

**May 2, 2023**

Version 1

## Safety Recall: 2007–11 CR-V Rear Frame Brace

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2007–11	CR-V	ALL	Check the iN VIN status for eligibility.

### BACKGROUND

In salt belt states where de-icing agents are used to maintain the roadway, the de-icing agents, along with mud and dirt, could enter the rear frame through the rear frame drainage points. This de-icing mixture can accumulate along the rear frame, where it connects to the rear suspension trailing arm. Over time, accumulated de-icing agents/mud/dirt mixture may cause internal corrosion. As a result of this condition, the rear suspension trailing arm may detach/separate while driving, increasing the risk of a crash.

### 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

Install the trailing arm holder kit.

### PARTS INFORMATION

Part Name	Part Number	Quantity
Trailing Arm Holder Kit	06730-SWA-325	1

**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.

## TOOLS INFORMATION

Part Name	Part Number	Quantity
3/8" X 3/4" Drill Guide	07AAG-SWAA200	1

This tool has been auto-shipped to dealers in the salt-belt states. It is available to dealers outside of the salt-belt states through the normal parts ordering process.

## REQUIRED MATERIALS

Part Name	Part Number	Quantity
3/8" HSS Drill Bit (One drill bit repairs 7 vehicles).	07AAH-SWAA100	1

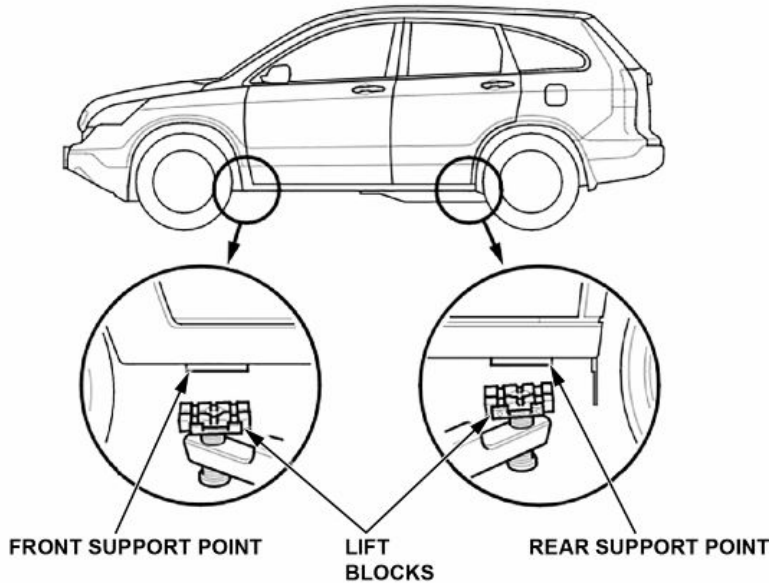
NOTE: Available through the normal parts ordering process.

## WARRANTY CLAIM INFORMATION

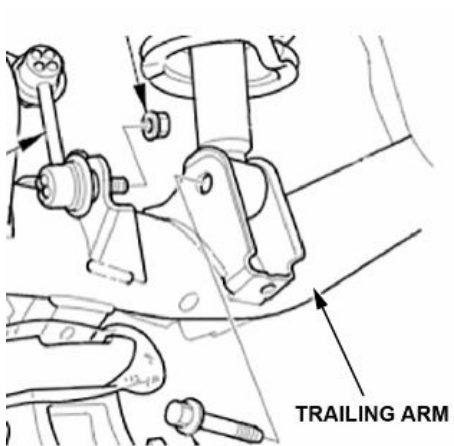
Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
4185A1	Inspect the rear suspension (includes video clip).	0.5 hr	6RA00	UE300	A23032A	52370-SWA-A01
4181E5	Install the trailing arm holder kit (includes inspection).	0.8 hr	6RA00	UE300	A23032B	52370-SWA-A01

## REPAIR PROCEDURE

1. Put the vehicle on a lift.
2. Position the lift blocks under the vehicle's front support points and rear support points.



3. Raise the lift a few inches, and rock the vehicle gently to be sure it is firmly supported.
4. Raise the lift to its full height and inspect the vehicle support points for solid contact with the lift blocks.
5. Remove both rear wheels.
6. Place an under-hoist stand under the trailing arm for support.



7. Using an impact gun, attempt to remove the trailing arm front mounting bolt.

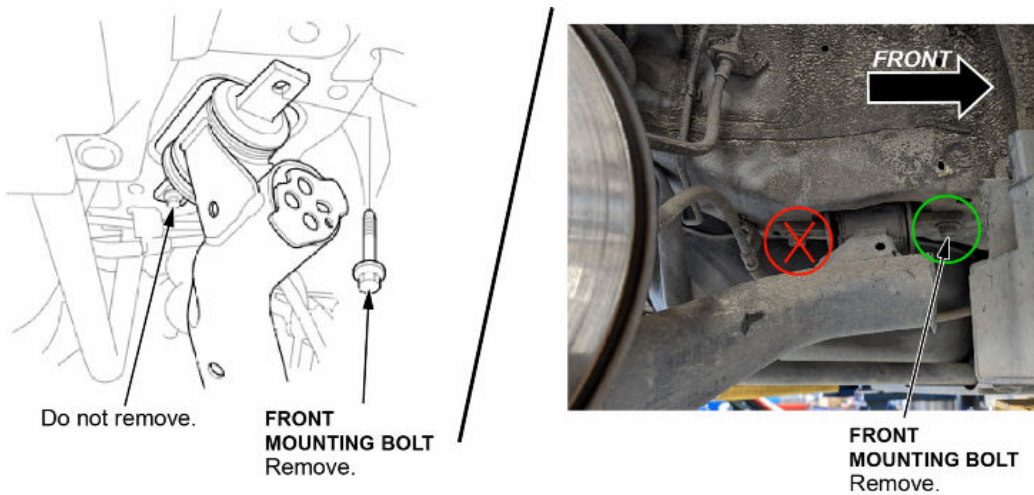
NOTE:

- **No punch testing is required.** Any perforation noted near the trailing arm mounts is not a concern; the trailing arm is supported by the inner upper frame structure. **Do not remove the trailing arm rear bolt.**
- If both the front and rear trailing arm bolts are removed, wheel alignment is required.
- If the bolt does not loosen after attempting to use more force (i. e., higher torque impact gun, breaker bar) install the wheels and contact Tech Line to create a case.
- If the trailing arm front mounting bolt spins freely without being removed, install the wheels and contact Tech Line to create a case.

NOTE: Be prepared to provide Tech Line with an image of the VIN plate, odometer, and an email that includes a video (20Mb max) of the damaged bolt spinning freely or frozen that cannot be removed.

- If you were able to remove the trailing arm front mounting bolt, install and torque the trailing arm bolt **115 N.m (85 lb-ft)** and continue to Step 8.

NOTE: Do not use an air or electric powered impact gun to tighten the trailing arm front bolt.



8. Repeat steps 6 and 7 on the opposite side of the vehicle.

Was the other side trailing arm front mounting bolt removed successfully?

- If the trailing arm front mounting bolt spins freely without being removed, re-install the wheels and contact Tech Line to create a case.

NOTE: Be prepared to provide Tech Line with an image of the VIN plate, odometer and an email that includes a video (20Mb max) of the damaged bolt spinning freely or frozen that cannot be removed.

- If you were able to remove the trailing arm front mounting bolt, continue to Step 9.

9. From the trailing arm holder kit, install the bolt guide wire around the threads of the 10x62 bolt. Then, insert into the frame insert washer.

NOTE: Make sure the engraving THIS SIDE UP on the washer is facing up.

**BOLT GUIDE WIRE**



Pay close attention to the marking "THIS SIDE UP" on the frame insert.

**FRAME INSERT WASHER**

NOTE: Due to an excessive layer of protected zinc (galvanized bolt), the **10mm** nut is difficult to hand tighten. Before installing the guide wire clean the bolt threads. Use a **10mm x 1.25mm** machine thread die or, if a tool is not available, use a socket or wrench to move the **10mm** nut up and down the bolt (10x62) until the bolt and nut can be hand-tightened.



**10mm x 1.25  
MACHINE THREAD DIE**



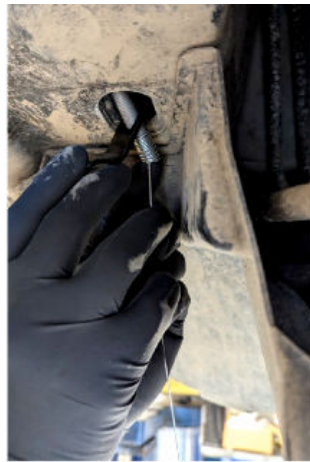
**10mm NUT POSITION**



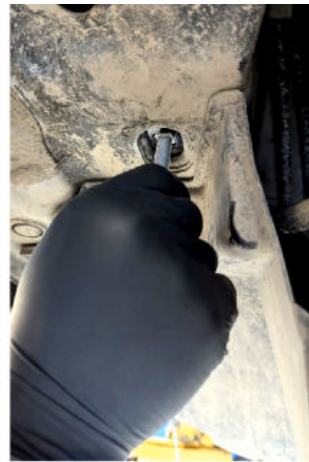
10. Insert the assembled bolt with guide wire and frame insert washer into the underbody opening.



Insert the head of the bolt through the drain hole.



Keep one hand on the guide wire while using the other hand to push the frame insert washer through the drain hole.



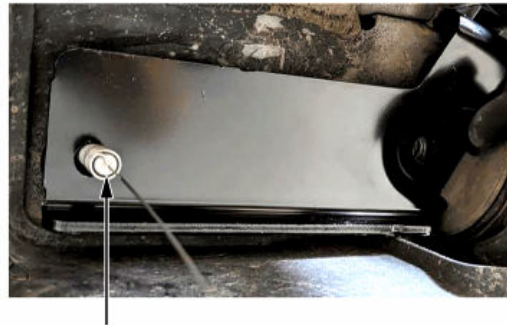
Align the squares of the bolt and the frame insert washer. (Keep bolt guide connected to the bolt.)

11. Line up the brace.

**WHEEL WELL VIEW**



**FRONT**  
←



Bolt guide wire and bolt will be seen here.

12. Loosely install the rear trailing arm bolt (do not torque to spec).

**FRONT**  
←



**REAR TRAILING ARM BOLT**  
Do not torque to specification.

13. From the underside, remove the bolt guide wire and hand-tighten the **10mm** nut. Use a downward force on the bolt (10x62) until it is loosely tightened.



14. Before tightening the underbody bolts, make sure that the brace is sitting flush against the wheel well in both directions as shown below.



15. Once the brace is positioned against the wheel well, torque both the rear brace bolt to **38 N.m (28 lb-ft)** and the trailing arm bolt to **115 N.m (85 lb-ft)**.



16. From the wheel well side, place the drill guide into one of the brace openings and use the **3/8 bit** to drill into the wheel-well body. Drill both holes.
- Use a vacuum to remove any metal shavings.
  - Apply touch-up paint around both drilled holes to prevent any new corrosion to the body.

**DRILL GUIDE**



17. Align the support bracket with the two bolts from the brace and place into the body. Then install the two **8mm nuts**, and torque them to **21 N.m (15.5 lb-ft)**.



Align bracket with flange facing towards the front of the vehicle, over the two brace studs, then install the two bracket bolts.



**8 mm NUTS**  
21 N·m (15.5 lb-ft)  
Tighten.

18. Repeat steps 9 through 17 on the opposite side of the vehicle.
19. Install the tires and lower the vehicle.

END