



WARRANTY BULLETIN SAFETY CAMPAIGN

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

Campaign no.: 2022-0007
2022-0008

July 14, 2022

Subject: **Handlebar Stem Bolt May Break - Potential Loss of Steering Control**

No. **2022-16**

REVISION ►1
July 21, 2022 ◀

► UNDERLINE TEXT(S) BETWEEN ARROWS IS (ARE) ADDED ELEMENT(S) TO THE PREVIOUS PUBLICATION. ◀

IMPORTANT

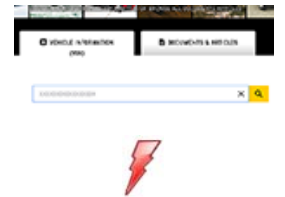
What should you do?

- Do not deliver any involved vehicle that you have in stock as federal law requires you to complete the recall service on these vehicles before retail delivery.
- Customers cannot ride their vehicle until the safety recall procedure has been performed.
- Contact all known customers who have purchased the affected product and inform them about this safety recall notice.

MODEL YEAR	MODEL	ADMISSIBLE UNITS
2022 (only some specific VIN)	Ryker™	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

The handlebar stem bolt may break suddenly. This could lead to a loss of steering control and increase the risk of a crash.

SOLUTION

Clean the threads of the steering column and install the new handlebar stem bolt.

REQUIRED PARTS

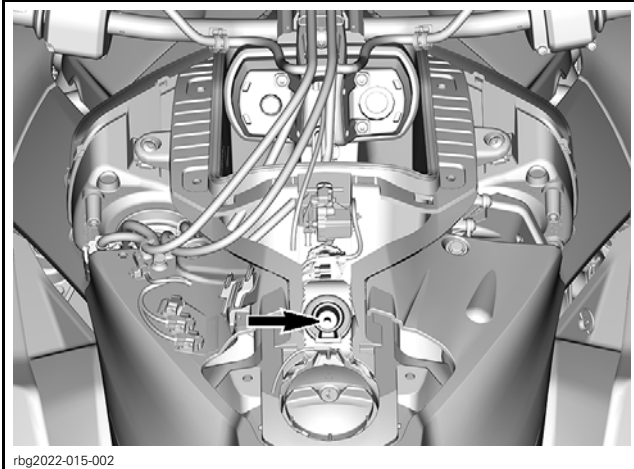
Order parts through regular channel.

DESCRIPTION	PART NUMBER
Hardware kit (M8 x 1.25 x 95 bolt and M8 flat washer)	219800550

▶ CORRECTIVE ACTION ◀

Unregistered Units

1. Blow air into the steering column cavity.
2. Pass a M8 x 1.25 mm tap in the steering column threads.



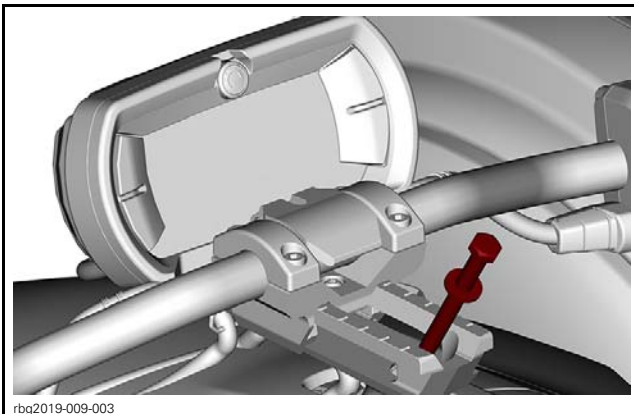
3. Clean the steering column threads using shop rags. Ensure all the debris are removed.

- ▶ 4. Clean the handlebar stem thoroughly. Remove all contaminants using a shop rag and parts cleaner before installing the stem.

SERVICE PRODUCT
XPS Brake and Parts Cleaner

- ▶
5. Install the flat washer on the new bolt from the hardware kit.
6. Apply a few drops of threadlocker on the bolt threads.

SERVICE PRODUCT
Loctite 243 (blue)



7. Refer to the *RYKER PRE-DELIVERY INSPECTION BULLETIN* to install the handlebar stem bolt on the vehicle.



8. Tighten the new handlebar stem bolt to specification.

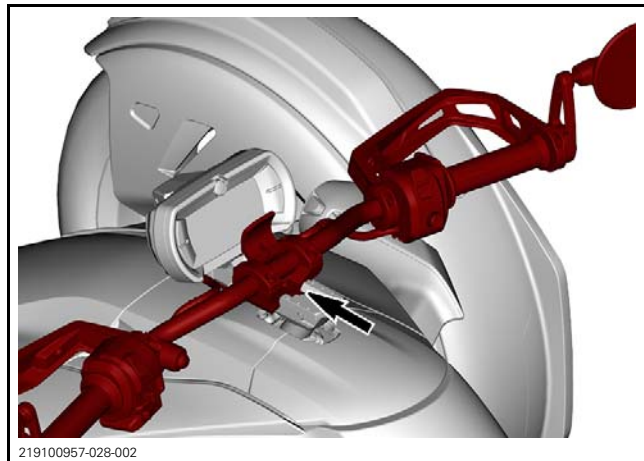
TIGHTENING TORQUE	
Handlebar stem bolt	30 N•m ± 1 N•m (22.1 lbf•ft ± .7 lbf•ft)

NOTE: Let the threadlocker cure for at least 10 minutes before riding the vehicle.

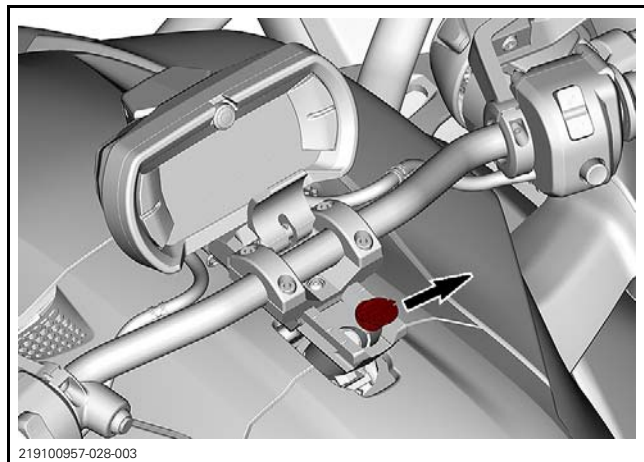


Registered Units

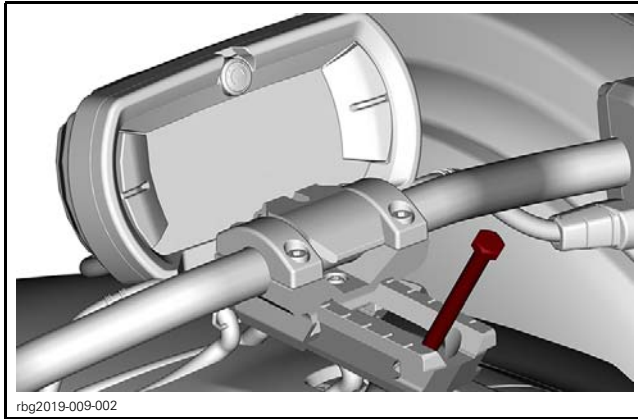
1. Lock the steering column. Refer to *LOCKING THE STEERING COLUMN* in *STEERING AND FRONT WHEELS* subsection of the appropriate online *SERVICE MANUAL*.
2. Lift locking lever and move handlebar forwards.



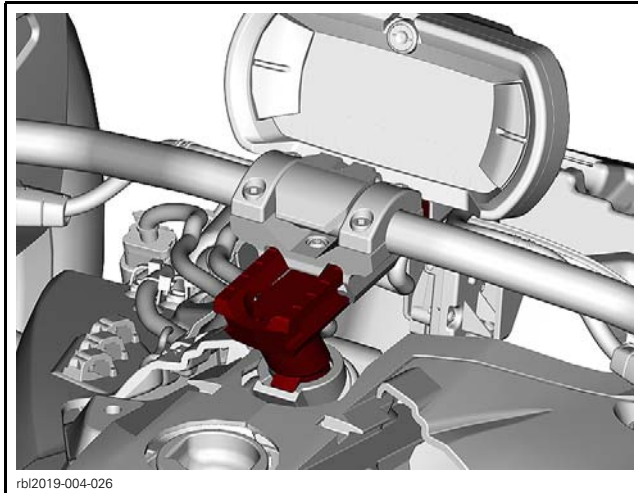
3. Remove the rubber plug.



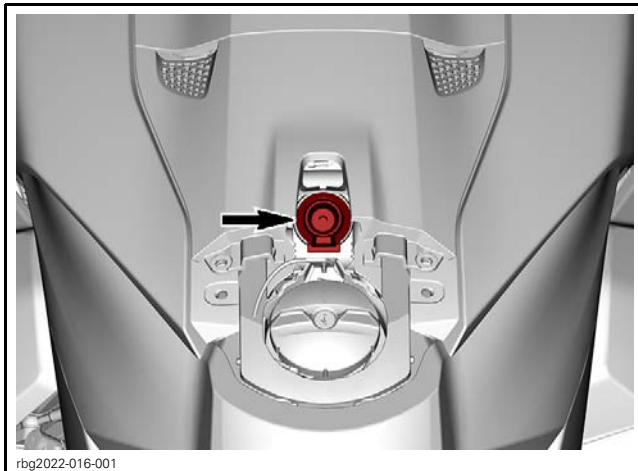
4. Remove and discard the handlebar stem flanged screw.



5. Remove the handlebar stem from the steering column. Refer to the *STEERING AND FRONT WHEELS* subsection in the appropriate **online SERVICE MANUAL**.



6. Blow air into the steering column cavity.
7. Pass a M8 x 1.25 mm tap in the steering column threads.



8. Clean the steering column threads using shop rags. Ensure all the debris are removed.

9. **▶ Clean the handlebar stem thoroughly.** Remove all contaminants using a shop rag and parts cleaner before installing the stem. ◀

SERVICE PRODUCT
XPS Brake and Parts Cleaner

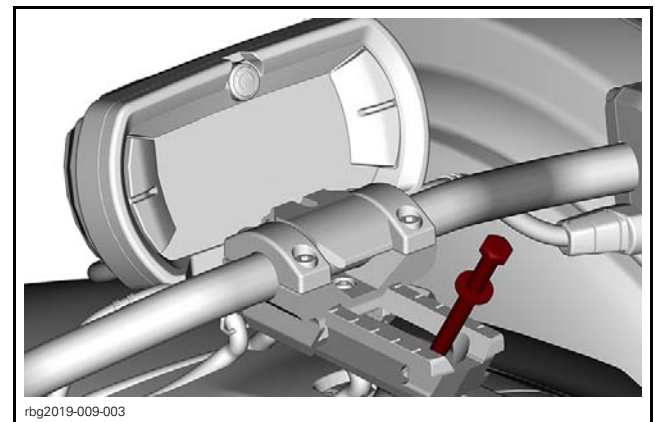
10. Install the handlebar stem into steering column.

11. Apply threadlocker on the threads.

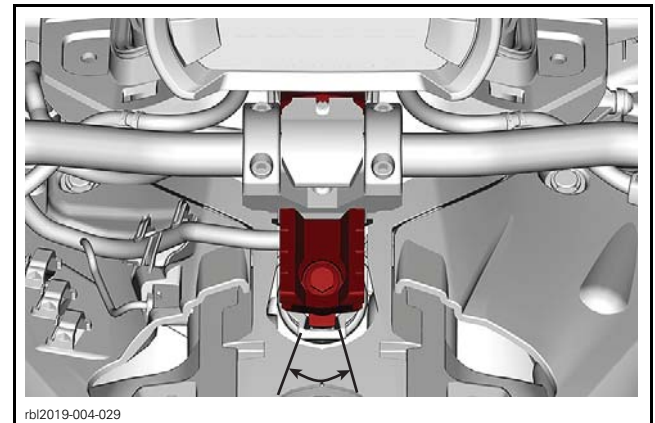
12. Install the new bolt with the flat washer from the hardware kit.

NOTE: Threadlocker is considered as shop supply and is not claimable.

SERVICE PRODUCT
Loctite 243 (blue)



13. Center the handlebar (rotation movement).



NOTE: Make sure the handlebar is clamped when centering it.

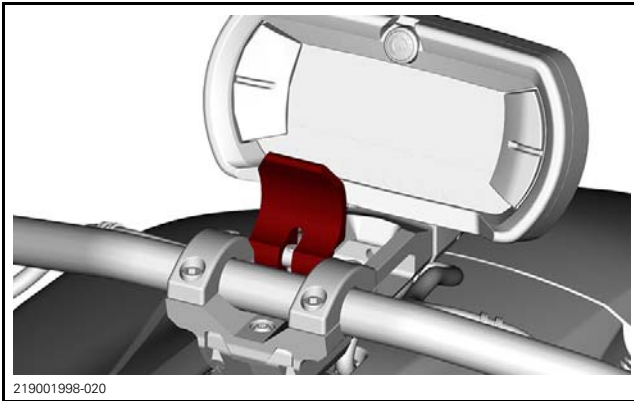
14. Tighten the bolt to specification.

▶ TIGHTENING TORQUE ◀	
Handlebar stem bolt	30 N•m ± 1 N•m (22.1 lbf•ft ± .7 lbf•ft)

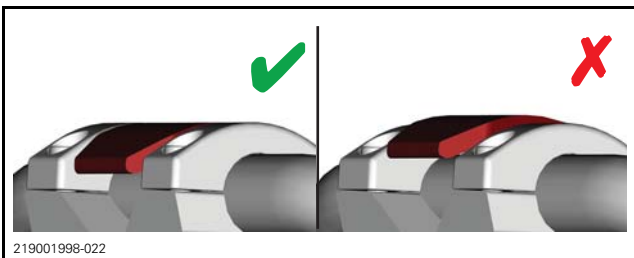
15. Reinstall the rubber plug.

NOTE: ▶ Let the threadlocker cure for at least 10 minutes before riding the vehicle. ◀

16. Position handlebar and lock it in place.



⚠ WARNING
Be sure that the locking lever is well positioned. It should be equal with the handlebar retaining clamps.



17. Unlock the steering column.

WARRANTY

Submit a warranty claim using the following information.

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

All Units - Handlebar Stem Bolt Replacement

Product Line	Roadster
Unit Model Year	2022
Campaign/Bulletin/Description	7 / 2022-16 / Handlebar stem bolt replacement
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour

International Registered Units Only (Towing)

NOTE: If needed, use the campaign below for towing expenses **outside** of the United States and Canada.

In the United States and in Canada, customers are instructed to use BRP Roadside Assistance. Make sure to also claim the Handlebar Stem Bolt Replacement campaign separately.

Product Line	Roadster
Unit Model Year	2022
Campaign/Bulletin/Description	8 / 2022-16 / Towing for handlebar stem bolt
*Action	
Inspect	Repair
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Labor time paid	1.5 hour