

# Beast ATV Deluxe User Manual



 **DAYMAK**

# ***About Daymak***

Daymak is one of Canada's largest Alternative Vehicle providers. We design, engineer, manufacture, import and repair everything from recreational dirt bikes, go-karts and electric golf cars to alternative transportation solutions such as e-bikes and gas scooters.

Our electric bicycles represent an energy-e-efficient and eco-friendly alternative for people who need to get around the city. They greatly increase the practicality of bicycle transportation in urban centers. Costing only a few cents to charge, an e-bike can make city life more convenient and much less expensive. While there are many new Green technologies that are still in their infancy, electric bicycles have been developing over the last 40 years or more. E-bike technology has been dramatically re invented since the introduction of the 1st custom-conversion bicycles. Today, electric bicycles are a supremely reliable and affordable means of transportation. Daymak is constantly developing new eco-friendly alternative transportation strategies, led by its own Research and Development department in Toronto, Canada.

We are always improving our products. Our innovative in-house engineering and quality testing provide customers with many new kinds of reliable, eco-friendly vehicles, designed to help change the lives of our customers and the world. Daymak warranties, services, and stocks parts for everything it sells. We support our products. Please feel free to visit our website. You'll find the latest in cool transportation solutions, support for the products you've purchased and contact information.





# Components

- 1) Trunk
- 2) Seat
- 3) Throttle
- 4) Display
- 5) Headlights
- 6) Winch
- 7) Plow
- 8) Tire
- 9) Gas Shocks
- 10) Bluetooth Controller
- 11) Charging Port
- 12) Motor Switch
- 13) Tail Light

# Safety

When operating the Beast ATV Deluxe please make sure you adhere to the following:

Always wear a helmet when riding the Beast ATV Deluxe

Always check your mirrors and blind spots when operating through trails.

Turn on headlights when in need of additional visibility.

Make sure that your battery power is sufficient before you go out to ride

Do not ride with more than 1 passenger

Do not over charge the battery by leaving the charger in the charging port. Once the battery is fully charged remove the charger immediately.

Do not try to operate the unit while charging.

Do not let anyone under the age of 16 years old operate this vehicle.

Do not operate this unit up extreme inclines to avoid tipping.

Do not make sharp / abrupt turns at high speeds to avoid tipping.

Do not operate under the influence of any use of drugs or alcohol

Do not operate on public roads

Do not operate at excessive speeds.

Do not completely submerge the unit in water



# Operation

## Powering on the unit

When you are ready to use your Beast ATV, start by turning the ignition, located on top of the front right wheel well (seen here) clockwise. It comes with two sets of keys so be sure to keep the spare separate for safe keeping. Once you are finished turn the ignition counterclockwise to turn off the unit.

Once the key is on be careful not to accidentally twist the throttle until you are ready to ride. We recommend putting on the brake lock when you are finished with the unit and releasing it as the last step before you begin to ride.



## Connecting to your unit via Bluetooth

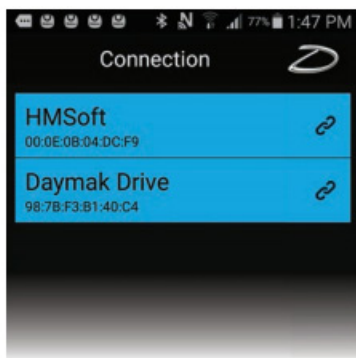
The Beast ATV can be connected to via bluetooth to increase torque range and more.

Once the App is open, it will show you a list of the nearby bluetooth devices as well as the Front and rear motor. Connect to the rear motor or front (whatever is your preference). For the first time you connect, it will require you to input a password: **12345678**.

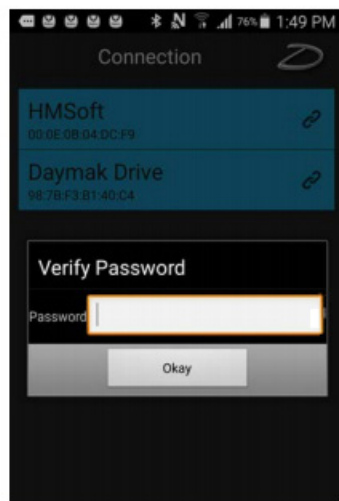
Once you have done that, a speedometer will show up and you are ready to go!

For more information on the Daymak Drive App, please refer to the quick guide seen here:

<http://daymak.com/manuals/Daymak%20Drive%20Manual.pdf>



Please note the Beast ATV has two controllers, so any changes to effect one motor, will not effect the other.





## ***Riding the Unit***

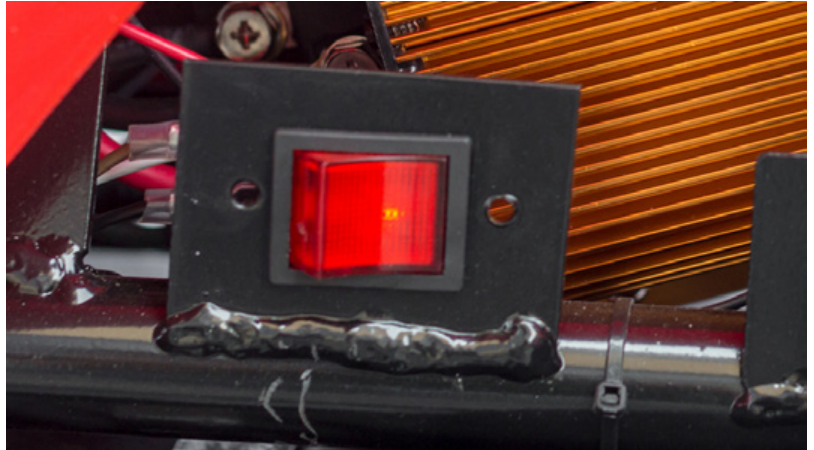
### ***Motor Controls***

The Beast ATV has two motor switches on each side of the unit.

The switch that is on the right side of the unit (as if you were sitting on it) controls the front motor.

The switch that is on the left side of the unit (as if you were sitting on it) controls the rear motor.

To turn each motor on, flip the switch so the LED light, is showing (pressed in towards the front of the ATV). If both switches are turned on you will have all wheel drive.



### ***Throttle***

Once you have chosen which motors you want to engage, rotate the throttle (the right handle seen above) towards you to go. Do this slowly to get your bearings and once you are comfortable continue rotating until you reach your desired speed.

## **Brakes**

On both sides of the handlebar there are brake levers as seen on the right. To engage the brakes, pull the brake lever towards you.

**The right brake lever activates the front brakes**

**The left brake lever activates the rear brakes**



### ***Brake lock / Wheel Lock***

To engage the brake lock, first pull the brake lever towards you as you would normally engage the brakes.

Then push the knob seen here behind the brake lever . To release it pull the small latch that surrounds the button back and pull the brake lever again to its normal position



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# Features

On the left handlebar you have the following functions

## 1) Lights

There are three positions that this can slide into. The lowest position has the lights off. The middle position has the lights on with low beams, and the the highest position has the lights on with high beams.

## 2) Turn Signals

Push this switch to the left to indicate going to the left and right to indicate going to the right. Once done making the turn set the switch into the middle position and then push it in,

## 3) Horn

Press this button to honk the Horn

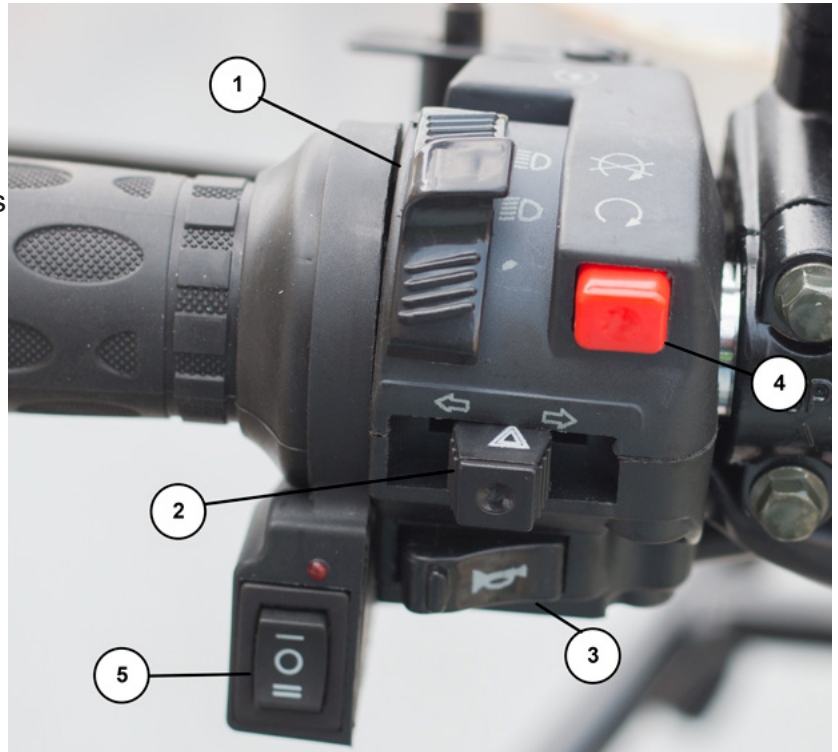
## 4) Forward and Reverse

Push this button in to go in reverse. Push this button a second time to release it and go forward.

\*Please note the unit must make a complete stop before switching directions\*

## 5) Heated hand grips

This switch heats the handgrips. Set this to 1 to turn the hand grips on low. Set this to 2 to turn the hand grips on high and set this to 0 to turn it off.



## ***Display***

The display on the Beast ATV deluxe will show your speed as well as your odometer and trip meter.

There are two buttons on the display.

Left Button - Toggles between Odometer and Trip Meter

Right Button - Turns on LED back light to either Blue, Orange, or Off.



## ***Ball Joint***

The display on the Beast ATV deluxe also comes with a ball joint that allows you to tow up to 2000 lbs behind the unit.



## ***Trunk***

The Beast ATV deluxe also comes with a trunk that adds extra storage. Simply lift the two latches to unlock it and open it.

This trunk connects to your brake light and shines when you brake.



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## Winch (Optional)

The Beast ATV comes with a winch that allows you to tow things, or in case you have the plow add on, it allows you to raise and lower the snow plow.

On the right handlebar of the unit you will see a red switch with three positions on it.

Push the triangle pointing forward to release tension from the winch to allow for more cable to be released

Push the middle circle to be neutral

Push the triangle pointing backward to pull in the cable and create tension.



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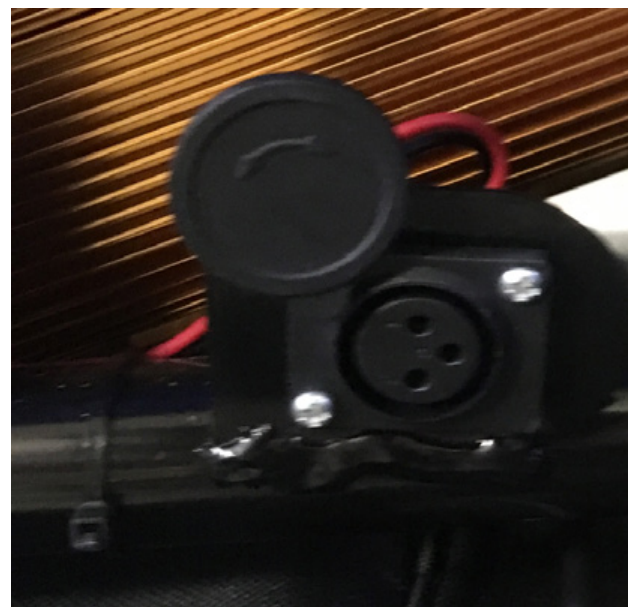
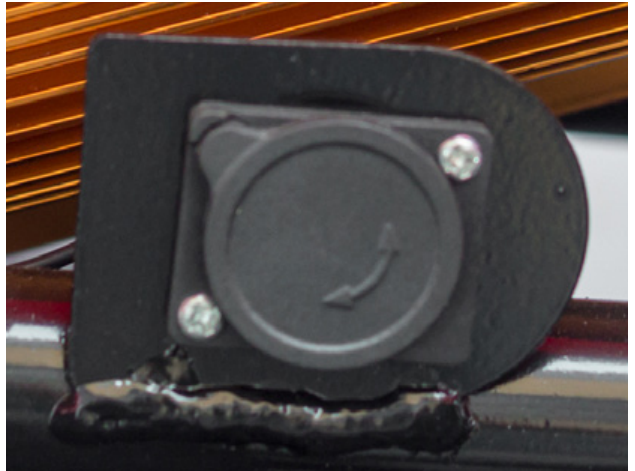
# Maintenance

## Charging the Unit

On the side of the Beast ATV, you will find a charging port as seen on the right. This cover can be slid either direction to reveal the charging port. Plug the charger into this slot.

The charger light will glow orange while it is charging. Once it is finished charging the charger will turn green. Unplug the charger as soon as possible once complete and you are ready to ride.

Please do not over charge the battery as it may lead to a lower lifespan and possible damage to the ATV, including fire or even explosion



## **Service**

It is recommended that you bring your unit for service at least once a year to have it checked up to make sure it is functioning as intended.

- Check to make sure the brakes are working properly
- Ensure all bolts are secure
- Check the life of the output of the battery pack
- Make sure tires are sufficiently pumped.
- Ensure all electrical connections are secure

It is recommended that it is brought into an authorized Daymak dealer, however a local mechanic shop that has experience with ATVs may be able to offer the same service.

## **Troubleshooting**

If you have issues with your Beast ATV, try these steps before considering bringing it in for service.

- 1) Check to make batteries are fully charged.
- 2) Make sure the key is in the ignition and set to on
- 3) Make sure to release the brake lock once properly situated on the unit.
- 4) Check to make sure at least one of the motor switches is set to the on position.
- 5) If you are having problems connecting to your smartphone, make sure that the Bluetooth feature is set to on and that the battery on the tablet is charged.
- 6) If the charger light doesn't turn red when plugged into the port, make sure that it is pushed completely in.





# Specifications

**Battery:** 60V 50AH Battery Pack

**Front Motor:** 1000W

**Rear Motor:** 1000W

**Controller:** 2 x Daymak Drive Turbo Bluetooth Controllers

**Tire Size Front:** 23 x 7-10

**Tire Size Rear:** 22 x 10 - 10

**Battery Life Cycles:** 300 Cycles

**Range:** Up to 80 km

**Off Road Speed:** Up to 50 km/hr

**Reverse Switch:** Yes

**Charger:** 60V2.5Ah

**Charging Time:** 8 - 10

**Degrees of Incline:** 25 Degrees

**Dimensions:** 71 " x 49" x 53"

**Weight:** 120 kg

**Max load:** 350 lbs

**Brakes:** Disc Brakes

**Suspension:** Gas Dual Front / Gas Single Rear

**Seat Height:** 36"





# Warranty info

Your warranty for your Ultra Beast covers the frame and motor for 2 years, and parts as stipulated by your dealer.

## **Your Warranty Does Not Cover:**

- Any damage resulting from negligence of the periodic maintenance.
- Any damage which results from repair, adjustment or maintenance operations by any methods other than those specified by Daymak Inc.
- Any damage which results from driving due to race, rally, or operation of the vehicle in a location that is not used for normal operational driving of such a vehicle.
- Any damage which results from use beyond the limitations specified in the Daymak Inc. Operations Manual such as overloading the vehicle, or any damage from the use under abnormal conditions (abuse of vehicle).
- Any damage caused when the product is used as a rental vehicle.
- Any damage which results from use of non-genuine parts or accessories (aftermarket/other dealer's add-on/replacement parts).
- Any damage due to improper storage or transport of vehicle or batteries.
- Any damage which may results from repair, adjustment or maintenance operations performed by any person other than Daymak distributor (or the Daymak authorized Dealer).
- Any damage which results from modifications of the product.
- Any damage that results from the passage of time (natural fading of painted surfaces, plated surfaces, sheet peeling, and other deterioration).
- Regular wear and tear items. Daymak will not warranty parts worn due to natural wear and tear (including, but not limited to, light bulbs, tubes, tires, worn brakes, cables, fuses, etc.).
- Any damage which results from unavoidable disasters (natural or otherwise) and/or secondary damages based on any of these occurrences (fire, flood, wind damage, snow, collision, theft, etc.).
- Incidental or additional expenses incurred for making the warranty repair at the location of purchase, such as towing, pick up and deliveries, as well as any losses during maintenance period, such as loss of time, loss of business and/or rental car expenses.
- Scheduled maintenance and inspections fees.



***Thank you for choosing Daymak***

