

October 18, 2024

Version 3

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

Supersedes 24-041, dated July 17, 2024, to revise the information.

APPLIES TO

Year	Model	Trim Level	VIN Range
2022	Civic	ALL	Check the iN VIN status for eligibility.

REVISION SUMMARY

This service bulletin has been revised extensively; American Honda recommends reading this bulletin in its entirety.

BACKGROUND

Affected vehicles may be equipped with seat weight sensors 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 airbag, increasing the risk of injury.

CUSTOMER 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

Replace the seat weight sensors.

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 Honda automobile dealer.

WARRANTY CLAIM INFORMATION

For repairs on or after October 18, 2024, must use the warranty claim information in template IDs ending in D and E.

For inspection or repairs before October 18, 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 and DTC check).	0.8 hr	6XW00	WHI00	A24041D	81136-T20-A61
7491E5	Replace seat weight sensors – manual seat (includes seat calibration and DTC check).	0.8 hr	6XW00	WHI00	A24041E	81136-T39-A01

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 18, 2024**, must use the warranty claim information in template IDs ending in A, B, and C.

NOTE: If the INSPECTION PROCEDURE determines this Service Bulletin does not apply, use template C to submit a warranty claim for the inspection.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
8521K5	Replace manual seat slide w/seat cushion frame (includes inspect and DTC clear)	1.7 hr	6XW00	WHI00	A24041 A	81136-T39-A01
8611L0	Replace power seat slide w/seat cushion frame (includes inspect and DTC clear)	1.8 hr	6XW00	WHI00	A24041 B	81136-T20-A61
7495A1	For stored DTCs other than DTC U3000-49 and/or inspection determines this Service Bulletin does not apply.	0.3 hr	6XZ00	KIT00	A24041 C	81136-T20-A61

Skill Level: Repair Technician

PARTS INFORMATION

The seat weight sensor kits for this model are a VIN controlled part, and will require a valid VIN when ordering. Refer to the Parts Information Bulletin 24-0020, *Multi-Model Seat-Weight Sensor Safety Recall Parts Availability*, for details regarding parts availability and ordering.

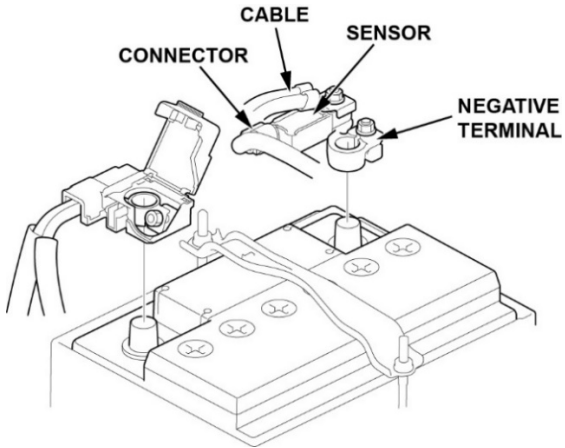
Part Name	Part Number	Quantity
Seat Weight Sensor Kit (Manual)	04945-T39-A00	1
Seat Weight Sensor Kit (Power)	04945-T20-A00	1

TOOL INFORMATION

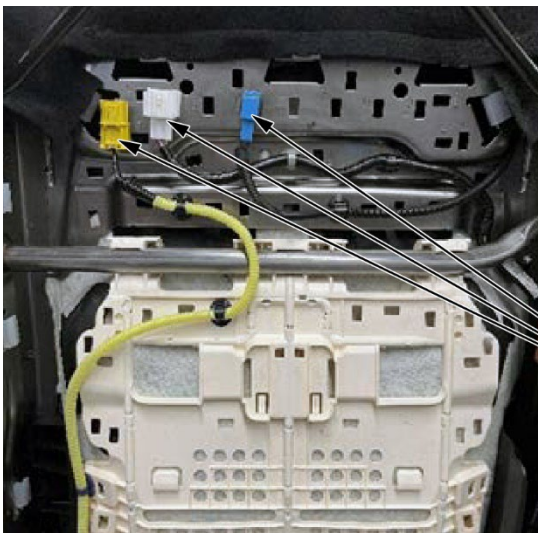
NOTE: Tools will be made available and auto-shipped to all dealers at a later date.

Tool Name	Part Number	Quantity
Snap-On Torque Wrench	07AAA-TVAA400	1
Head, Box End (12mm)	07AAA-TVAA100	1
Head, Box End (14mm)	07AAA-TVAA200	1
Head, Box End (16mm)	07AAA-TG7A300	1
SWS Guide F Fixture (Manual Seat)	07AAG-TVAA600	1
SWS Guide G Fixture (Power Seat)	07AAG-TVAA700	1

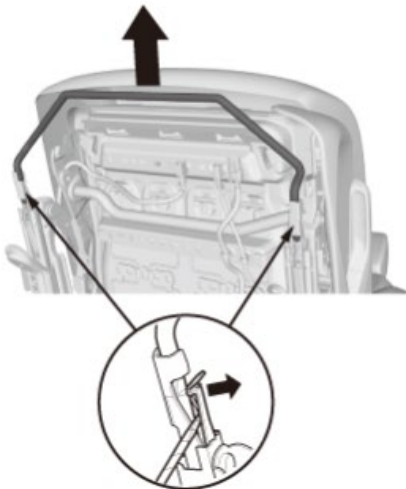
5. Disconnect the negative terminal of the 12-volt battery.
NOTE: Wait **3 minutes** before moving to the next step.



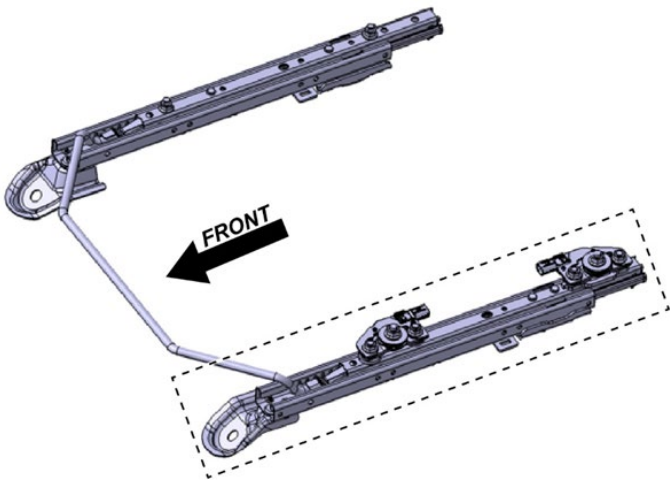
6. Tilt the seat back and disconnect the 3 connectors.



7. With the help of an assistant carefully remove the passenger seat from the vehicle and set it on a clean, flat surface.
8. Remove the seat frame lever.

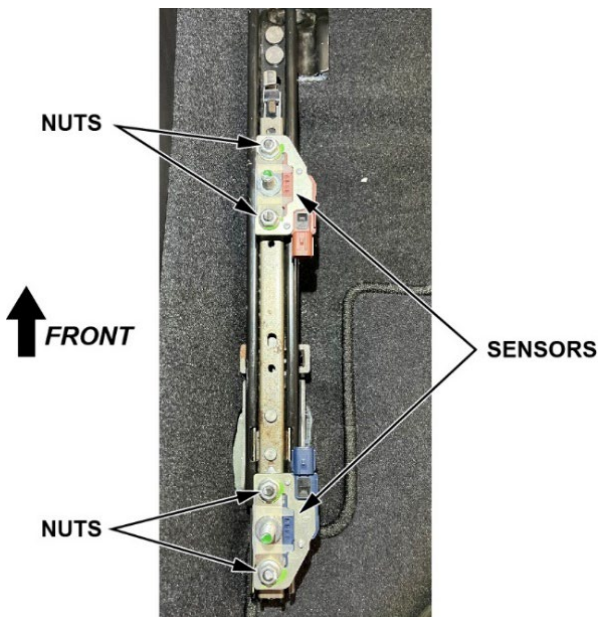


9. Remove the 2 nuts and washers that secure the inner seat rail to the seat. Discard the nuts and washers.



10. Reinstall the inner seat rail back in the vehicle using the seat rail mounting bolts. Tighten the bolts by hand first, then torque the bolts to the specified torque **43 N·m (32 lb-ft)**.

11. Remove the 4 sensor nuts and 2 seat weight sensors. Discard the nuts and sensors.



12. Loosely install the new seat weight sensors using new sensor nuts in the orientation shown.

NOTE: The new sensors have a number tag to install in the correct location.

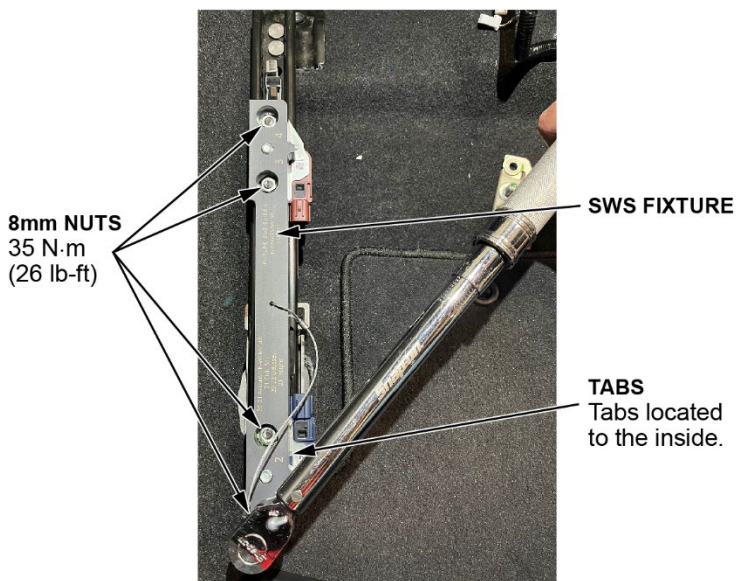
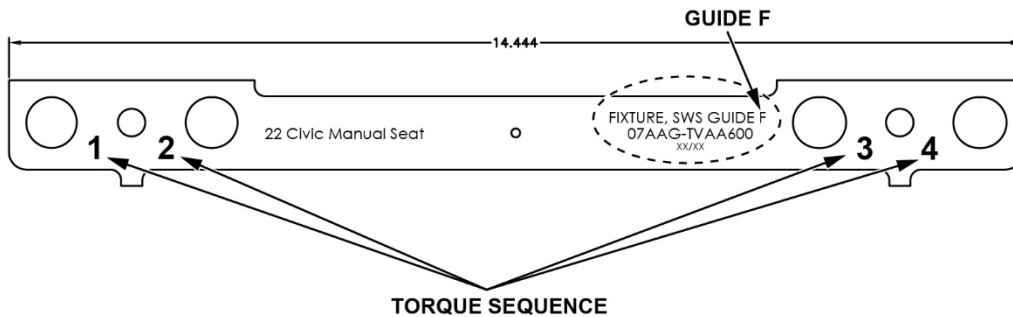
SENSOR POSITION 1
LEFT FRONT



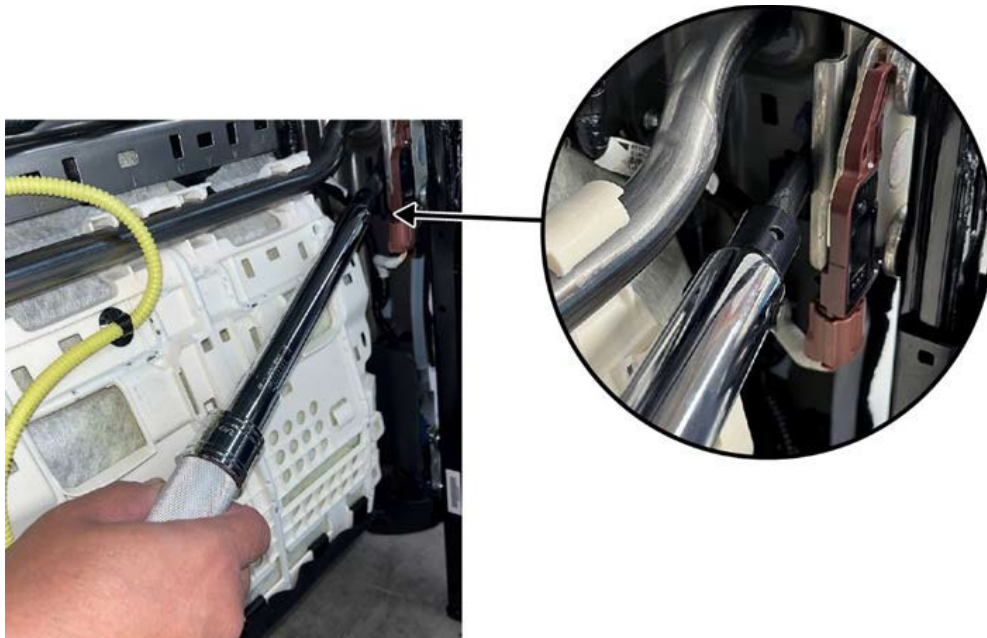
SENSOR POSITION 2
LEFT REAR



13. Place the **SWS Fixture Guide F** onto the new seat weight sensors with the tabs located to the inside of the seat rail. With the guide properly seated on the new sensors, **torque the nuts to 35 N·m (26 lb-ft) in the order shown on the SWS Fixture Guide** using the socket provided with the guide.

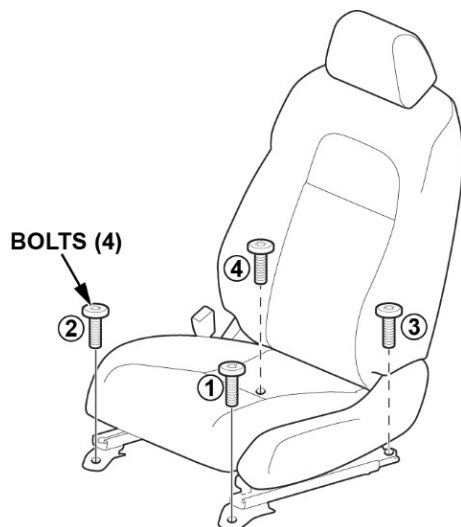


14. Remove the inner seat rail from the vehicle and mount it to the seat frame using new mounting nuts and washers.
15. Use the Snap-On Torque Wrench (P/N 07AAA-TVAA400) and box-end head and torque the nuts to the specified torque **55 N·m (41 lb-ft)**.



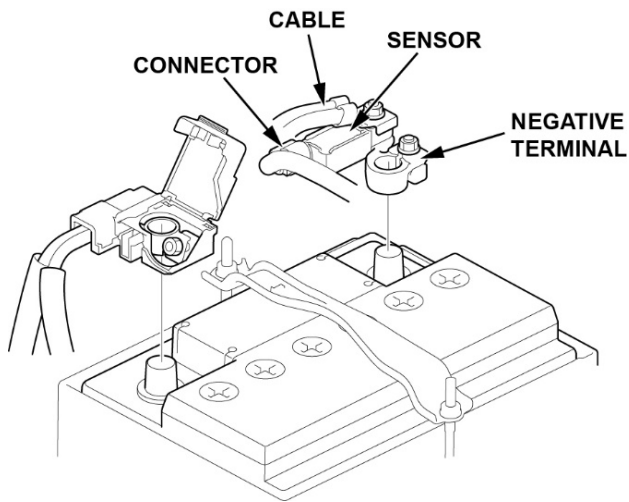
16. With the help of an assistant reinstall the seat back in the vehicle.
17. Reconnect the seat connectors and secure the wire harness.
18. Install the seat rail mounting bolts and tighten the bolts by hand first.

NOTE: Torque the bolts to the specified torque **43 N·m (32 lb-ft)** in the numbered sequence.



19. Reinstall all remaining parts in the reverse order of removal.

20. Connect the negative terminal to the 12-volt battery.



20. Do the steering neutral position learn procedure ([Click Here](#)).

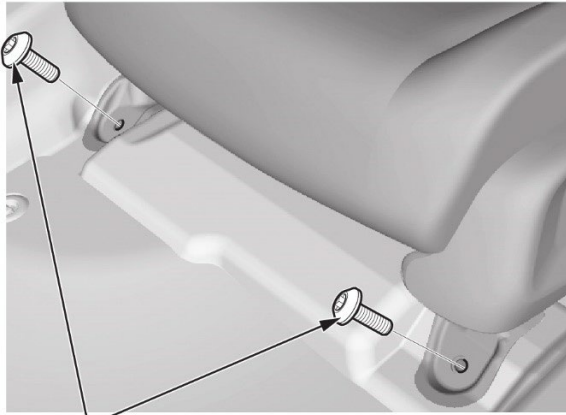
21. Do the seat weight sensor initialization ([Click Here](#)).

22. Do the front weight sensor operation check ([Click Here](#)).

23. Confirm the SRS operation: Turn the vehicle to the ON mode, check that the SRS indicator comes on for about **6 seconds** and then goes off.

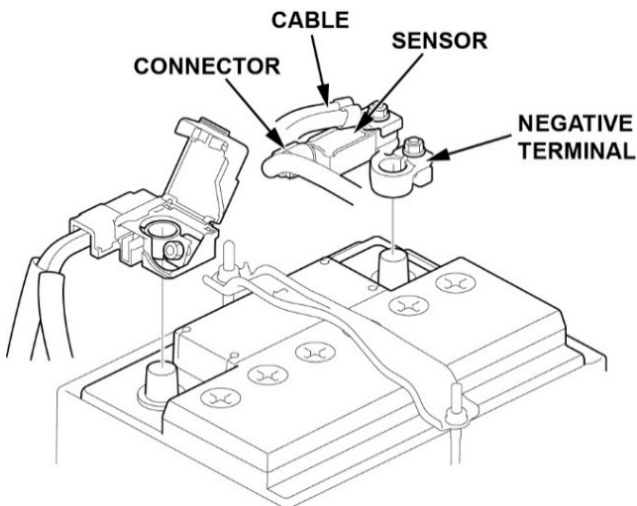
- Slide the passenger seat all the way back and remove the front mounting bolts.

FRONT SIDE



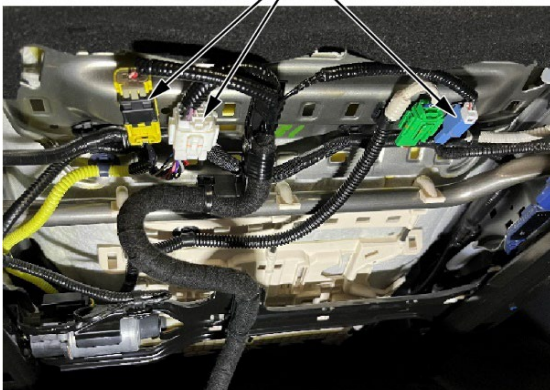
BOLTS
43 N·m
(32 lb-ft)

- Disconnect the negative terminal of the 12-volt battery.
NOTE: Wait **3 minutes** before moving to the next step.

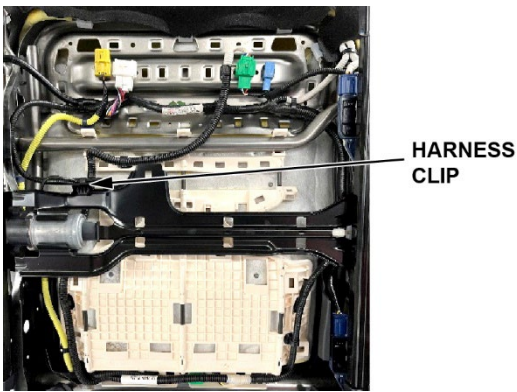


- Tilt the seat back and disconnect the 3 connectors.

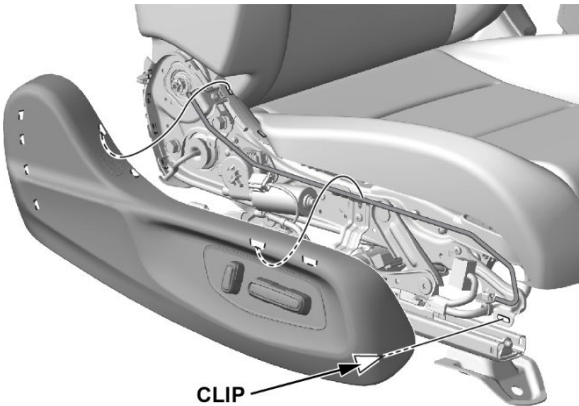
CONNECTORS
Disconnect.



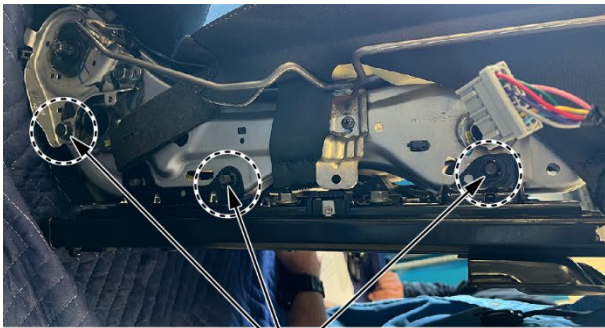
8. Carefully release the motor harness clip.



9. With the help of an assistant carefully remove the passenger seat from the vehicle and set it on a clean, flat surface.
10. Gently pull on the front edge of the outer recline cover to release the front clip.

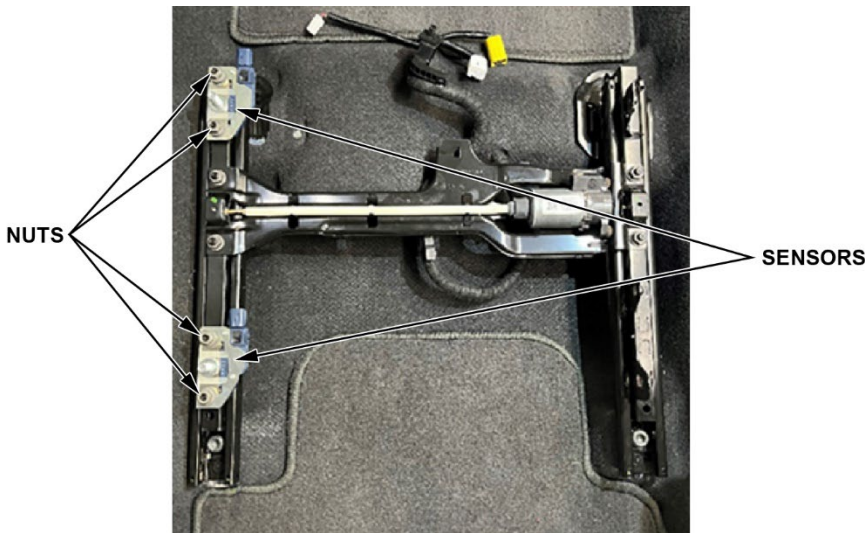


11. Remove the 3 bolts and 2 nuts and washers to separate the seat rail assembly from the seat frame. Discard the nuts and washers.



12. Reinstall the seat rail assembly back into the vehicle using the seat rail mounting bolts. Tighten the bolts by hand first, then torque to the specified torque **43 N·m (32 lb-ft)**.

13. Remove the 4 sensor nuts and 2 seat weight sensors. Discard the nuts and sensor.

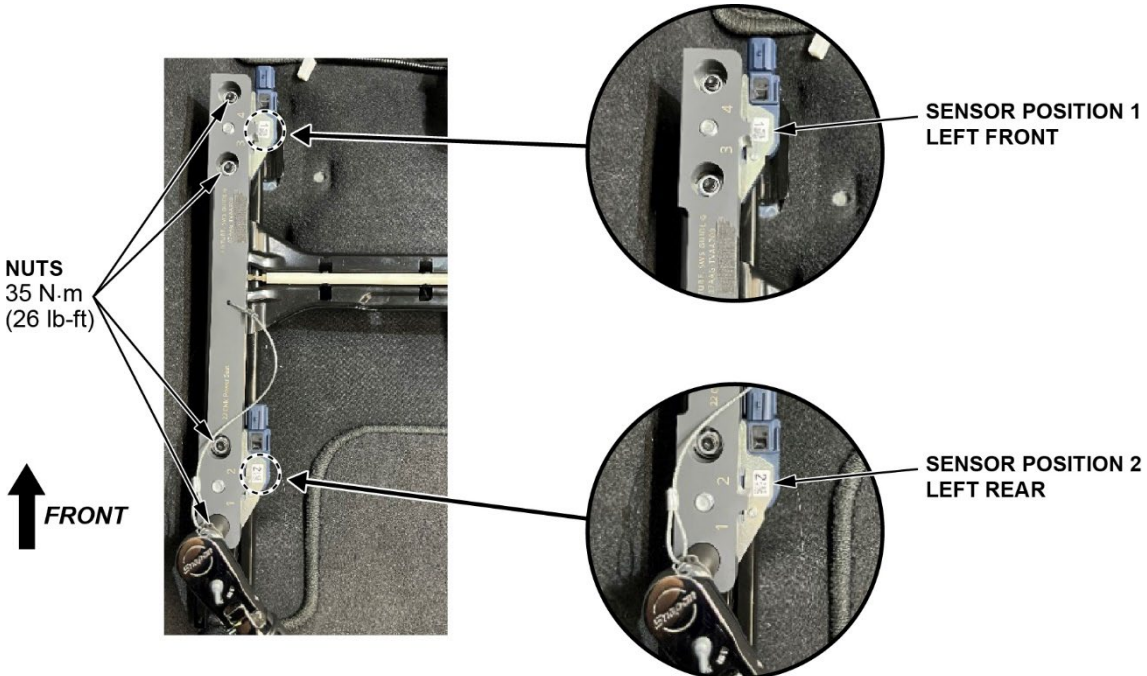
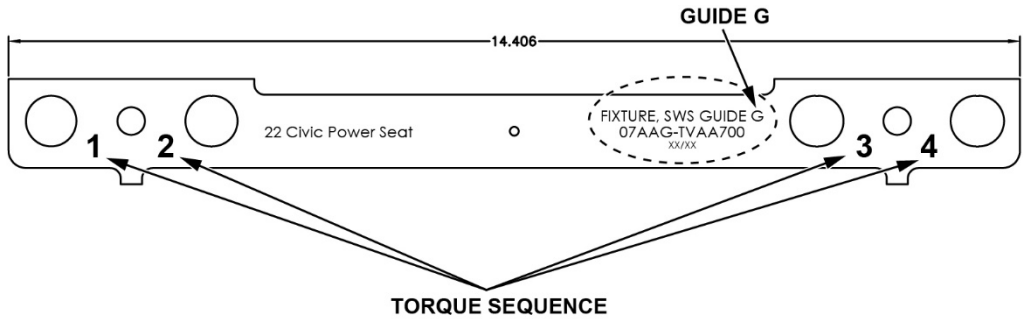


14. Loosely install the new seat weight sensors using new sensor nuts.

NOTE: The front and back seat weight sensor for the power seat model will have blue connectors.

15. Place the **SWS Fixture Guide G** onto the new seat weight sensors with the tabs located to the inside of the seat rail. With the guide properly seated on the new sensors, **torque the nuts to 35 N·m (26 lb-ft) in the order shown on the SWS Fixture Guide** using the socket provided with the guide.

NOTE: The new sensors have a number for installation in the correct location.

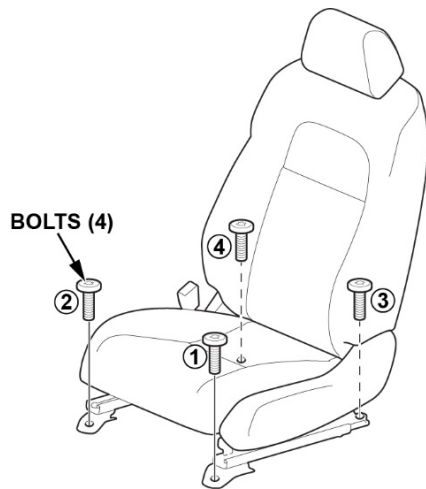


16. Remove the seat rail assembly from the vehicle.
17. Reinstall the seat rail assembly to the seat frame using new mounting nuts and washers.
18. Use the Snap-On Torque Wrench (P/N 07AAA-TVAA400) and box-end head and torque the nuts to the specified torque **55 N·m (41 lb-ft)**.



19. With the help of an assistant reinstall the seat back into the vehicle.
20. Reconnect the seat connectors and secure the wire harness.
21. Install the bolts to the seat rail and tighten the bolts by hand first.

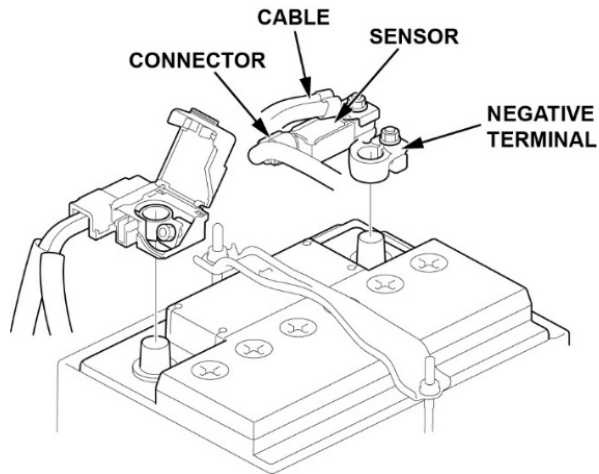
NOTE: Torque the bolts to the specified torque **43 N·m (32 lb-ft)** in the numbered sequence.



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

23. Reconnect the negative terminal to the 12-volt battery.

NOTE: To protect the 12-volt battery sensor connector from damage, **do not** hold it when installing the negative terminal.



24. Do the steering neutral position learn procedure ([Click Here](#)).

25. Do the seat weight sensor initialization ([Click Here](#)).

26. Do the front weight sensor operation check ([Click Here](#)).

27. Do the VSA sensor neutral position memorization procedure ([Click Here](#)).

28. Confirm the SRS Operation: Turn the vehicle to the ON mode, check that the SRS indicator comes on for about **6 seconds** and then goes off.