

December 19, 2025

Version 4

Safety Recall: 2020-21 Insight Seat Weight Sensor (DTC U3000-49)**Supersedes Version 3 to revise information at:**

PARTS INFORMATION update

APPLIES TO

Year	Model	Trim Level	VIN Range
2020-21	Insight	EX, LX, Touring	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.

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 client 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 7, 2024, must use the warranty claim information in template IDs ending in D and E.

For inspection or repairs before October 7, 2024 go to page 3.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7491E4	Replace seat weight sensor - power seat (includes inspect, seat calibration & DTC clear)	0.8 hr	6XW00	SHN00	A24037D	81201-TBA-A61
7491E5	Replace seat weight sensor - manual seat (includes inspect, seat calibration & DTC clear)	0.7 hr	6XW00	SHN00	A24037E	81126-TLA-C01

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 7, 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
7491E3	Replace power seat slide (includes inspect and DTC check)	1.8 hr	6XW00	SHN00	A24037A	81201-TBA-A61
8521K5	Replace manual seat frame (includes inspect and DTC clear)	1.6 hr	6XW00	SHN00	A24037B	81126-TLA-C01
7495A1	For stored DTCs other than DTC U3000-49 and/or inspection determines this Service Bulletin does not apply.	0.3 hr	6XZ00	KIT00	A24037C	81136-T20-A61

Skill Level: Repair Technician

PARTS INFORMATION

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

Refer to the Parts Information Bulletin 24-0020, Multi-model Seat-Weight Sensor Safety Recall Parts Availability, for details regarding parts availability and ordering.

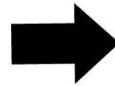
TOOL INFORMATION

NOTE: Tools will be made available and auto-shipped to all dealers.

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
Fixture, SWS Guide A	07AAG-TVAA100	1

Manual Seat

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

[illegible]

2. Remove the head restraint.
3. Slide the passenger's seat all the way forward and remove the rear seat rail mounting bolts.

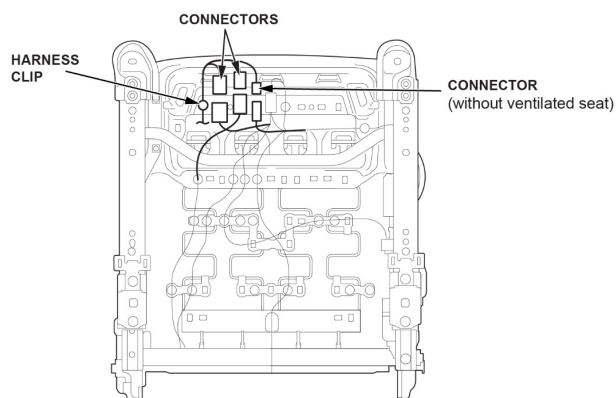
A perspective view of the bottom of the unit. Two screws are shown being removed from the base plate. Arrows point from the screws to the text 'Remove the screws from the bottom of the unit.' in the adjacent text block.

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

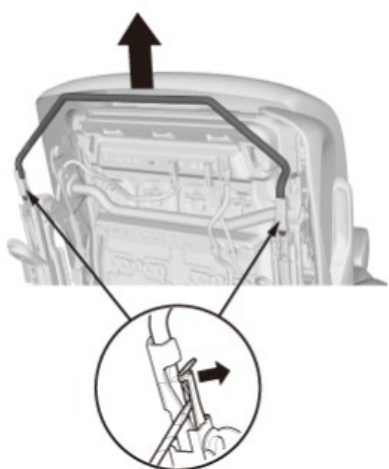
BOLTS
43 N·m
(32 lb-ft)

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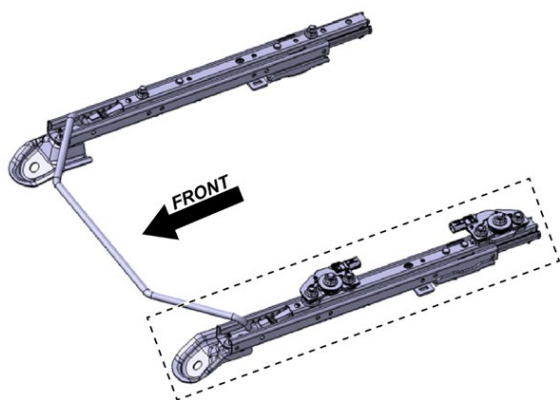
7. Tilt the front seat back, disconnect the connectors and detach the harness clip.



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

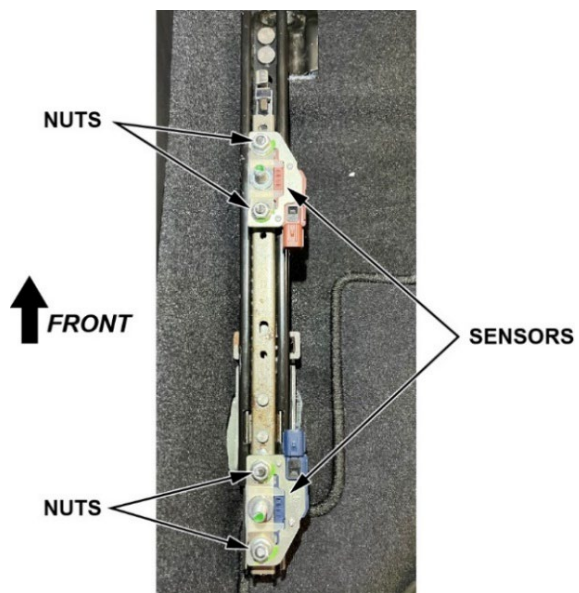


10. Remove the 2 nuts and 2 spacers that secure the inner seat rail to the seat. Save the colored bushing and collars to reuse. Discard the nuts and spacers.



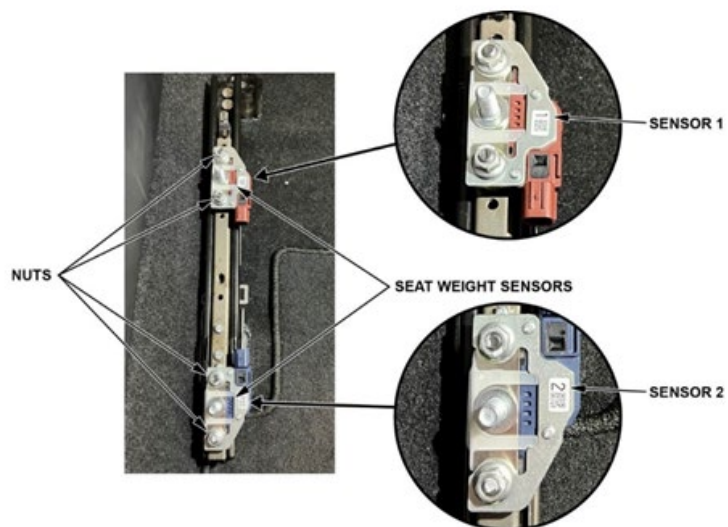
11. Reinstall the inner seat rail in the vehicle using the seat rail mounting bolts. Tighten the bolts by hand first, then torque the bolts to the specified torque **43 N·m (32 lb-ft)**.

12. Remove the 4 nuts and the 2 seat weight sensors. Discard the nuts and sensors.



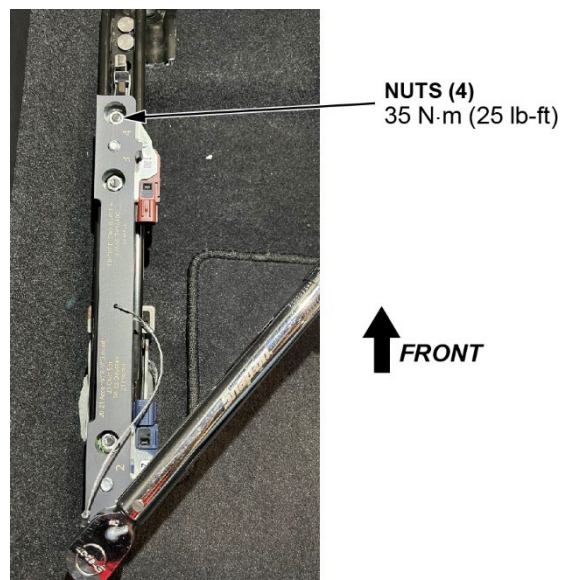
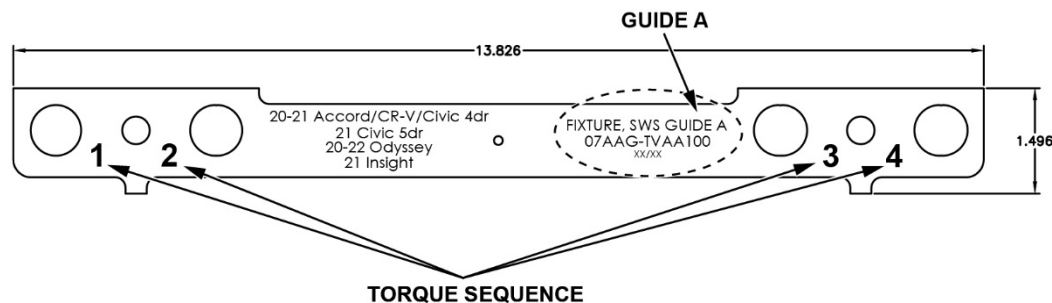
13. Loosely install the new sensors using new sensor nuts in the orientation shown.

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



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

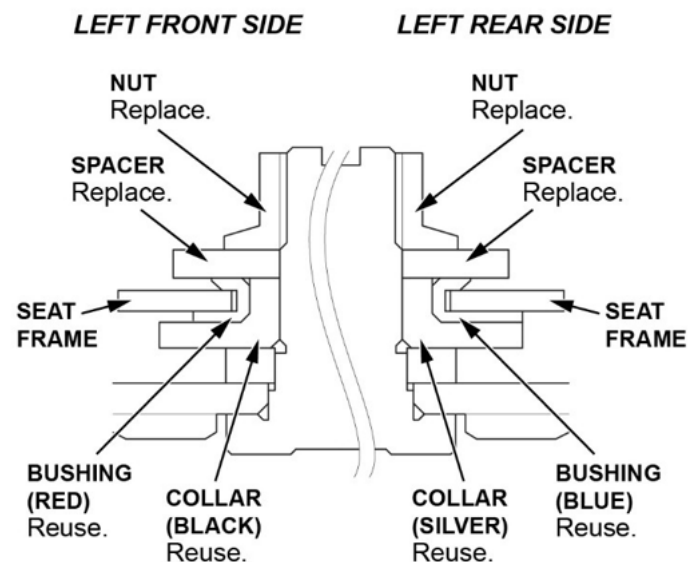
NOTE: Use the socket provided with the guide.



15. Remove the inner seat rail from the vehicle.
16. Reinstall the seat rail to the seat using new mounting nuts and spacers. Reuse the colored bushings and collars.

NOTE:

- The bushings and collars can be identified by their color.
- Make sure to install the bushing and collars as shown.

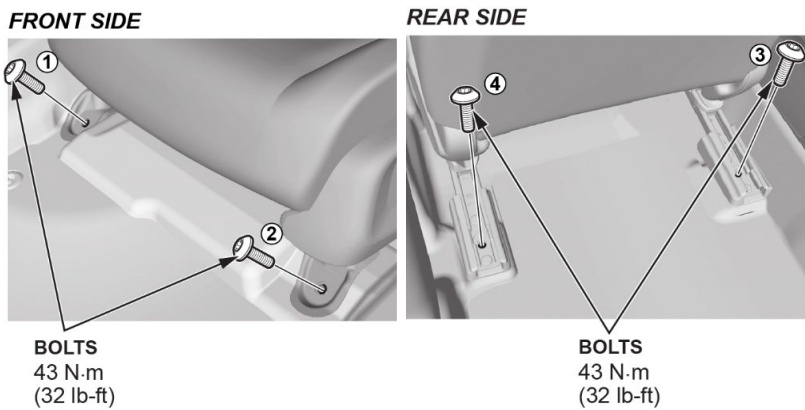


17. Use the Snap-On Torque Wrench (07AAA-TVAA400) and box-end head and torque the nuts to the specified torque **55 N·m (41 lb-ft)**.



18. Reinstall the seat frame lever.
19. With the help of an assistant reinstall the seat into the vehicle.
20. Reconnect the seat connectors and secure the harness clip.
21. Install the seat rail mounting bolts to the passenger seat, tighten the bolts by hand first.

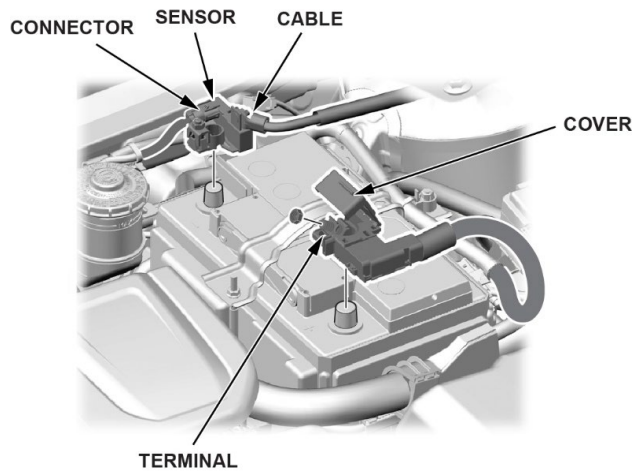
NOTE: Torque the bolts to the specified torque **43 N·m (32 lb-ft)** in the numbered sequence shown.



22. Connect the negative cable and the 12-volt battery sensor to the 12-volt battery.

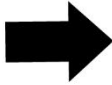
NOTE: To protect the 12-volt battery sensor connector from damage, do not hold it when installing the negative terminal.

2.0L ENGINE

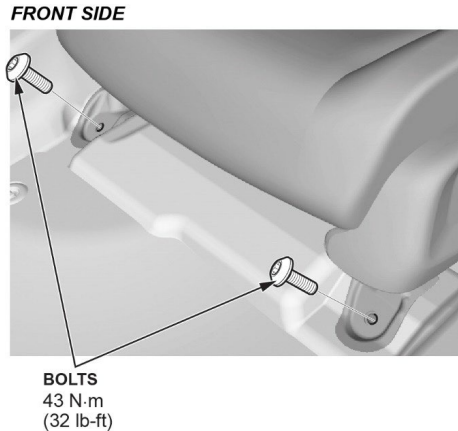


23. Do the seat weight sensor initialization [\(Click Here\)](#).
24. Front Passenger's Weight Sensor Operation Check [\(Click Here\)](#).
25. Confirm SRS operation: Turn the vehicle to the ON mode, check that the SRS indicator comes on for about **6 seconds** and then goes off.
26. Do the steering angle neutral position learn using the i-HDS [\(Click Here\)](#).

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

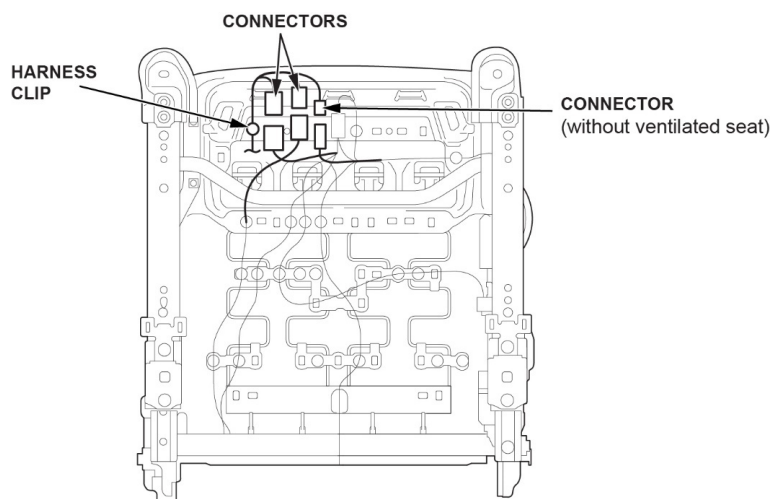
[illegible]

2. Remove the head restraint.
3. Slide the passenger's seat all the way forward and remove the rear seat rail mounting bolts.



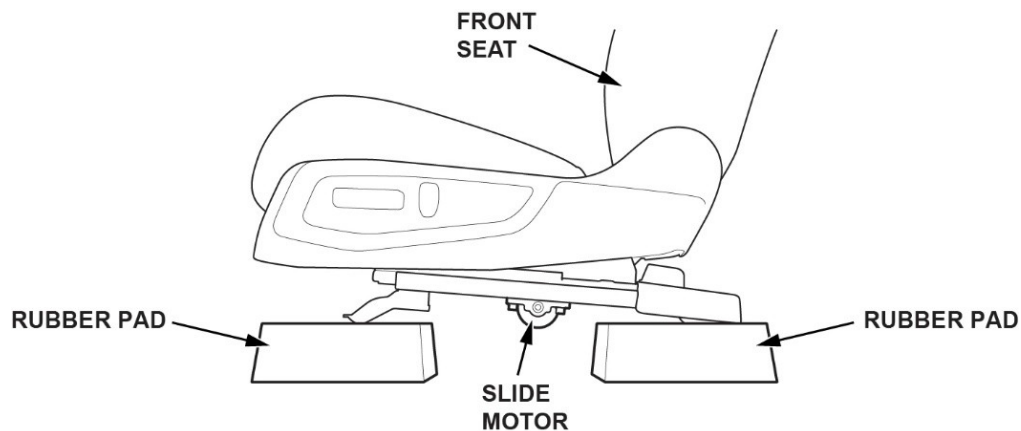
- Set the passenger seat cushion to the full tilt-up position.
- Remove the center console side panel and disconnect the negative terminal of the 12-volt battery. ([Click Here](#)).

7. Tilt the front seatback, disconnect the connectors and detach the harness clip.



8. With the help of an assistant, carefully remove the front passenger seat and place it on a clean, flat surface.

NOTE: Use rubber pads to support the front seat, take care not to damage the slide motor.



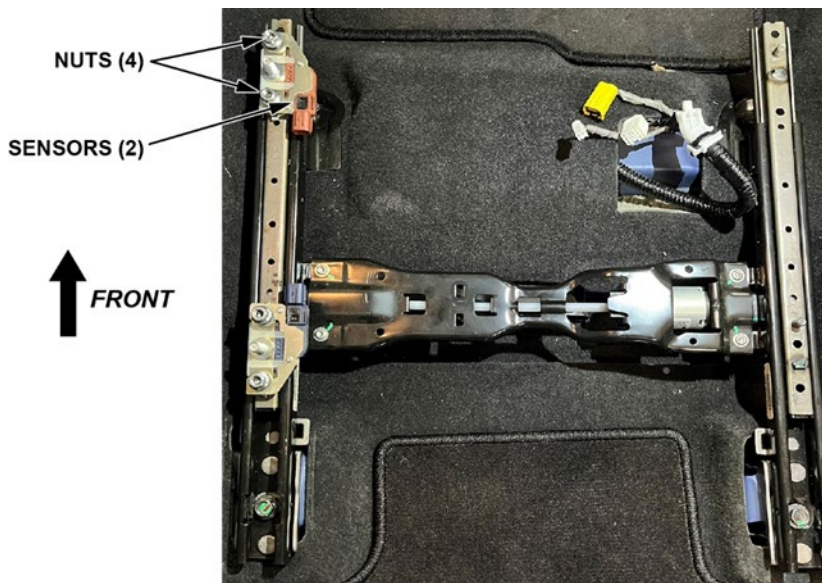
9. Take a photo of the harness arrangement underneath the seat for reference, before disconnecting any of the remaining connectors or harness clips.



10. Remove the 4 nuts and spacers attaching the seat rail assembly to the seat frame. Remove the seat rail as an assembly. Discard the nuts and spacers.



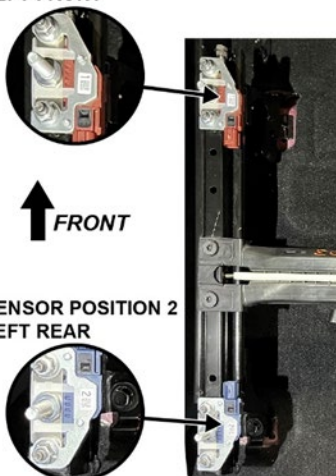
11. Install the seat rail assembly in the vehicle using the seat rail mounting bolts. Tighten the bolts by hand first, then torque the bolts to **43 N·m (32 lb-ft)**.
12. Remove the 4 sensor nuts and 2 seat weight sensors. Discard the nuts and sensors.



13. Loosely install the new sensors using new sensor nuts in the orientation shown.

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

**SENSOR POSITION 1
LEFT FRONT**

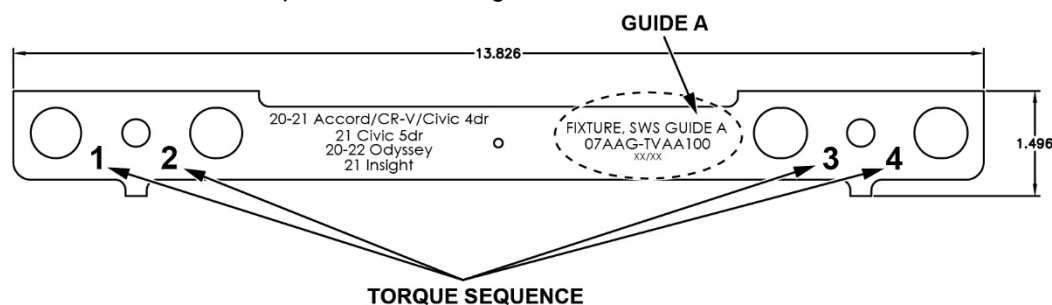


**SENSOR POSITION 2
LEFT REAR**



14. Place the **SWS Fixture Guide A** onto the new seat weight sensors with the tabs located to the inside of the seat track. With the guide properly seated on the sensors, **torque the 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

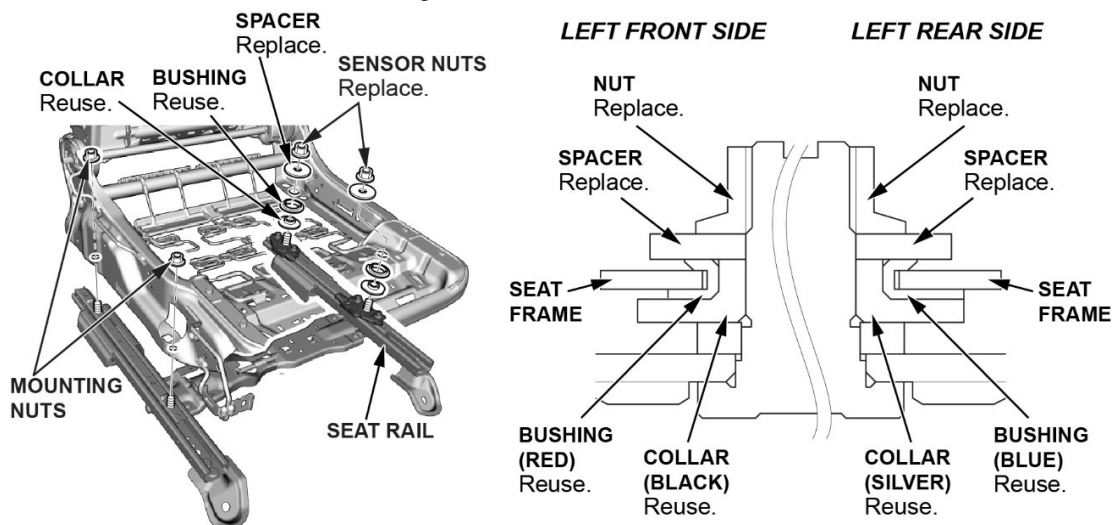
TABS
Tabs located
to the inside.

15. Remove the seat rail assembly from the vehicle.

16. Reinstall the seat rail assembly to the seat frame using new mounting nuts and spacers. Reuse the colored bushings and collars.

NOTE:

- The bushings and collars can be identified by their color.
- Make sure to install the bushing and collars as shown.



17. Use the Snap-On Torque Wrench (07AAA-TVAA400) and box-end head and torque the nuts to the specified torque **55 N·m (41 lb-ft)**.



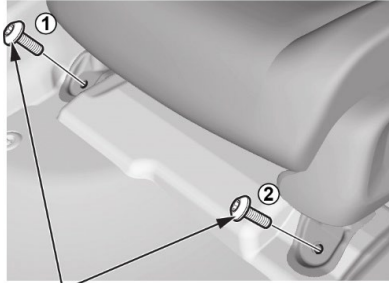
18. With the help of an assistant, reinstall the seat into the vehicle.

19. Reconnect the seat connectors and secure the harness clip.

20. Install the seat rail mounting bolts to the passenger seat, tighten the bolts by hand first.

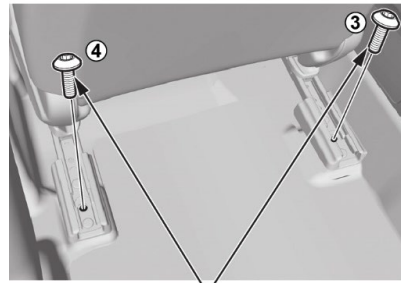
NOTE: Torque the bolts to the specified torque **43 N·m (32 lb-ft)** in the numbered sequence shown.

FRONT SIDE



BOLTS
43 N·m
(32 lb-ft)

REAR SIDE

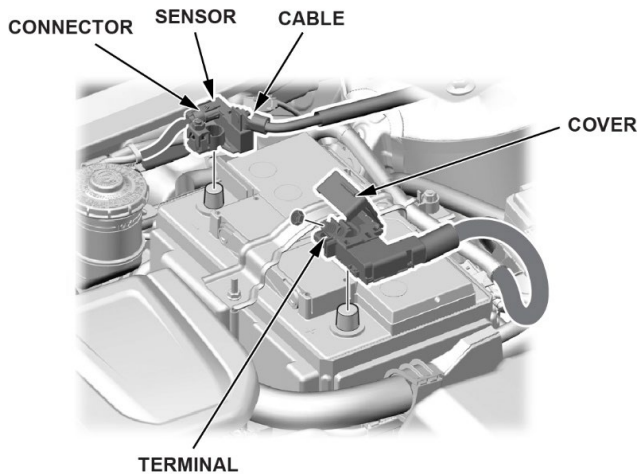


BOLTS
43 N·m
(32 lb-ft)

21. Reconnect the negative cable and the 12-volt battery sensor 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.

2.0L ENGINE



22. Do the seat weight sensor initialization ([Click Here](#)).
23. Front Passenger's Weight Sensor Operation Check ([Click Here](#)).

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

24. Do the steering angle neutral position learn using the i-HDS ([Click Here](#)).