



WARRANTY BULLETIN QUALITY

NOTE: Repair only if described symptoms exist or are noticed.

Campaign no.: 2019-0019 / 2019-0020
 2020-0010 / 2020-0011
 2021-0006 / 2021-0007
 2022-0013 / 2022-0014
 2023-0002 / 2023-0003

November 16, 2022 Subject: **Front Fenders Harness Repair - Wear by Tire Rubbing** No. **2023-2**

IMPORTANT

*** Repair only if described symptoms exist or are noticed. ***

MODEL YEAR	MODEL	ADMISSIBLE UNITS
2019 to 2021 2022 (Specific serial numbers) 2023 (Specific serial numbers)	Ryker®	In Knowledge Center: - Enter the VIN - Select the <i>DOCUMENTS AND ARTICLES</i> tab - Select filters: • Warranty in <i>ARTICLE TYPE CATEGORIES</i> Warranty Bulletin in <i>ARTICLE TYPES</i>

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

This bulletin is the detailed repair procedure if the position light and flasher electrical harness in the front fenders have rubbed on the tires wearing the insulating sheath.

SOLUTION

Replace sections of the harness with exposed wire insulation or showing wear (even minimal), and complete *SAFETY CAMPAIGN BULLETIN 2023-1*.

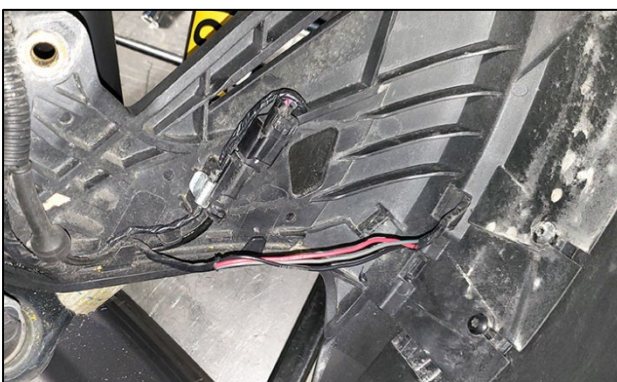
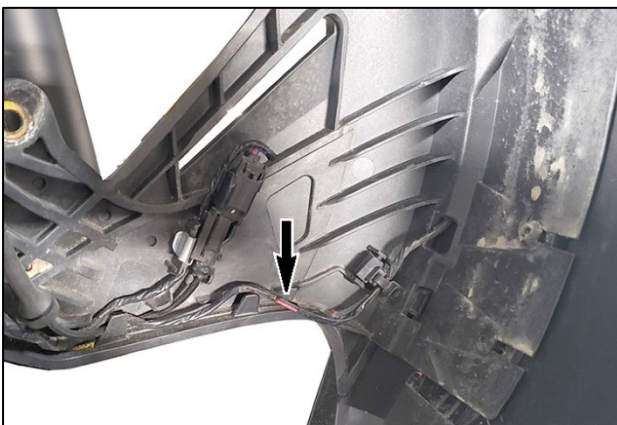
REQUIRED PARTS

Order parts through regular channel.

DESCRIPTION	PART NUMBER	QTY
Solder Sleeve (Raychem CWT-9002)	710004915	6

CORRECTIVE ACTION

1. Remove the adhesive tape over a length of about 10 cm centered on the point where insulation wear is visible.



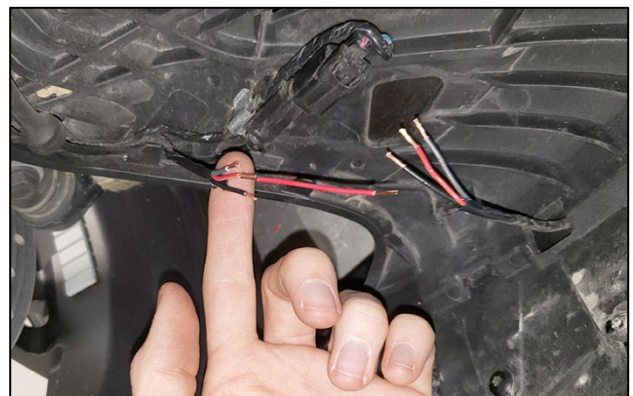
2. Cut a 5 cm long section centered on the point where wear is visible.



3. Strip the end of the wires over a length of about 6 to 8 mm (1/4 to 5/16 in).



4. Intertwine the stripped sections of the wires from the harness with new wire (length of 5 cm (2 in)). Use 20 AWG wires.



5. Slide the solder sleeve on the wires.

NOTE: The metal element in the center of the sleeve must be centered with the stripped junction of the wires.



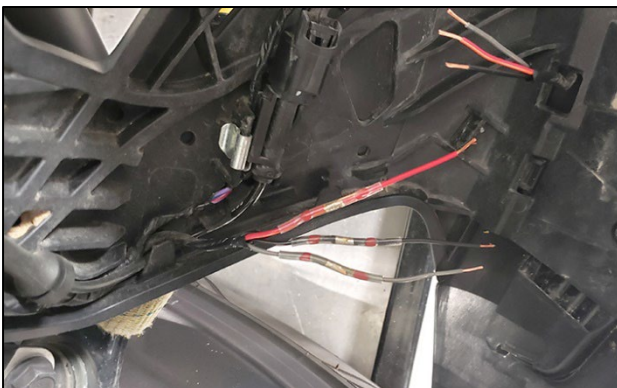
6. Use a heat gun to heat the sleeve until the metal in the center is completely melted on the wires.

NOTICE: Use an aluminium foil to protect other components from melting (harness, fenders, etc.).



7. Repeat previous steps at the other end of each wire.

NOTE: Connect the wires on the other side of the harness respecting the color code.

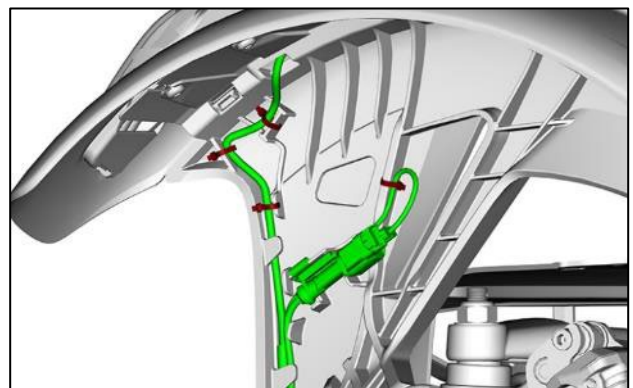


8. Once the welds are finished, verify proper operation of the position lights as well as the turn signals.



9. Cover the repaired sections with tape. Use TESA 51036 tape (P/N 293740057) or equivalent.

10. Route the harness as per the *SAFETY CAMPAIGN BULLETIN 2023-1*.

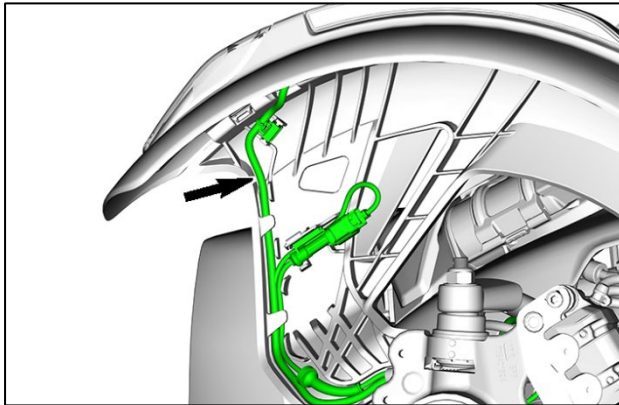


WARRANTY

Submit a warranty claim using the following information.

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

A picture of the damaged wiring harness will be necessary for the warranty claim.



MY2019 Models

LH FRONT FENDER HARNESS REPAIR

Product Line	Roadster
Unit Model Year	2019
Campaign/Bulletin/Description	19 / 2023-2 / LH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

RH FRONT FENDER HARNESS REPAIR

Product Line	Roadster
Unit Model Year	2019
Campaign/Bulletin/Description	20 / 2023-2 / RH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

MY2020 Models

MY2021 Models

LH FRONT FENDER HARNESS REPAIR

LH FRONT FENDER HARNESS REPAIR

Product Line	Roadster
Unit Model Year	2020
Campaign/Bulletin/Description	10 / 2023-2 / LH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

Product Line	Roadster
Unit Model Year	2021
Campaign/Bulletin/Description	6 / 2023-2 / LH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

RH FRONT FENDER HARNESS REPAIR

RH FRONT FENDER HARNESS REPAIR

Product Line	Roadster
Unit Model Year	2020
Campaign/Bulletin/Description	11 / 2023-2 / RH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

Product Line	Roadster
Unit Model Year	2021
Campaign/Bulletin/Description	7 / 2023-2 / RH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

MY2022 Models

MY2023 Models

LH FRONT FENDER HARNESS REPAIR

LH FRONT FENDER HARNESS REPAIR

Product Line	Roadster
Unit Model Year	2022
Campaign/Bulletin/Description	13 / 2023-2 / LH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

Product Line	Roadster
Unit Model Year	2023
Campaign/Bulletin/Description	2 / 2023-2 / LH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

RH FRONT FENDER HARNESS REPAIR

RH FRONT FENDER HARNESS REPAIR

Product Line	Roadster
Unit Model Year	2022
Campaign/Bulletin/Description	14 / 2023-2 / RH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027

Product Line	Roadster
Unit Model Year	2023
Campaign/Bulletin/Description	3 / 2023-2 / RH FRONT FENDER HARNESS REPAIR
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration Date	January 31, 2027