

# Part 573 Safety Recall Report

## 22V-352

**Manufacturer Name :** Bombardier Recreational Products, Inc.

**Submission Date :** SEP 30, 2022

**NHTSA Recall No. :** 22V-352

**Manufacturer Recall No. :** Bulletin 2019-10



### 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 :** 30,389

**Estimated percentage with defect :** 100 %

### Vehicle Information :

**Vehicle 1 :** 2015-2019 Can-Am Spyder F3 and RT

**Vehicle Type :** MOTORCYCLES

**Body Style :** OTHER

**Power Train :** GAS

**Descriptive Information :** Those vehicles may have a front sprocket that was inadequately manufactured. There is a cut-off date for MY 2019. Not all MY 2019 vehicle identification numbers are included. There are 13 633 F3 vehicles included in this population. There are 16 756 RT vehicles included in this population.

**Production Dates :** APR 15, 2014 - APR 15, 2019

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

### Description of Defect :

**Description of the Defect :** The front sprocket may be defective and may be subject to premature wear. Over time, the vehicle could lose propulsion.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If the vehicle loses propulsion, there is increased risk of a crash.

**Description of the Cause :** The front sprocket chamfer should start from the minor spline diameter, but the T2 supplier used the major spline diameter to build the tooling. The chamfer end was then shifted outward by spline teeth height. This has an effect on the clamping load.

**Identification of Any Warning that can Occur :** Some customers are reporting noises and vibrations, but this is not the case for all vehicles.

### Involved Components :

Component Name 1 : Front sprocket (sprocket 28 th)

Component Description : Front sprocket (sprocket 28 th)

Component Part Number : 7050502134

### Supplier Identification :

#### Component Manufacturer

Name : Nutech

Address : 20 rue Industriel

Disraeli Foreign States GON1E0

Country : Canada

### Chronology :

Transport Canada opened an Issue Assessment in August 2021 and informed BRP. Transport Canada decided to escalate this assessment into a Preliminary Evaluation (3280-09-28) in January 2022. (BRP was informed shortly after in February 2022.) Discussions between Transport Canada and BRP occurred about this issue including the occurrences in the field in the past years, the type of failure and its possible consequences for the riders. Following the discussions with Transport Canada, BRP decided to proceed with a safety recall on relevant models worldwide on May 11, 2022.

In the United States, BRP could link 312 service contacts (by dealers or customers) and 434 VINs with warranty claims related to front sprocket wear with or without loss of power. One report could also be related in NHTSA claim database (11415023). While the first contacts and warranty claims were received from May 2015, it peaked in 2018 and 2019. BRP still received contacts and warranty claims in 2021 and 2022.

None of those claims or reports were related to injuries or deaths.

## Description of Remedy :

- Description of Remedy Program :
- BRP will repair the vehicle at no cost.
  - The final repair is to replace the front sprocket and the sprocket screw. The replacement procedure should take less than an hour. Due to supply chain limitations, the parts for the repair will gradually be available in a very limited quantity over an extended period, starting October 31, 2022.
  - BRP will continue to offer the interim repair procedure. The procedure acts as a temporary solution until the front sprocket replacement is available in sufficient quantity. The procedure is an inspection of the front sprocket and, if necessary, an interim replacement. It is available at dealers from June 30, 2022 and should take less than an hour. The interim repair procedure will need to be repeated every 16,000 km (10,000 mi) until the vehicle is repaired with the final repair procedure.
  - The vehicles with the interim procedure will not be considered as repaired under the safety recall. We will track them with a campaign, but the safety recall will remain open until the final repair (replacement of the front sprocket and sprocket screw).
  - Once we will have enough parts supply, we will stop offering the interim procedure.
  - If a customer previously had to replace the front sprocket for this issue and BRP did not cover the cost of the repair, he can contact BRP for reimbursement. However, the vehicle will still need to have the safety recall repair.

How Remedy Component Differs from Recalled Component : The remedy component will be adequately manufactured in the chamfer area. Once the replacement procedure is published, we may add more details to this section, as necessary.

Identify How/When Recall Condition was Corrected in Production : Adequately manufactured parts were received for the vehicles produced starting during the day of April 15, 2019.

## Recall Schedule :

### Description of Recall Schedule :

Dealers: Initial recall information issued on May 26 and letters mailed on May 27, 2022. Updated bulletin issued on June 30, 2022. Final repair information issued on September 29, 2022, and mailing planned before October 14, 2022.

Customers: Initial recall information issued on May 26 and letters mailed on June 17, 2022. Final repair information issued on September 29, 2022, and mailing planned before October 31, 2022.

Planned Dealer Notification Date : MAY 26, 2022 - OCT 14, 2022

Planned Owner Notification Date : JUN 17, 2022 - OCT 31, 2022

\* NR - Not Reported