



# RRC-82-23-001-1: Replace Backup Lamps Due to Regulatory Visibility Requirements

Rivian has decided that certain model year 2022-2023 R1S vehicles may have been built with backup lamps that may not comply with regulatory visibility requirements. When the vehicle is in reverse, the back-up lamps will illuminate. However, the optical center may not be visible from the specified planes. Though this noncompliance may affect visibility and potentially increase the risk of a crash, the vehicle will make reverse operating sounds which will be noticeable to pedestrians and as required by FMVSS 141, Minimum Sound Requirements for Hybrid and Electric Vehicles. Additionally, sensors and backup cameras will detect objects in close proximity to the rear, providing visibility to the rear and triggering visual and audible alerts to the driver as required by FMVSS 111, Rear visibility. Pursuant to its recall determination, Rivian will replace the LH and RH backup lamps.

|   |                            |
|---|----------------------------|
| <b>Document Type</b>  | Safety Recall Bulletin     |
| <b>Date</b>   | July 11, 2023              |
| <b>Affected Region(s)</b>   | USA, Canada                |
| <b>Affected Model(s)</b>  | R1S                        |
| <b>Model Year(s)</b>  | 2022 - 2023                |
| <b>Approximate Build Dates</b>  | November 2021 - March 2023 |
|  Refer to <b>Open Containments</b> in ServiceOS to determine if this document applies to a specific vehicle. |                            |
| <b>Vehicle System</b>   | 82 - Lighting              |
| <b>Minimum Service Location</b>   | Mobile                     |

## Required Parts

| Part Number  | Quantity | Engineering Name              | Service Name/Notes               |
|--------------|----------|-------------------------------|----------------------------------|
| PT00986228-C | 1        | REFLEX FOG REVERSE LAMP RR LH | Reflector/Lamp, Reverse, Fog, LH |
| PT00986229-C | 1        | REFLEX FOG REVERSE LAMP RR RH | Reflector/Lamp, Reverse, Fog, 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.

## Procedure

1. On both sides: Replace: Reflector/Lamp, Reverse, Fog (refer to service manual procedure 821024010).
2. Reinstall all components that were removed for access and replace all non-reusable components. Refer to the service manual procedures referenced in this document for additional component reusability information and torque specifications.

## Labor Codes

| Labor Code  | Description                    |
|---|--------------------------------|
| RRC822300100  | RRC-82-23-001 not applicable   |
| RRC822300101  | Replace LH and RH backup lamps |
| <i>Contact <a href="mailto:ServiceDocumentFeedback@rivian.com">ServiceDocumentFeedback@rivian.com</a> regarding labor codes and document content.</i> |                                |