

Part 573 Safety Recall Report

23V-855

Manufacturer Name : Bombardier Recreational Products, Inc.

Submission Date : DEC 15, 2023

NHTSA Recall No. : 23V-855

Manufacturer Recall No. : Bulletin 2023-10



Manufacturer Information :

Population :

Manufacturer Name : Bombardier Recreational Products, Inc.

Number of potentially involved : 10,969

Address : 726 Saint-Joseph Street

Estimated percentage with defect : 95 %

Valcourt, Quebec 00 JOE 2LO

Company phone : 450-532-2211

Vehicle Information :

Vehicle 1 : 2019-2019 Can-Am Ryker

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information :

- The fuel pump supplier indicated to BRP which lots contained defective fuel pumps and when they were shipped to BRP. With that information, BRP tracked the affected vehicles produced on the assembly line and the potentially affected service parts.

- Some fuel pumps sold in service from the following part numbers could have been installed on Can-Am Rykers.

- o 709 000 810

- o 548 874 036

- o 709 001 269

- o 219 800 529

- BRP has indication of a warranty claim in its system for 32 vehicles MY2019 in the US.

- BRP has sold, worldwide 1443 service parts, and is looking for 493 affected parts in this population in its network. In the United States, 893 service parts were sold. BRP has the VIN information for 190 of those parts and is including them in the safety recall campaign. Those parts may also have been installed on production vehicles already included in the safety recall, still be in dealers' service parts inventory or on other Can-Am Rykers before the recall launch date.

Production Dates : OCT 09, 2018 - MAY 23, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2020-2020 Can-Am Ryker

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

- Descriptive Information :
- The fuel pump supplier indicated to BRP which lots contained defective fuel pumps and when they were shipped to BRP. With that information, BRP tracked the affected vehicles produced on the assembly line and the potentially affected service parts.
 - Some fuel pumps sold in service from the following part numbers could have been installed on Can-Am Rykers.
 - o 709 000 810
 - o 548 874 036
 - o 709 001 269
 - o 219 800 529
 - BRP has indication of a warranty claim in its system for 37 vehicles MY2020 in the US.
 - BRP has sold, worldwide 1443 service parts, and is looking for 493 affected parts in this population in its network. In the United States, 893 service parts were sold. BRP has the VIN information for 190 of those parts and is including them in the safety recall campaign. Those parts may also have been installed on production vehicles already included in the safety recall, still be in dealers' service parts inventory or on other Can-Am Rykers before the recall launch date.

Production Dates : AUG 08, 2019 - MAR 19, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2021-2021 Can-Am Ryker

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

- Descriptive Information :
- The fuel pump supplier indicated to BRP which lots contained defective fuel pumps and when they were shipped to BRP. With that information, BRP tracked the affected vehicles produced on the assembly line and the potentially affected service parts.
 - Some Model Year 2021 production vehicles could have been assembled with a defective fuel pump. They were produced from March 8, 2021 to July 12, 2021. The quantity is 6397.
 - Some fuel pumps sold in service from the following part numbers could have been installed on Can-Am Rykers from MY2019 to MY2024.
 - o 709 000 810
 - o 548 874 036
 - o 709 001 269
 - o 219 800 529
 - BRP has indication of a warranty claim in its system for 38 vehicles MY2021 in the US. Their production date is from September 9, 2020 to March 4, 2021.
 - BRP has sold, worldwide 1443 service parts, and is looking for 493 affected parts in this population in its network. In the United States, 893 service parts were sold. BRP has the VIN information for 190 of those parts and is including them in the safety recall campaign. Those parts may also have been installed on production vehicles already included in the safety recall, still be in dealers' service parts inventory or on other Can-Am Rykers before the recall launch date.

Production Dates : SEP 09, 2020 - JUL 12, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2022-2022 Can-Am Ryker

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

- Descriptive Information :
- The fuel pump supplier indicated to BRP which lots contained defective fuel pumps and when they were shipped to BRP. With that information, BRP tracked the affected vehicles produced on the assembly line and the potentially affected service parts.
 - Some Model Year 2022 production vehicles could have been assembled with a defective fuel pump. They were produced from March 25, 2021 to February 28, 2022. The quantity is 4385.
 - Some fuel pumps sold in service from the following part numbers could have been installed on Can-Am Rykers from MY2019 to MY2024.
 - o 709 000 810
 - o 548 874 036
 - o 709 001 269
 - o 219 800 529
 - BRP has indication of a warranty claim in its system for 74 vehicles MY2022 in the US. Their production date is from March 1, 2022 to August 30, 2022.
 - BRP has sold, worldwide 1443 service parts, and is looking for 493 affected parts in this population in its network. In the United States, 893 service parts were sold. BRP has the VIN information for 190 of those parts and is including them in the safety recall campaign. Those parts may also have been installed on production vehicles already included in the safety recall, still be in dealers' service parts inventory or on other Can-Am Rykers before the recall launch date.

Production Dates : MAR 25, 2021 - AUG 30, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2023-2023 Can-Am Ryker
Vehicle Type : MOTORCYCLES
Body Style : OTHER
Power Train : GAS

- Descriptive Information :
- The fuel pump supplier indicated to BRP which lots contained defective fuel pumps and when they were shipped to BRP. With that information, BRP tracked the affected vehicles produced on the assembly line and the potentially affected service parts.
 - Some fuel pumps sold in service from the following part numbers could have been installed on Can-Am Rykers from MY2019 to MY2024.
 - o 709 000 810
 - o 548 874 036
 - o 709 001 269
 - o 219 800 529
 - BRP has indication of a warranty claim in its system for 9 vehicles MY2023 in the US.
 - BRP has sold, worldwide 1443 service parts, and is looking for 493 affected parts in this population in its network. In the United States, 893 service parts were sold. BRP has the VIN information for 190 of those parts and is including them in the safety recall campaign. Those parts may also have been installed on production vehicles already included in the safety recall, still be in dealers' service parts inventory or on other Can-Am Rykers before the recall launch date.

Production Dates : JUN 15, 2023 -SEP 07, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The fuel pump impeller could swell and cause the fuel pump to stop working.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This could lead to an engine stall while driving without the ability to restart the vehicle. This situation may increase the risk of a crash.

Description of the Cause : BRP was informed by its supplier that changes were made as to the source of the raw material used to produce the impeller over the years (initial source, new source and back to the initial source). It was found that the "new" source of material for the impeller could cause it to swell and come in interference with the housing. This could create a fuel pump failure.

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Fuel pump module

Component Description : Fuel pump module used in production and in service (some date codes only)

Component Part Number : 709 000 810

Component Name 2 : Fuel pump module

Component Description : Fuel pump module used in production and in service (some date codes only)

Component Part Number : 548 874 036

Component Name 3 : Fuel pump module

Component Description : Fuel pump module used in production and in service (some date codes only)

Component Part Number : 709 001 261

Component Name 4 : Fuel pump module

Component Description : Fuel pump module used in service (some date codes only)

Component Part Number : 219 800 529

Supplier Identification :

Component Manufacturer

Name : Robert Bosch LLC.

Address : 38000 Hills Tech Dr.

Farmington Hills Michigan 48831

Country : United States

Chronology :

In August 2023, Transport Canada informed BRP of received reports of fuel pumps malfunction. The cases were grouped under TC 3208-07-52.

BRP reviewed all the TC reports, reanalyzed its network data, contacted customers, and collected fuel pumps from the field. BRP also promptly contacted its fuel pump supplier to start a joint analysis. The investigation took place from August to December 2023. During this time, BRP was informed by its supplier that changes were made as to the source of the raw material used to produce the impeller over the years (initial source, new source and back to the initial source). It was found that the “new” source of material for the impeller could cause it to swell and come in interference with the housing. This could create a fuel pump failure. BRP worked to confirm its supplier’s findings and to identify when those fuel pumps were installed on its vehicles and sold as service parts.

BRP was also contacted by NHTSA during this period following reports from customers as well.

With all the information collected and analyzed, BRP decided on December 11, 2023, that it had enough information to report and wants to proceed with a safety recall.

In looking back in its claim data and after reanalysis, BRP evaluates that in the United States, 132 cases could be potentially related to this situation from which 43 occurring while riding with a reported failure date after the cut off date of March, 6, 2021 to October 30, 2023.

No accident was reported worldwide.

Description of Remedy :

Description of Remedy Program : BRP is issuing a safety recall and BRP will instruct its dealers to inspect the fuel pump to identify production date code and if necessary, replace the fuel pump.

BRP will file its reimbursement plan if customers had already paid for this issue. However, the recall repair will still need to be performed.

How Remedy Component Differs from Recalled Component : The fuel pump used in the repair has an impeller that was molded with an adequate raw material.

Identify How/When Recall Condition was Corrected in Production :

• The fuel pump supplier indicated to BRP which lots contained defective fuel pumps and when they were shipped to BRP. With that information, BRP tracked the affected vehicles produced on the assembly line. After February 28, 2022, BRP was producing vehicles with adequate fuel pumps. This was during the course of Model Year 2022 production.

In production, the affected productions dates are from March 6, 2021 to February 28, 2022. Outside those dates, vehicles from MY2019 to MY2024 could have a defective fuel pump if it was changed in service for any reasons.

Recall Schedule :

Description of Recall Schedule : BRP is issuing a safety recall bulletin on December 21, 2023.

Customers: BRP will start the mailing for consumers during the month of January 2024.

Planned Dealer Notification Date : DEC 21, 2023 - DEC 21, 2023

Planned Owner Notification Date : JAN 22, 2024 - JAN 22, 2024

* NR - Not Reported