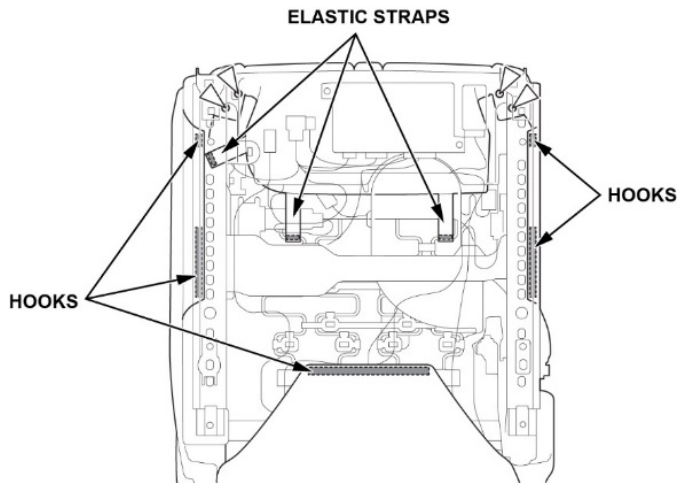
6. Remove and disconnect the following items:



7. Remove the height motor cover.

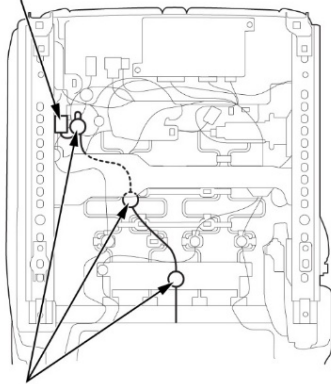


8. Remove the elastic straps and the hooks.



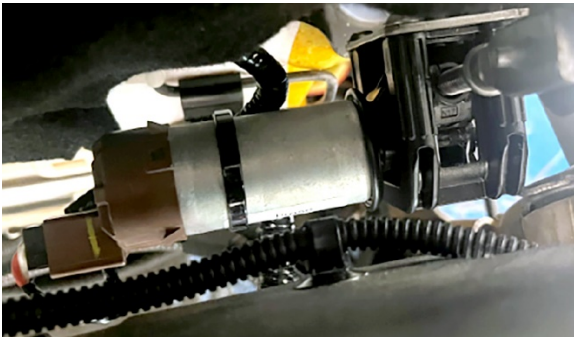
9. Disconnect the connectors and remove the harness clips.

CONNECTOR



HARNESS CLIPS

10. Disconnect the connector to the motor and cut the clip (if equipped).



11. Remove the connector and clip (if equipped).

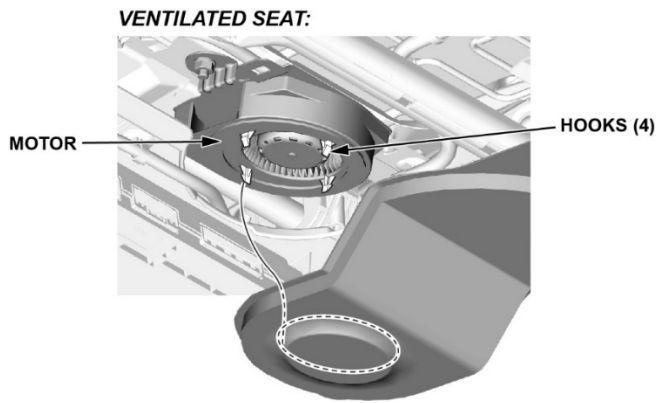


12. Remove the harness clip.

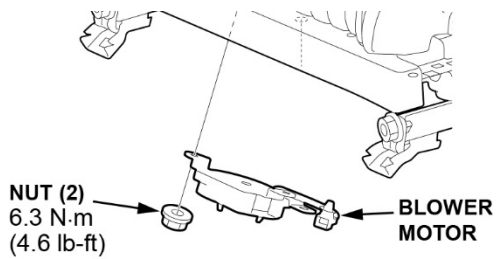
HARNESS CLIP



13. Release hooks from the ventilated seat motor (if equipped).

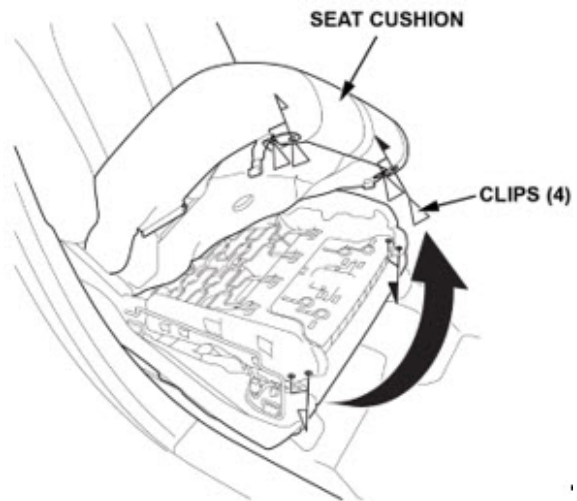
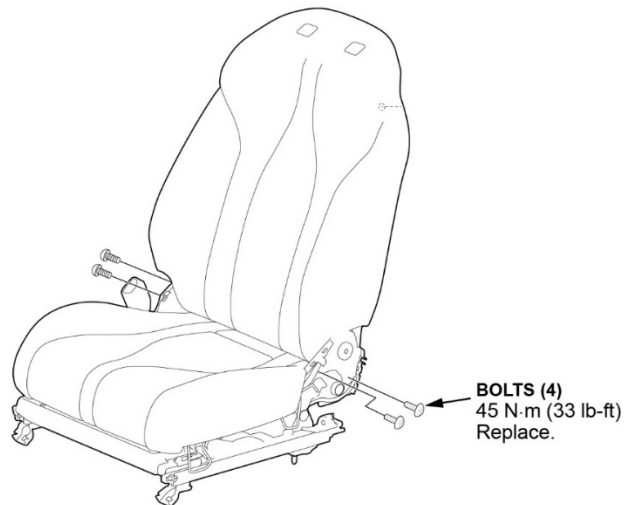


14. **If Equipped:** remove the blower motor.

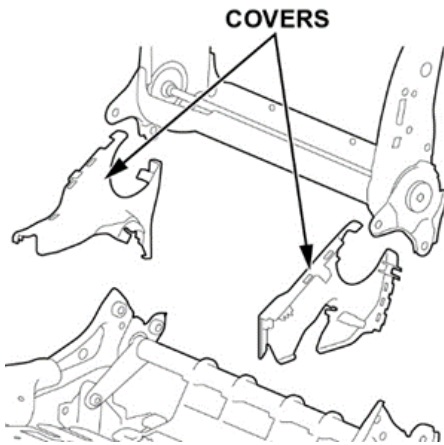


15. Lift off the seat cover and foam from the frame.

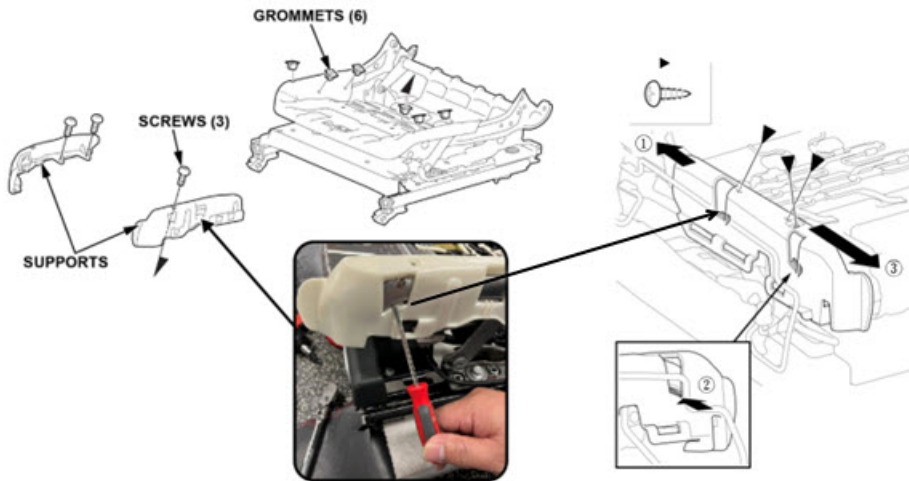
16. Remove the 4 bolts holding the seat back, and then remove the seat cushion and cover.



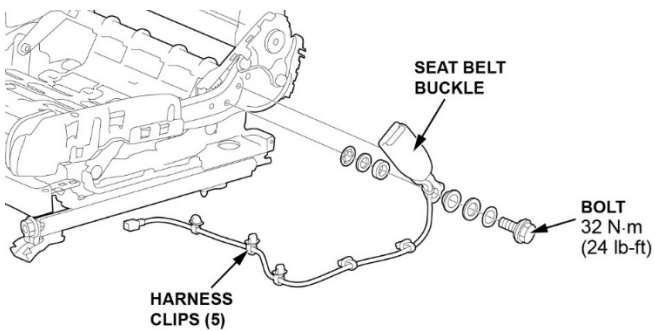
17. Remove the recline inner and outer covers.



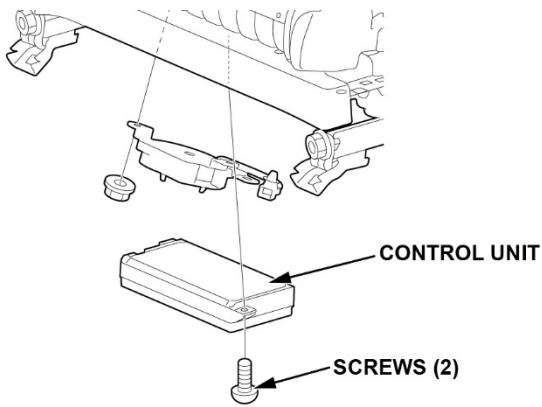
18. Remove the screws from the front passenger's seat cushion bolster cover and the 6 grommets in the seat pan.



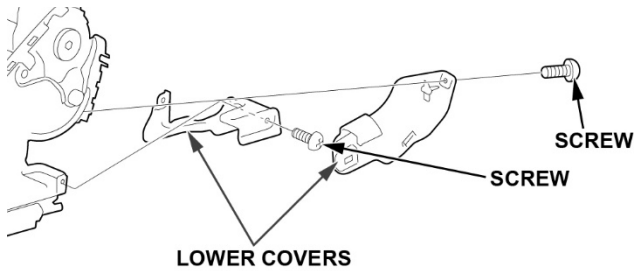
19. Remove both the seat belt buckle and harness clips.



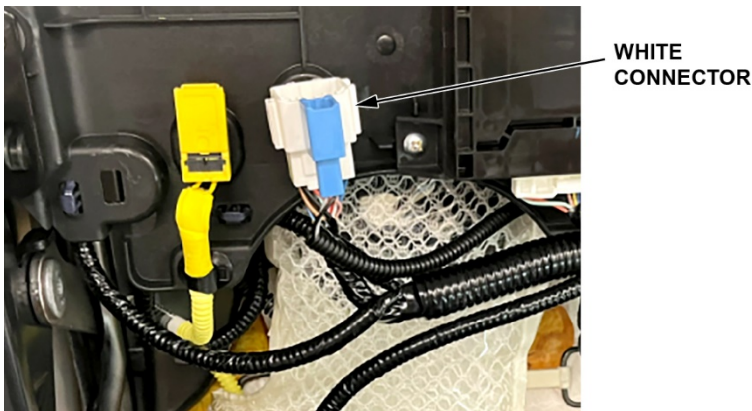
20. Remove the control unit.



21. Transfer all removed parts to the new lower seat frame, then reassemble in reverse order of removal.
NOTE: **Do not** install the two lower covers at this time.



22. Put the seat in the vehicle and connect only the white power seat connector to the floor harness.



23. Connect the negative cable of the 12-volt battery.

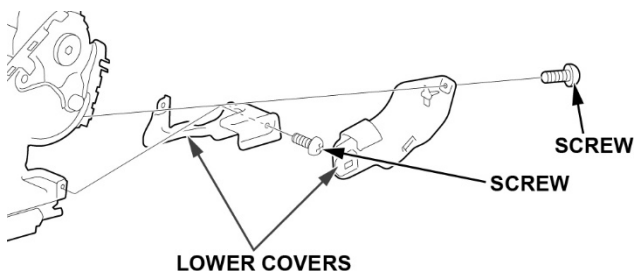
24. Raise the seat to the highest position.

25. Disconnect the battery.

26. Disconnect the white power seat connector.

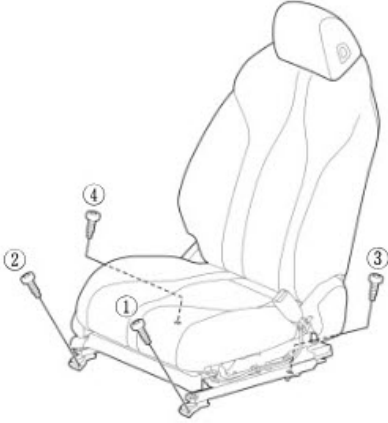
27. Remove the front passenger seat.

28. Install the upper rail inner cover and the height motor covers.



29. Install all remaining parts in the reverse order of removal.

30. Install the seat and hand tighten the bolts first, then torque them in the sequence shown **43 N·m (32 lb-ft)**.



31. Connect the terminal to the 12-volt battery. ([CLICK HERE](#)).

32. Do the *Front Passenger's Weight Sensor Initialization*. ([CLICK HERE](#))

33. Do the *Steering Angle Neutral Position*. ([CLICK HERE](#))

34. Turn the vehicle to the OFF (LOCK) mode.