

RUNGU® HEAVY-DUTY KICKSTAND INSTALLATION AND USE-2025 CARGO RACK VERSION

Rungu Heavy-Duty Kickstand works with Rungu Cargo Racks (shipped since mid-2025) to support and restrain Rungu Dualie® Double-Wheel E-Bikes when parking on uneven terrain or with unbalanced cargo loads.

NOTE: Rungu Heavy-Duty Kickstand requires the Rungu Cargo Rack for mounting to Rungu Dualie Units. The Rungu Dualie Heavy-Duty Kickstand is not compatible with Rungu Dualie units using cargo racks supplied by other vendors or Rungu Dualie units without Cargo Racks.



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Installing Heavy-Duty Kickstand

Kit includes

- Left-Side Kickstand Pivot Assembly



- Right-Side Kickstand Pivot Assembly



- Kickstand Foot



- 2 ea. Mounting Spacers



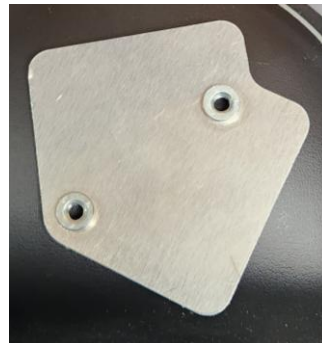
- Grabber Assembly



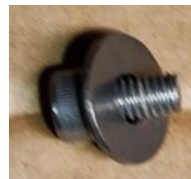
- Grabber Top mount plate



- Inner Grabber Mount



- 4 ea. M6 x 10 screws and 4 ea. M6 washers



- 2 ea. M6 x 22 screws and 2 ea. M6 washers



- 8 ea. M4 x 55 button head cap screws and M4 washers



- 4 ea. M6 x 55 button head screws with
4 ea. M6 split washer



- Kickstand wedge



- 4 ea. M6 standoffs



- Loctite Thread Locker



- 2 ea. Spare Battery Carrier Top Plate

Tools required (not included)

- 2mm hex wrench
- 4mm hex wrench
- 5mm hex wrench
- 6mm hex wrench

Installation Procedure

- Use the 6mm hex wrench to remove the four M8x16 screws and washers that fasten the Cargo Rack to the back of the bike. Put the screws and washers aside for reinstallation in a later step. Remove the Cargo Rack with Cargo Rack Mounts and place it upside down on a flat surface as shown.

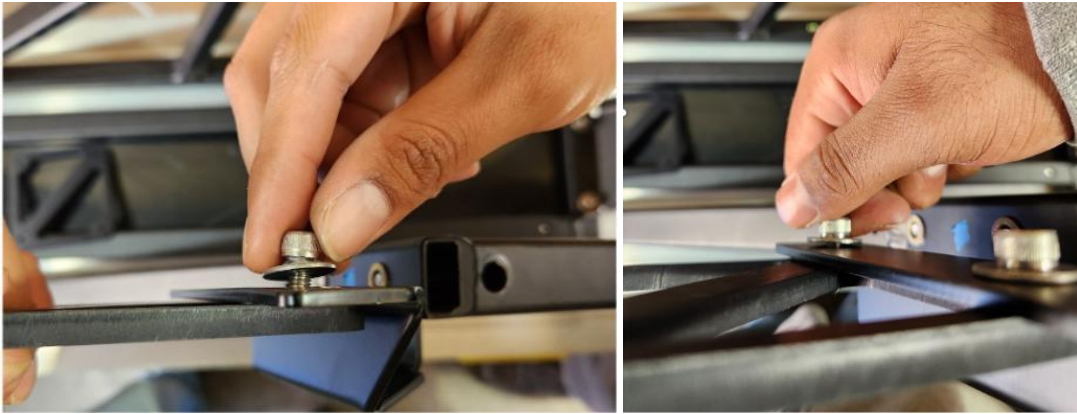


Kickstand Mounting Spacer installation

- Orient one of the two Mounting Spacers on the left-side rear Cargo Rack mount as shown.



- Apply a drop of Loctite Thread Locker on the threads of two of the M6 x 10 screws. By hand, thread each M6 x 10 screws into the Mounting Spacer from the inside of the rear Cargo Rack mount.



- Use a 5mm hex wrench to fully tighten both screws.



- Orient the remaining Mounting Spacer on the right-side rear Cargo Rack mount as shown.



- Apply a bead of Loctite Thread Locker on the threads of two of the M6 x 10 screws. By hand, thread each M6 x 10 screws into the Mounting Spacer from the inside of the right-side - rear cargo rack mount.



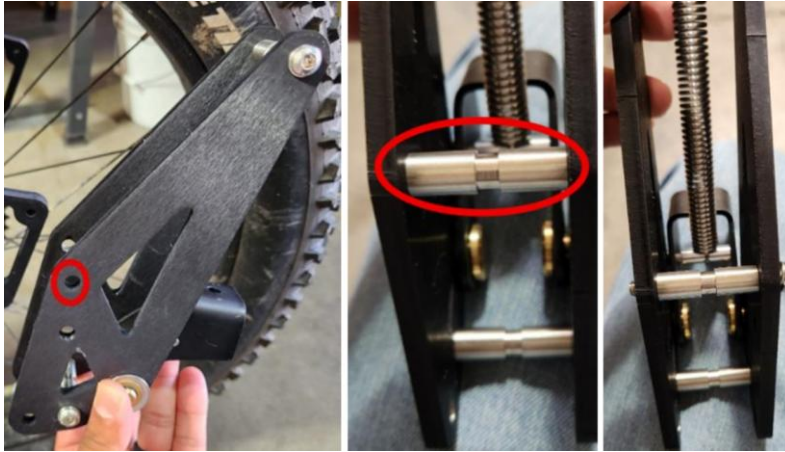
- Use a 5mm hex wrench to fully tighten both screws.



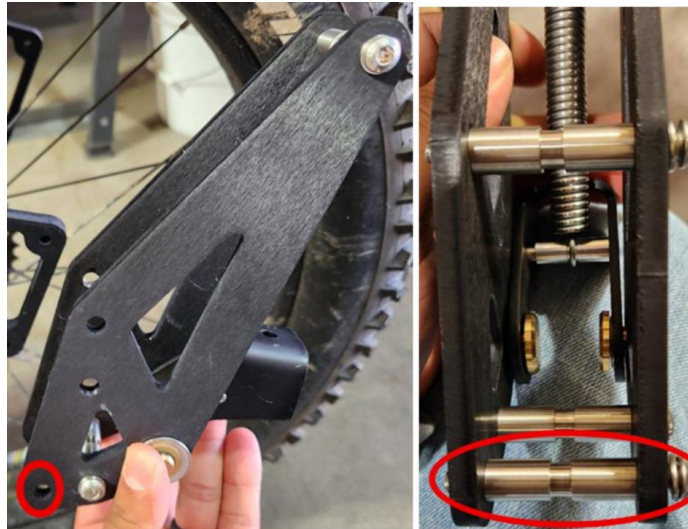
- Re-install the rear Cargo Rack onto the bike. Use the four M8 screws and washers removed at the beginning to fasten the Cargo Rack to the bike.

Kickstand Pivot installation

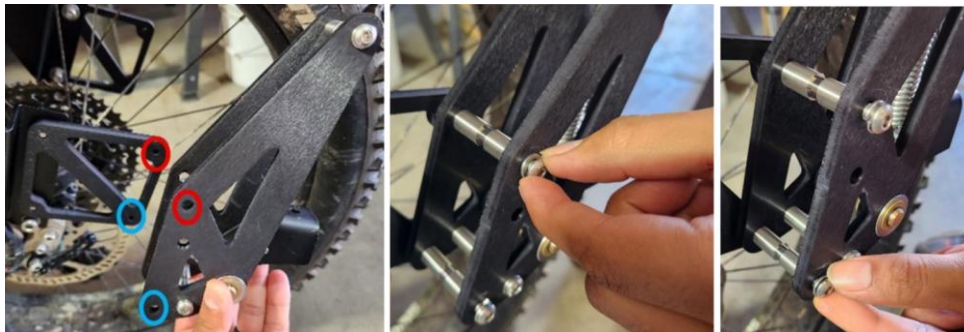
- Insert an M6 standoff between the two plates of the Left-Side Kickstand Pivot Assembly. Line up the standoff with the upper mounting hole circled below. Then install an M6x55 button head screw with split washer through the assembly and standoff.



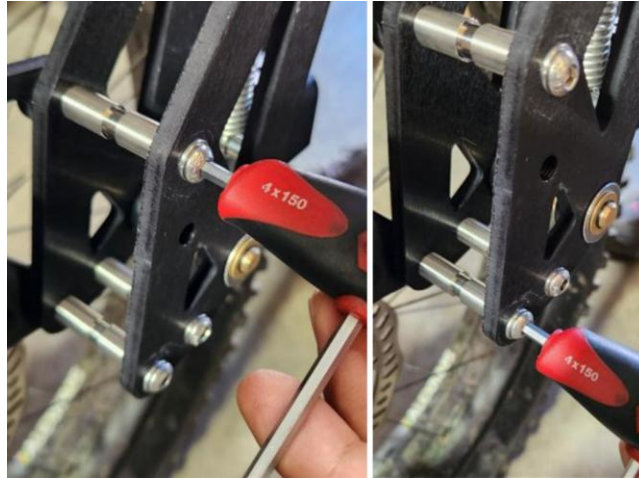
- Repeat the previous step for the lower mounting hole circled below.



- Line up the two mounting holes on the Left-Side Kickstand Pivot Assembly with the holes on the Left-Side Mounting Spacer and thread both M6 screws by hand into the Mounting Spacer.



- Use a 4mm hex wrench to fully tighten both screws.



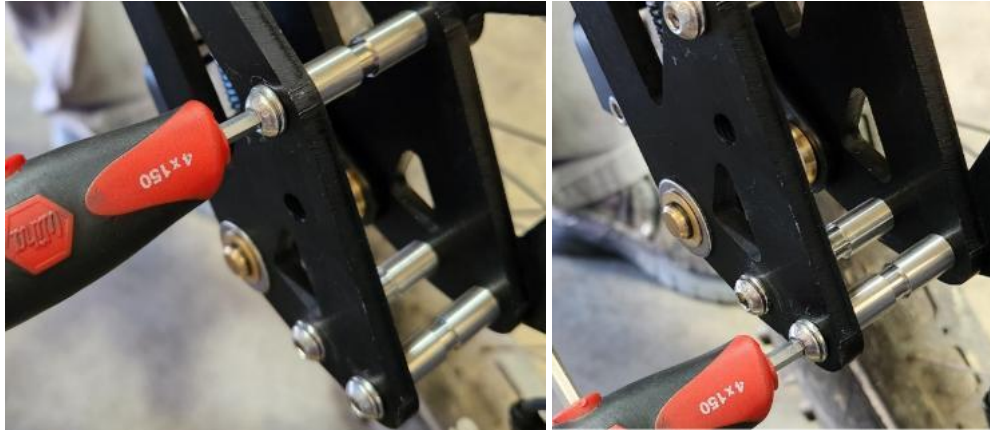
- Insert an M6 standoff between the two plates of the Right-Side Kickstand Pivot Assembly. Line up the standoff with the upper mounting hole circled below. Then install an M6x55 button head screw with split washer through the assembly and standoff.



- Line up the two mounting holes on the Right-Side Kickstand Pivot Assembly with the holes on the right-side Mounting Spacer and thread both M6 screws by hand into the Mounting Spacer.



- Use a 4mm hex wrench to fully tighten both screws.



Kickstand Grabber Installation - Mud Shield

- At the back of the Rear Cargo Rack, use a 4mm hex wrench to remove both M6 x 22 flanged button head screws shown from the Mud Shield as shown



- Lift the rear Cargo Rack Mud Shield slightly and remove both Mud Shield standoffs. Set the M6x22 flanged button screws aside, they will be used in a later step.



- Lift the rear Cargo Rack Mud Shield and place the Top Mount plates on the left and right as shown. Lowering the Mud Shield holds them in place.



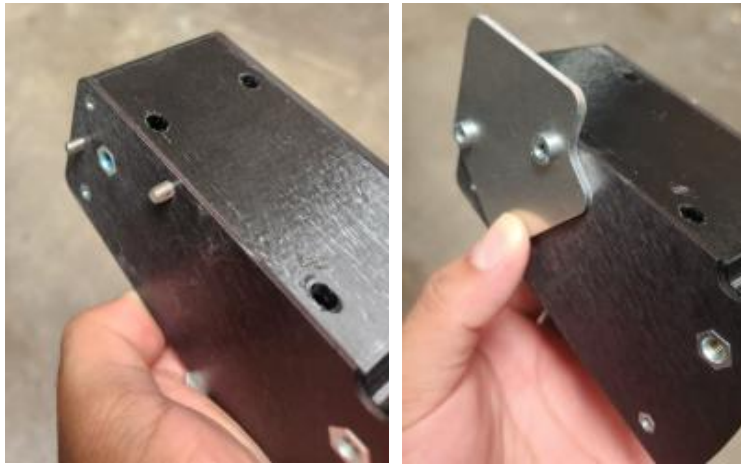
- Replace the M6 x 22 flanged button head screws and use a 4mm hex wrench to tighten both to capture both Top Plates.



- For the right side, insert two M4 x 55 button head cap screws and M4 washers into a Grabber Assembly from the side with the head of the M5 flat head cap screw.



- Orient the inner mount as shown.



- Use a 2.5mm hex wrench to tighten both M4 x 55 button head cap screws.



- Insert the Grabber Assembly on the right side from under the Rear Cargo Rack as shown. Hold the assembly in place so the inner mount rests flush with the bar under the Mud Shield.



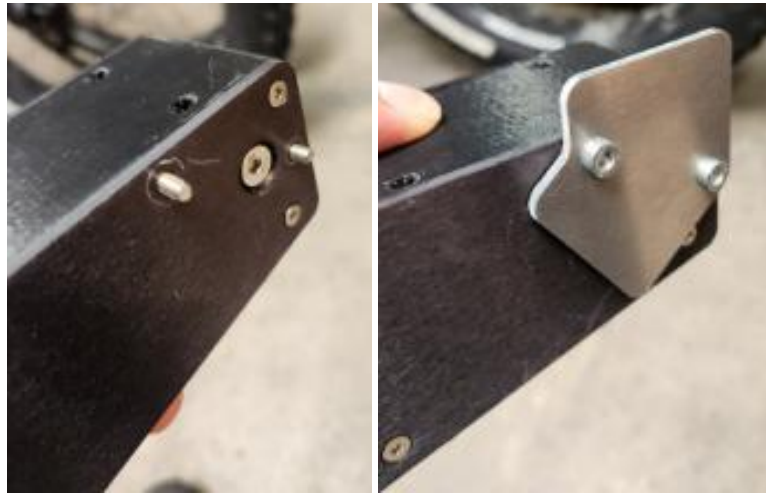
- While holding the Grabber Assembly in place, align the assembly so the fastener holes in the assembly align with the slots on the Top Plate. Insert two M4 x 55 button head cap screws with M4 washers, then use a 2.5mm hex wrench to fasten both M4 x 55 button head cap screws and M4 washers shown.



- For the left side, insert two M4 x 55 button head cap screws and M4 washers into the second Grabber Assembly from the side with the end of the standoff.



- Orient the inner mount as shown.



- Use a 2.5mm hex wrench to tighten both M4 x 55 button head cap screws and M4 washers.



- Insert the Grabber Assembly on the left side from under the Rear Cargo Rack as shown. Hold the assembly in place so the inner mount rests flush with the bar under the Mud Shield



- While holding the Grabber Assembly in place, align the assembly so the fastener holes in the assembly align with the slots on the Top Plate. Insert two M4x55 button head cap screws with M4 washers, then use a 2.5mm hex wrench to fasten both M4 x 55 button head cap screws and M4 washers shown.

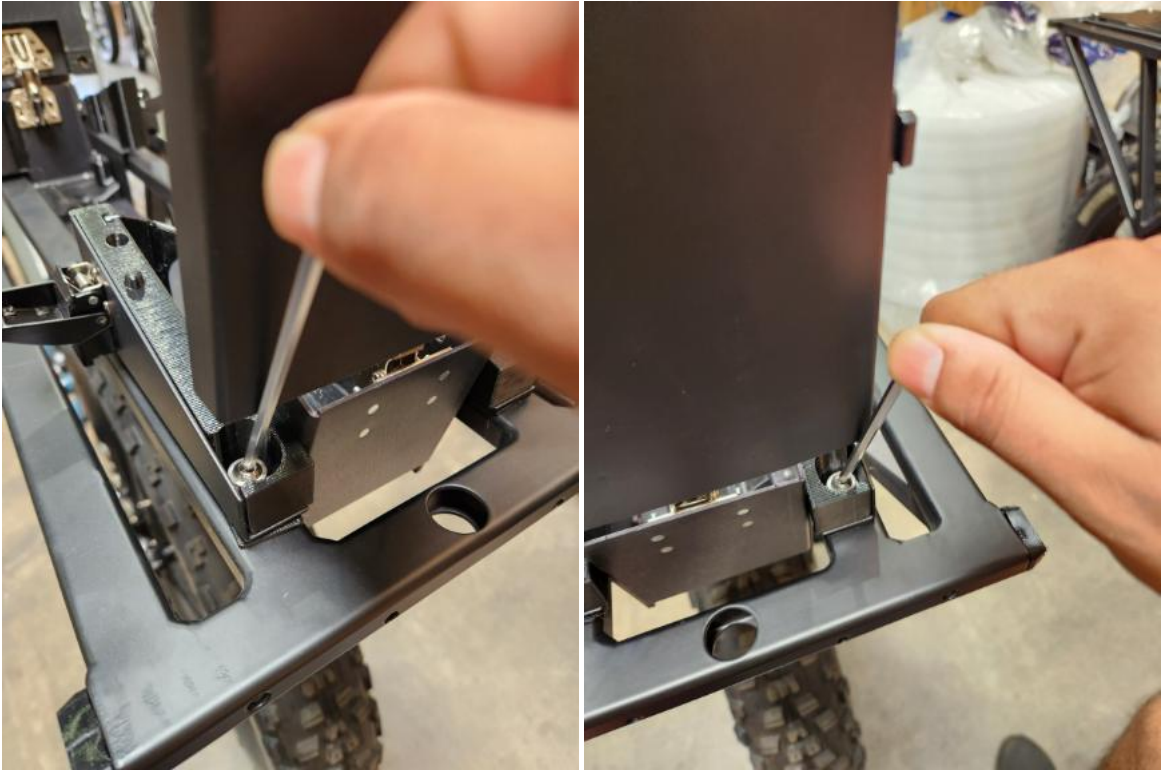


- Use a 4mm hex wrench to fully tighten all four Mud Shield screws.

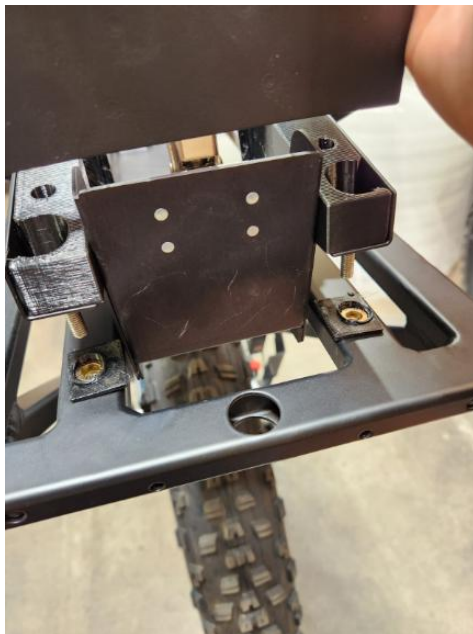


Kickstand Grabber Installation - Spare Battery Carrier

- Use a 4mm hex wrench to loosen the two rear M6 x 22 flanged button head screws.



- Lift the Spare Battery Carrier and remove both vibration absorbers.



- Install the left and right Spare Battery Carrier Top Plates as shown.



- Insert the Right-Side Grabber Assembly from under the Rear Cargo Rack as shown and align the embedded nuts with the mounting holes on the Spare Battery Carrier Top Plate.



- Use a 2mm hex wrench to fasten both M4 x 55 button head cap screws and M4 washers shown. Do not fully tighten the screws; they will be fully tightened in the next step.



- Use a 2mm hex wrench to fasten both M4 x 55 button head cap screws and M4 washers shown. Fully tighten all four screws.



- Insert the Left-Side Grabber Assembly from under the Rear Cargo Rack as shown and align the embedded nuts with the mounting holes on the Mud Shield Top Plate.



- Use a 2mm hex wrench to fasten both M4 x 55 button head cap screws and M4 washers shown. Do not fully tighten the screws; they will be fully tightened in the next step

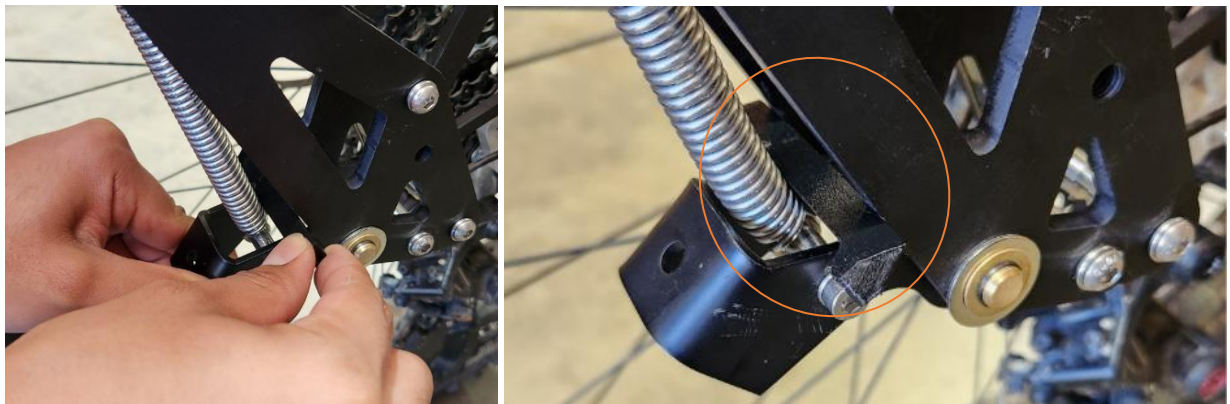


- Use a 2mm hex wrench to fasten both M4 x 55 button head cap screws and M4 washers shown. Fully tighten all four screws.



Kickstand Foot installation

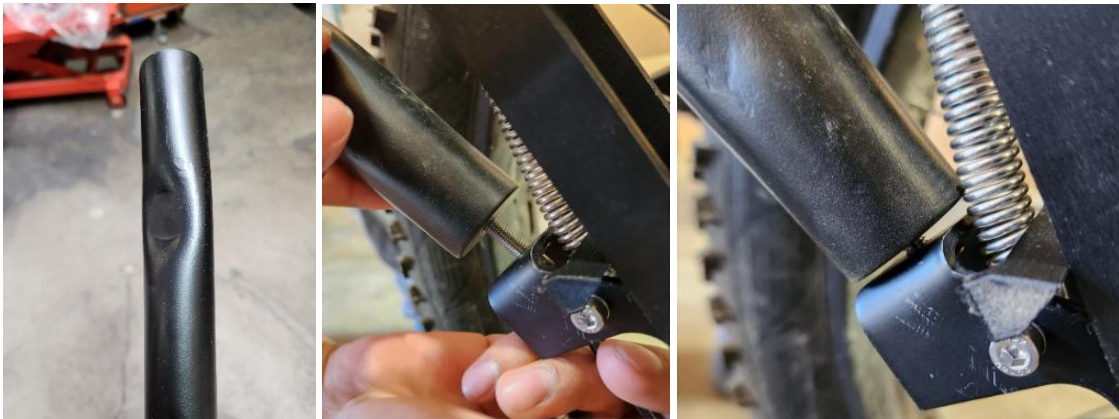
- Push down on the right-side Kickstand Foot mounting bracket and insert the Kickstand Wedge as shown.



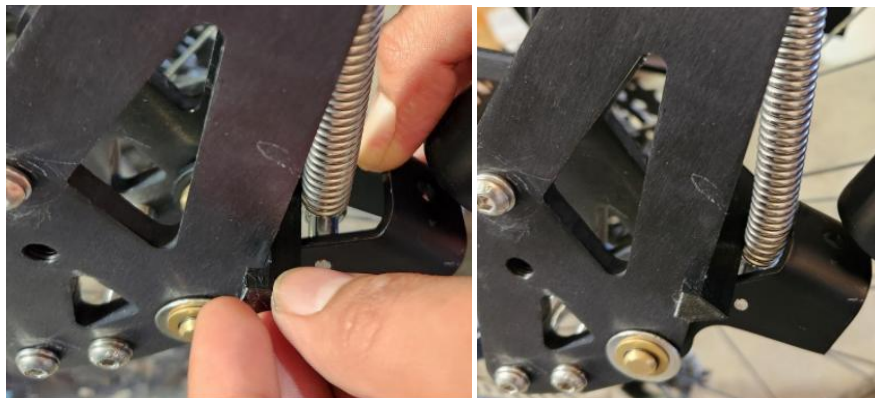
- Put a drop of Loctite Thread Locker onto the threads of an M6 x 22 screw. Then insert the M6 x 22 screw with an M6 washer not shown into the foot mounting bracket as shown below. Use a 5mm hex wrench to keep the screw in place for the next assembly step.



- Choose the leg with the indent and line up the threaded end with the M6 x 22 screw and use a 5mm hex wrench to fasten the screw. Do not fully tighten, this will be done in a later step. Remove the kickstand wedge.



- Push down on the left-side Kickstand Foot mounting bracket and insert the kickstand wedge as shown.



- Put a drop of Loctite Thread Locker onto the threads of an M6 x 22 screw. Then insert the M6 x 22 screw with an M6 washer (not shown) into the foot mounting bracket as shown below. Use a 5mm hex wrench to keep the screw in place.



- Line up the threads of the Kickstand Foot with the M6 x 22 screw and use a 5mm hex wrench to fasten the screw. Do not fully tighten, this will be done in a later step. Remove the kickstand wedge.



- Use a 5mm hex wrench to fully tighten both M6 x 22 screws.



Using the Heavy-Duty Kickstand

The Heavy-Duty Kickstand is designed to support up to 350 lbs. of stationary weight on flat ground. It is easy to deploy and retracts automatically into a secured position when you roll Rungu Dualie forward. The kickstand has several damping devices that prevent rattle when secured.

Cautions, Warnings and Notes

WARNING: DO NOT USE THE KICKSTAND FOOT FOR TOWING AS A TOW BAR AS THIS MAY DAMAGE THE GRABBER AND PIVOT ASSEMBLIES.

WARNING: DO NOT LOAD THE KICKSTAND BEYOND THE SPECIFIED LIMIT OF 350 LBS. DOING SO MAY DAMAGE THE KICKSTAND PIVOT.

CAUTION: BEFORE DEPLOYING THE HEAVY-DUTY KICKSTAND, DISCONNECT RUNGU CARGO TRAILER, RUNGU DEER CART OR ANY OTHER AXLE MOUNTED TRAILER THAT MAY INTERFERE WITH KICKSTAND DEPLOYMENT.

Note: DO use the kickstand to lift the rear of Rungu Dualie.

Note: DO deploy the kickstand for derailleur tuning and rear wheel flat repair.

Deploying the Heavy-Duty Kickstand

- Disengage parking brakes. 2024 Rungu Dualie® parking brake shown below in the disengaged position. Disconnect any trailers that may interfere with deployment.



- Ensure that the front wheels are pointed straight.



- Eject the Kickstand Foot from the Grabber assemblies by pressing down on the base of the grabber claws.



- With the foot released, rotate the Kickstand Foot away and down.



- Use your foot to rotate the Kickstand Foot the rest of the way to the ground.



- Grab the back of the Cargo Rack and pull the bike backwards to set the kickstand.



Resetting the Heavy-Duty Kickstand

- Disengage parking brakes. 2024 Rungu Dualie® parking brake shown below in the disengaged position. Disconnect any trailers that may interfere with deployment.



- Hold the handlebars and walk the bike forward. The Kickstand Foot rotates back into the grabber claws on its own.



Kickstand Specifications

- Max load supported weight 350 lbs.
- Max gradient parking – aligned with gradient (facing up slope) – 40%
- Max gradient parking – cross gradient – 20%

Other questions

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