

# SAFETY RECALL NOTICE



ADVENTURE BY DESIGN

10101 Science Drive  
Sturtevant, Wisconsin 53177  
USA

[www.brp.com](http://www.brp.com)

**October 31, 2022**

## **Re: Front Fenders Electrical Harnesses May Be Loose - Potential Loss of Power**

Dear BRP Dealer/Distributor,

This notice is sent to you in accordance with the requirements of the *Motor Vehicle Safety Act* (Canada), the National Traffic and Motor Vehicle Safety Act (United States) and other applicable laws. BRP has decided that a defect, which relates to motor vehicle safety, exists in some vehicles and is conducting a safety recall.

### **What is the potential problem?**

The position light and flasher electrical harness in the front fenders may be loose and rub on the tires. Over time, this could lead to a short circuit causing an engine stall while driving without the ability to restart the vehicle. If this happens, the Vehicle Stability System (VSS), which includes the Anti-Lock Braking System (ABS), will not be available. This situation may increase the risk of a crash.

### **Which models are involved?**

2019 to 2021 and specific serial numbers of 2022 and 2023 Can-Am® Ryker vehicles

### **What is the solution?**

- BRP will repair, without cost, the involved vehicles.
- The repair is to secure the harness with proper routing of the harness in the front fenders.
- Do not deliver any involved vehicle before the repair.

### **What should you do?**

- Read the Safety Campaign Bulletin.
- Refer to Campaign Monitoring to validate involved vehicle serial numbers.
- Contact all of your customers who purchased an affected vehicle. You must inform your customers about:

- The safety recall
- The instructions below as to the use of their vehicle.

*In the case of an engine stall due to a short circuit, you will maintain steering and braking but you will not be able to maintain your speed. The Vehicle Stability System (VSS), which includes the Anti-Lock Braking System (ABS), will not be available. You will not be able to restart the vehicle.*

**What will BRP do for customers?**

- Within direct markets: BRP will send a safety recall letter to all known registered owners.
- Within distributor markets: BRP is notifying its distributors. The distributors are then responsible to deploy the safety recalls in their respective markets and must follow all legal requirements.
- Information for customers will be posted on the Can-Am On-Road public websites.

BRP prides itself on being an industry leader and providing you, as well as our customers, with the very best information so we can collectively preserve the reputation of our products.

We apologize for any inconvenience this may have caused you or your customers.

Sincerely,

***BRP Customer Services Department***

**If you have questions about this notice, please communicate with us:**

- By submitting a Technical Support Request/Report incident in **BOSSWeb**.  
A service representative will communicate with you.

**OR**

- 1-800-366-6992  
Eastern time Monday to Friday from 10:00 AM to 5:00 PM



# WARRANTY BULLETIN SAFETY CAMPAIGN

**⚠ WARNING: All involved customers must be notified, all involved units must be corrected as per instruction herein.**

Campaign no.: 2019-0018  
2020-0009  
2021-0005  
2022-0012  
2023-0001

**October 31, 2022** Subject: **Front Fenders Electrical Harnesses May Be Loose – Potential Loss of Power**

No. **2023-1**

## IMPORTANT

### What should you do?

- Do not sell or deliver any involved vehicle that you have in stock as federal law requires you to complete the recall service on these vehicles before retail delivery.
- Unregistered vehicles cannot be sold until the campaign is performed.
- Contact all of your customers who purchased an affected vehicle and inform them about this Safety Recall notice.

MODEL YEAR	MODEL	ADMISSIBLE UNITS
2019 to 2021 2022 (Specific serial numbers) 2023 (Specific serial numbers)	Ryker®	Go to BOSSWeb/Warranty/Campaign Monitoring to know the quantity of units in your inventory impacted by this campaign

### IMPORTANT

- When a vehicle comes in for service, always type the VIN in Knowledge Center to check for pending campaigns or alerts.
- When performing any work on a vehicle, it is good practice to connect it to BUDS2 to ensure that all needed updates are done.



## PROBLEM

The position light and flasher electrical harness in the front fenders may be loose and rub on the tires. Over time, this could lead to a short circuit causing an engine stall while driving, without the ability to restart the vehicle. If this happens, the Vehicle Stability System (VSS), which includes the Anti-Lock Braking System (ABS) will not be available. This situation may increase the risk of a crash.

## SOLUTION

Secure the harness with proper routing in the front fenders.

## REQUIRED PARTS

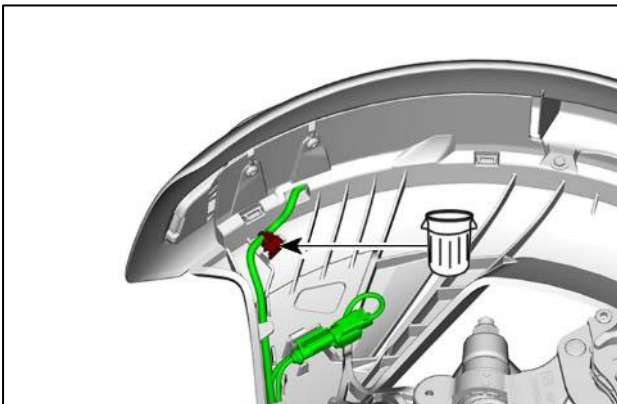
DESCRIPTION	PART NUMBER	QTY
Locking tie 142mm X 3.2mm	293750002	8

**NOTE:** The parts for the repair will gradually be available.

## CORRECTIVE ACTION

**NOTE:** LH side procedure shown, repeat for RH side.

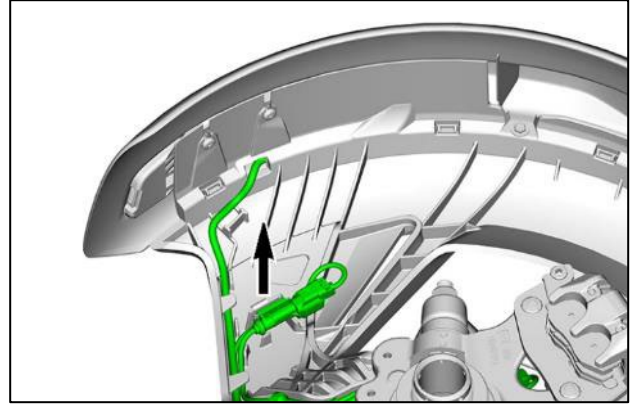
1. Safely lift front of vehicle.
2. Remove RED locking clip, nut and wheel.
3. Remove and discard locking tie clip from the inside of the fender.



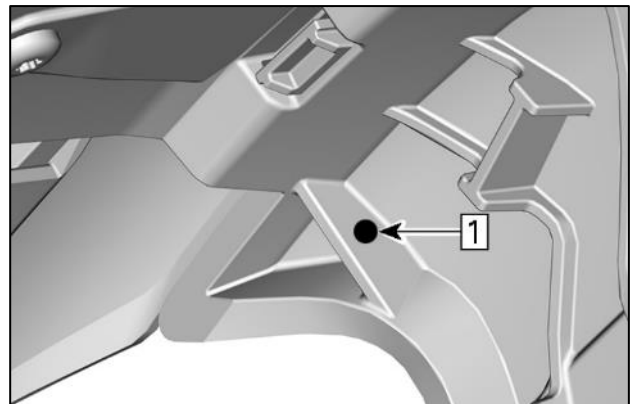
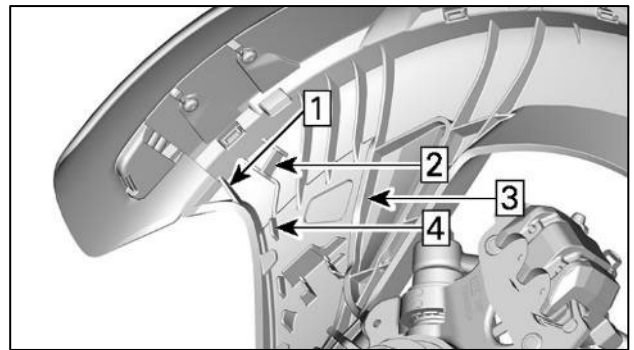
4. Inspect the harness condition. If it was previously damaged, it will need to be repaired.

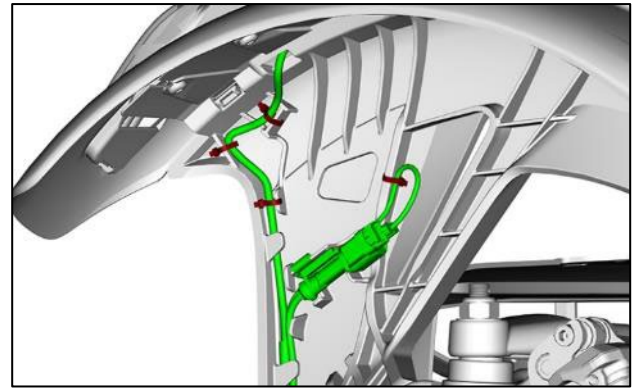
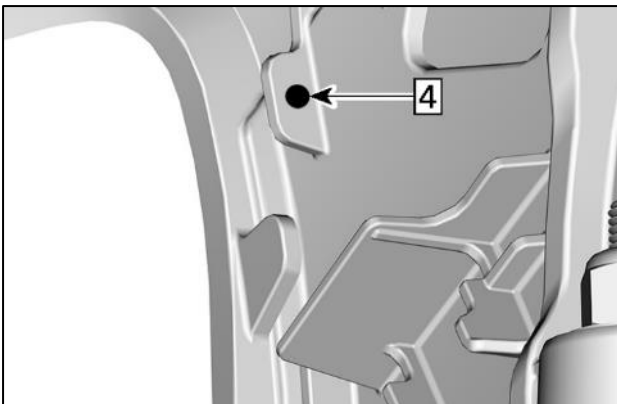
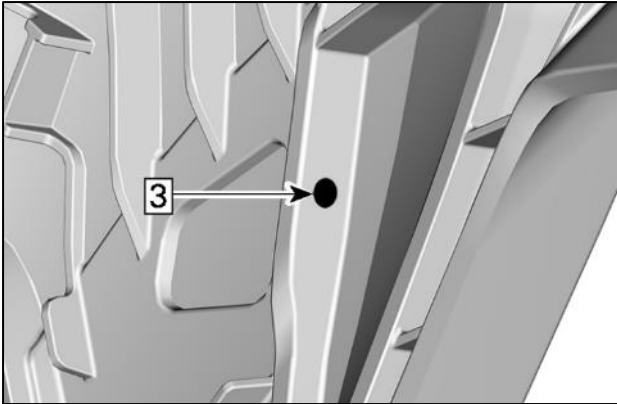
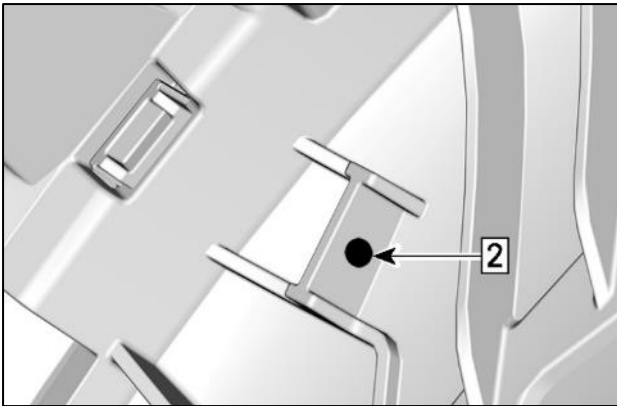
**NOTE:** BRP will publish a separate quality bulletin for this repair.

5. Unclip harness connector and pull harness out of location to provide access for drilling.



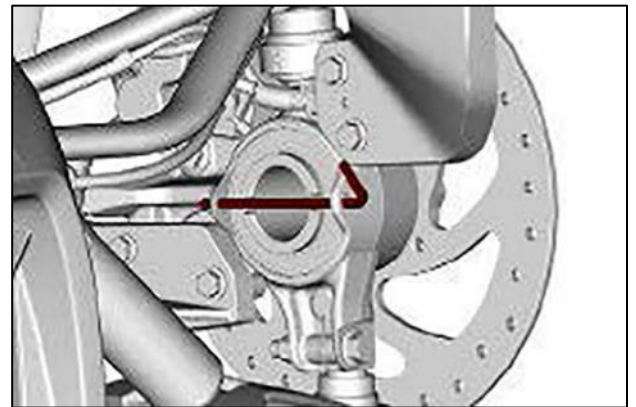
6. Drill 1/8 in (3 mm) holes in the four tabs at the following locations.





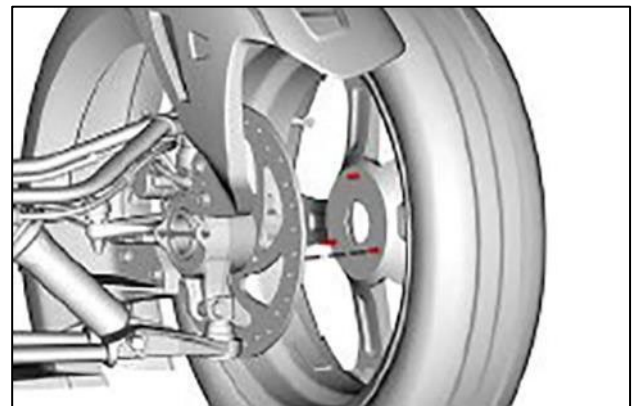
## WHEEL INSTALLATION

1. Lock the wheel hub with a locking device (such as a long Allen key or a tempered steel rod).



2. Install front wheel.
3. Align the dowel pins of the rim with the brake disc holes.

**NOTICE** All contact surfaces of the wheel, wheel hub, brake disc and the thread in the wheel hub must be free of abrasion, sand, dust or chips. Do not use fluids of any kind to wash the surfaces, use only dry soft cloth.



4. Install the conical washers and the center lock wheel nuts. Hand tighten.

**NOTE:** Use a 90 degree drill as the access is limited.

7. Route harness in place and clip connector.
8. Install new locking ties (1 at each drilling location to support the wiring harness properly). Cut exceeding length.
9. Ensure routing is as follows.



**⚠ WARNING**

**MY22 and UP only:** ensure to install the Counterclockwise center lock wheel nut on RH side and the Clockwise center lock wheel nut on LH side.

**NOTICE** MY22 and UP only: the front right wheel nut has left-hand threads. You must turn the nut counterclockwise to tighten it.

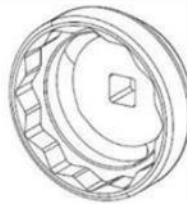


5. Lower the vehicle on the ground.
6. Tighten the center lock wheel nuts to specification.

**NOTICE** Never use impact tools to tighten wheel nuts.

**REQUIRED TOOL**

65MM SOCKET  
(P/N 529 036 457)



**TIGHTENING TORQUE**

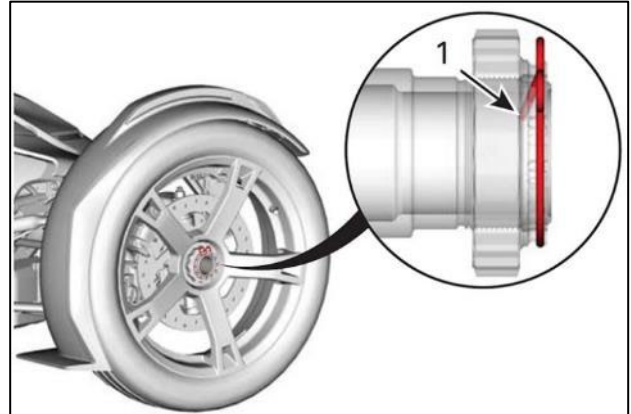
Center lock wheel nut	300N•m ± 15N•m 221lbf•ft ± 11lbf•ft)
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7. Tighten the nut to the nominal value, then tighten further to align the hole.

**NOTICE** Never untighten the nut to align the RED locking clip hole.

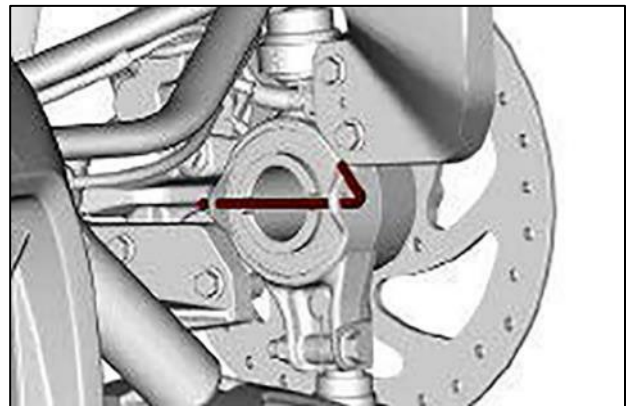
**⚠ WARNING**

Failure to install the RED locking clip and/or not applying the proper torque to the wheel nut may cause the loss of a wheel.



1. Folded end pointing inside the drive axle

8. Remove locking device from the wheel hub.



9. Install the inner hub cap by first inserting one locating pin, then insert the second one by pressing lightly on its tab. Ensure both pins are secured in place.



## WARRANTY

Submit a warranty claim using the following information.

For claiming procedure, refer to the **online DEALER/DISTRIBUTOR WARRANTY GUIDE**.

### MY2019 Models

Product Line	Roadster
Unit Model Year	2019
Campaign/Bulletin/Description	18 / 2023-1 / FRONT HARNESS ISSUE
<b>*Action</b> <b>Inspect</b> <span style="float: right;"><b>Repair</b></span>	
<input type="checkbox"/> <span style="float: right;"><input checked="" type="checkbox"/></span>	
Total Labor time paid	0.4 hour

### MY2020 Models

Product Line	Roadster
Unit Model Year	2020
Campaign/Bulletin/Description	9 / 2023-1 / FRONT HARNESS ISSUE
<b>*Action</b> <b>Inspect</b> <span style="float: right;"><b>Repair</b></span>	
<input type="checkbox"/> <span style="float: right;"><input checked="" type="checkbox"/></span>	
Total Labor time paid	0.4 hour

### MY2021 Models

Product Line	Roadster
Unit Model Year	2021
Campaign/Bulletin/Description	5 / 2023-1 / FRONT HARNESS ISSUE
<b>*Action</b> <b>Inspect</b> <span style="float: right;"><b>Repair</b></span>	
<input type="checkbox"/> <span style="float: right;"><input checked="" type="checkbox"/></span>	
Total Labor time paid	0.4 hour

### MY2022 Models

Product Line	Roadster
Unit Model Year	2022
Campaign/Bulletin/Description	12 / 2023-1 / FRONT HARNESS ISSUE
<b>*Action</b> <b>Inspect</b> <span style="float: right;"><b>Repair</b></span>	
<input type="checkbox"/> <span style="float: right;"><input checked="" type="checkbox"/></span>	
Total Labor time paid	0.4 hour

### MY2023 Models

Product Line	Roadster
Unit Model Year	2023
Campaign/Bulletin/Description	1 / 2023-1 / FRONT HARNESS ISSUE
<b>*Action</b> <b>Inspect</b> <span style="float: right;"><b>Repair</b></span>	
<input type="checkbox"/> <span style="float: right;"><input checked="" type="checkbox"/></span>	
Total Labor time paid	0.4 hour

# IMPORTANT SAFETY RECALL NOTICE

This notice applies to your vehicle



10101 Science Drive  
Sturtevant, Wisconsin 53177  
USA

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**October 31, 2022**

## **Re: Front Fenders Electrical Harnesses May Be Loose - Potential Loss of Power**

Dear BRP Customer,

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. BRP has decided that a defect related to motor vehicle safety exists in the following vehicles. As a result, BRP is conducting a safety recall.

**Our records show that you own a potentially affected vehicle.**

### **What is the potential problem?**

The position light and flasher electrical harness in the front fenders may be loose and rub on the tires. Over time, this could lead to a short circuit causing an engine stall while driving without the ability to restart the vehicle. If this happens, the Vehicle Stability System (VSS), which includes the Anti-Lock Braking System (ABS), will not be available. This situation may increase the risk of a crash.

### **Which models are involved?**

2019 to 2021 and specific serial numbers of 2022 and 2023 Can-Am® Ryker vehicles

### **What should you do?**

- Contact immediately your authorized BRP Can-Am dealer and schedule an appointment to have the safety recall performed on your vehicle.
- The repair is to secure the harness with proper routing in the front fenders. The procedure should take less than an hour.
- BRP will repair your vehicle at no cost.
- In the case of an engine stall due to a short circuit, you will maintain steering and braking but you will not be able to maintain your speed. The Vehicle Stability System (VSS), which includes the Anti-Lock Braking System (ABS), will not be available. You will not be able to restart the vehicle.
- If you leased this vehicle:
  - Send a copy of this letter to the lessee within ten working days after the day you received this letter.
  - Do the same with any future letters about this safety recall.



If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590, call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153) or go to <http://www.safercar.gov>. The National Highway Traffic Safety Administration Campaign ID Number for this recall is **22V799**.

If you previously had to repair those harnesses for this issue and BRP did not cover the cost of the repair, please contact us. BRP will evaluate if you are eligible for a reimbursement of the repair costs. However, your vehicle will still need to have the safety recall repair performed.

**What to do if you feel you have received this notice by mistake:**

This notice was mailed to you according to the most current information we have available. If you no longer own this vehicle or some information regarding your name or address are incorrect, please contact BRP at your earliest convenience.

Your safety and continued satisfaction with our products are a priority for us. We apologize for any inconvenience this may cause you and remain committed to facilitating the process as much as we can.

Thank you for your immediate attention to this matter.

Sincerely,

***BRP Customer Services Department***

**If you have questions or need assistance, or to find the nearest authorized BRP dealer:**

- Visit [www.brp.com](http://www.brp.com)
- Or call: 1-888-272-9222  
8:00 AM to 8:00 PM Eastern time 7 days a week.