



# RRC-72-23-001-1: Inspect and Replace 1st Row RH Seat Belt Automatic Locking Retractor Sensor

Rivian has decided that certain model year 2022 Rivian R1S and R1T vehicles fail to conform with Federal Motor Vehicle Safety Standard No. 208 "Occupant Crash Protection". If a passenger is seated in the front passenger seat and the seat belt automatic locking retractor is reporting "on" incorrectly, the passenger air bag may not deploy as intended. In the event of a crash which is supposed to deploy the front passenger air bag, the occupant may have an increased risk of injury due to a reduced deployment or lack of deployment. Pursuant to its recall determination, Rivian will inspect and replace, if necessary, passenger seat belt system components in certain model year 2022 R1S and R1T vehicles.

<b>Document Type</b>	Safety Recall Bulletin
<b>Date</b>	February 28, 2023
<b>Affected Region(s)</b>	USA
<b>Affected Model(s)</b>	R1T, R1S
<b>Model Year(s)</b>	2022
<b>Approximate Build Dates</b>	September 2021 - September 2022
 Refer to the FSA Dashboard to determine if this document applies to a specific vehicle.	
<b>Vehicle System</b>	72 - Occupant Protection
<b>Minimum Service Location</b>	Mobile

## Potentially Required Parts


Part Number	Quantity	Engineering Name	Service Name/Notes
PT00954708-A	1	SEAT_BELT_ALR_SENSOR	Sensor and Harness, Automatic Locking Retractor, 1st Row Seat Belt, RH

 **Attention:** The parts listed in this table are only for unique steps that are called out in this bulletin. Some sections of this bulletin might refer to Service Manual procedures which require additional parts. Always review the bulletin and all potentially related Service Manual procedures before ordering parts and beginning work.

## Inspection

This inspection requires performing a functional check using either the front center display or RiDE. If available, use the front center display.

1. Using the front center display or RiDE: Navigate to the ALR functional check screen.

 **Note:** If using RiDE, use the [RRC7223001](#) procedure.

2. Pull out the 1st row RH seat belt approximately 125 mm (5 inches), then let it return to its fully retracted position. Make sure there is no clicking and that the seat belt moves freely.

3. Make sure that the seat belt is fully retracted. On the ALR functional check screen: Check the ALR status:
  - If the ALR is on: Skip to the [Replacement](#) section.
  - If the ALR is off: Continue to the next step.
4. Fully extend the seat belt, then allow it to retract slightly until there is an audible clicking noise. Hold the seat belt in this position during the next step.
5. On the ALR functional check screen: Check the ALR status:
  - If the ALR is on: Continue to the next step.
  - If the ALR is off: Skip to the [Replacement](#) section.
6. Allow the seat belt to fully retract.
7. Pull the seat belt out approximately 125 mm (5 inches), then let it return to its fully retracted position. Make sure there is no clicking and that the seat belt moves freely.
8. Make sure that the seat belt is fully retracted. On the ALR functional check screen: Check the ALR status:
  - If the ALR is on: Continue to the [Replacement](#) section.
  - If the ALR is off: No additional work is required.

## Replacement

1. Replace: Sensor and Harness, Automatic Locking Retractor, 1st Row Seat Belt, RH (refer to service manual procedure 727025110).
2. Repeat the [Inspection](#) section.
  - If the inspection passes: No additional work is required. Reinstall all components that were removed for access.
  - If the inspection fails: Escalate for diagnostic assistance.

## Labor Codes

Labor Code	Description
RRC722300100	RRC-72-23-001 not applicable
RRC722300101	Inspect 1st row RH seat belt automatic locking retractor sensor; replacement not required
RRC722300102	Inspect and replace 1st row RH seat belt automatic locking retractor sensor
<i>Contact <a href="mailto:ServiceDocumentFeedback@rivian.com">ServiceDocumentFeedback@rivian.com</a> regarding labor codes and document content.</i>	