Manufacturer Name :Bombardier Recreational Products, Inc.Submission Date :DEC 15, 2023NHTSA Recall No. :23V-855Manufacturer Recall No. :Bulletin 2023-10

Manufacturer Information :

Manufacturer Name : Bombardier Recreational Products, Inc. Address : 726 Saint-Joseph Street 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 :	pumps and when they we	re shipped to BRP. With that	h lots contained defective fuel t information, BRP tracked the he potentially affected service
	• Some fuel pumps s been installed on Can-Am		owing part numbers could have
	o 709 000 810	J	
	o 548 874 036		
	o 709 001 269		
	o 219 800 529		
	• BRP has indication in the US.	of a warranty claim in its s	ystem for 32 vehicles MY2019
	parts in this population in sold. BRP has the VIN info safety recall campaign. Th vehicles already included	its network. In the United S	n dealers' service parts
Production Dates :	OCT 09, 2018 - MAY 23, 20	019	
	Begin : NR	End: NR	☐ Not sequential



Number of potentially involved : 10,969

Estimated percentage with defect : 95 %

Population :

23V-855

Vehicle 2:	2020-202	0 Can-Am Ryker		
Vehicle Type :	MOTORCY	CLES		
Body Style :	OTHER			
Power Train :	GAS			
Descriptive Information :	pumps and	d when they we	re shipped to BRP. With	which lots contained defective fuel that information, BRP tracked the nd the potentially affected service
	been insta	me fuel pumps s lled on Can-Am 9 000 810		following part numbers could have
		8 874 036		
		9 001 269		
	o 21	9 800 529		
	• BF in the US.	P has indication	n of a warranty claim in	its system for 37 vehicles MY2020
	parts in th sold. BRP safety reca vehicles al	is population in has the VIN info all campaign. T ready included	its network. In the Unit rmation for 190 of thos hose parts may also ha	rts, and is looking for 493 affected ted States, 893 service parts were e parts and is including them in the ve been installed on production be in dealers' service parts recall launch date.
Production Dates :	AUG 08, 2	019 - MAR 19, 2	020	
VIN Range 1:1	Begin :	NR	End: NR	🗌 Not sequentia

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Vehicle 3:	2021-2021 Can-Am Ryl	ker	
	MOTORCYCLES		
Body Style :			
Power Train :			
Descriptive Information :	pumps and when they w	supplier indicated to BRP whicl were shipped to BRP. With that ced on the assembly line and th	information, BRP tracked the
		ar 2021 production vehicles co hey were produced from March	
		os sold in service from the follo Am Rykers from MY2019 to MY	
		ion of a warranty claim in its sy tion date is from September 9, 1	
	parts in this population sold. BRP has the VIN in safety recall campaign. vehicles already include	vorldwide 1443 service parts, as a in its network. In the United St information for 190 of those par Those parts may also have be ed in the safety recall, still be in Can-Am Rykers before the recal	ates, 893 service parts were ts and is including them in the en installed on production dealers' service parts
Production Dates :	SEP 09, 2020 - JUL 12, 2	2021	
VIN Range 1:	Begin : NR	End: NR	□ Not sequential
VIN Range 1:	Begin : NR	End: NR	Not sequent

The information contained in this report was submitted pursuant to 49 CFR §573

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Vehicle TypeMOTORCYCLES OTHER Power TrainPower TrainGASDescriptive 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 defective fuel pump. They were produced from March 25, 2021 to February 28, 202 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 709 000 1269 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.	Vehicle 4:	2022-2022 Can-Am Ryk	er	
Power Train :GASDescriptive 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 defective fuel pump. They were produced from March 25, 2021 to February 28, 202 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.• 709 000 810• 548 874 036• 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		•		
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 defective fuel pump. They were produced from March 25, 2021 to February 28, 202 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	Body Style :	OTHER		
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 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. 		been installed on Can-Ar		
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		parts in this population is sold. BRP has the VIN inf safety recall campaign. T vehicles already included	in its network. In the United S formation for 190 of those par Those parts may also have bee d in the safety recall, still be ir	tates, 893 service parts were ts and is including them in the en installed on production dealers' service parts
VIN Range 1 : Begin : NR End : NR 🗌 Not sequentia	Production Dates :	MAR 25, 2021 - AUG 30,	2022	
	VIN Range 1:	Begin : NR	End: NR	☐ Not sequential
		2.20		

The information contained in this report was submitted pursuant to 49 CFR \$573

Vehicle 5:	2023-2023 Can-Am Ryk	er	
Vehicle Type :	Ũ		
Body Style :			
Power Train :			
	pumps and when they w	ere shipped to BRP. With tha	ch lots contained defective fue at information, BRP tracked th the potentially affected service
	been installed on Can-Ar	s sold in service from the foll n Rykers from MY2019 to M	owing part numbers could hav Y2024.
	o 709 000 810 o 548 874 036		
	o 548 874 036 o 709 001 269		
	o 219 800 529		
	• BRP has indication the US.	on of a warranty claim in its	system for 9 vehicles MY2023
	parts in this population i sold. BRP has the VIN inf safety recall campaign. vehicles already include	in its network. In the United	in dealers' service parts
Production Dates :	JUN 15, 2023 - SEP 07, 2	023	
VIN Range 1: E	egin : NR	End: NR	Not sequentia
cription of Defect :			
Description of the Defec	t: The fuel pump impel	ler could swell and cause the	fuel pump to stop working.
FMVSS	I: NR		
-		ler could swell and cause the	e fuel pump to stop wo

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.

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lentificatio	on of Any Warning NR that can Occur :
volved Co	mponents :
Comj	oonent Name 1: Fuel pump module
Compon	ent Description : Fuel pump module used in production and in service (some date codes only)
Compone	nt Part Number : 709 000 810
Com	oonent Name 2 : Fuel pump module
-	ent Description : Fuel pump module used in production and in service (some date codes only)
-	nt Part Number : 548 874 036
Com	oonent Name 3: Fuel pump module
_	ent Description : Fuel pump module used in production and in service (some date codes only)
-	nt Part Number : 709 001 261
Com	oonent Name 4 : Fuel pump module
_	ent Description : Fuel pump module used in service (some date codes only)
-	nt Part Number : 219 800 529
1	
pplier Ide	ntification :
Componen	t Manufacturer
Name :	Robert Bosch LLC.
Address :	38000 Hills Tech Dr.
Country	Farmington HIlls Michigan 48831 United States
country .	
ironology	

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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. Hovever, 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.

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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 :	
	reasons.
	reasons. 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.

* NR - Not Reported

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