Part 573 Safety Recall Report 22V-799

Manufacturer Name : Bombardier Recreational Products, Inc.
Submission Date : NOV 03, 2022
NHTSA Recall No. : 22V-799
Manufacturer Recall No. : Bulletin 2023-1

Manufacturer Information :

Manufacturer Name : Bombardier Recreational Products, Inc.
Address : 726 Saint-Joseph Street
Valcourt, Quebec 00 JOE 2LO
Company phone : 450-532-2211

Population :

Number of potentially involved : 46,119
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2023 BRP Ryker
Vehicle Type : MOTORCYCLES
Body Style : OTHER
Power Train : GAS
Descriptive Information : All the vehicles from the introduction of the first model year (2019) have the same design. Some VINs were excluded as they are still at the plant and will be reworked by BRP. The preliminary quantity of vehicles in this population is 46 119.
Note that it is not possible to select an estimated percentage of involved vehicles with defect lower than 1% but we estimate that it is lower than this number.

Production Dates : MAR 22, 2018 - OCT 19, 2022
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect : The position light and flasher electrical harnesses in the front fenders may be loose and rub on the tire. Over time, this could lead to a short circuit causing an engine stall while driving, without the ability to restart the vehicle.
FMVSS 1 : NR
FMVSS 2 : NR
Description of the Safety Risk : 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.

Description of the Cause :	The installation of the rooting of the harnesses in the front fenders on the manufacturing line may not have been done as required by the design. The harnesses may be loose or become loose and rub on a front tire which is in proximity. Those harnesses are fused on the Fuse #7 which is also used to fuse other key components. The blowing of the Fuse # 7 will cause an engine stall.
Identification of Any Warning that can Occur :	None was identified.

Involved Components :

Component Name 1 :	Position light and flasher electrical harness
Component Description :	TBD
Component Part Number :	TBD

Supplier Identification :

Component Manufacturer

Name :	NR
Address :	NR
	NR
Country :	NR

Chronology :

In July 2022, NHTSA informed BRP of a recent case reported as a Voice of Customer (VoC) which involved a loss of power from blown fuse #7. BRP reviewed NHTSA's detailed VoC report and conducted a search on all reports of loss of power related to blown fuse #7.

In trying to understand the trend, BRP reviewed all the reports to identify the root cause of blown fuses #7. BRP identified that fuse #7 included the position light and flasher electrical harness which was routed under the front fenders. It was found that the position light and flasher electrical harness could be loose if the routing was improperly installed at factory. If loose, the electrical harness could 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.

With all the information collected and analyzed, BRP decided on October 17, 2022, that it had enough information to report and wants to proceed with a safety recall.

In the United States, BRP identified 48 cases of a loose harness rubbing against the tire,of which, 18 lead to blown fuse #7. The 48 cases were received from March 7, 2019 to September 14, 2022.

No accident was reported worldwide.

Description of Remedy :

Description of Remedy Program :	• BRP will repair the vehicle at no cost. • The repair will be to secure the routing of the 2 harnesses. This repair will be performed by BRP authorised Can-Am On-Road dealers. • The safety recall will be launched on October 31st, 2022. • If a customer previously had the same issue as this safety recall and BRP did not cover the cost of the repair, he/she can contact BRP for reimbursement. However, the vehicle will still need to have the safety recall repair. The General Reimbursement plan is being finalized and will be provided.
How Remedy Component Differs from Recalled Component :	The harnesses are not changed. BRP is changing the way they are secured inside the fenders by adding tie-rap attachments at specific locations.
Identify How/When Recall Condition was Corrected in Production :	The vehicles that are still in possession of BRP produced until October 19, 2022 will be corrected with the same remedy as per the remedy program. It is also currently planned that this will also apply for vehicles MY23 that will be produced after that date.

Recall Schedule :

Description of Recall Schedule :	BRP is targeting to inform dealers about this situation before the end of the day on October 31st, 2022. Dealers will be instructed to contact their consumers. BRP will also send letters as soon as it will receive the updated registration information from its provider.
Planned Dealer Notification Date :	OCT 31, 2022 - OCT 31, 2022
Planned Owner Notification Date :	NOV 30, 2022 - DEC 09, 2022

* NR - Not Reported