



WARRANTY BULLETIN

WARRANTY CAMPAIGN

CAUTION: All involved customers must be notified, all involved units must be corrected as per instruction herein.

Campaign no.: 2015-0009
2016-0006
2017-0005
2018-0008
2019-0017

June 30, 2022

Subject: **Front Sprocket Wear - Interim Solution**

No. **2019-11**

MODEL YEAR	MODEL	ADMISSIBLE UNITS
2015 2016 2017 2018 2019 (only some specific VIN)	Spyder® F3 Spyder® RT	Go to BOSSWeb/Warranty/Campaign Monitoring to know the quantity of units in your inventory impacted by this campaign

IMPORTANT

- When a vehicle comes in for service, always type the VIN in Knowledge Center to check for pending campaigns or alerts.
- When performing any work on a vehicle, it is good practice to connect it to BUDS2 to ensure that all needed updates are done.



PROBLEM

As covered in the *SAFETY CAMPAIGN BULLETIN 2019-10*, the front sprocket may be defective and may be subject to premature wear.

SOLUTION

This procedure is an interim solution until the final repair is available.

Measure front sprocket play to ensure the integrity of the splines.

If measurement is within specification, re-tighten sprocket screw to new specification.

If measurement is out of specification, replace the front sprocket and tighten sprocket screw to new specification.

NOTE: This procedure is an interim solution. Repeat this procedure every 16 000 km (10,000 mi) until the final repair is available and done.

REQUIRED PARTS

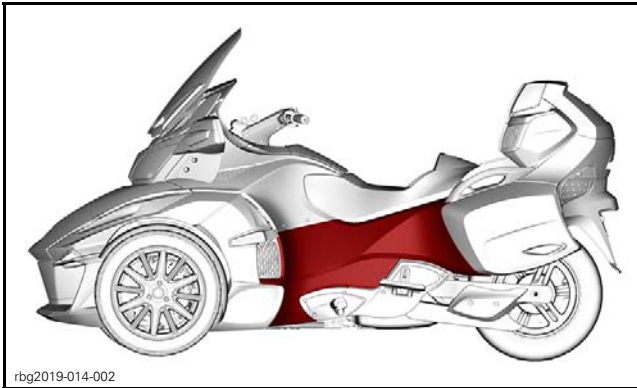
Order parts through regular channel.

NOTE: Order only if the measurement is not as specified.

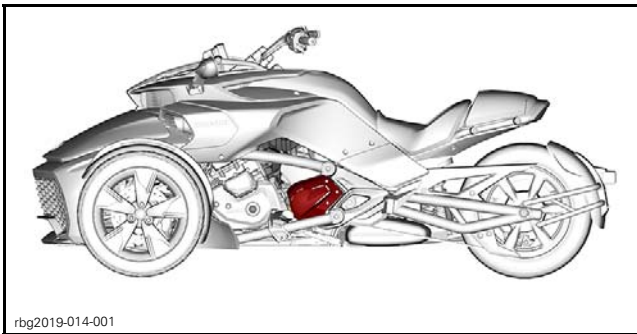
DESCRIPTION	PART NUMBER	QTY
Front Sprocket	705503239	1

CORRECTIVE ACTION

1. Remove bottom lateral panel on RT models or sprocket cover on F3 models.

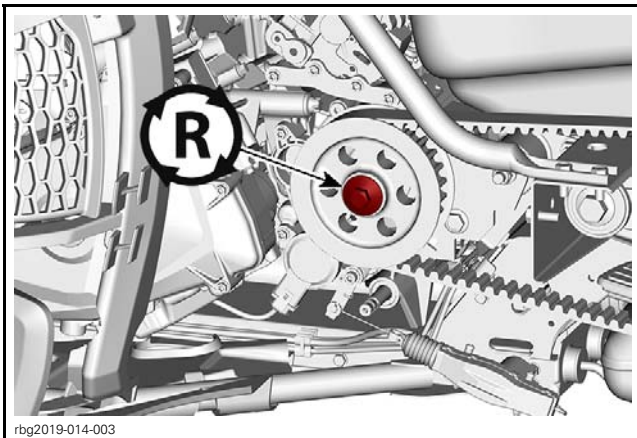


TYPICAL RT MODEL



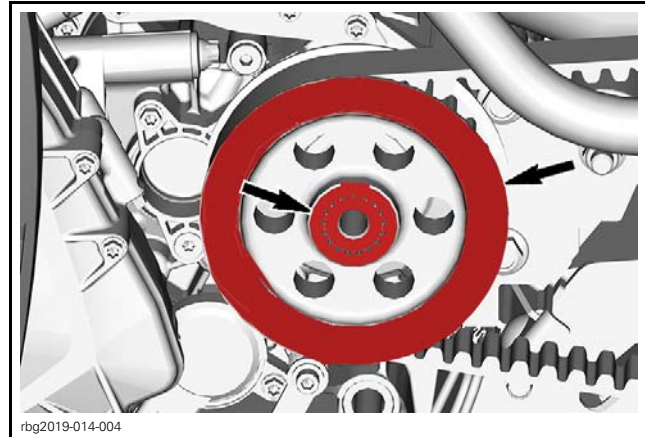
TYPICAL F3 MODEL

2. Remove and keep sprocket screw.

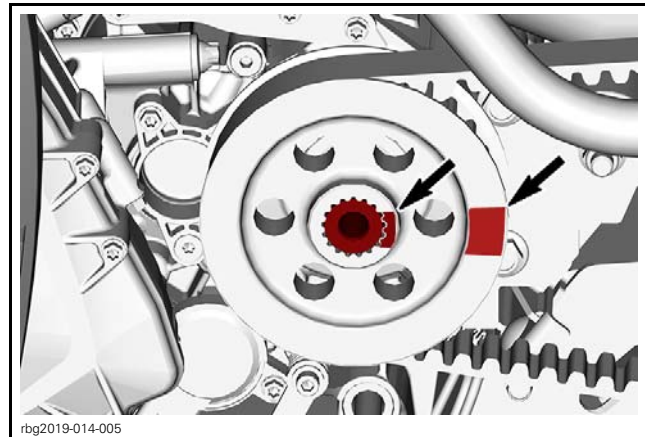


3. Using appropriate cleaner, thoroughly clean the sprocket and shaft surface.

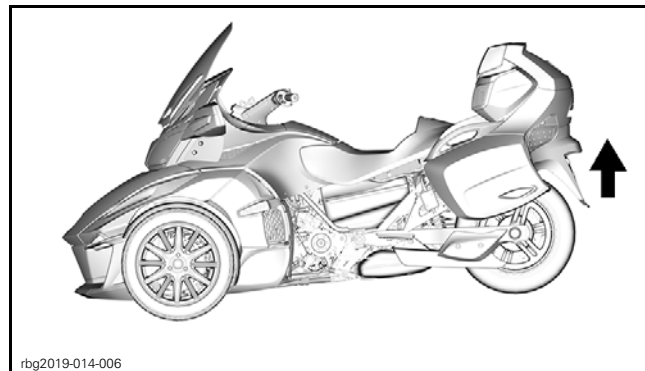
SERVICE PRODUCT
Pulley Flange Cleaner



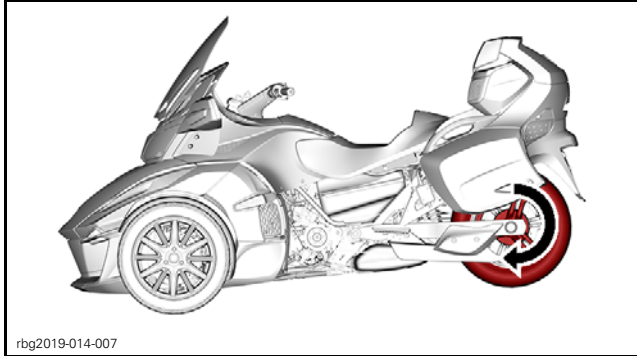
4. Apply permanent marker on shaft end and on the side of the sprocket as shown.



5. Properly lift and support the rear on the vehicle.



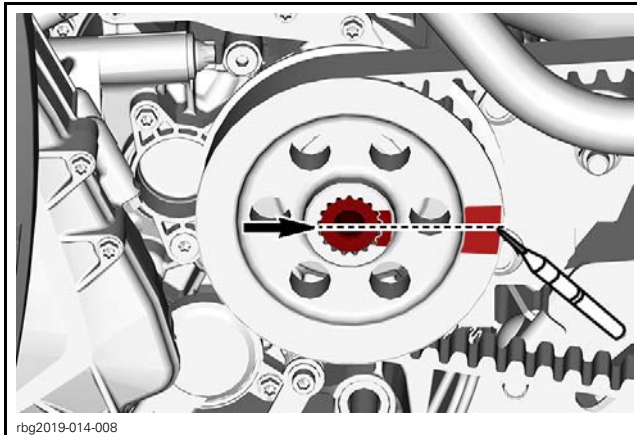
6. Rotate the rear wheel *CLOCKWISE* until the front sprocket has completed at least one (1) full turn and is returned on horizontal plane.



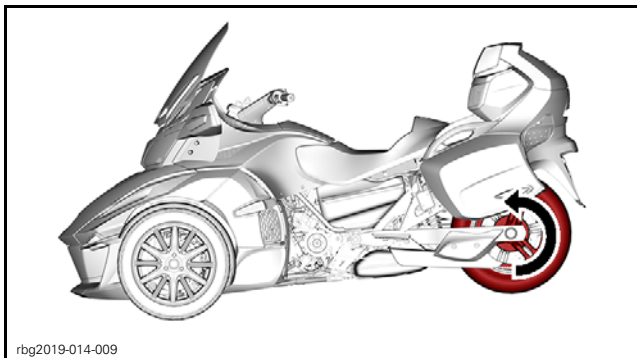
7. Using a shop ruler or a level and a sharp punch or a miniature pick, trace a line on both sides of the shaft and on the side of the sprocket.

NOTE: Using a sharp tool is mandatory to ensure measurement precision. Since the three surfaces to mark are not on the same plan, it is required that:

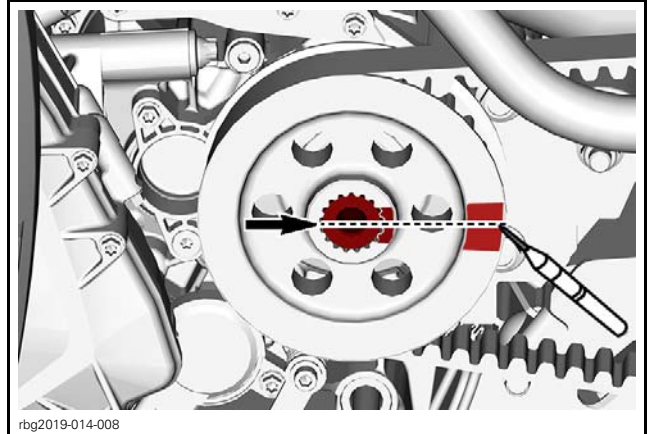
- Technician's eyes are in line with the tool,
- Tool is maintained at 90° from the surface.



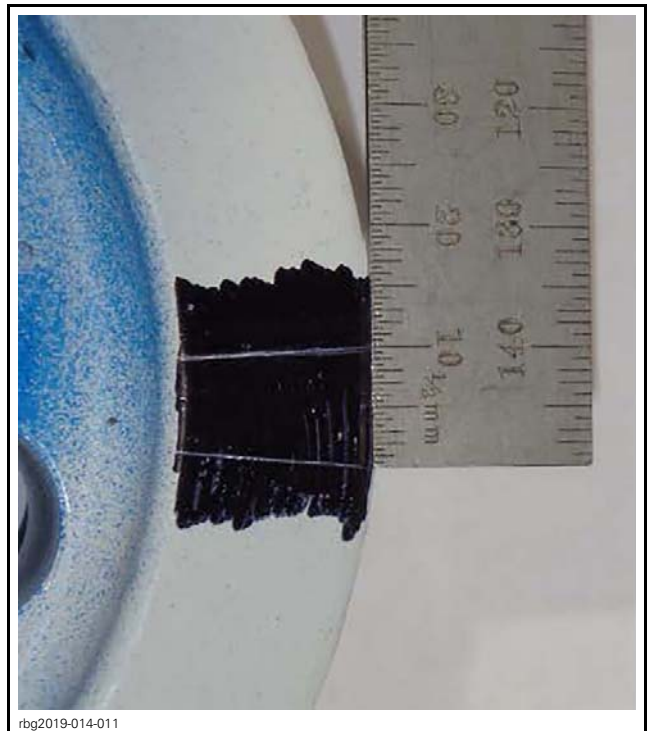
8. Rotate the rear wheel *COUNTER-CLOCKWISE* until the **shaft** has completed at least one (1) full turn and is returned on horizontal plane.



9. Place the tool back on the sprocket to line up the previously drawn mark on the shaft. Trace a second line on the side of the sprocket.



10. Measure the distance between both lines.



If the distance is **less than** 5 mm (3/16 in), proceed to step 11.

If the distance is **more than** 5 mm (3/16 in), replace front sprocket with a new one before proceeding to step 11.

11. Reinstall the front sprocket screw and tighten to specification.

NOTE: Do not use the *SERVICE MANUAL* specification. It is correct to reuse the current pulley bolt for the interim procedure. However, it will be asked to change it for the final repair procedure.

TIGHTENING TORQUE	
Front sprocket screw	150 N•m ± 10 N•m (111 lbf•ft ± 7 lbf•ft)

⚠ WARNING
The play must be re-evaluated every 16 000 km (10,000 mi).

WARRANTY

Submit a warranty claim using the following information.

For claiming procedure, refer to the **online DEALER/DISTRIBUTOR WARRANTY GUIDE**.

MY2015 Models

Inspection Only

Product Line	Roadster
Unit Model Year	2015
Campaign/Bulletin/Description	9 / 2019-11 / Interim solution front sprocket
*Action	
Inspect <input checked="" type="checkbox"/>	Repair <input type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration date	October 31, 2023

Inspection and Front Sprocket Replacement

Product Line	Roadster
Unit Model Year	2015
Campaign/Bulletin/Description	9 / 2019-11 / Interim solution front sprocket
*Action	
Inspect <input checked="" type="checkbox"/>	Repair <input checked="" type="checkbox"/>
Total Labor time paid	0.7 hour (RT models) 0.6 hour (F3 models)
Expiration date	October 31, 2023

MY2016 Models

Inspection Only

Product Line	Roadster
Unit Model Year	2016
Campaign/Bulletin/Description	6 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration date	October 31, 2023

Inspection and Front Sprocket Replacement

Product Line	Roadster
Unit Model Year	2016
Campaign/Bulletin/Description	6 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.7 hour (RT models) 0.6 hour (F3 models)
Expiration date	October 31, 2023

MY2017 Models

Inspection Only

Product Line	Roadster
Unit Model Year	2017
Campaign/Bulletin/Description	5 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration date	October 31, 2023

Inspection and Front Sprocket Replacement

Product Line	Roadster
Unit Model Year	2017
Campaign/Bulletin/Description	5 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.7 hour (RT models) 0.6 hour (F3 models)
Expiration date	October 31, 2023

MY2018 Models

Inspection Only

Product Line	Roadster
Unit Model Year	2018
Campaign/Bulletin/Description	8 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration date	October 31, 2023

Inspection and Front Sprocket Replacement

Product Line	Roadster
Unit Model Year	2018
Campaign/Bulletin/Description	8 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.7 hour (RT models) 0.6 hour (F3 models)
Expiration date	October 31, 2023

MY2019 Models

Inspection Only

Product Line	Roadster
Unit Model Year	2019
Campaign/Bulletin/Description	17 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration date	October 31, 2023

Inspection and Front Sprocket Replacement

Product Line	Roadster
Unit Model Year	2019
Campaign/Bulletin/Description	17 / 2019-11 / Interim solution front sprocket
*Action	
Inspect	Repair
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.7 hour (RT models) 0.6 hour (F3 models)
Expiration date	October 31, 2023