

RUNGU DUALIE® CARGO RACK SPARE BATTERY CARRIER INSTALLATION AND USE

Rungu Dualie Cargo Rack Spare Battery Carrier mounts to current and legacy Cargo Racks to make it easy to store a second integrated battery and extend riding range.

NOTE: Spare Battery Carrier requires the Rungu Cargo Rack. The Rungu Dualie Spare Battery Carrier is NOT compatible with Rungu Dualie units using cargo racks supplied by other vendors and Rungu Dualie units without Cargo Racks.



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Installing Cargo Rack Spare Battery Carrier

Legacy Kit includes

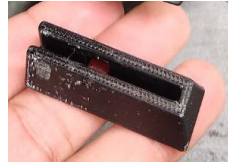
- Spare Battery Carrier
- 2 ea. Spare Battery Carrier Adapter



- 2 ea. Legacy Rack Vibration Absorber



- 4 ea. Top Section Reinforcement Bumper



- 2 ea. Latch keys

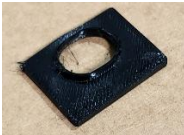


- 2 ea. M6 x 30 screws and 2 ea. M6 washers



Standard Kit includes

- Spare Battery Carrier
- 4 ea. Vibration Absorbers



- 2 ea. Latch keys



Tools required

- 5mm hex wrench (not included)
- 4mm hex wrench (not included)
- 3mm hex wrench (not included – for kickstand grabber removal and replacement)
- Wire cutters (for 1kWh batteries)



Installation Procedure – Legacy Cargo Rack



- Insert the Spare Battery Carrier adapter into one of the two center holes in the Legacy Cargo Rack from underneath as shown. Twist the adapter to lock it in place.



- Repeat the previous step to place the second Spare Battery Carrier Adapter into the second hole in the Legacy Cargo Rack.



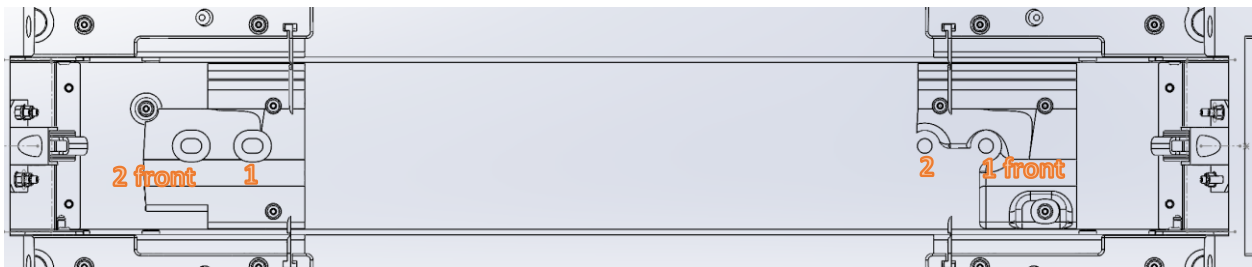
- Insert the Legacy Vibration Absorbers over the Spare Battery Carrier adapters – chamfer side down as shown.



- Snap on each of the four corners of the Cargo Rack Spare Battery Carrier with Top Section Reinforcement Bumpers as shown.



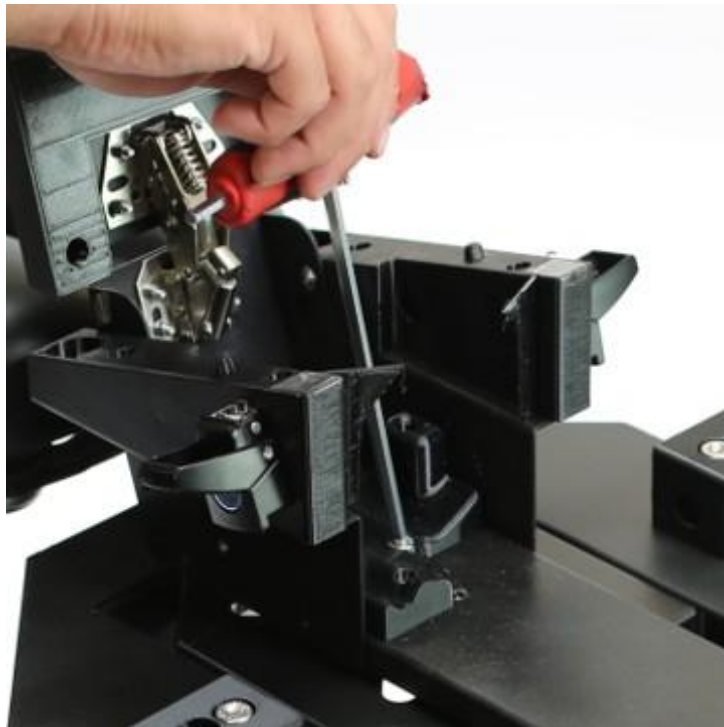
- The Spare Battery Carrier can mount to the Cargo Rack in a way that is centered (Position 1) or with the rack or further to the back (Position 2) to allow more clearance for the back of the saddle. *To position the carrier further back from the saddle, reverse the orientation of the carrier in the following instructions and use the holes marked “2” in the image below.*



- Mount the Spare Battery Carrier on the vibration absorbers.



- Insert the M6x30 socket head cap screw through the hole in the front of the carrier and tighten it using a 5mm hex wrench.



- Use a 5mm hex wrench to tighten the rear M6 x 30 socket head cap screw.



Installation Procedure – Cargo Racks Shipped from late 2025 onward

- Use a 4mm hex wrench to remove the Mud Guard from the Cargo Rack. Put the mud guard aside with each M6x22 hex flange screw. You will reuse the screws to fasten the spare battery carrier to the Cargo Rack.

NOTE: If your Cargo Rack has a heavy-duty kickstand installed, remove both kickstand “grabbers” from the upper part of the Cargo Rack.



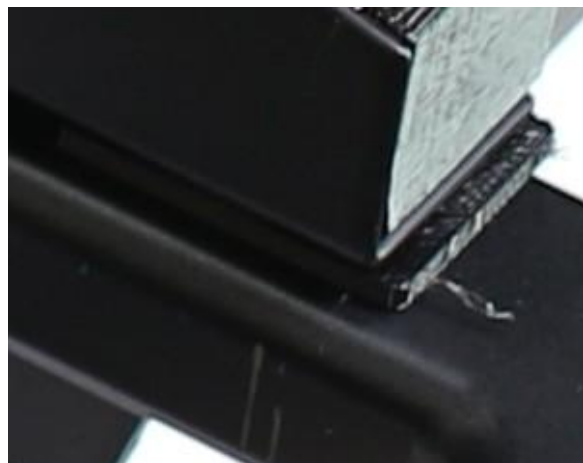
- If you did not remove kickstand “grabbers”, place the 4 vibration absorbers over the rivet nuts circled below.



- If you plan to reinstall kickstand grabbers, replace the kickstand grabber support brackets as shown below. Place vibration absorbers on the remaining two mounting holes.



- Align Spare Battery Carrier with the center of the rack and place it on top of the vibration absorbers (and kickstand grabber support brackets, if necessary) so that the mounting holes align.



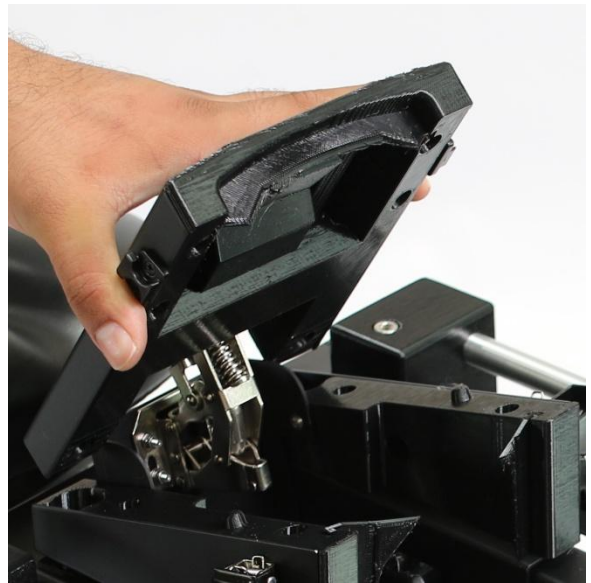
- With the doors open, insert an M6x22 flange screw (removed in the first step) in each corner of the carrier, and tighten using a 4mm hex wrench.



Installation Procedure – Adjusting the gaskets for 1,000 Wh (1kWh) Batteries

Rungu Dualie Spare Battery Carrier comes with gaskets designed to limit water and dust ingress to the ends of the battery. The stock carrier uses gaskets designed for 830 Wh or 750 Wh batteries (legacy). Though you can use the carrier with a 1,000 Wh Battery without changes, these optional instructions show you how to trim the gaskets on each side for a better fit.

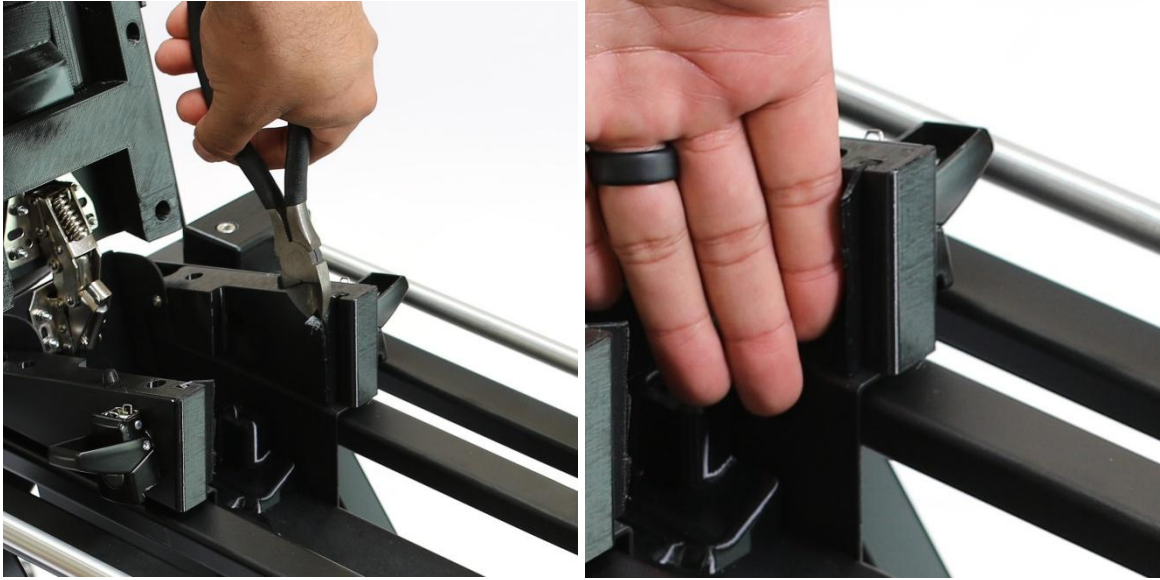
- On the front cover, use wire cutters to follow the recessed trace and remove the three gasket extensions on the gasket as shown below.



- On the front left carrier support, use a pair of wire cutters and follow the recessed trace to trim the left gasket.



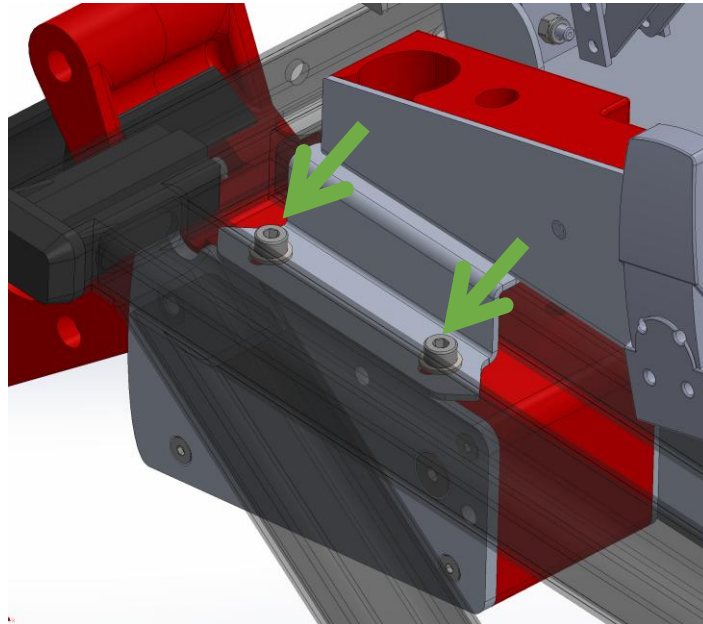
- On the front right carrier support, use a pair of wire cutters and follow the recessed trace to trim the small triangular tab from the right gasket.



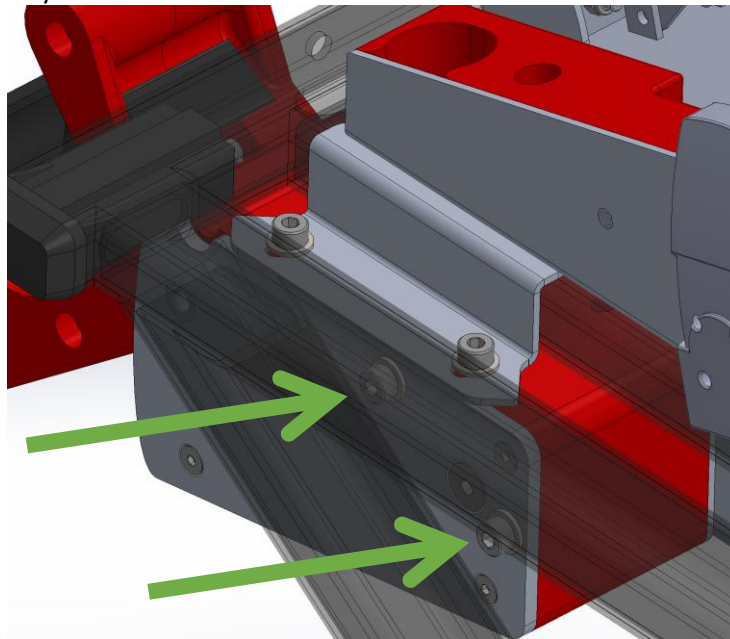
- Repeat these steps on the other end of the carrier.

Installation Procedure – Reinstalling Kickstand Grabbers

- From underneath the Cargo Rack align a grabber with the right side of the Spare Battery Carrier and push the grabber up against the support bracket. From the top of the support bracket, install and finger-tighten M4x55 Socket Head Cap Screws and M4 washers you removed before installing the Spare Battery Carrier. Do not fully tighten these screws.



- Align the grabber with the mounting holes on the side of Spare Battery Carrier and install and finger-tighten M4x55 Socket Head Cap Screws and M4 washers you removed before installing the Spare Battery Carrier.



- Use a 3mm Hex Wrench to tighten all four screws, then repeat these instructions from the left side for the second grabber assembly.

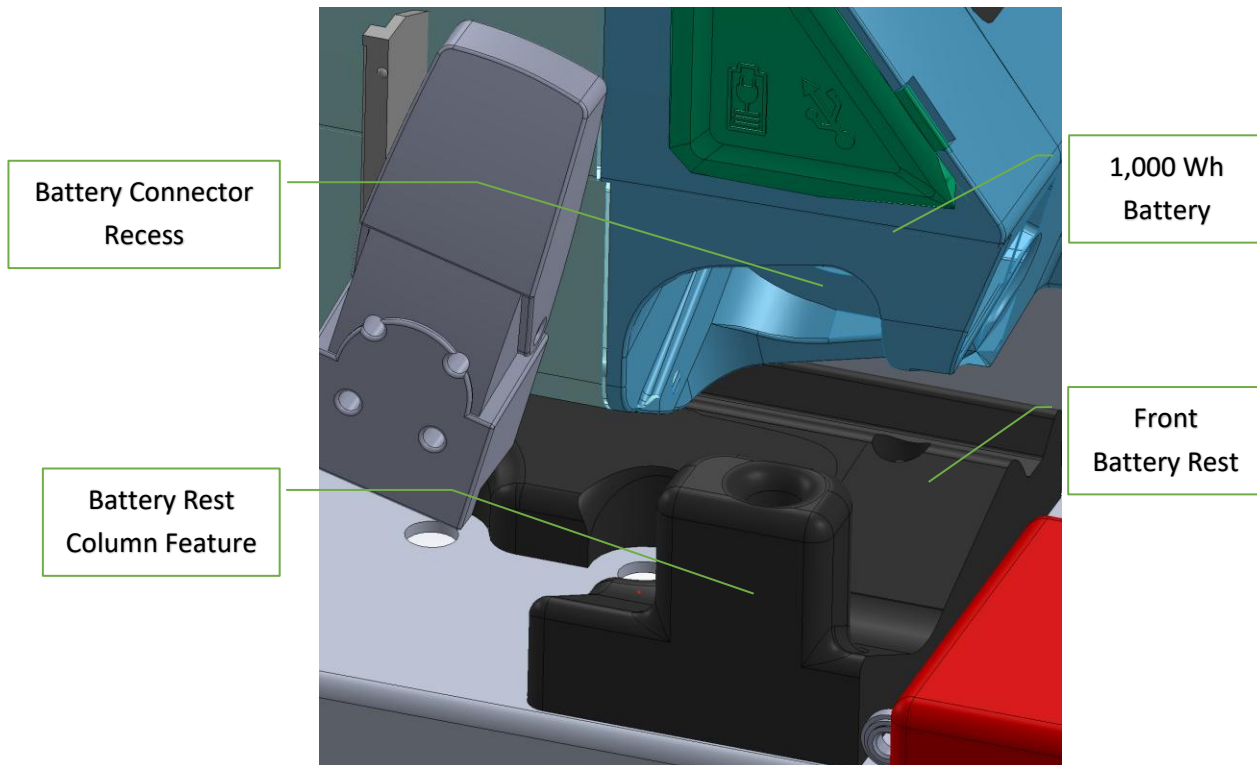
Using Cargo Rack Spare Battery Carrier

Placing the battery

- Unlatch and open covers on both ends of the carrier



- Orient the battery such that the Battery Connector Recess goes over the column feature on the front battery rest (or rear if you mounted the carrier in a reverse orientation)



- Place the battery on the two rests at either end of the carrier.



Closing and locking both covers

- Once the battery is in place, close both covers.

Note: Battery Rests may cause the battery to stick too far forward or backward for one of the covers to fully close. Shift the battery forward or backwards until both covers close to their limits.



- Lift and close all four latches. Be sure that the latch fully retains each catch (on either side of the cover).



- Insert and turn the key to lock each latch. Keyholes point upward when locked.

Note: Locking the latches is not required, but advisable when parking Rungu Dualie in busy areas.



Other questions

For other questions, please email support@riderungu.com or call +1 (949) 877-9755.