



THE RIG OWNER'S MANUAL



Thank you for purchasing one of our motor systems! We hope you're excited about it. This manual contains everything you need to know in order to start riding your new electric 'Not-a-Wheelchair'. We'll walk you through every step from charging your Lithium-Ion battery to operating your display console.

Electric bike systems have greatly increased in popularity over the years, and for good reasons. They are an excellent alternative form of transportation and are super quiet. This owners manual will help you understand the ins and outs of your system. The black circular 1000W Hub Motor is what is propelling The Rig. There are nine (9) levels of 'pedal assist' that you can choose from depending on how much power you want The Rig to have. We recommend starting at a low level while you get used to how the bike feels and operates. Only go to a higher level of 'pedal assist' once you feel comfortable in The Rig. The Rig is VERY Powerful.

It's important to always remember how to slow down. 1) Take your thumb off the throttle. And 2) remember where the brakes are located at all times. It's easy to get distracted! Especially when driving the Rig is so much fun. BUT safety first. Remember how to slow down.

Warnings



THIS IS NOT A MEDICAL DEVICE.

NO PASSENGERS ALLOWED.

USE CAUTION WHILE DRIVING.

BE SAFE - CHECK YOUR BRAKES.

DO NOT EXCEED THE 225LB VEHICLE WEIGHT CAPACITY.

ALWAYS WEAR A HELMET AND PROPER PROTECTIVE GEAR.

ALWAYS USE THE BUDDY SYSTEM AND/OR LEAVE A NOTE.

PERFORMING PROPER MAINTENANCE AND VISUAL INSPECTIONS BEFORE EACH RIDE IS NECESSARY FOR SAFE OPERATION.

NEVER OPERATE THE RIG ON HILLS STEEPER THAN 15 DEGREES. TO PREVENT OVERTURN ON HILLY TERRAIN KEEP ALL TIRES LEVEL, USE THROTTLE AND BRAKES GRADUALLY, AND SHIFT WEIGHT WHILE TURNING.

Table of Contents

Welcome.....	1
Warnings.....	2
Contact Info.....	3
ASSEMBLY.....	4-5
BUMPER ATTACHMENT.....	4
DROP-DOWN HANDLES.....	4
POSITIONING THE SEAT.....	5
CHARGE THE BATTERY.....	6-8
READING THE CHARGE.....	6
USING THE CHARGER.....	7-8
BATTERY INSTALLATION/OPERATION.....	8-10
POSITIONING THE BATTERY PROPERLY.....	9-10
CONSOLE OPERATION.....	11-15
CONSOLE OPERATION.....	11-12
CYCLING THROUGH MODES.....	13
NAVIGATING THE MENU.....	13-15
USING THE THUMB THROTTLE/REVERSE FEATURE.....	15
BATTERY MAINTENANCE.....	16-17
RETURNS AND SHIPPING.....	18
UTAH TRIKES CUSTOM WARRANTY.....	19
LIABILITY.....	19

Contact Info

Not A Wheelchair:

Phone: 1 (801) 678-4914

Email: notawheelchair@gmail.com



Not A Wheel Chair



@notawheelchair

Assembly

The Rig already comes preassembled and only needs the front bumper attached and the drop-down handles clicked into place. Please see the following steps in assembling The Rig as well as charging and attaching the batteries before use.

Bumper Attachment



For ease of transport and for getting in and out of The Rig easier the front bumper of the is removable. To remove the bumper, pull out the metal pin that is sitting in the side of the bumper base, and loosen both topscrews. The bumper will then be able to pull forward away from The Rig and be removed entirely. **DO NOT DRIVE THE RIG WITHOUT THE BUMPER AND FOOT REST IN PLACE.** If the tires are able to touch the front of the bumper, then the bumper is too far into the base, and needs to be pulled out far enough for the metal pin to be inserted.

If the metal pin is not inserted into the bumper, you run the risk of the bumper slowly sliding forward over time. The metal pin is important to keep the bumper secure and in position.

Drop-down Handles



For easy side access to The Rig's seat, drop down the steering handles by sliding the silver coupling forward at the base of the steering handle. Pushing arm coupling forward will allow the coupling to release from the joint. You can then lay the steering handle down out of the way. After transferring into The Rig pull up the arm so it is parallel with the other steering handle and reattach the joint in the same fashion. It is helpful to have a friend or assistant to help with this part.

Positioning the Seat

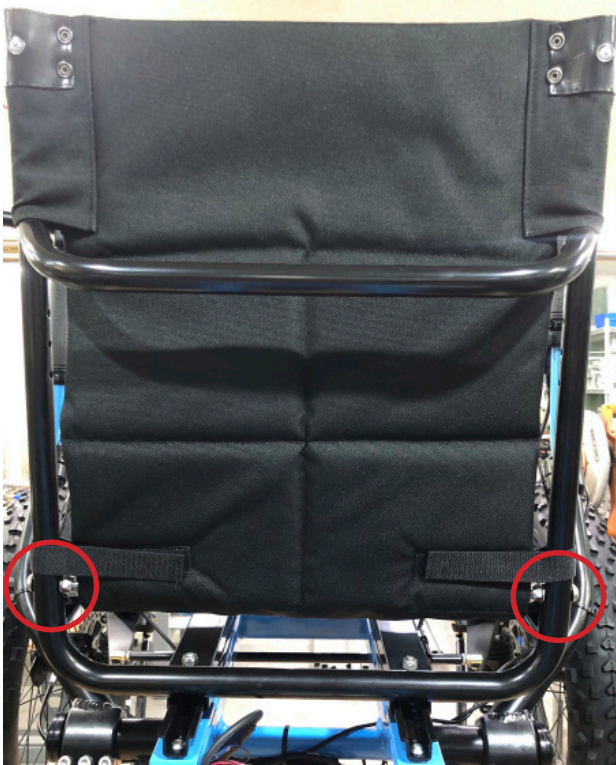


To slide the seat forward or backwards, pull up on the lever under the right side of the seat. While lifting the lever, slide the seat forward or back to fit your desired position.

The Rig's seat is capable of folding down for ease of transport. To fold down the seat, remove the two hex bolts on either side of the vertical framing near the base of the seat backrest. Once both bolts are removed, you can pull up on the vertical frame until the piping slides out of its channel. This will require some effort. Lay the dismantled back frame forwards onto the seat cushion, or undo the velcro holding the seat back to the seat to remove it entirely. Store bolts in secure location for reassembly.

NOTE: See position of seat bolts in red below.

NOTE: No tools are provided for this adjustment. Suggested tools are Hex-keys/ Allen Wrench and an Adjustable Crescent Wrench.



CHARGE THE BATTERY

When you open The Rig, *the battery will not be mounted.* We pack the battery and its charger in a separate box and ship it with The Rig. When your RIG arrives, locate the battery box, open it and remove the battery and charger. The label on the box will read "YOUR BATTERY IS IN THIS BOX! PLEASE OPEN." Keys to your battery will be in the goodie bag that is sent with your RIG. The keys are only used to lock the battery to the frame; not to start the bike itself.



READING THE CHARGE

Your battery will need to be fully charged after it arrives. In order to check the level of charge, your battery must be turned on. The red switch on your battery (pictured below) has an "I" symbol and an "O" symbol. When your battery is turned to the "I" position, it is ON. When it is turned to the "O" position, it is OFF. If you find that the power switch is already in the "ON" position you'll need to turn it off, then back on. Our batteries are set to automatically shut down after not being used for a certain period of time.

"I" indicates the battery is ON.
"O" indicates the battery is OFF.




Once your battery is in the "I" or "ON" position, find the power indicator on top of the battery. This indicator has four (4) LED lights that are meant to show your battery's power level. While pressing on the power button, the LED lights will light up.

Three green lights and one red light indicate your battery is fully charged. If your battery shows only the red light, it has no charge and you will need to plug it in before it will work.

In the picture to the right, you'll see possible readings your battery will give. We recommend charging your battery after each ride and charging it at least once a month if you are not riding as often to keep it well maintained. We'll go discuss this more in the "Battery Maintenance" section found on page 16.

POWER INDICATOR

Hold down the POWER BUTTON  to see your battery's power level. As you hold down the power button, the LED lights will indicate the charge.



LEVELS OF CHARGE:

-  FULL CHARGE
- 
- 
-  DEAD BATTERY

USING THE CHARGER

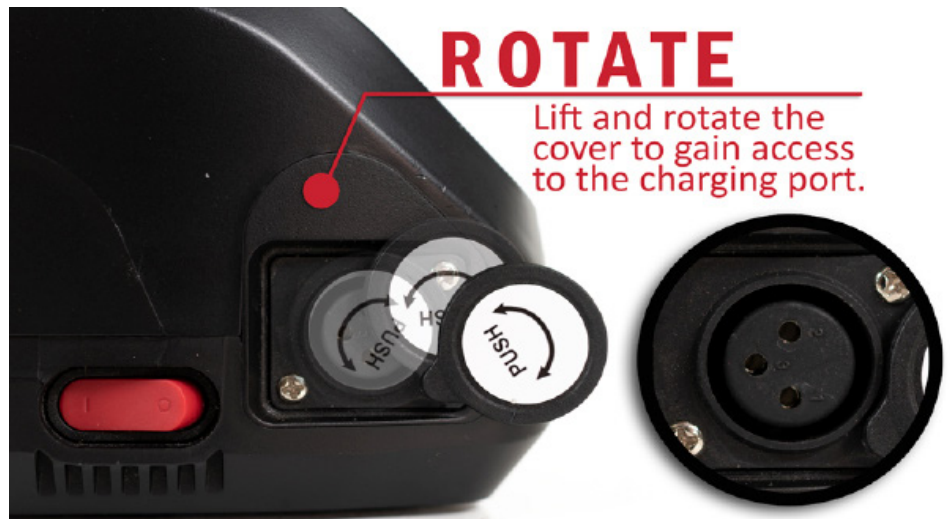
Powering your system is our 48V 17ah Lithium-Ion Rechargeable battery. If your battery is not charged, your system will not have any power and will not function as intended.

You'll find the charger in the same box as the battery. On one end it has a "Type A" plug that can be used in any standard outlet. The other end is a 3-pronged male plug that will be plugged into your battery.



Plug the charger into an outlet. Turn your battery off and then locate the charging port.

The charging port has a round cover that reads "PUSH" with an arrow (pictured below), indicating that the cover must be rotated to reveal the port. Slightly lift the edge of the cover and then push to rotate it.



ROTATE

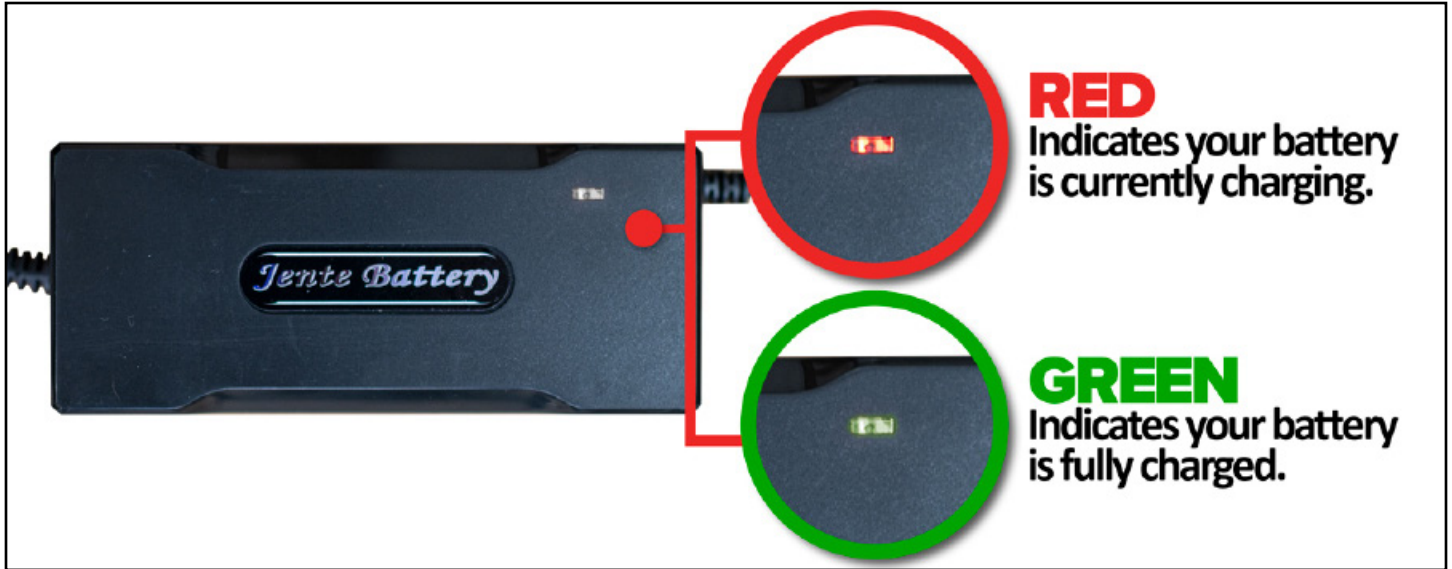
Lift and rotate the cover to gain access to the charging port.



Be sure to line up the three prongs of the charging plug with the three corresponding holes of the charging port.

Once you have the battery plugged in to the charger and the charger plugged in to a power source, you will see a **RED** LED light on the charger indicating that your battery is charging. A completely drained battery will take about 4 or 5 hours to charge.

When the RED LED light turns GREEN, your battery has finished charging and is ready to be installed onto The Rig. If your charger is plugged in to a power source and into your battery but the LED light is not either red or green, contact Not A Wheelchair at notawheelchair@gmail.com.



INSTALL THE BATTERY

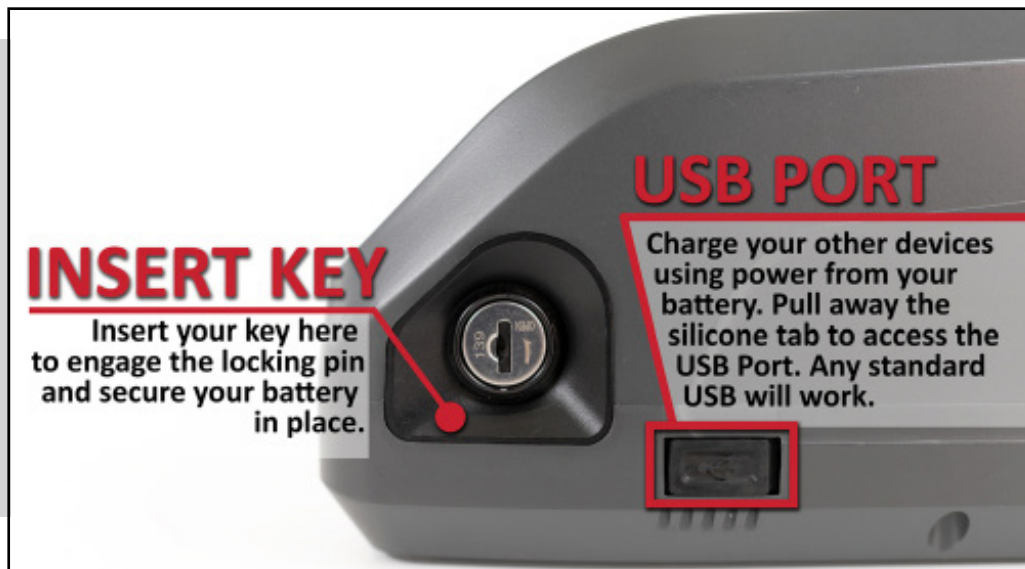


Installing the battery is quick and easy. First, locate the battery sled that is already mounted onto The Rig. In most cases you'll find it on the side of the frame behind the seat, In the picture on the left, you can see the battery sled mounted to the RIG.

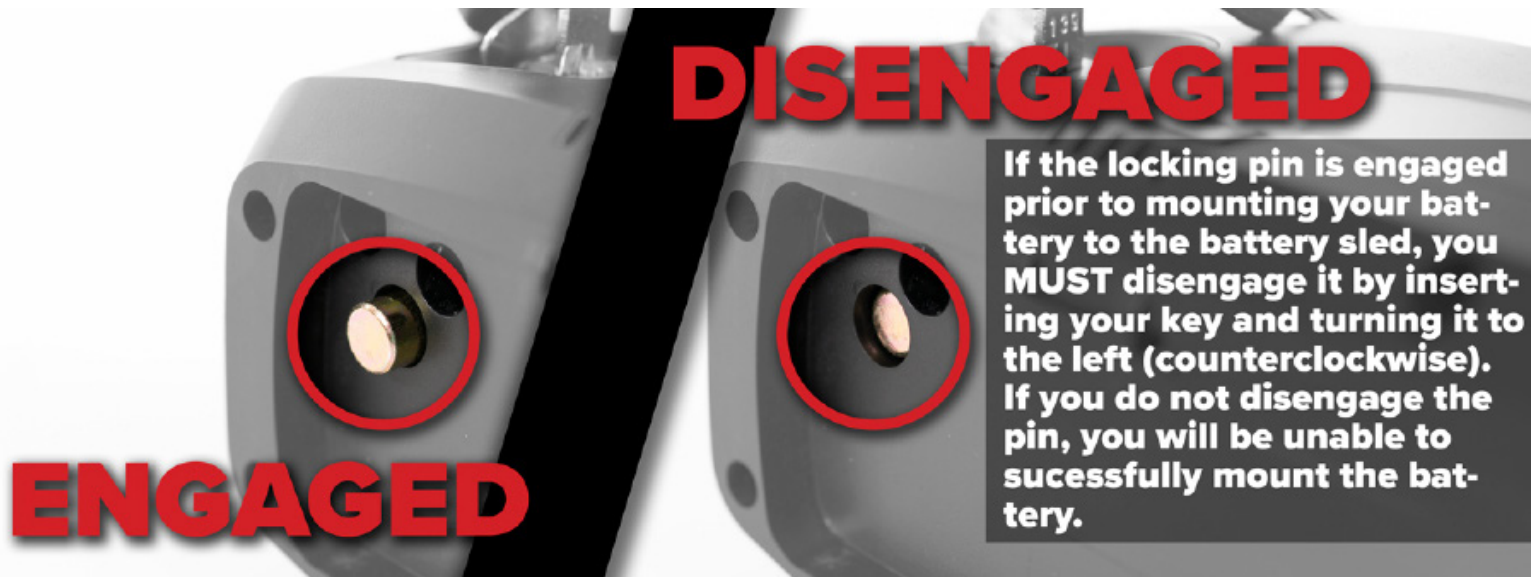
If you have upgraded to the double battery model, your battery sleds will be mounted on both sides of your frame behind the seat.

The orientation of the battery sled may vary between RIG models, with the front of the battery (where the power indicator is located) towards the front or the rear of the RIG.

Your battery may be mounted differently than the battery pictured in this guide, but the process of mounting the battery remains the same.



Before you attempt to mount the battery to the battery sled, look underneath the battery to make sure the locking pin is **DISENGAGED**. If the locking pin is engaged prior to mounting the battery, you will not be able to successfully mount the battery. If the locking pin is engaged, insert your key into the key hole and turn it counterclockwise (to the left).

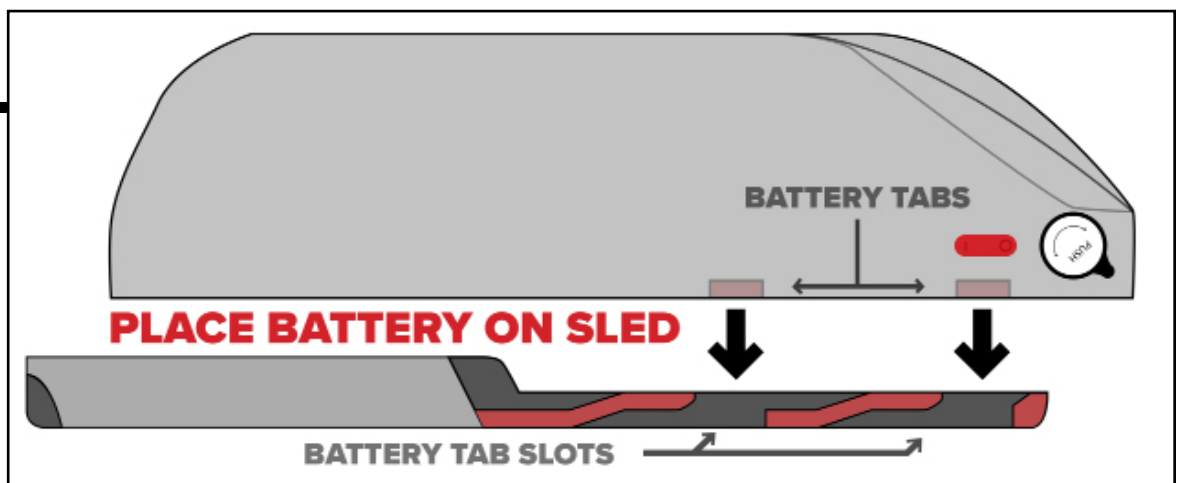


POSITIONING THE BATTERY PROPERLY

Now that you've located the battery sled and made sure the locking pin is **DISENGAGED**, you're ready to install the battery. Think of installation as a "sliding" motion. You're sliding the battery into position, securing the plastic tabs on the battery into their corresponding slots on the battery sled. After you slide your battery into the correct position, you may use your key to engage the locking pin, locking your battery tightly into place.

STEP 1

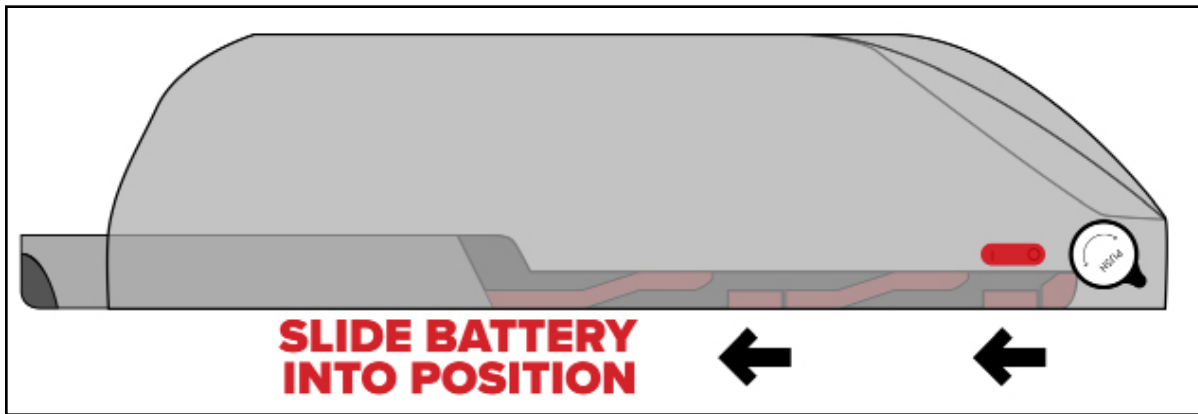
Place the battery on the sled in such a way that the tabs found on the underside of the battery are not obstructed by the plastic that forms the battery tab slots.



TABS AND SLOTS ARE HIGHLIGHTED IN RED. THEY WILL BE BLACK ON YOUR BATTERY

If you feel as though your battery is not seating properly, take it off and check to be sure that the battery tabs are being placed in the correct position. This may take a few attempts. When you feel the battery "drop" into place so that the bottom of the battery and the bottom of the battery sled are parallel, you may proceed to step number two.

STEP 2

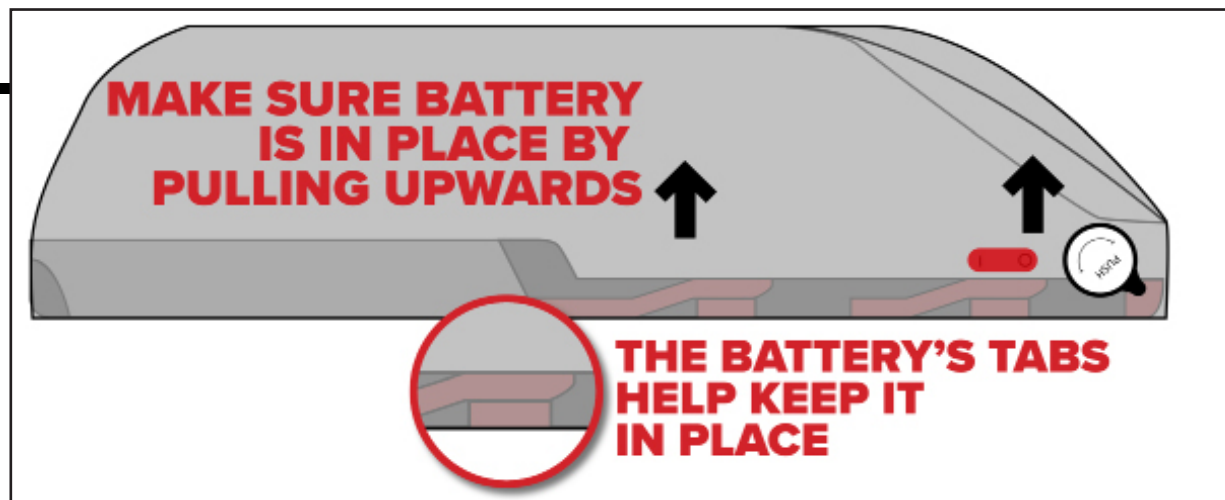


Now that the battery is properly seated, slide the battery into position by pushing from the front of the battery (where the power indicator is) toward the back.

If the bottom of the battery is not parallel to the bottom of the battery sled, it will NOT slide into the proper position. With the battery seated properly, you may need to use some force to make sure the battery is connected.

STEP 3

When you feel like the battery is in the correct position, pull upwards on the battery to make sure the tabs are holding it in place. If the battery comes loose, you'll need to repeat steps 1 & 2.



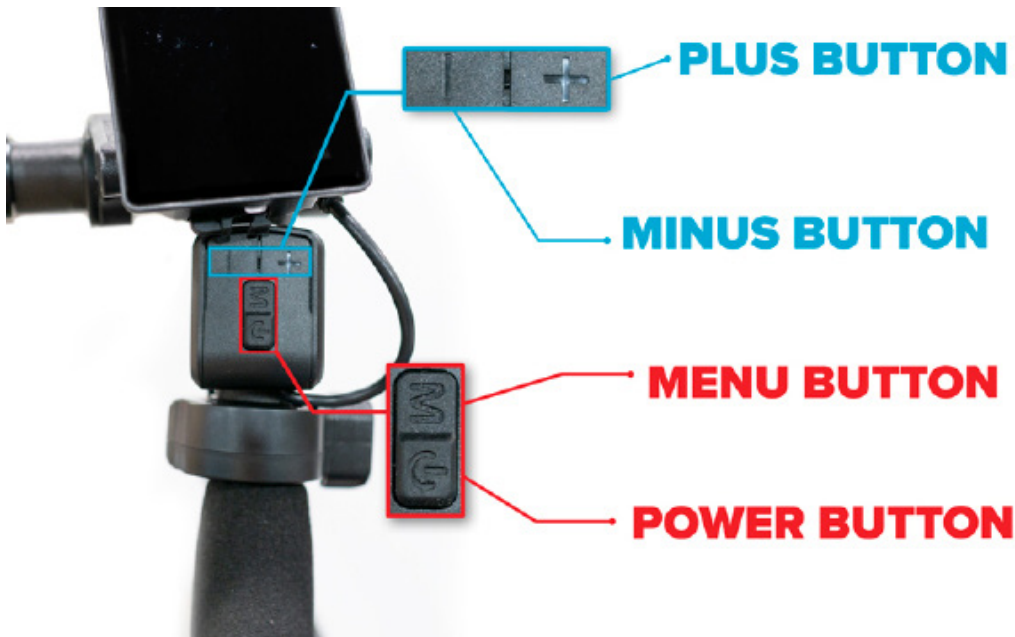
If the battery remains securely in place when after pulling upwards, locate the key hole and insert your key. Turn your key clockwise (to the right or toward the back of the battery) to engage the locking pin. Try to slide the battery out of the sled. If it stays in place, you have successfully engaged the locking pin and your battery is secure. You may stow away your key in a safe place and continue to the next section "Console Operation".

If you think that you have correctly engaged the locking pin but the battery can be removed when you try to take it off the sled, the locking pin has NOT been properly engaged. This could be because you have not pushed the battery all the way into position. Remove your battery and make sure the locking pin engages and disengages as you turn the key. If the locking pin functions properly, repeat steps one through three, this time using a little more force to slide the battery into place. If you are still unable to lock the battery into place, contact Not A Wheelchair at notawheelchair@gmail.com.

CONSOLE OPERATION

With your battery installed and locked into place on the battery sled, it's time to turn the system on. Unless you specified a different set up, your console and thumb throttle will be mounted on the left hand side with the reverse button mounted on the right.

CONSOLE OPERATION:



Console orientation will vary between models depending on handlebar style and position of components like brake levers and shifters. Button function will remain the same regardless of the orientation of the controls.

Every operation of the console is done using four (4) buttons: Power Button, Menu/Mode Button, Plus Button and Minus Button. You can see location of the buttons pictured on the left.

POWER ON YOUR CONSOLE:

With the battery installed and turned on, press and hold the power button for a few seconds. Your display will turn on and show the Utah Trikes logo for a number of seconds, then change to the main display, which you can see pictured to the right.

The ONLY function of the power button is to either turn your display on or off. Should you forget to turn off your system, it will automatically shut off after five minutes of no activity.



Your console shows you a number of different settings. The top left corner of the screen displays the time. The top right corner of the screen displays your remaining battery (this can be set to percentage or voltage in the settings). In the center of the console is your speedometer and MPH readout. Your console also displays the wattage draw from your motor.



INSTRUCTIONS ON HOW TO SET SPECIFIC SETTINGS WILL BE SHOWN UNDER THE SUB HEADING "NAVIGATING THE MENU".

The center of the console shows your Miles Per Hour (MPH) in both a digital and analog format. You can also see the real-time power output of the motor system, also seen digitally and in analog format.



If your brakes are engaged/locked, your screen will display a red exclamation point in the top right-hand corner. Your system automatically cuts power to the motor when your brakes are on. If you try using the thumb throttle while your brakes are on, you WILL NOT have power to the motor.



If you have an integrated headlight/ tail light, you can press and hold the plus (+) button to turn on your lights. The light indicator will then be displayed on your screen in the top left-hand corner. To turn your lights off, press and hold the plus (+) button again.



At the bottom of the display you can cycle through six different modes. In the bottom left corner you can cycle through Trip, Odometer, and Range. In the bottom right corner, you can cycle through Time, Max Speed, and Average Speed.

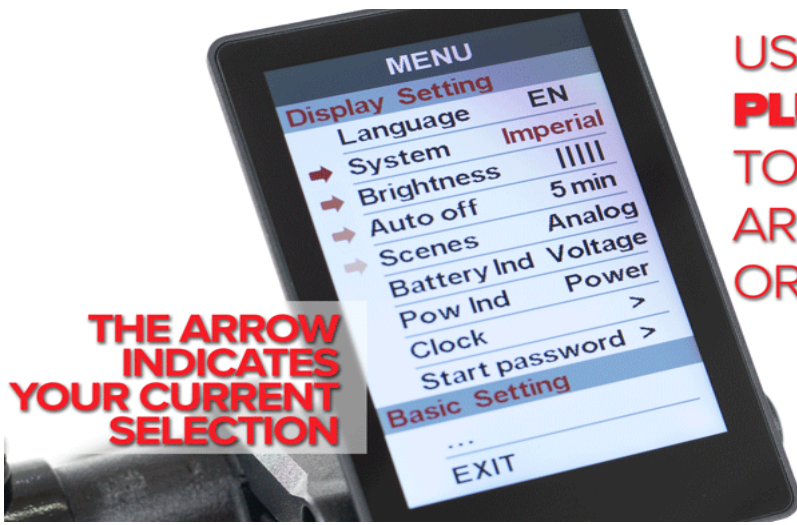
- **TRIP DISTANCE:** This will tell you the total distance traveled on your ride. You can reset this number by pressing and holding the plus and minus button simultaneously.
- **ODOMETER:** Your odometer tells you TOTAL distance traveled with your motor system. Unlike your trip distance, this number cannot be reset.
- **RANGE:** This readout will tell you approximately how far you can expect to go with your battery. This range is an estimate. Please keep that in mind when out and about.
- **TIME:** This tells you how long your current trip has taken. It can be reset by holding the plus and minus buttons simultaneously.
- **MAX SPEED:** This tells you your top speed during your current trip.
- **AVERAGE SPEED:** This tells you your average speed during your current trip.

*Note to rider: the modes in the bottom right corner will always default back to displaying your trip time after a few seconds.

NAVIGATING THE MENU

To change more specific settings you must access the Menu. To do this, double tap quickly on the "M" (Mode/Menu) button. After double tapping quickly on the "M" button, you will gain access to the settings of your motor system.

Use the plus/minus buttons to navigate up and down. Use "M" to select the setting you want to change. The setting you are changing will flash, indicating that you can now use the plus/minus buttons to change the setting. Once you have chosen the setting you want, hit "M" to save the changes you have made. After saving your change, you can now use the plus/minus button to go to the next setting and repeat the process.



USE THE
PLUS/MINUS
TO MOVE THE
ARROW UP (+)
OR DOWN (-)

**THE ARROW
INDICATES
YOUR CURRENT
SELECTION**

The first window you see will allow you to change your display settings.

- Language: The default setting is English and cannot be changed.
- System: You can choose between Imperial or Metric.
- Brightness: Set the level of brightness of your screen.
- Auto Off: Your system is set to turn off after 5 minutes of inactivity. You can make this time longer or shorter. We recommend leaving it at 5 minutes.
- Scenes: This is set to “analog” and cannot be changed.
- Battery Indicator: You can choose either “Voltage” or “Percentage.” We have found the voltage readout to be more accurate and recommend using this setting.
- Power Indicator:
- Clock: We will set your clock to show your local time. Should you need to change it, you can do so with this setting.
- Start Password: We DO NOT recommend setting a password for your system. If you set a password, it must be entered every time you start your system. Should you forget your password you will be LOCKED OUT OF YOUR SYSTEM and we will not be able to help you unblock it. If there is a chance you will forget your password, DO NOT SET A PASSWORD FOR YOUR MOTOR SYSTEM.

To access the Basic Setting portion of the menu, use the plus/minus buttons to navigate down to the three dots (...). Once the arrow is pointing at the dots, hit “M” to open the “Basic Setting” menu.

- Wheel: Set the circumference of your wheel for more accurate distance/speed readouts.
- Battery: Do not change this setting.
- USB Port: Allows you to use the USB port on your battery.
- Light Sensor: This will set your display’s sensitivity to light. You can choose between “HI”, “MID” or “LO”.



- Advance Setting: These settings include things like assist levels and limits on your system. We set these before your trike leaves the shop.
- Factory Setting: This will allow you to reset your system to factory settings.
- Informations: This will tell you things like max speed and distance traveled with your motor system.

To Exit the menu either double tap the “M” again, or use the plus/minus buttons to navigate to “EXIT” and press “M” to return to the main display.

USING THE THUMB THROTTLE/REVERSE FEATURE



Our UTCustom Hub Motor system include a thumb throttle. This is usually located on the left handlebar near your console. It is an analog throttle, meaning the more you more you push it forward, the more power your motor will put out.

If your brakes are engaged, power to your motor will be cut and your throttle will not work.

The UTCustom 1000W Hub Motor motor system does come with a reverse feature. There is a small, square button located on the right handlebar. To use reverse, start by pushing on the reverse button. While holding down the reverse button, slowly ease onto the throttle to move in reverse.

**REVERSE
BUTTON**
MOUNTED TO THE RIGHT
HANDLEBAR



DO NOT let go of the reverse button until you have come to a complete stop.

BATTERY MAINTENANCE - (Don't skip this section)

Lithium-Ion rechargeable batteries require routine maintenance and care in their use and handling. Read and follow the guidelines in this document to safely use Lithium-Ion batteries and achieve the maximum battery life span.

- Do not leave batteries unused for extended periods of time, either in the product or in storage. When a battery has been unused for 6 months, check the charge status and charge or dispose of the battery as appropriate.
- The typical estimated life of a Lithium-Ion battery is about two to three years or 300 to 500 charge cycles, whichever occurs first. One charge cycle is a period of use from fully charged to fully discharged, and fully recharged again.
- Rechargeable Lithium-Ion batteries have a limited life and will gradually lose their capacity to hold a charge. This loss of capacity (aging) is irreversible. As the battery loses capacity, the length of time it will power the product (run time) decreases.
- Lithium-Ion batteries continue to slowly discharge (self-discharge) when not in use or while in storage. Routinely check the battery's charge status. See page 1 of this manual for instructions on how to check your battery's charge and how to charge the battery.

BATTERY MAINTENANCE:

- Observe and note the run time that a new, fully-charged battery provides for powering your product. Use this new battery run time as a basis to compare run times for older batteries. The run time of your battery will vary depending on the product's configuration and the applications that you run.
- Routinely check the battery's charge status.
- Carefully monitor batteries that are approaching the end of their estimated life.
- Consider replacing the battery with a new one if you note either of the following conditions:
 1. The battery run time drops below 80% of the original run time.
 2. The battery charge time increases significantly.
- If a battery is stored or otherwise unused for an extended period, be sure to follow the storage instructions in this document. If you do not follow the instructions, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.

CHARGING:

Always follow the charging instructions provided with your product. Refer to your product's user manual and/or online help for detailed information about charging its battery.

NOTE: When you troubleshoot battery issues for dual battery configurations, test one battery and one battery slot at a time. A defective battery can prevent the battery in the opposite slot from charging, leaving you with two uncharged batteries.

STORAGE:

- Charge or discharge the battery to approximately 50% of capacity before storage.
- Charge the battery to approximately 50% at least once every six months.
- Remove the battery and store it separately from the product.
- Store the battery at temperatures between 5° C and 20° C (41° F and 68° F)

NOTE: The battery self-discharges during storage. Higher temperatures (above 20° C or 68° F reduce the battery storage life.

HANDLING PRECAUTIONS:

- Do not disassemble, crush, or puncture a battery.
- Do not short the external contacts on a battery.
- Do not dispose of a battery in fire or water. Do not expose a battery to temperatures above 60° C (140° F)
- Keep the battery away from children.
- Avoid exposing the battery to excessive shock or vibration.
- Do not use a damaged battery.
- If a battery pack has leaking fluids, do not touch any fluids. Dispose of leaking battery pack (see *Disposal and Recycling* in this document).
- In case of eye contact with fluid, do not rub eyes. Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the fluid remains. Seek medical attention.

TRANSPORTATION:

- Always check all applicable local, national, and international regulations before transporting a Lithium-Ion battery.
- Transporting an end-of-life, damaged, or recalled battery may, in certain cases, be specifically limited or prohibited.

DISPOSAL AND RECYCLING:

- Lithium-Ion batteries are subject to disposal and recycling regulations that vary by country and region. Always check and follow your applicable regulations before disposing of any battery. Contact Rechargeable Battery Recycling Corporation (222.rbrc.org) for U.S.A. and Canada, or your local battery recycling organization.
- Many countries prohibit the disposal of waste electronic equipment in standard waste receptacles.
- Place only discharged batteries in a battery collection container. Use electrical tape or other approved covering over the battery connection points to prevent short circuits.

Returns & Transport

Returns:

If you are unsatisfied with your 'Not-a-Wheelchair', you may return it within 15 days of receipt of the bike. You must contact us within 7 days of receipt to notify us that you will be returning The Rig. The 'Not-a-Wheelchair' must be in pristine condition with no visible or functional defects. You will be responsible for the cost of any damages we assess. You will be responsible for any and all actual shipping costs either way.

The Rig must be returned in original packaging (Rig box with inserts). Accessories can also be re-funded during this 15-day period, but once again, you are responsible for shipping both ways.

Not-a-Wheelchair Damaged During Transport:

If you receive The Rig and it appears to have been damaged during shipping, please contact us immediately before returning so a claim can be made with our shipping carrier. Our shipping company will send a representative to your house to assess the cost of damage(s). You will need to keep the original packaging to insure that our shipping company can properly assess any damages.

Utah Trikes Custom Warranty

Utah Trikes warrants to the original owner that the frame, seat frames, and steering components are free of defective materials and workmanship subject to the limitations contained in this warranty. This warranty is limited to the original owner or and is non-transferable. Warranty is conditioned upon the quad being purchased from and assembled by Utah Trikes, operated under normal conditions, and maintained properly.

Warranty does not apply to paint/finish, components attached to the frame, or wear items such as tires, idler wheels, chain, etc. Attached components are subject to the warranty, if any, of their original manufacturer.

Utah Trikes reserves the sole discretion to repair or replace any parts covered by this warranty. Replacement parts may be a newer version than those originally purchased. In the event that a model has been discontinued or changed significantly, or if the part in question is no longer available for any reason, some additional parts may need to be purchased by the customer in order to make the trike rideable again due to compatibility issues. Original owner shall be responsible for all labor, shipping, and travel costs related to repair or replacement of warranted parts.

This warranty does not apply to normal wear and tear, or any defects, malfunctions, or failures that result from abuse, neglect, improper assembly, improper maintenance, overloading past specified load limit, alterations (i.e. cutting, spreading, drilling, welding, etc.), collisions, accidents, or misuse.

Utah Trikes shall not be liable for any special, indirect consequential, incidental or other similar damages suffered by the purchaser or any third party, including, without limitation, damages for loss of profits or business or damages resulting from use or performance of the product, whether in contract or in tort, even if Utah Trikes or it's authorized representative has been advised of the possibility of such damages and Utah Trikes shall not be liable for any expenses, claims, or suits arising out of or relating to any of the foregoing.

If you feel you have a warranty claim, contact us. We love our customers, and we want to keep you riding.

Liability Waiver

The 'Not-a-Wheelchair' is not a medical device. Riding a bike, trike, or quad can result in injury or death. By riding a Not-a-Wheelchair, the rider is expressly assuming the risk for any injury that may result from same. The owner is responsible for any and all injuries and/or property damages caused by someone riding the owner's trike. The owner shall indemnify Utah Trikes for any damage or financial loss incurred by Utah Trikes as the result of an injury or property damage caused by someone riding the owner's bike.