

Part 573 Safety Recall Report

23V-053

Manufacturer Name : Bombardier Recreational Products, Inc.**Submission Date :** MAY 10, 2023**NHTSA Recall No. :** 23V-053**Manufacturer Recall No. :** 2022-19**Manufacturer Information :****Population :****Manufacturer Name :** Bombardier Recreational Products, Inc.**Number of potentially involved :** 2,077**Address :** 726 Saint-Joseph Street**Estimated percentage with defect :** 12 %

Valcourt, Quebec 00 JOE 2LO

Company phone : 450-532-2211**Vehicle Information :****Vehicle 1 :** 2022-2022 Can-Am Spyder F3 and F3-S**Vehicle Type :** MOTORCYCLES**Body Style :** OTHER**Power Train :** GAS

Descriptive Information : This recall is related to an inadequate batch of mirror housings molded in April 2022. BRP included in the recall all vehicles which could have been equipped with mirror housing assemblies made with a mirror housing from this April 2022 batch. Vehicles included in the safety recall were produced from January 27 to May 27, 2022. Some mirror housing assemblies were not available (back order) when the vehicles were produced therefore, MY 2022 vehicles produced before April 2022 could be equipped with the involved mirror housings. Vehicles excluded from the recall had mirrors housing assemblies made with mirror housings from a different batch.

Production Dates : JAN 27, 2022 - MAY 27, 2022**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential**Vehicle 2 :** 2023-2023 Can-Am Spyder F3 and F3-S**Vehicle Type :** MOTORCYCLES**Body Style :** OTHER**Power Train :** GAS

Descriptive Information : The addition of MY23 is related to inadequate batch of mirror housings molded in October 2022. BRP included for MY2023 are all vehicles which could have been equipped with mirror housing assemblies made with a mirror housing from a batch prior to December 2022. Vehicles were produced from January 23 to March 30, 2023. Vehicles excluded from the recall had mirrors housing assemblies made with mirror housings from a batch from December 2022. We are adding 357 vehicles.

Production Dates : JAN 23, 2023 - MAR 30, 2023**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential

Description of Defect :

Description of the Defect : The rearview mirror lenses may dislodge from the housing.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This can result in an increased risk of a crash due to the decreased visibility for the driver.

Description of the Cause : BRP found that there was a high probability that the issue was due to a wrong plastic injection control for the mirror housings by its supplier for a batch molded in April 2022.

Addition of MY2023: BRP did not wanted batches molded before December 2022. Issue is similar to our description for MY2022.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : HOUSING_REAR VIEW MIRROR RH ASSY

Component Description : Mirror Housing Assembly - Right side

Component Part Number : 705015050

Component Name 2 : HOUSING_REAR VIEW MIRROR LH ASSY

Component Description : Mirror Housing Assembly - Left side

Component Part Number : 705015049

Supplier Identification :**Component Manufacturer**

Name : Zadi

Address : Via C. Marx, 138

CARPI (MO) Foreign States 41012

Country : Italy

Chronology :

At the end of November 2022, BRP confirmed a trend of high warranty rates of mirror falling from the housing. While most of the mirrors were found in the bottom of the crate at dealership, BRP received reports of mirrors falling while riding representing 9% of the overall claims.

In trying to understand the trend, BRP made various tests and validations. BRP found that there was a high probability that the issue was due to a wrong plastic injection control for the mirror housings by its supplier for a batch molded in April 2022.

As of January 10, in the US, BRP had received 126 reports of dislodged lens at the moment of pre-delivery preparation (May 21, 2022 to January 2, 2023), 8 confirmed reports of lens falling while riding (4 in September 2022, 2 in December 2022 and 2 in January 2023) and 12 reports of lens falling unconfirmed if it was while riding or not (August 2022 to December 2022).

With all the information collected and analyzed, BRP decided on January 27, 2023 had enough information to report and wants to proceed with a safety recall.

No accident, injury or death was reported worldwide.

Update 4:MY23:Week of April 3:BRP found one lens dislodged from the mirror housing in a box of 96 parts for MY2023. The housing molding date was a batch date that BRP did not want for its production. Inspection of the 96 parts identified inadequate molding dates as required by BRP and agreed by the supplier. Then, BRP inspected of 621 vehicles in its production yard and found 140 vehicles with mirror housing(s) from an inadequate molding date. Vehicles outside the production yard are expected to have a similar rate of mirror housings with an inadequate molding date. The housings from an inadequate molding date could have a similar failure rate seen for MY 22 (12%). However, BRP has no report of failures from the field including of accident, worldwide.

With all the information collected and analyzed, BRP decided on May 3, it had enough information to report and recall.

Description of Remedy :

Description of Remedy Program : BRP is issuing a safety recall. BRP is targeting to inform dealers about this situation on February 9 and should start the mailing for consumers in the following week. The parts availability dates will be included in the communications. BRP has the addresses of the vehicle owners in its warranty database and will send them a notice by mail and e-mail, if available. BRP will instruct its dealers to install new mirror housing assemblies with an assembly date from January 10, 2023. Parts will be gradually available starting from mid-April 2023 and will be released progressively, upon availability. The dealer is unable to see the molding date of the mirror housing once it is assembled with the mirror lens. The dealer can only see the date of the mirror housing assembly. As the vehicles are still under the manufacturer's warranty, there is no plan for separate reimbursement plan for customers who had this issue.

Update 4:
For MY22, BRP informed its dealers from February 9 to 13. Owners were notified on February 16, 2023. Parts are now available. For MY23, BRP is targeting to inform dealers about this situation on May 11, 2023, and should start the mailing for consumers in the following week. Parts are available and are the same as for the repair for MY22. Dealer will inspect to identify the molding date of the mirror housings and replace parts, if required. BRP has the addresses of the vehicle owners in its warranty database and will send them a notice by mail and e-mail, if available. As the vehicles are still under the manufacturer's warranty, there is no plan for separate reimbursement plan for customers who had this issue

How Remedy Component Differs from Recalled Component : The mirror housing assemblies will have a mirror housing from a certified batch from the supplier with adequate molding parameters. A change in the mold to increase the radius at the pin base was also made in abundance of caution.

Identify How/When Recall Condition was Corrected in Production : Vehicles manufactured after the cut-off date had already mirror housings molded from a later batch.

Recall Schedule :

Description of Recall Schedule : BRP is targeting to inform dealers about this situation on February 9 and should start the mailing for consumers in the following week. Parts will be gradually available starting from mid-April 2023 and will be released progressively, upon availability.

Update 4:

For MY22, BRP informed its dealers from February 9 to 13. Owners were notified on February 16, 2023. Parts are now available.

For MY23, BRP is targeting to inform dealers about this situation on May 11, 2023, and should start the mailing for consumers in the following weeks upon approval of letter by NHTSA. Parts are available and are the same as for the repair for MY22. Planned dates were revised to reflect MY23 revision.

Planned Dealer Notification Date : MAY 11, 2023 - MAY 11, 2023

Planned Owner Notification Date : MAY 25, 2023 - JUN 01, 2023

* NR - Not Reported