

# Part 573 Safety Recall Report

# 22V-352

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

**Submission Date :** MAY 18, 2022

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

**Manufacturer Recall No. :** TBD



## Manufacturer Information :

## Population :

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

**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 : Will be provided

Address : NR

NR

Country : NR

## 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 warranty claims related to front sprocket wear with or without loss of power. One report could also be related in NHTSA claim database.

## Description of Remedy :

**Description of Remedy Program :** The solution is first, the inspection of the front sprocket to identify the manufacturing date code. Secondly, if the date code is below the threshold, the front sprocket will have to be replaced. However, the parts for the repair will be available in a very limited quantity over an extended period of time due to supply chain limitations. Moreover, the repair procedure is still under validation and will not be published before many weeks. We will have a date to provide to dealers and customers upon launch next week.

We will offer to our customers a free interim procedure to allow them to continue to ride for additional kilometers until the front sprocket replacement is available. The procedure is also still under validation but will be published sooner than the replacement procedure. We will have a date to provide to dealers and customers upon launch next week.

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 replacement of the front sprocket.

Once we will have enough parts supply, we will not offer anymore 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 be inspected to verify the date code of the replacement front sprocket and if necessary, replace the front sprocket.

**How Remedy Component Differs from Recalled Component :** The remedy component will be adequately manufactured in the chamfer area.

**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 :** NR

**Planned Dealer Notification Date :** MAY 26, 2022 - JUN 01, 2022

**Planned Owner Notification Date :** JUN 20, 2022 - JUN 27, 2022

\* NR - Not Reported