

Retailer Bulletin

RIB battery in downtube may be misaligned

Affected models

All Powerfly models that use the Trek Removable Integrated Battery (RIB).

What you should do

Important: Care must be taken to assure the battery is properly aligned to alleviate the risk of battery ejection.

Follow the re-alignment instructions starting on page 2.

Note: Do the front (or top) alignment steps first. Once you have correct alignment at the top, do the back (or bottom) alignment steps.

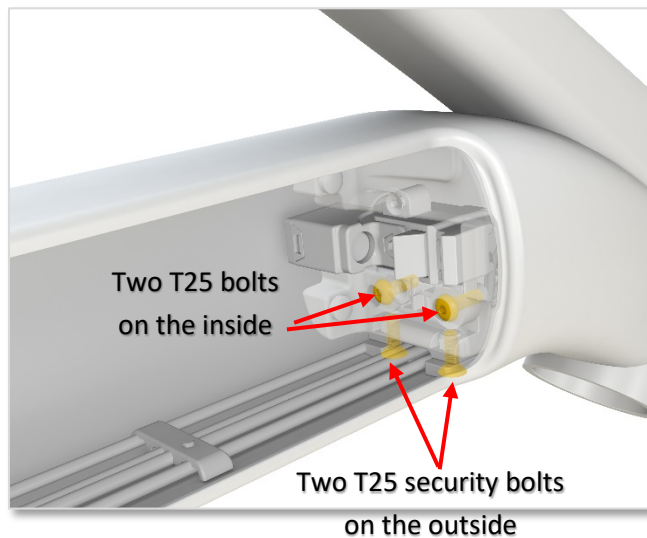


What Trek is doing

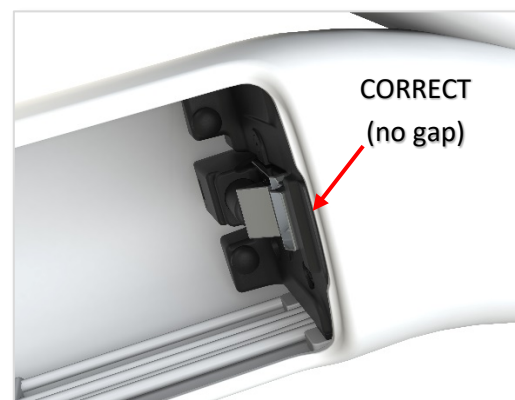
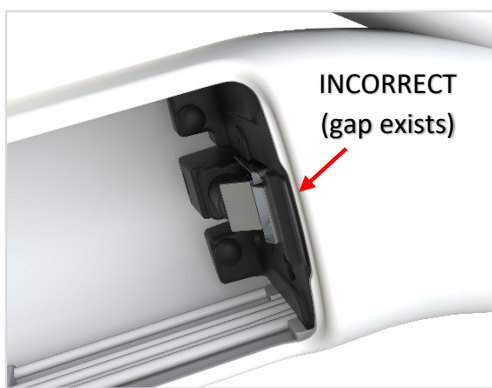
Trek is working to make sure batteries are properly aligned from the factory. However if you find an issue with alignment this instruction should allow you to solve the problem.

Front (top of down tube) battery docking alignment steps:

1. Loosen up the two T25 security bolts on the outside of the down tube and the two T25 bolts on the inside of the dock to allow the locking system to move around. Do not remove them.



2. Apply grease inside the two countersink holes of the security bolts when the bolts are loose. This will help make torquing the bolts easier when you re-assemble the system.
3. With grease applied, make sure all four bolts are still loose so the bracket and the lock are able to slide.
4. Locating the lock
 - A. On the drive side, the lip of the plastic cover should be centered within the gap of the frame. There should be no gap between the plastic lip and the frame.



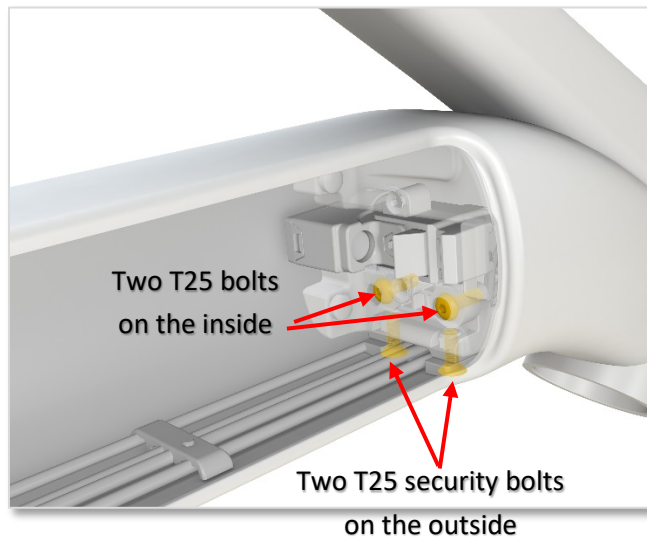
Important: When properly situated, the plastic lip should sit halfway (1mm) from the outer surface of the frame wall thickness.



- B. On the non-drive side down tube, make sure the lock is centered within the hole of the frame. Adjust as necessary.

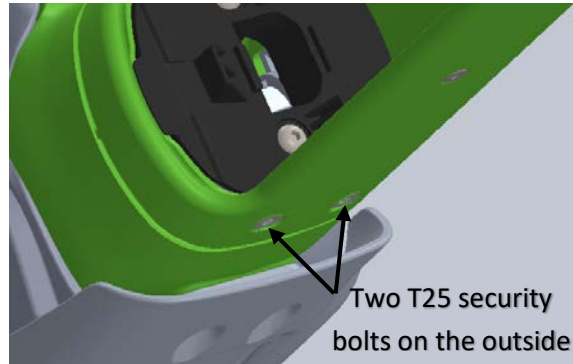


5. Torque the four T25 bolts to 5Nm.



Back (bottom of down tube) battery docking alignment steps:

1. Loosen up the two T25 security bolts on the outside of the down tube to allow the locking system to move around. Do not remove them.

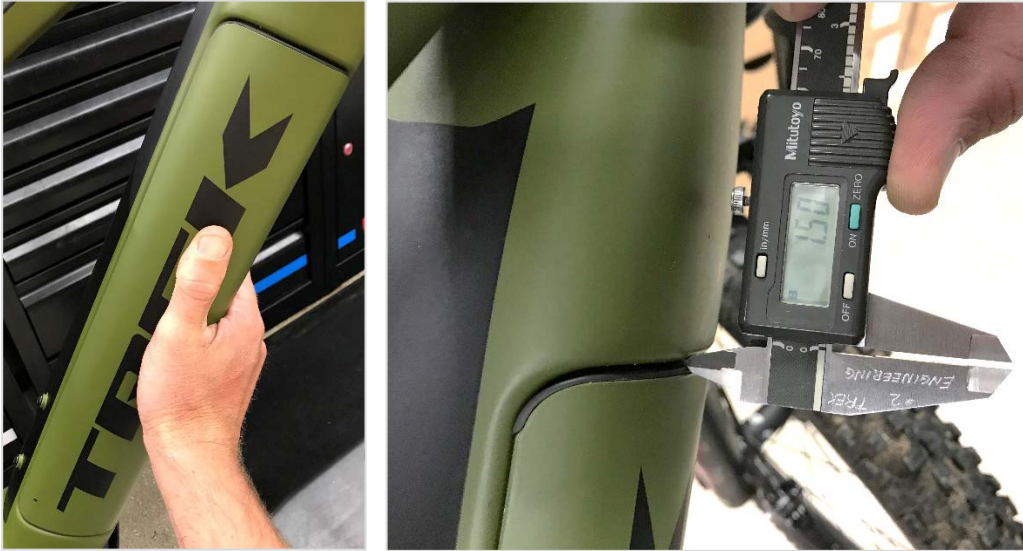


2. Apply grease inside the two countersink holes when the bolts are loose. This will help make torquing the bolts easier when you re-assemble the system.
3. Tap on the bolts with a rubber hammer to make sure the nuts on the inside are loose.

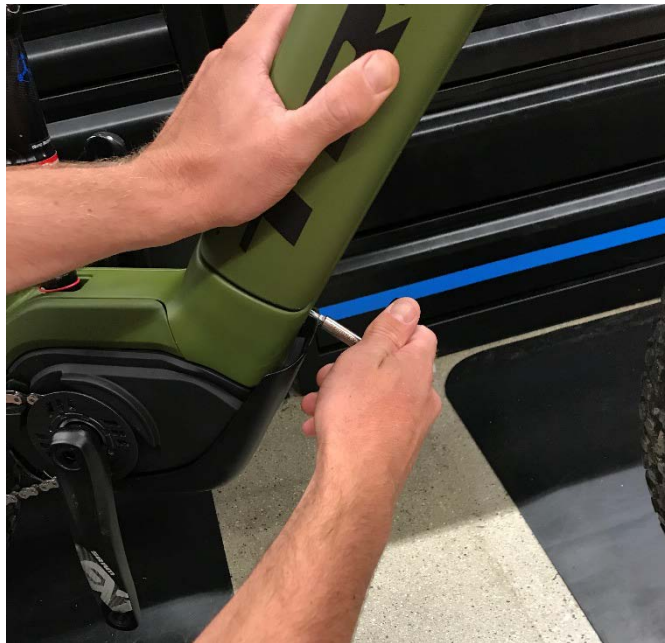


4. With grease applied, make sure the two bolts are still loose so the bracket and the lock are able to slide.

5. Insert the battery and slide it in place so it has a gap of 1.5mm at the front (top) of the battery.



6. Hold the battery in place and torque the two bolts to 5Nm.



7. Take out the battery to make sure the lock functions properly.