



OWNER'S MANUAL

Read and understand this entire manual **BEFORE** attempting to operate this product! For assistance, questions and/or concerns, contact us through our website at www.HillBarrow.com

NOTE: Manual illustrations are for demonstration purposes only. Illustrations may not reflect exact appearance of actual product. Specifications subject to change without notice.

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SAFETY WARNINGS

⚠️WARNING: Operating a Motorized HillBarrow does present potential risks and caution is required. Like any motorized product, an electric HillBarrow has inherent hazards associated with its use (for example, losing control and spilling your load can create a hazardous situation). The HillBarrow is intended to haul loads while traveling therefore, it is certainly possible to lose control or otherwise get into dangerous situations. The purchaser must educate, supervise, and inform others not familiar with the HillBarrow's safe operation standards that ANY operator can be seriously injured or die, even when using safety equipment and other precautions. **OPERATE AT YOUR OWN RISK. USE COMMON SENSE. SLOW AND STEADY VERSUS FAST AND FURIOUS IS ALWAYS THE SAFER OPTION!****⚠️WARNING: PARENTAL AND ADULT RESPONSIBILITY AND SUPERVISION IS NECESSARY:** Because motorized products, like the HillBarrow can and do present potential hazards plainly associated with their use, it is well recognized THE NEED FOR EXERCISE OF PURCHASER AND PARENTAL RESPONSIBILITY.

Not every product is appropriate for every operator solely based on age or size of an adult. The purchaser must respectfully consider their expected mental or physical ability, or both, of a young or older adult regarding proper handling, coping, and traveling amongst potential hazards. The recommended operator age is 18 and older. Any operator unable to comfortably handle the weight of their load should in no way expect a motorized HillBarrow to do so.

Transforming your Wheelbarrow into a HillBarrow is a lot like having the choice between a chainsaw versus a hand saw or axe. A chainsaw will obviously get more done in less time with less effort. It also works to reserve more of a person's overall stamina and strength throughout the course of a day's work, but safety risks are dramatically increased due to its need for exposed powerful moving parts and other traveling/terrain related factors.

A parent's/purchaser's decision to allow any child to operate this product is entirely at the risk of the parent &/or purchaser. This decision should be based entirely on the child's maturity, skill, coordination, overall strength, and his or her child's ability to follow safety rules. Keep this product away from small children, and remember that it is intended for use only by persons who are, at a minimum, completely comfortable and competent of safely operating a motorized HillBarrow.

Persons with any mental or physical conditions that may make them susceptible to injury, impair their physical dexterity, or mental capabilities to recognize, understand, and follow safety instructions; along with being able to understand the hazards inherent in motorized equipment use; should NOT use or be permitted to use products inappropriate for their abilities.

Persons with heart conditions, head, back, or neck ailments (or prior surgeries to these areas of the body), &/or pregnant women, should be cautioned NOT to operate such products. **DO NOT EXCEED THE WEIGHT LIMIT OF 200 lbs. (90.72 kg).** Operators with their age exceeding 18, along with their size &/or weight, does not necessarily mean they are physically &/or mentally able to properly maintain control of a loaded HillBarrow. Don't overload with a weight you can't and couldn't safely handle before or after you met the HillBarrow.

ALWAYS INSPECT & MAINTAIN SAFE OPERATING CONDITIONS BEFORE EACH USE:

Before use check to confirm that the chain is in place and in serviceable condition. Your HillBarrow should be maintained and repaired in accordance with the manufacturer's specifications, using only the manufacturer's authorized replacement parts, and should not be modified from the manufacturer's original design and configuration. An adequate drop or two of oil on the chain periodically is required to maintain properly. Always store your HillBarrow's battery box out of and away from frigid conditions.

SAFETY WARNINGS

Before use, check to confirm that the chain is in place and in serviceable condition. Your HillBarrow should be maintained and repaired in accordance with the manufacturer's specifications, using only the manufacturer's authorized replacement parts, and should not be modified from the manufacturer's original design and configuration. An adequate drop or two of oil on the chain periodically is required to maintain properly.

The normal battery-life of the HillBarrow from "Full Charge" to "In-Need of Charge" status will be approximately 8-12 hours of continuous use; which can be affected by conditions such as load weight, inclines, grade of terrains, battery charge level, and how much the operator assists the HillBarrow as the HillBarrow works to assist the operator. Avoid excessive speeds that can be associated with downhill terrain. Maintain a firm hold on the handlebars at all times. Do not touch parts such as the motor on your HillBarrow when in use or immediately after use as these parts naturally can become very hot.

Operate defensively. Watch out for potential obstacles or holes that could catch your wheel or force you to swerve suddenly and lose control. Be careful to avoid pedestrians, animals, mud, water, snow, ice, debris, curbs, and children who may unknowingly enter your path. In respect to others and the "Golden Rule" we ask that you respect the rights and property of others as you operate your HillBarrow. Rest assured that your HillBarrow is commercially designed to assist beyond the use of level ground and flat surfaces without question. In the event that the operator chooses to operate their HillBarrow under opposing terrains and conditions must be done at the operators own risk. Traveling over loose debris, such as sand, leaves, rocks, tree limbs, mud, or gravel will directly result in a much greater safety risk and the operator must accept that risk before execution. Wet, slick, bumpy, uneven, or rough surfaces may impair traction and highly contribute to possible accidents. This same law of physics applies to any motorized vehicle on the road whether 4x4 or not. Avoid operating your HillBarrow in mud, ice, puddles, or water. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly and lose control. Avoid sharp bumps, drainage grates, curbs, and sudden surface/terrain changes.

Do NOT attempt or do stunts or tricks with your HillBarrow. Your HillBarrow is not made to withstand repetitive extreme abuses from misuse, such as jumping or any other type of stunts. Racing, stunt driving, or other maneuvers also enhance risk of loss of control, or may cause uncontrolled operational actions or reactions. Never allow more than one person at time to operate, and do NOT transport people in the load tray for ANY reason. Do not operate at night or when visibility is limited. Never use near steps or swimming pools. Do not allow hands, feet, hair, body parts, clothing, or related articles to come in contact with moving parts, wheels, drivetrain, or chain etc. while the motor is running or in the "On" position. Never use headphones or a cell phone to talk or text when operating. Do not operate in wet or icy weather conditions, and never immerse the HillBarrow in water as the electrical and drive components could be damaged or create other possibly unsafe conditions. Never risk damaging surfaces, such as concrete, asphalt, walls, and flooring by use of a motorized HillBarrow indoors or outdoors.

PROPER PROTECTION EQUIPMENT: Always wear proper protective equipment, such as an approved safety helmet if and when possible (with chin strap securely buckled). Elbow pads, kneepads, and gloves with a good grip are recommended. Do Not attempt to operate a HillBarrow with flip-flops or sandals on at any time, loaded or un-loaded. We recommend a deep treaded work boot at all times.

USING THE CHARGER: The charger supplied with your HillBarrow should be regularly examined for damage to the cord, plug, enclosure, and other parts. In the event of such damage, the HillBarrow must not be charged until the charger has been repaired or replaced. Use only with the recommended charger. Use caution when charging. The charger is not a toy. Charger should be operated by an adult. Do not operate charger near flammable materials. Unplug charger and disconnect from HillBarrow when not in use. Do not exceed charging time. Always disconnect from the charger prior to wiping down and cleaning your HillBarrow with a damp cloth. **FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES RISK OF SERIOUS INJURY &/or DEATH. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO ENSURE ON-GOING SAFE AND EFFICIENT OPERATION.**

BEFORE YOU BEGIN

Remove contents from box. Inspect the contents for out of the ordinary scratches in the paint, dents, or kinked cables that may have occurred during shipping.

MAKE SURE POWER SWITCH IS TURNED “OFF” BEFORE CONDUCTING ANY ASSEMBLY OR MAINTENANCE PROCEDURES.

Estimated Assembly and Set-Up Time

Recommended for assembly to be performed by adult(s). Allow up to 45 minutes for assembly, not including initial charge time. Charge time may take up to 12 hours although we take pride in ensuring its charged and ready to work as an added perk for our customers.



Required Tools (Not Included)



Rubber Mallet



Pliers



1/2- inch wrench

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Office Hours:
Monday - Friday 9AM 5PM
(Eastern Standard Time)

⚠️ WARNING:
Do NOT use non-HillBarrow products with your HillBarrow attachment.

The original equipment supplied at the time of sale was selected based on its compatibility with its framing that must coincide with all other parts. Certain aftermarket products may not be compatible and will void the warranty.

Added Note: Be certain to oil your HillBarrow chain periodically to extend over-all life of the chain, motor, and correlating parts.

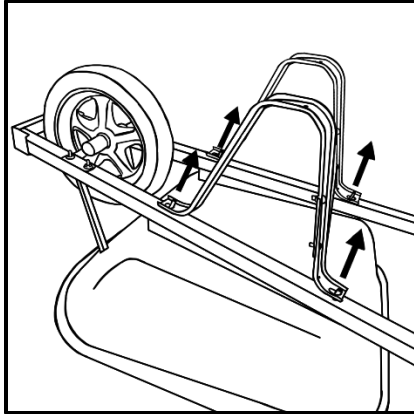
After storing for any time period place a few drops of oil on chain immediately after re-charging the batteries and before use.

⚠️ WARNING:
Treat your HillBarrow as if it were a chain saw. Such motorized products like the chainsaw can cause injury & possibly

ASSEMBLY AND SET-UP

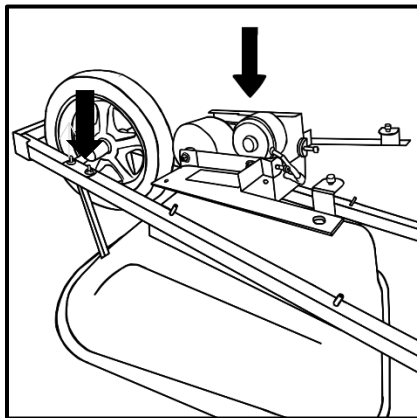
Attaching the Motorized Assembly:

Tools: One (1) ½ inch wrench and one (1) pair of pliers.



TIP: Place (4) pieces of tape over all (4) bolt heads inside of your wheelbarrow load tray to avoid the bolts falling through as you assemble said product.

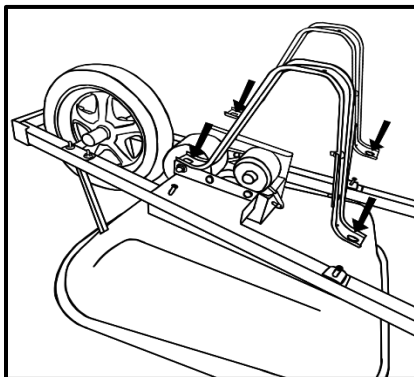
1. Turn wheelbarrow over with the handles facing you.
2. Loosen all four (4) Nuts located on the under-carriage that secures your wheelbarrow legs to wheelbarrow frame. Remove legs and set to the side as is.



3. Loosen and remove the (4) nuts that holds the wheelbarrow wheel into place. Once removed, remove and grease the inner shaft that goes through the center of wheel due to the fact that said wheelbarrow manufacturers fail to properly do so.

Added Note: As a Revision to our installation instructions we suggest that you leave the wheelbarrow wheel off while installing your HillBarrow attachment.

4. Take the Motor Frame Assembly out of the box and align the assembly with the four (4) leg bolts as shown in the above pictorial.



5. Use a rubber mallet to tap the unit down over all four (4) bolts to rest on handles properly. Reinstall wheelbarrow legs over all four (4) leg bolts. Place the four (4) washers provided over the bolts.

6. Re-place all four (4) nuts over each bolt and tighten clockwise to secure. Be 100% certain all nuts are secure and tight. Check the security of these bolts periodically for safety, especially if an abnormal vibration would begin to be felt and/or noticed.

7. Reinstall the wheelbarrow wheel and align with the center of the HillBarrow drive-wheel then tighten all (4) nuts securely as well.

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Office Hours:
Monday - Friday 9AM 5PM
(Eastern Standard Time)

Adult Operators Only
At least 18 years of age is highly recommended.

Do NOT overload your Load Tray with weight you couldn't normally handle. The HillBarrow will greatly assist in pulling your load, but is no way intended to handle it. Safety 1st.....Always!

Added Note: Wear gloves in case you would accidentally slip your wrench over a bolt. Always keep even downward pressure on the wrench as you apply adequate loosening or tightening pressure/torque.

Added Note: Be certain to remove your battery box and place in a climate controlled area if one must store your wheelbarrow and Hillbarrow attachment in or around cold temperatures. Cold weather is hard on any and all batteries in general; therefore we highly recommend bringing your battery box indoors during the winter months to prolong overall battery life.

⚠️ WARNING:

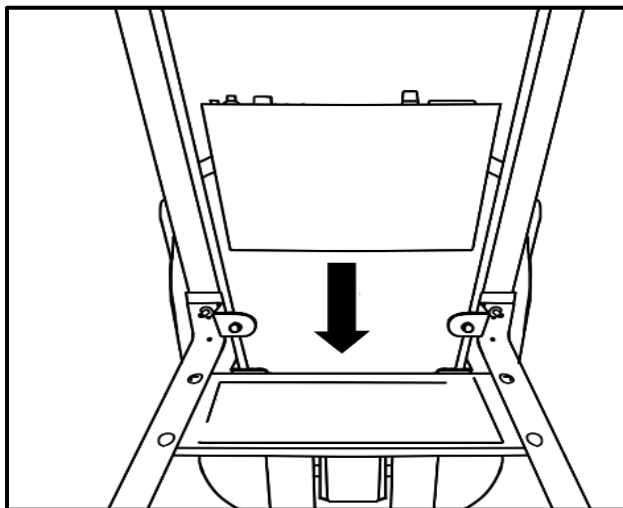
Treat your HillBarrow as if it were a chain saw. Such motorized products like the chainsaw can cause injury & possibly death to ANY person if used improperly.

ASSEMBLY AND SET-UP

Attaching the Battery Box/Control Panel:

Tools required: None

1. Stand your wheelbarrow up to where the wheelbarrow wheel frame is contacting floor. The handles will be aimed towards the ceiling, and the under-carriage should be facing you.
2. Take the Battery Box/Control Panel out of shipping box. Hold in such a manner that the wiring harness and their exit hole is facing you and is visibly at the bottom edge of assembly.



3. Slide the Battery Box down behind the metal framing until it stops. Using your rubber mallet tap the box down to align your control panel until adequate contact with the four (4) Battery Box supports is achieved to ensure your Battery Box is in its proper place.
4. Tighten all four (4) battery box cap screws with a pair of pliers or with a 6 mm allen wrench if you have a set handy just enough to provide adequate support to the Battery Box and secure it into place. All four (4) cap screws supports should contact back-side of Battery Box once installed properly. **Do Not Over Tighten** and over-exert your supports to a point that the metal supports begin to bend.

Need Help? Contact us via [the HillBarrow.com](http://theHillBarrow.com) website for replacement parts and product support.

⚠️ WARNING:

Do not pinch or damage the wiring as you slide the Battery Box down behind the supports. The adjuster screws may need to be turned in the counter-clockwise direction to allow additional room for the box to be installed properly and with ease.

Added Note: Be certain to slide the Battery Box/Control Panel down far enough to make adequate contact with all four (4) battery box support bolts that secures battery box in place. We suggest using a rubber mallet to tap the battery box down evenly until contact with all four (4) battery box support bolts is adequately achieved.

Note: Make sure ALL cables/wires are out of the way of ANY pinch points before tightening the leg nuts. When correctly tightened, the assembly will not shake or vibrate under normal circumstances and working conditions.

⚠️ WARNING:

Added Note: Be certain to remove your battery box & place in a climate controlled area if one must store your Hillbarrow in or around cold temperatures. Cold weather is hard on any and all batteries in general; therefore we highly recommend bringing your battery box indoors during the winter months to prolong overall battery life.

ASSEMBLY AND SET-UP

Installing the Throttle Button:

Tools required: One (1) Philips/four (4) way screwdriver, One (1) pair of scissors, and One (1) Roll of Electrical Tape (Optional).

1. Take Throttle Button and its wiring harness out of the shipping box. Decide which handle you would like to install your throttle button on. This decision will be based on the purchaser's personal preference &/or based on the main operator being right or left handed.
2. Place your throttle button housing just behind the handle grip in the location that is most comfortable for your thumb to easily reach and conveniently press. This is simply done by turning the screws counter-clock-wise if needed to allow clearance for the housing to slide over the handle in the area of your choosing.
3. Once you've placed the throttle button housing in your desired location, use your screwdriver to turn the housing screws located on each side of the button housing in a clock-wise motion to tighten and secure to handle.
4. As you prepare to place the wiring on your handle, you must also prepare to secure the wiring to the inside of said handle with the zip-ties provided. Place the 1st wire tie just behind the button housing to secure the back side of housing in place properly. Space the remaining four (4) wire-ties out accordingly down the inside of said handle as you move systematically towards the bottom of battery box.
5. Identify and connect the two (2) male/female wire ends of your throttle button wiring with the two (2) correlating male/female ends coming out of the battery box. Push each connector together to their maximum potential to ensure a connection. Once both wires are connected properly, consider wrapping the connectors in electrical tape for an additional layer of support and protection from water and weather. (Optional)

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⚠️ WARNING:

Do not secure the wiring in such a way that risks pinching the wires in anyway. We highly recommend securing the wiring to the inside of either handle as an added protective measure and guard from unforeseen outside obstructions that could pinch or cause harm.

⚠️ WARNING:

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⚠️ WARNING:

Added Note: Be certain to remove your battery box & place in a climate controlled area if one must store your Hillbarrow in or around cold temperatures. Cold weather is hard on any and all batteries in general; therefore we highly recommend bringing your battery box indoors during the winter months to prolong overall battery life.

ASSEMBLY AND SET-UP CONTINUED

Final Step to Power-Up:

Tools required: None

1. Once you are certain your throttle button housing and wiring is placed securely in the location that best suits, double-check that there are no wires secured in such a way that may provoke the pinching and damaging of any of them.
2. After your wiring Double-check is complete, proceed to carefully cut the over-hanging wire-tie ends off with a pair of scissors.
3. Make sure the "On/Off" switch located on your outside interface of the Battery Box control panel is in the "OFF" position.
4. Locate the orange quick connect clips that is connected to your HillBarrow motor, followed by locating the correlating connector that extends out of Battery/Box. Connect the two securely and your Powered-Up and work-ready.

⚠️ WARNING: Once you snap the motor connector to its correlating Battery Box connector, your HillBarrow will be 100% Powered-Up and ready for operation. Be certain to keep ALL hands and clothing clear from all moving parts surrounding motor, chain, and drive-wheel(s). Your HillBarrow is equipped with very powerful moving parts and can cause injury in more ways than one if not respected, operated, and maintained properly. Think safety first...always!



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⚠️ WARNING:

Once you snap and secure the motor connector with the coinciding battery box connector, your HillBarrow at that point will be 100% powered up and ready for operation.

Be certain to keep ALL hands and clothing off the throttle button and clear from ALL moving parts surrounding motor, chain, and both drive wheels.

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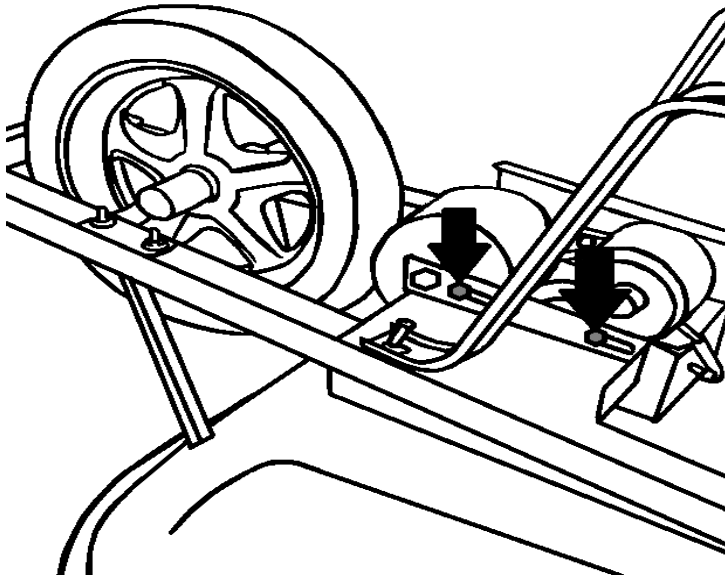
Added Note: Be certain to remove your battery box & place in a climate controlled area if one must store your Hillbarrow in or around cold temperatures. Cold weather is hard on any and all batteries in general; therefore we highly recommend bringing your battery box indoors during the winter months to prolong overall battery life.

ADJUSTMENT FEATURES

Tools required: One (1) 6mm Allen wrench, one (1) ½ inch socket/ratchet, and one (1) ½ inch wrench. Substituting Two (2) ½ inch wrenches is an option.

In the event that you are installing your HillBarrow attachment on an older model wheelbarrow that has less wheel tread, or that you have used your wheelbarrow/HillBarrow to a point that tire tread has depleted over time; our HillBarrow attachment is made to accommodate and adjust accordingly.

1. Before attempting to service or adjust in any way, be sure to turn the HillBarrow to its **"OFF"** position first and foremost.
2. Disconnect the motor wires from its correlating battery pack wires to ensure there is no power to the drive-train in any way before and during servicing.
3. Notice the four (4) bolts that are located just outside the motor housing that attach the outside wing(s) framing to the motor housing framing.



4. Loosen all four (4) bolts by holding the nut on the inside with a wrench while turning the main bolt on outside with your other wrench or socket. Do not separate the nut from the bolt completely; it is not necessary to adjust.

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Be certain to keep ALL hands and clothing off the throttle button and clear from ALL moving parts surrounding motor, chain, and both drive wheels.

Your HillBarrow is equipped with very powerful moving parts and can cause injury in more ways than one if not respected, operated, and maintained properly. Think safety first.... always!

Note: Make sure ALL cables/wires are out of the way of ANY pinch points before re-tightening the motor housing hex nuts. When correctly tightened the assembly will not shake or vibrate under normal circumstances & working conditions.

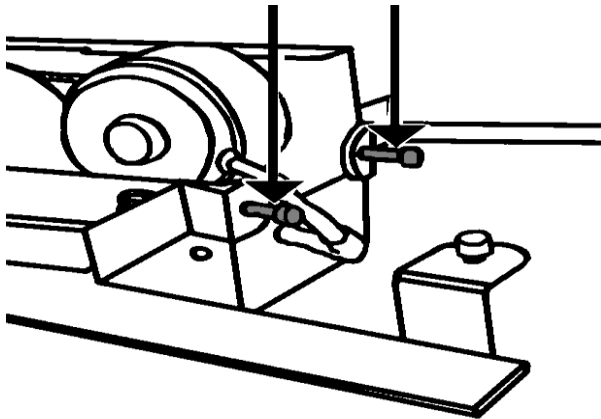
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ADJUSTMENT FEATURES (Continued)

Tools required: One (1) 6mm Allen wrench, one (1) ½ inch socket/ratchet, and one (1) ½ inch wrench. Substituting Two (2) ½ inch wrenches is optional.

5. Just under the back of the battery box you will need to locate the two (2) adjustment cap screws.
6. Turn each of the two (2) adjustment cap screws in a clock-wise manner with your fingers first followed by the use of the 6mm Allen wrench. This process will push the HillBarrow motor housing and drive-wheel closer to the wheelbarrow wheel for adequate contact. Removing the battery box before adjusting is recommended and will offer additional room and clearance.
7. Be certain to count and replicate the amount of turns you apply to each cap screw so you achieve equal adjustment to the opposing cap screw.
Do Not Overtighten and over-pressurize the drive-wheel. If you can turn the wheelbarrow wheel by hand with little effort, you are within the range of right; if wheel is difficult to turn by hand then the motor will have a tougher time turning it as well. Damage to motor etc. may occur if an over-tightened drive-wheel is ignored or disregarded.
8. Once you have achieved proper adjustment and wheel alignment, tighten up all (4) adjustment bolts to secure your HillBarrow attachment in place. Be certain these (4) bolts are adequately tightened because they withhold the pressure and power of the entire HillBarrow motorized assembly.



⚠ WARNING: Do NOT over-adjust and over-pressurize your HillBarrow attachment to the wheelbarrow wheel or a loss of power will be noticed, and indefinite damage could be done to your HillBarrow motor if disregarded.

If you have over pressurized your HillBarrow, the first sign that you will notice will be that your HillBarrow will be hard to push and maneuver without having the power switch in the “ON” position and the throttle button fully pressed.

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If you have over pressurized your HillBarrow, the first sign that you will notice will be that your HillBarrow will be hard to push and maneuver without having the power switch in the “ON” position and the throttle button fully pressed.

Added Note: Be certain to oil your HillBarrow chain periodically to extend overall life of the chain, motor, & correlating parts.

⚠ WARNING:

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Adult Operators Only
At least 18 years of age is highly recommended.

USAGE

Safely Operating your HillBarrow

1. Locate the “On/Off” switch on the battery box control panel. Flip the power switch to the “On” position; its red light will illuminate.
2. Located on the opposite side of control panel you will notice a numerical knob consisting of the numbers ranging for (1-10). With (0) Power being in the centered straight-up position, turn the dial towards the right (clock-wise) to increase the motor speed. (3-5) is a good starting point for any beginner.
3. Pick up your wheelbarrow securely by the Handles as you normally would.
4. Take a step, then press the throttle button.... and you're off!
5. Assisting your HillBarrow upon take-off and during immediate trip(s) will not only extend your overall battery life, but also extend the life of the motor and correlating parts. When your HillBarrow is in motion before the throttle button is pressed, your HillBarrow batteries etc. will not have to pull nowhere near as many amps to get rolling, and the same principles apply when rolling as well

.Please refer to the “How the HillBarrow Works” video on the Homepage of the HillBarrow.com website.

How it Works

Now you can haul everything with the simple push of a button with nearly no effort at all!

[CONTACT US](#)



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Adult Operators Only At least 18 years of age is highly recommended.

Do Not Overload your Load Tray with a weight you couldn't normally handle. The HillBarrow will greatly assist in pulling your load, but is no way intended to be expected to handle it. Safety 1st...Always!

Be certain to keep ALL hands and clothing off the throttle button and clear from ALL moving parts surrounding motor, chain, and both drive wheels.

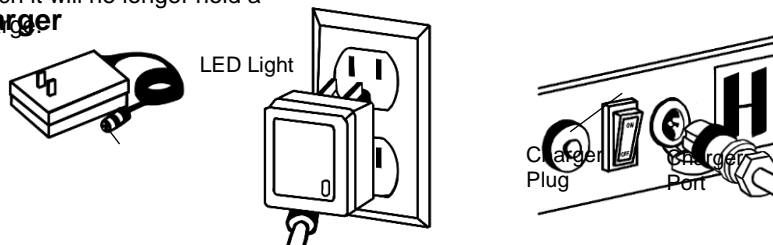
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CHARGING THE BATTERY

- Initial charge time: 12 hours
 - Recharge time: up to 12 hours, even if the light turns green. Maximum charging time is 24 hours.
 - Always charge the battery immediately after a long day's use.
 - Fully charge battery before storing for extended periods of time.
 - Un-install battery pack and bring indoors during winter months to extend overall battery-life drastically.
 - Unplug charger from the wall outlet when not in use.
 - Failure to recharge battery periodically may result in a battery that will not accept a charge.
 - Make sure your HillBarrow's power switch is turned "OFF" when unit is not in use. If the power switch is left "On" for an extended period of time, the battery may reach a stage at which it will no longer hold a
- To reiterate, in order to ensure long battery life; never store the product in freezing or below freezing temperatures! Freezing will permanently damage the battery.
 - Run time may vary depending on riding conditions, climate and/or proper maintenance
 - Constant stopping and starting may shorten operation time.
 - Assisting your HillBarrow with take-off and with your load thereafter will greatly extend the overall life of your batteries and other remaining critical components.
 - Average battery life for a properly maintained unit is approx. 250 charge/discharge cycles

Charger



Note: Make sure power is turned "Off" when unit is not in use and when charging. If the power switch is left "on" for an extended period of time, the battery may reach a stage at which it will no longer hold a charge.

1. Plug the charger plug into the wall outlet. The light on the charger should turn green. If green light (LED) does not turn on, try a different outlet before notifying us via our HillBarrow.com website.

2. Plug the charger in the charger port on the product. Make sure the power switch is in the "OFF" position. The light on the charger should turn red during charging. The light will turn green again once charging is complete.

⚠️ WARNING: Use ONLY with the recommended charger. Batteries are only to be charged under adult supervision. The charger is not a toy and is an electrical and critical component. Always disconnect your HillBarrow from the charger before cleaning your HillBarrow with a damp cloth. The charger supplied with your HillBarrow should be examined regularly for cord damage. If damage to the wiring is noticed in any way do NOT attempt to charge your HillBarrow until repaired or replaced.

Note: If your charger does not look like the one illustrated, your unit has been supplied with an alternative charger. The specifications and charging procedure would not change. For added safety your charger is equipped with an overcharge protection device to prevent battery from being overcharged.

The charger has a small window with one LED light to indicate the charge status. Refer to the illustration on the charger unit for the actual "charging" and "charged" status indications for your model charger. Charger may get warm during use. This is normal for some chargers and is no cause for concern. If your charger does not get warm during use, it does not mean it is not working properly.

⚠️ WARNING: Battery charge can deplete over time. Failure to recharge batteries at least once a month may result in batteries that will no longer accept a charge. Storing your HillBarrow battery pack indoors during winter months will drastically extend your overall battery life... we guarantee it!

PRE-OPERATION CHECKLIST

*Frame, battery supports, and chain.

Check periodically for cracks or broken connections. Although broken frames are rare, it is possible for an aggressive operator to run into a curb or other object, and wreck, bend, and/or break frame. Get in the habit of inspecting your HillBarrow on a regular basis. Place two (2) drops of oil on chain every two (2) weeks or four (4) drops within a month. If you must operate your HillBarrow in wet conditions, oil the chain immediately thereafter to prolong chain life and prevent rusting.

*Hardware/Loose Parts

Before every go with your HillBarrow, check all parts such as nuts, bolts cables, fasteners, etc. to ensure they are secure and assembled correctly. There should not be any unusual rattles, shakes, or sounds from loose parts or broken components. If the unit is damaged, do NOT operate. Reference "Safety Warnings" included in this manual.

*Tires

Both the HillBarrow drive-wheel and your wheelbarrow wheel will NOT require air at any time unless your wheelbarrow is an older air-filled pneumatic model. Our drive-wheel and the newer wheelbarrows sold on the market today are equipped with non-pneumatic tires (NPT), meaning tire(s) that are solid, in which is NOT supported by air pressure.

*Safety Gear

Always wear proper protective gear, such as an approved safety helmet. Elbow pads and kneepads are recommended. Always wear work boots with adequate tread or athletic shoes (lace-up shoes with rubber soles) and keep shoelaces tied and out of the way of the wheels, motor, and drive system. NEVER OPERATE BAREFOOTED OR IN SANDALS, AND NEVER USE HEADPHONES WHILE OPERATING HILLBARROW.

*Laws and Regulations

Always check and obey any local laws and/or regulations. Respect people, their property, and always keep in mind the "Golden Rule" too.

*Insurance

Do NOT assume that your existing insurance policy(s) necessarily provide coverage for HillBarrow use. Check with your insurance company for information regarding insurance coverage as it relates to the use of your HillBarrow around your home or on the job.

Need Help? Visit our website for replacement parts and product support.

Visit us at
www.HillBarrow.com or
call toll free at 1-800-
859-0609 Monday -
Friday 9AM 5PM
(Eastern Standard Time)

⚠️ WARNING:

Battery charge can deplete over time. Failure to recharge batteries at least once a month may result in batteries that will no longer accept a charge. Storing your HillBarrow battery pack indoors during winter months will drastically extend your overall battery life, we guarantee it!

Adult Operators Only At least 18 years of age is highly recommended

Do NOT Overload your Load Tray with a weight you couldn't normally handle. The HillBarrow will greatly assist in pulling your load, but is no way intended to be expected to handle it. Safety always comes first!

Be certain to keep ALL hands and clothing off the throttle button and clear from ALL moving parts surrounding motor, chain, and both drive wheels.

Adult Operators Only At least 18 years of age is highly recommended.



REPAIR AND MAINTENANCE

Always Turn power switch “**OFF**” before beginning repair or maintenance:

- Read the instructions
- Remove Charger Plug
- Turn the power switch “**OFF**”
- Secure the unit under repair
- Exercise caution around exposed parts
- Contact HillBarrow customer service if unsure about any repair or maintenance

Chain and Rear Tire Replacement

Tools required: Two (2) 9/16-inch wrenches, or one (1) 9/16- inch wrench, one (1) 9/16 -socket/ratchet.

Disassembly

1. Using either of the two (2) combination of tools, loosen the axle bolt by turning the wrenches counter clockwise. Remove wheel and/or chain and install replacement wheel and /or chain. Note the sequence of the hardware.

Battery Care and Disposal

Do not store in freezing or below freezing temperatures. To properly maintain your battery and ensure maximum battery life, carefully read the “Charging the Battery” section of this owner’s manual.

CONTAINS SEALED NON-SPILLABLE LEAD BATTERIES. BATTERIES MUST BE RECYCLED.

Disposal: Your HillBarrow product uses sealed lead-acid batteries which must be recycled or disposed of in an environmentally sound manner. Do not dispose of a lead-acid battery in a fire. The battery may explode or leak. Do not dispose of a lead-acid battery in your regular household trash. The incineration, land filling, or mixing of sealed lead-acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lead-acid battery recycler or a local seller of automotive batteries. If you live in Florida or Minnesota, it is prohibited by law to throw away lead-acid batteries in the municipal waste stream.

Charger: The charger supplied with your HillBarrow should be regularly examined for damage to the cord, plug, enclosure, and other parts. In the event of such damage, your HillBarrow must not be charged until it has been repaired or replaced. Use **ONLY** with the chargers supplied with this product or a recommended replacement specified by HillBarrow/American Pride Technologies, LLC.

Replacement Parts

For a complete selection of parts, contact us toll free at 1-800-859-0609.

Need Help? Visit our website for replacement parts and product support.

Visit us at www.HillBarrow.com or call toll free at 1-800-859-0609 Monday - Friday 9AM 5PM (Eastern Standard Time)

⚠️ WARNING:

If a battery leak develops, avoid any contact with leaking acid and place the damaged battery in a plastic bag. Refer to the disposal instructions at left. If acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

⚠️ WARNING:

Battery posts, terminals and related accessories contain lead and lead compounds. Wash your hands after handling.

Be certain to keep ALL hands and clothing off the throttle button and clear from ALL moving parts surrounding motor, chain, and both drive wheels.

⚠️ WARNING:

Treat your HillBarrow as if it were a chain saw. Such motorized products like the chainsaw can cause injury & possibly death to ANY person if used improperly.

Do Not Overload your Load Tray with a weight you couldn’t normally handle. The HillBarrow will greatly assist in pulling your load, but is no way intended to be expected to handle it. Safety 1st...Always!

TROUBLESHOOTING

***Unit(s) should be turned off and fully charged prior to doing ANY type of Servicing and/or Troubleshooting**

NOTE: All troubleshooting steps should be performed by an adult only.

1st Check to see if the safety breaker located on left side of control panel interface has tripped. Press the button in and then check your HillBarrow.

Does not work out of the box - Loose Connection(s)/Check entire assembly.

No Longer Works- Loose connection(s)/Tripped Reset Button

Charger not working - Check power to wall outlet and/or try a different outlet
Check lights on charger:

Plugged into wall = Green

Plugged into wall & unit = Red=Charging

Charging Complete = Green

No lights – Replace Charger

Secure unit; turn the power switch on and with no weight in the unit, stand on end and apply the throttle. If motor engages - Replace Battery

The reset button will trip if the motor is overloaded. An excessive overload may be caused, for example, by too heavy of a load and operator not assisting. Wait a few seconds then press the reset button. Correct hauling conditions to prevent overload. If motor does not engage, but makes a clicking sound.

Your HillBarrow Controller is built with an additional back-up safety breaker that will cut off all power to all components in the event excessive power is being used, or if a critical component is getting too hot due to excessive use under extreme conditions and/or excessive outdoor heat. Test: Hold Throttle button down. If you here a clicking sounds every one second, the controller is attempting a safe restart every one second. If this is the case let your HillBarrow cool down adequately, lighten the load, and/or assist your HillBarrow a little more at take-off and as you travel with your load thereafter.

Replace batteries if motor does not engage and no clicking sound.

Short Ride Time/Runs Slow Load weight -Battery not fully charged
Old/damaged battery improper battery maintenance

Charge unit for a full 12 hours. Secure unit; turn the power switch “On” and with no load in the unit, lift up back end and apply the throttle. If motor engages - Replace Battery

Charge battery periodically when not in use. Do NOT store unit in freezing or below freezing temperatures. Freezing will permanently damage the battery and greatly reduce ride time. Refer to page 5 ‘Charging the Battery

Runs Intermittently Loose connection(s) Check the wires around the throttle and for other possible loose connections Replace – throttle button and wiring

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call toll free at 1-800-
859-0609 Monday -
Friday 9AM 5PM
(Eastern Standard Time)

Be certain to keep ALL hands and clothing off the throttle button and clear from ALL moving parts surrounding motor, chain, and both drive wheels.

⚠️ WARNING:

If a battery leak develops, avoid any contact with leaking acid and place the damaged battery in a plastic bag. Refer to the disposal instructions at left. If acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

⚠️ WARNING:

Treat your HillBarrow as if it were a chain saw. Such motorized products like the chainsaw can cause injury & possibly death to ANY person if used improperly.

Do Not Overload your Load Tray with a weight you couldn't normally handle. The HillBarrow will greatly assist in pulling your load, but is no way intended to be expected to handle it. Safety 1st...Always!

Adult Operators Only At least 18 years of age is highly recommended.

Visit Us at www.HillBarrow.com or call toll free at 1-800-859-0609 Monday - Friday 9AM 5PM (Eastern Standard Time)

HillBarrow Parts List

Keep your HillBarrow running with genuine HillBarrow parts. Visit our HillBarrow.com website or e-mail us for more information on spare part availability.

(Specifications subject to change without notice.)

1 Throttle Button

2 Drive Wheel

3 Control Module

4 Battery Box/Control Panel

5 Reset Button

6 On/ Off Switch

7 Charger Port

8 Motor (24V / 200W)

9 Chain Tensioner

10 Chain

11 Battery (2x 12V/ 7Ah)

12 Battery Bracket

SB 1918 (CALIFORNIA) DECLARATION YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS SCOOTER/ELECTRIC VEHICLE. TO DETERMINE IF COVERAGE IS PROVIDED, YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT.

2-year Power Train Limited Warranty

We are going to make it Right, One Way or Another!

Applies to both Residential and Commercial

In the rare event your HillBarrow becomes defective due to faulty materials or workmanship within two years from the original date of purchase, we guarantee to:

- Replace or repair all defective parts, free of charge, or,
- Repair products free of charge, or,
- Replace the unit with a new or re-conditioned unit while reimbursing all shipping expenses.

Your warranty is subject to the following conditions:

- Battery packs and chargers are guaranteed for a two-year period only, regardless of any online registrations or promotions.
- The tool has not been misused, abused, neglected, altered, modified or repaired by anyone other than an authorized "HillBarrow" associate.
- Only genuine HillBarrow accessories and parts have been used on or with the product
- The tool has been subjected to fair wear and tear.
- The tool has not been used for rental purposes.
- The tool has not sustained damage through foreign objects, liquids, or by forms of storms or any other natural event.

Your warranty does not cover:

- Abnormal use, abuse, neglect, accidents, alteration or repairs done by anyone outside of American Pride Technologies, LLC.
- Normal tool wear and tear, use in a business, trade, or any professional services.
- Components that are subject to natural wear and tear caused by use in accordance with operating instructions.
- Unauthorized/improper maintenance/handling or overloading issues is excluded from this warranty as are such accessories such as light-bulbs, saw-blades and drill-bits, etc.

Additional Limitations

Any implied warranty granted under state law, including warranties of merchantability or fitness for a purpose, are limited to two years from the date of purchase. The manufacturer is not responsible for direct, indirect, incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

The manufacturer declines any responsibility regarding civil liability arising from abusive use or not in conformity with proper use and maintenance of the machine as described in the operator's manual.

After the purchase, the manufacturer recommends proper maintenance of the machine and to read the operator's manual before using the machine.

The American Pride Technologies, LLC Company warrants to the original purchaser (user) that all batteries and battery packs shall be free from defects in material and workmanship for a period of two years from date of receipt. For Example: If the American Pride Technologies Company determines a battery to be defective, we will ship replacement(s) without charge. All battery and battery pack warranty claims are subject to the following conditions and limitations:

Conditions and Limitations

1. The battery(s) shall be the proper size, design, and capacity for the application. Failure to use the proper battery for the application will void any and all warranties.
2. The battery(s) shall be handled, stored, and installed properly. Batteries must NOT show signs of neglect from being stored in the direct cold and/or hot weather when not in use for prolonged periods of time. Final installation shall be completed no more than six months from the date of receipt.
3. The battery(s) shall be operated in conjunction with a current limited, constant voltage charging system, and otherwise operated and maintained in accordance with instructions.
4. The user shall permit examination of the battery(s) by an American Pride Technologies representative by shipping the batteries back to us for warranty claim examination.
5. Only the remaining unused portion of the original battery's warranty shall apply to the replacement battery.
6. This warranty is void if the battery(s) is subject to misuse, abuse, visible physical damage, or if the battery becomes unusable due to fire, wreckage, flooding, freezing, or by any other natural monstrosities.
7. The above stated warranties are in lieu of all other warranties, expressed or implied, including, without limitation, any implied warranty of merchantability or fitness. In no event, shall The American Pride Technologies, LLC. Company be responsible for any incidental injuries or events & shall not be liable for any defects in, or any breach of contracts relating to the quality or performance of the above equipment under any theory of law.
8. These limited warranties apply to the original purchaser (user) and are not transferable.

9. The user shall promptly notify The American Pride Technologies Company in the event of an alleged defect. To file a warranty claim for any SLA battery or battery pack, please e-mail us at support@thehillbarrow.com or call us Toll Free at 1-800-859-0609 during the hours of 9am-5pm EST with the following information:

Battery Chargers

Chargers made by Lester, Guest-Marinco, Razor, or Currie Technologies - The American Pride Technologies, LLC. Company warrants to the original purchaser (user) that battery chargers made by Lester or Guest-Marinco, or Currie Technologies shall be free from defects in material and workmanship for a period of 1 years from the date of receipt. Battery Chargers made by Universal Power Group, CTE, or Battery Maximizer

The American Pride Technologies, LLC. Company warrants to the original purchaser (user) that battery chargers made by Universal Power Group, CTE, or Battery Maximizer shall be free from defects in material and workmanship for a period of 1 year from the date of receipt. Battery Chargers made by Qili Power, Coming Data, High Power, MK Battery, Pihsiang, or Other "OEM" Battery Chargers.

The American Pride Technologies Company warrants to the original purchaser (user) that all battery chargers from Qili Power, Coming Data, High Power, MK Battery, Pihsiang, or any battery charger designated "OEM" shall be free from defects in material and workmanship for a period of 60 days from the date of receipt.

Conditions and Limitations

- All replacement parts shall be the proper size and design for the application. Failure to use the proper battery charger for the application will void any and all warranties.
- The user shall permit examination of the battery charger by an American Pride Technologies, LLC representative.
- Only the remaining unused portion of the original battery charger's warranty shall apply to the replacement battery charger.
- This warranty is void if the battery charger is subject to misuse, abuse, visible physical damage, or if the battery charger becomes unusable due to fire, wreckage, flooding, freezing, or any other acts of natural monstrosities.
- The above stated warranties are in lieu of all other warranties, expressed or implied, including, without limitation, any implied warranty of merchantability or fitness. In no event shall The American Pride Technologies LLC Company be held responsible for any incidental or consequential damages or loss. As stated herein, The American Pride Technologies LLC Company shall not be liable for any injuries, defects in, or any breach of contracts relating to the quality or performance of the above equipment under any theory of law.

- These limited warranties apply to the original purchaser (user) and are NOT transferable.

- The user shall promptly notify The American Pride Technologies LLC Company in the event of an alleged defect, being prepared to give details of the problems you're experiencing with your item. We will then e-mail you an R.M.A. (Return Merchandise Authorization) number so that you may ship your item back to us to inspect.

Insurance

Your home insurance policy(s) may not provide coverage for accidents involving the use of the motorized HillBarrow. To determine if coverage is provided, you should contact your insurance company or agent directly.

Legal Policy

Please read and understand the following information before purchasing any product from the American Pride Technologies LLC Company. We wish we didn't have to include such literature & so much of it, but it's a must in online retail to expect each & every customer and American Pride Technologies employee to be fully informed & fully understand the terms, conditions, disclaimers, policies, warranty information, & Standard Operating Procedures (SOP) that all customers & employees must agree to before a transaction is processed or a HillBarrow is constructed by any given employee within the American Pride Technologies Company. Customer Service, Quality, & Durability, will forever remain our everlasting Goal. Both the customer(s) & all employees must understand & be informed of the same guidelines to ensure the product is perfect before it is to be Shipped.

Disclaimer

There are inherent dangers to using a motorized HillBarrow. Purchaser shall use product at their own risk and Seller will not be held liable under any circumstance for incidental or consequential loss or damage or injury, due directly or indirectly to the use of this product, including any malfunction. The user holds Seller and his agents harmless from any liability. Purchaser obtains her/his own insurance. Seller assumes no suitability of any of these products as to size, age and other factors largely depend on personal discretion. Any motorized Product, Vehicle, or A.T.V. involve the risk and danger of serious bodily injury including, but not limited to, disability, paralysis, dismemberment and death. These inherent risks and dangers may be caused by Purchaser's own actions or in-actions, the actions or in-actions of others, participating or not participating in the activity, the condition in which the activity takes place, or the negligence of others. There may be additional risks, including social and economic loss, either known or unknown to Purchaser, not readily foreseeable, and Purchaser fully accepts and assumes responsibility for all such risks, losses, costs, and damages

incurred as a result of Purchaser's participation in any given activity involving a motorized "HillBarrow."

Release

The User agrees to release The American Pride Technologies LLC Company, it's officers, agents, sponsors, and employees from claims, demands, and damages (both actual and consequential), of every kind and nature, known and unknown, suspected and unsuspected, disclosed and undisclosed, arising out of or in any way connected with items purchased, or purchases made on or through this website.

Limitation of Liability

In no event shall The American Pride Technologies Company or its suppliers be liable for lost profits or any special, incidental or consequential damages arising out of or in connection with our website or items purchased on or through our website and per this agreement (however arising, including negligence). Our liability, and the liability of our suppliers, to you or any third parties in any circumstance is limited to the User's cost of qualifying products purchased at the time of entering into the agreement. Qualifying products may be acceptable for return as outlined in the return policy.

Disclaimer of Warranty

The American Pride Technologies Company expressly disclaims any warranty for the information on this website. Product information is provided on an "as is" basis, without warranty of any kind, either expressed or implied, including, without limitation the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. The entire risk as to the performance of, or arising out of the use of products purchased is borne by the User. The American Pride Technologies LLC Company makes no warranty regarding the accuracy of information about products produced by outside vendors that make up the direct components within the HillBarrow. All product information is provided by a third party and is said to be true to the best of our knowledge. All product information available to us is made available to the user. Information on this website & within the American Pride Technologies LLC Company is subject to change without prior notice in order to maintain adequate business stability while sustaining overall growth.

Indemnification

User hereby agrees to defend, indemnify, and hold harmless The American Pride Technologies LLC Company, it's officers, directors, employees and agents, for any loss or damages awarded by a court of competent jurisdiction resulting from any claim, action, or demand, including reasonable attorneys' fees, arising out of or related to products purchased on this website, or the violation of the agreement by the User. Purchaser acknowledges having read and understood the use of these products before

purchasing. This shall not act a waiver of any implied warranties which customer retains, as provided by law.

Copyright Information

The documents and information on this Web site are patented, trademarked, and copyrighted materials of The American Pride Technologies Company and its information providers. All other copyrights are those of their respective owners. Reproduction or storage of materials retrieved from this website are subject to the U.S. Copyright Act of 1976, Title 17 U.S.C.

Copyright Complaints

The American Pride Technologies Company respects the intellectual property of others, and we ask you to do the same. If you believe that your work has been copied and is accessible on the HillBarrow.com web site in a way that constitutes copyright infringement, you may notify us by providing the following information:

An electronic or physical signature of the person authorized to act on behalf of the owner of the copyright interest; a description of the copyrighted work that you claim has been infringed, including the URL (i.e., web page address) of the location where the copyrighted work exists or a copy of the copyrighted work; identification of the URL or other specific location on the HillBarrow.com web site where the material that you claim is infringing is located; your address, telephone number, and email address; a statement by you that you have a good faith belief that the disputed use is not authorized by the copyright owner, its agent, or the law; a statement by you, made under penalty of perjury, that the above information in your notice is accurate and that you are the copyright owner or authorized to act on the copyright owner's behalf. Please contact Support@HillBarrow.com for notice of claims of copyright infringement on this Website.

Purchaser Responsibility

You must inspect all equipment before using it and take full responsibility for ensuring that the equipment is in good working order and safe to use. You further understand that you are responsible for damage to equipment. Purchaser understands the nature of the using of the HillBarrow acknowledges that Purchaser is qualified to operate said motorized HillBarrow and is in proper physical condition to participate in such activity involving weight stabilization & speed involved motorization. Purchaser agrees to assume all risks when allowing others to operate Purchaser's HillBarrow. If Purchaser is not familiar with the nature of safely operating said motorized HillBarrow, Purchaser should seek guidance from experienced operator, and examine ALL the proper operation material provided within the Hillbarrow.com website before operating.

Pricing, Typographical, and Photographic Errors

American Pride Technologies LLC Company strives to be as accurate as possible in our pricing, as well as our typographical and photographic depictions of products for sale. All prices are subject to change without notice. We cannot guarantee that product descriptions/specifications, pricing, or any other content is accurate, complete, or current. In the event that a product is listed at an incorrect price due to typographical, informational, technical or other error, The American Pride Technologies Company shall have the right, at our sole discretion, to either honor the displayed price or refuse/cancel any orders placed for that product at the incorrect price.

The American Pride Technologies LLC Company and third parties that provide content for this site may make improvements and/or changes in the products or content at any time without notice. It is our policy to provide as many photographic depictions of the products offered for sale as possible. Because manufacturers sometimes make slight changes to products without notice, we cannot guarantee the product you receive will be 100% identical to the product displayed on our website. However, any changes in styling will not affect the overall appearance or functionality of the product linked to Third-Party Sites.

Other Valuable Information:

This owner's manual includes important safety guidelines and maintenance instructions. Failure to read, understand, and follow instructions these important instructions may lead to serious injury or even death.

To extend the life of your HillBarrow we ask that you add a small amount of chain oil to drive chain every 1-2 months depending on the amount of use. If using daily or commercially, we recommend a light oil lubrication to chain within every 15-30 days. If used in extreme environments involving sand, dirt, dust, and water, cleaning and servicing immediately thereafter is highly recommended for maximum long-term efficiency and over-all life of the parts that make up the HillBarrow product.

***Always be certain to turn the power switch to the "**OFF**" position before servicing in **ANY** way. We also highly recommend without question the complete disconnection of the batteries from motor entirely for added safety. This is simply done by pushing in the quick connect lever while pulling the two connections apart in the opposite direction.

*****Think Safety 1st! *****

Safety 1st.....Please read the following Safety Disclaimers, Maintenance Instructions, & Additional Operating Instructions BEFORE Operating Your HillBarrow

» This product is intended for use by responsible adults with experience in operating motorized equipment safely. We highly recommend those under the age of 18 adhere to close adult supervision. No adult is immune to serious injuries or even death that can occur when operating tools with powerful motorized capabilities. American Pride Technologies LLC, like many other motorized tool companies, cannot be held responsible for underage or irresponsible use. Treat this powerful tool as if it were a powerful chainsaw, and if used improperly it could cause serious injuries in many more ways than one if not experienced, and/or using irresponsibly, abusively, or without proper and adequate knowledge and training.

» Always load HillBarrow tray within a weight range that match and coincide with your realistic physical capabilities in regard to having to balance and turn the load safely.

*****DO NOT OVERLOAD WITH A WEIGHT YOU CAN NOT HANDLE*****

Just because it has a motorized system that will surely assist you with pulling any load, one must still consider that he/or she MUST be able to handle, turn, and maneuver the load safely. Never operate this product at a speed which is too fast for your skills, experience, &/or your strength. Always use at lowest speed possible while avoiding using in accumulating water when possible. We also recommend trying to avoid extremely dusty environments. Such environments are hard on any form of mechanical machinery. One should air blow these debris off immediately after use, wash lightly, while oiling the chain and cogs conservatively thereafter for added protection.

» This product is not in any way intended, designed, or licensed for roadway use nor intended to haul any person(s) of any size in ANY wheelbarrow Load Tray. By purchasing this product and by agreeing to this agreement, you are agreeing to use this product at your own risk.

*******Never operate this product without proper training or instructions. *******

*Any person under 18 years old should never operate this product. Operator age does NOT necessarily mean that they are qualified to operate this product. A parent should never allow this product to be used by an individual not having the ability, coordination, maturity, skills, and strength to operate it safely and in a controlled and safe manner.

Never modify this product through improper installation, modification of existing parts, or by the use of non-authorized accessories. Doing so WILL result in denied warranty claims and possibly additional safety risks for any operator thereafter.

*This product is designed to be used by only one person at a time. Never carry passengers in your load tray or allow more than one person to use this product at a time. We also recommend the wearing of knee pads, elbow pads, eye protection (goggles or face shield), gloves, & boots. Never operate this product barefoot or in sandals as this will increase the risk of injury, loss of limb, or possibly death.

*Always keep both hands on the handlebars (hand grips) at ALL times during operation.

*Always move slowly and pay extra attention when operating on unfamiliar terrain. Always be alert to changing terrain conditions or random debris ahead when operating this product. Avoid sudden stops, jerks, or twists in body movement that has commonly lead to back & neck injury.

*Never operate the HillBarrow on excessively rough, slippery, muddy, loose, or hole-stricken terrain. If you must, please use common sense & lighten the load below your normal hauling weight to be safe rather than sorry. Operator must clearly understand that when you're dealing with weight, power, motion, and operator responsible to balance, operator's should immediately focus on safety with every terrain you travel on.

The Motorized Load Assistance HillBarrow attachment was designed to greatly assist rather than entirely pull your load. With that in mind, haul what you could safely handle and control before the motorized assistance & you & your HillBarrow will be able to work together and complete many projects for many years to come.

Practice using your HillBarrow at a low speed 1st and foremost until said operator gets entirely familiar to the HillBarrow's motorized feature(s). Do not turn the speed dial "up" to an excessive, unsafe speed. Doing such WILL surely increase the risk of injury or possibly death, while dramatically decreasing your reaction time if an unforeseen event or situation would spontaneously arise.

*Always check for obstacles before operating in a new area. Although the HillBarrow was designed to assist over obstacles, such as small rocks, limbs, curbs, or other debris; extreme caution must be considered as it pertains to the potential for substantial loss of control. Going up or down steep terrains, or attempting to roll over ANY debris is a risk that you as the purchaser(s) and/or operator(s) is liable and responsible for. American Pride Technologies LLC cannot be held reliable or responsible for irresponsible judgments or actions executed by one's own "Free-Will" thereof.

*Do not operate the HillBarrow with headphones. Headphones & many other handheld type devices mask out voices, sounds, or other warnings that could pre-inform the operator of a potential threat or hazard ahead or from any other direction.

*Do not do stunts, jumps, or any other type of dangerous uses that may cause bodily harm. Do NOT risk damaging the HillBarrow and the voiding of said warranty due to extreme abuses. Such irresponsible acts will result in a higher risk of injury(s) and could possibly result in death.

*Do not lean, lift, tilt, or turn the HillBarrow in either direction too excessively, too abruptly, or too sharply at any time or at any speed for this may cause a weight shift and/or allow parts of your “Wheelbarrow” to contact with the ground. As a direct result you may lose control, spill load, obtain injury(s), death, &/or inflict damage to the HillBarrow assembly. This especially pertains to any downhill transport, as you are naturally and instinctively persuaded to lift the handles up higher; in which the support frame enclosing the main wheelbarrow wheel may contact ground and cause an extreme abrupt stop. Practice keeping the handles of your wheelbarrow as low to the ground as possible to prevent the front wheelbarrow frame from ever contacting with ground. NEVER attempt to touch the motor or battery assemblies during or immediately after operation as they can become hot from previous operation.

Wet Water Use May Damage HillBarrow Electrical System(s). This product is not intended for use in extreme water (damp roads, puddles, rain, streams, muddy areas etc.) types of conditions. Never immerse this product in water or leave out in the rain as the electrical system(s) may be damaged as corrosion and rust would be welcomed.

Battery Charger

*The charger and charger port should be regularly inspected for damage (cord, plug, enclosure, etc.). If damage is found stop using the charger until it can be repaired or replaced.

*The charger is not a toy and should be kept out of reach of children at ALL times.

*Always disconnect the charger from the wall outlet and the charger port on the HillBarrow when not using it. *Do not charge your battery for more than 24 hours continuously.

Battery Care

Proper maintenance of batteries will maximize their lifespan and capacity. The American Pride Technologies Company warrants your new batteries from the date of purchase only if properly cared for—refer to the limited warranty for details. SLA (Sealed Lead Acid) batteries are used in the HillBarrow. This is a very user-friendly type of battery when cared for properly.

Care

Even with proper care, rechargeable batteries do not last forever. Every time the battery is discharged and subsequently recharged, its relative capacity decreases by a small percentage. You can maximize the life of your battery by following the instructions in this guide.

- Batteries should be fully charged immediately when they are received for the full recommended charge times. HillBarrow recommended charge time: 4-6 hours
- Never charge batteries for longer than 24 hours continuously.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.
- SLA batteries do not have a “memory.” Partial discharge/charge cycles will not harm the batteries’ capacity or performance.
- The rated output capacity of a battery is measured at 77°F (25°C). Any variation in this temperature will alter the performance of the battery, and shorten its expected life. High and low temperatures especially reduce overall battery life & run time.
- Always be sure to turn the main HillBarrow power switch to “**OFF**” after each use. If you leave the power switch in the “ON” position, or your product has not been charged for a long period of time, the batteries may reach a stage at which they will no longer hold a charge.
- Be friendly to the environment! Be sure to recycle your old batteries at a local battery-recycling center. Do not throw them in the garbage! Check www.call2recycle.org for more information on free battery drop-off locations.

Storage

When storing your batteries for a long period of time (longer than 30 days):

- Charge your batteries every 90 days to avoid capacity loss. Batteries slowly self-discharge when left unused for a long period of time; if the battery cells are allowed to reach a critically low voltage, their lifespan and capacity will be permanently reduced.
- Always disconnect your charger from the wall outlet and battery before storing the battery.
- Avoid storing your batteries in extreme temperatures, whether hot or cold.
- Batteries are best kept in a cool, dry place. Do not allow batteries to accumulate condensation, as this could cause shorting, as a result of corrosion and rust.
- The recommended storage temperature for both SLA and Li-Ion batteries is between 32-77 °F (0-25°C).
- Avoid exposing the battery to extreme heat (104°F (40°C) or higher) for long periods of time.

Battery FAQ:

Q: Do I need to “break-in” my batteries?

A: Yes, it is recommended that you perform a “break-in” cycle consisting of ~ three discharge/charge cycles to allow your batteries to reach optimum performance. This involves three complete discharges and three complete recharges. After this initial

“break-in” cycle the batteries will have maximum possible performance and less line voltage fluctuations under load.

Q: Is it normal that the batteries get warm when recharging?

A: Yes, it is normal that the batteries will become warm to the touch during the recharging process. This is because of the increase of internal resistance and lower energy conversion efficiency from electric energy to chemical energy.

Q: How long will my batteries last before needing replacement?

A: Average battery life depends on use and conditions. Even with proper care, rechargeable batteries do not last forever. Conservatively, an SLA battery will come to the end of its useful life after ~200-300 full discharge/charge cycles. A partial charge/discharge counts fractionally against those numbers; running the battery down halfway then recharging it completely uses up one half of a charge cycle. “End of useful life” refers to the point at which a battery can no longer supply 80% of its original rated capacity in ampere-hours. After this point, the aging process will be accelerated and the batteries will need to be replaced.

Plug the battery charger into a wall outlet, then into the charger port near the battery. The indicator light on the face of the charger will turn red, showing that charging has started. When charging is complete, the indicator light will turn green. A full charge will take 4-6 hours, however if the battery is not empty charging may take much less time. Always unplug the charger after use. Always store the HillBarrow with the power switched turned OFF.

Regularly checking your HillBarrow and performing maintenance will greatly extend its useful life, and ensure your HillBarrow remains safe to operate. Before each use, make sure that you....

...clean the drive chain and lubricate it periodically with a light drop of oil or two....check the drive chain for broken or damaged links....inspect the frame, especially for cracks or signs of wear

Motor will not Function

- Charge battery for the full recommended time (4-6 hours)
- Check connections to the HillBarrow controller, located under the deck near the battery.

Motor suddenly stops working during use

Check the 20-amp safety breaker, (black circular enclosed button), located on the left-side of the control panel/battery box face. This safety breaker is designed to directly protect the batteries from any type of overheating and malfunction. If applicable, press the 20 Amp safety button to re-activate the HillBarrow’s power.

Your HillBarrow is also equipped with an internal controller that includes a back-up safety feature that is designed to directly monitor, protect, and prolong the life of ALL components in more ways than one as well. If it were to have engaged, you would know so by holding in the throttle button. If you hear a clicking sound, that is a clear indication that your HillBarrow is attempting a safe re-start effort every one second. If this is determined to be the case, we advise letting the components cool down adequately, especially if it's been operating under extreme working conditions &/or prolonged heat for a long period of time.

Either of the two breakers' likelihood of engaging will depend entirely on how you choose to use your HillBarrow. If your assisting your HillBarrow up huge hills with a heavy load it will surely assist you to the top over and over again; but if you go too long without assisting it under extreme working conditions, (excessive heat, steep inclines, heavy loads), your HillBarrow may very well let you know by enacting a "Safety Shut-down" if the conditions continue for too long.

Only runs for a short period of time and abrupt battery loss is recognized on battery meter:

Your battery may have aged past its useful life. If under warranty, please contact us for servicing solutions or for the purchase of new batteries. See the Battery Care section of this manual for more details.

Additional SAFETY Instructions:

These instructions update the owner's manual to ASTM F2642 standard. Failure to read, understand and follow the instructions in this manual may lead to severe injury or even death.

» Do not allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with moving parts, wheels or drive train, while the motor is running, while device is in the "ON" Position, or anytime to be 100% safe and clear.

» Make sure that the areas that the HillBarrow is to be used in & on is safe and suitable for safe operation.

» Make sure that all safety labels are in place and understood by the operator. No passengers should be permitted in your wheelbarrow's Load Tray.

Persons with following conditions are cautioned not to operate the HillBarrow:

» Those with heart conditions

» Pregnant women

» Those with head, back, or neck ailments, or prior surgeries to those areas of the body should not use this product. Due to weight, power, strength, & controllability being the primary factors involved in the safe use of the HillBarrow, never overload. Overloading the Load tray beyond your normal weight limits is not smart and in NO way recommended by the American Pride Technologies LLC Co. in ANY form or fashion.

» Those with any mental or physical conditions that may make them susceptible to injury or impair their physical dexterity or mental capacities to recognize, understand, and perform all of the safety instructions, and to be able to assume the hazards inherent in operating the HillBarrow; should NOT be permitted to operate a HillBarrow under ANY circumstances.

FCC Warning for the battery charger

Warning: Changes or modifications to the charger not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment "off" and "on", the user is encouraged to try to correct the interference by one or more of the following measures:

- * Reorient or relocate the receiving antenna.
- * Increase the separation between the equipment and receiver.
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- * Consult the dealer or an experienced radio/TV technician for help.

Additional Safety Instructions

These instructions update the owner's manual to ASTM F2642 standard.

Returned items must be packaged properly and received at our warehouse undamaged. Please note that new packing material will need to be used for the return of heavy items such as batteries, & motors. Re-using our packing material may not be adequate. Our packing material is designed for a one-way shipment from our warehouse to the customer.

Any approved return where the item is received broken or damaged due to poor packaging will be rejected. Refunds are for the item purchase price (minus restocking fee) and will be made only to the payment method of the original order. Shipping charges are non-refundable. Return shipping is the responsibility of the customer. All items returned to us by the shipping company (USPS, UPS, etc.) due to customer refusal, incorrect address entered by the customer at checkout, or any other reason beyond our control will be credited for the purchase price minus 10% restocking fee.

Shipping will not be refunded. If an item is returned to us due to an incorrect address entered at the time of checkout and we must re-ship the item, customer will be responsible for the additional shipping charge.

Shipping Policy

Shipping rates are calculated at check-out based on current shipping rate tables, destination zip code, and order weight.

The American Pride Technologies LLC Company will strive to get your order processed and to your door as quickly as possible. Orders typically enter the shipping process very quickly. Orders that are already in our warehouse shipping process cannot be canceled.

Longer order processing times may occur during busy times, especially during Spring & Christmas months. We cannot guarantee processing times unless special arrangements are agreed to in advance. Orders will be updated with tracking information when available.

Please note that we may contact you for additional information before processing your order.

These shipping options do not include Saturday and Sunday service. Time guarantees include business days only (Monday - Friday excluding holidays). Please visit the FEDEX or UPS website for a list of holidays observed by FEDEX and UPS companies.

FEDEX and UPS service guarantees do not apply when transportation networks are disrupted due to inclement weather or other events.