

BOOMERBEAST 2.0

STANDARD / DELUXE / D

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 scooters, go-karts and electric golf carts to alternative transportation solutions such as e-scooters and gas scooters.

Our electric scooters represent an energy-efficient and eco-friendly alternative for people who need to get around the city. They greatly increase the practicality of scooter transportation in urban centres. Costing only a few cents to charge, an e-scooter can make city life more convenient and much less expensive.

While there are many new Green technologies that are still in their infancy, electric scooters have been developing over the last 40 years or more. E-scooter technology has been dramatically refined since the introduction of the first custom-conversion scooters. Today, electric scooters 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.



Safety

When operating the Boomerbeast please make sure you adhere to the following:

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 at excessive speeds.

Do not completely submerge the unit in water



Scooter Part Diagrams

Diagram 1: The Boomerbeast Electric Scooter



- | | | |
|-----------------|-------------------|--------------|
| 1. Mirrors | 8. Charging Port | 15. Ignition |
| 2. Brake Handle | 9. Motor | |
| 3. Turn Signals | 10. Seat Adjust | |
| 4. Headlight | 11. Trunk | |
| 5. Shocks | 12. Charging Port | |
| 6. Tires | 13. Seat | |
| 7. Foot Rests | 14. Throttle | |

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Boomerbeast Operation

Turning the Unit On



Below the front display you will find a key hole where you put the keys that have come with your Boomerbeast.

1) Turn the key to this position to turn the unit on. The Key cannot be removed while it is in the on position.

2) Turn the key to this position to turn the unit off.

3) Turn the key to this position to engage the steering lock. For more information on how to engage the steering lock please read below.

Do not turn on the unit until you are properly situated on the unit.

Engaging the Steering Lock

As another added level of protection, the Boomerbeast 2 comes with a steering column lock that prevents the wheel from turning to prevent theft.

To engage the steering lock you must do the following:

Step 1) Turn the handlebars so they are pointing to the left (as if you were sitting on the machine)

Step 2) Put the key into position 2 (see above) and **push down while turning counterclockwise**

Step 3) Once it is in position 3 (see above) remove the key

Reverse this process to disengage the steering lock



Driving the Boomerbeast

Engaging the motor

On the right handlebar is a throttle that must be rotated towards you (bring the back of your hand towards your body) The throttle is very sensitive so be sure to turn it slowly. Make sure that you are on the unit and can easily turn on the brakes (see below).



Braking

The Boomerbeast 2 has a front and rear hydraulic disc braking system that allows you to stop quickly. On either side you will find brake handles like this. On the Boomerbeast the **left brake handle controls the rear brakes** and the **right handle controls the front brakes**. To engage the brake lock see next page.

***PLEASE NOTE* Always use the rear braking first before applying the front brake to avoid injury.**



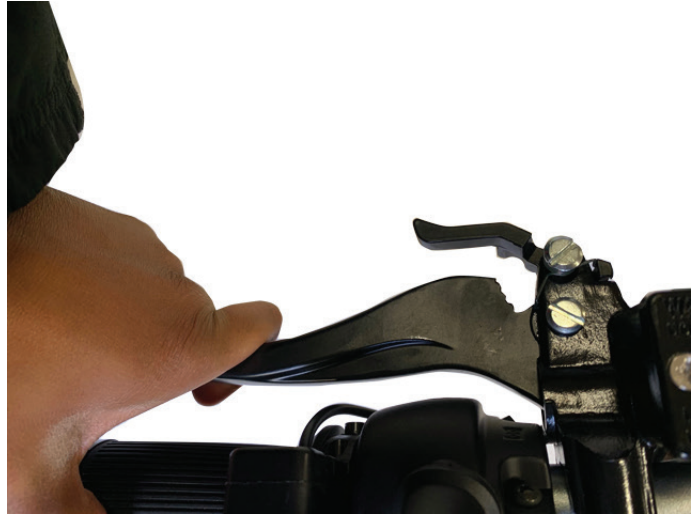
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Engaging the Brake Lock

The Boomerbeast has a brake lock that will prevent it from rolling even when parking the unit on a hill.

To engage the brake lock do the following:

- 1) Pull the brake lever on the left hand side towards you as much as you can.
- 2) Take the latch with your other hand or other finger and pull it into the grooves of the brake lever.
- 3) Release brake lever and make sure the brakes are stuck in a pressed position.



To disengage the brake lock, just pull the brake lever towards you slightly more and the brake lock latch will pop out. Release the brake lever and you are ready to go!

Boomerbeast Operation (cont'd)

Turning on your unit

Handlebars, on each unit you will find a few buttons and switches. Here is what everything does.



Left Handle Bar

1) High Beam / Low Beam - Toggle this switch to choose between a low or high angle of the headlights. (The headlight must be on for this to have an effect)

2) Turn Signals - Push this to the left to indicate turning to the left and into the middle once your done. Push this to the right if you are turning to the right.

3) Reverse switch - Press and hold this while engaging the throttle to go in reverse.

***PLEASE NOTE* Always be aware of your surroundings when operating this in reverse and use it at your own discretion**

4) Horn - Push this to honk the horn.

Right Handle Bar

1) Front Brake - Pull this lever to engage the front brake. **(Use the rear brake first located on the left handle bar.)**

2) Throttle - Slowly rotate this towards you to engage the motor.

***PLEASE NOTE* Always be sitting on the unit before turning the throttle.**

3) Horn - Push this to honk the horn.

4) Lights - Push this to the right most position to turn on all lights. Push this to the middle position to have just the rear lights on. Push this to turn off all the lights.

5) 3 Speed Switch - Choose between 1 of 3 speeds. Position 1 will get you the furthest range at the slowest speed. Position 3 will get you there fastest with the shortest range.



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

You can download the app at www.daymak.com/app

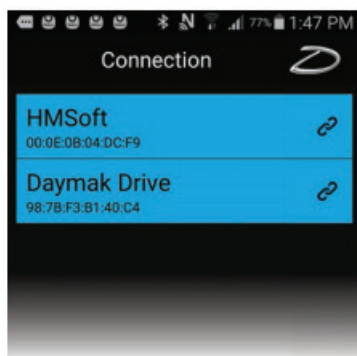
Once the App is open, it will show you a list of the nearby bluetooth devices as well as the Front and rear motor. Connect to the motor. For the first time you connect, it will require you to input a password: **12345678**.

***Please note* To connect to the unit the Boomerbeast must be set to the ON position (see Turning on your unit)**

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

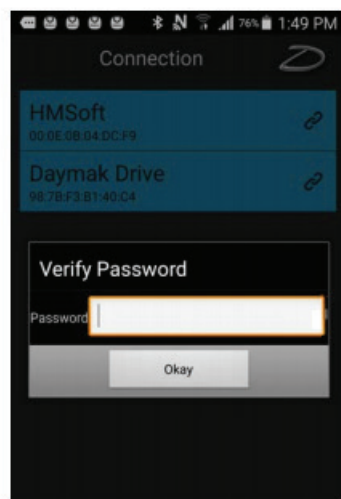
For more information on the Daymak Drive App, please refer to the quick guide seen here:

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



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

Most settings do not need to be tampered with, and should not be changed before consulting the Bluetooth manual.



Boomerbeast Operation (cont'd)

You will find above the ignition a display that will show you your metrics and performance for your Boomerbeast.

Display

1) Speed - This display shows you how fast you are going in km/h

2) Motor Power - This meter shows how much power is being drawn from the motor. The more power being drawn the faster the your battery will drain.

3) Odometer - This shows how many kilometers you have travelled on this unit.

4) Battery Meter - This shows how much power you have left before you need to charge. Once you start getting below 50% its advisory to get to a charging station.



***PLEASE NOTE* The battery meter will dip down when it starts and then go back up to a steady power level. This is normal.**

Boomerbeast D - Motor Switch

If you have the Boomerbeast D, on the left handlebar you will also find a green switch like the one to the right. This changes it from dual or single motor.

Put this switch up to engage just the rear motor or down to engage both front and rear motors.

***PLEASE NOTE* The battery will draw exponentially faster with both motors running and all range estimates are for single motor use only.**

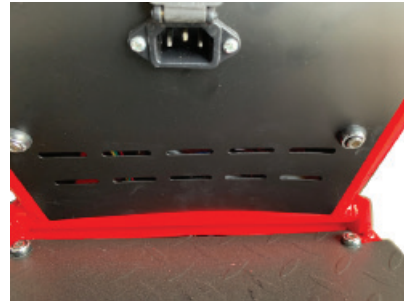
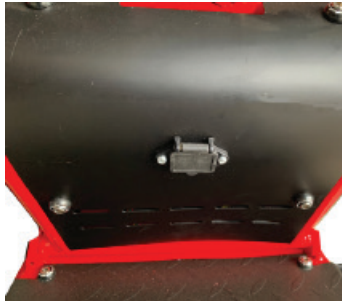


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Charging the unit

After using your Boomerbeast, you will need to charge the unit. The Boomerbeast comes with a charger that you can use to plug into a regular outlet. (The deluxe unit charger looks different slightly but functions the same way).

If you are sitting on the Boomerbeast on underneath the seat between your legs you can find the charging port.



When the charger is plugged in the wall and not into the unit the light will appear green. Then plug the charger into the charging port as seen below. The charger LED will turn red.

After the unit is fully charged the charger will turn green again and you can unplug the unit.

***PLEASE NOTE* Do not leave the charger plugged in for extended periods of time after it is finish as it will ruin the battery life and can possibly become a fire hazard.**



Please note - You can charge the unit at any point of its usage. You do not need to let the unit run fully down before charging it again and does not count as a full cycle of the battery.

Remote / Alarm

The Boomerbeast comes with a remote as well that has multiple functions. Here is what they do.

1) Panic Button - Press this button to set off the alarm. Use this in case of emergencies or to locate your vehicle.

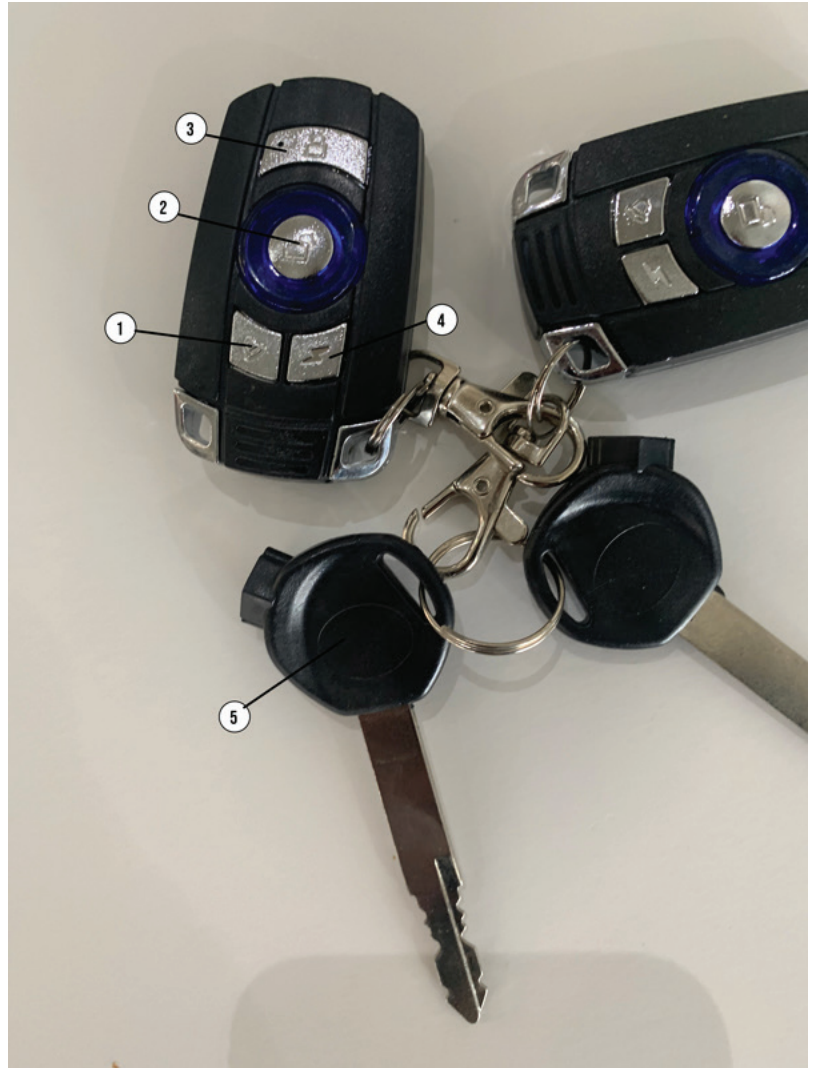
2) Unlock Button - Press this button to disable the alarm. Press this before riding your Boomerbeast.

3) Lock Button - Press this button to arm the alarm. The alarm will not engage until 5 seconds after you arm it. Press this button once you have finished riding it.

4) Remote Start - Press this twice to start the bike without using the keys. Press the remove alarm button (2) to disengage the remote start

5) Ignition Key - Use this to turn on the unit, engage the steering lock

Keys make appear different then seen here



Foot rests

The Boomerbeast comes with extendable foot rests so you can choose your riding style.

Using your feet push the foot rests towards the Boomerbeast and it will pop out.

Reverse this process stick them to the sides of the Boomerbeast.



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The Controller

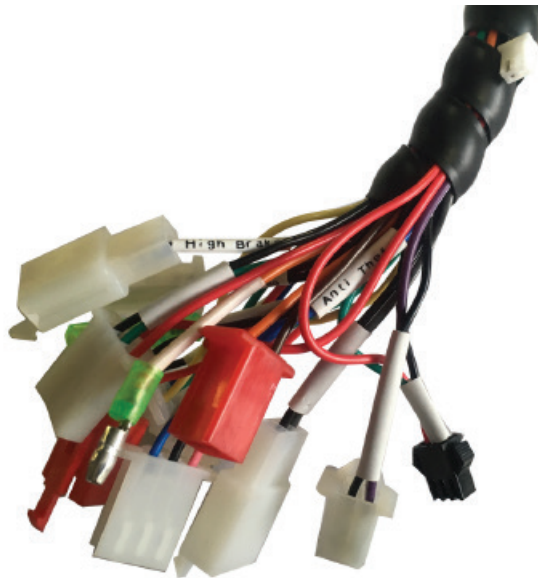
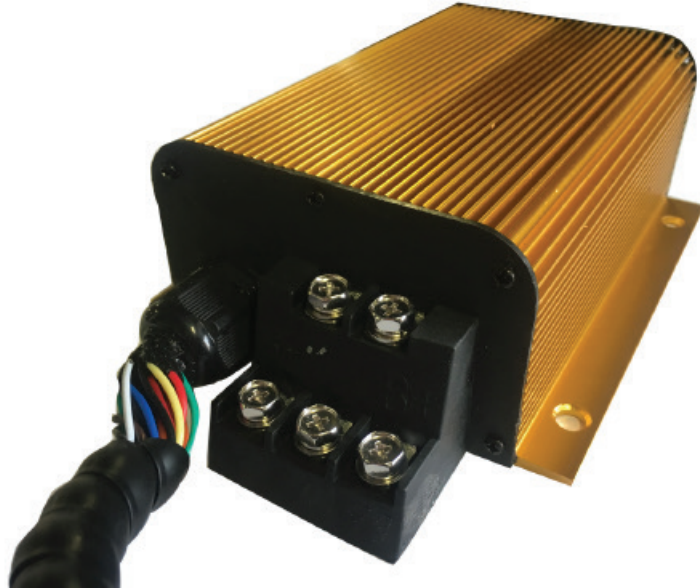
Daymak Drive Bluetooth Controller

The Daymak Drive controller is what makes the unit do what it does when a function is press or a switch is switched.

This controller is located underneath the seat. This should not be tampered with by consumers. If you have any issues with your controller please see a licensed Daymak dealer for support.

Please note on the D models there are two of these controllers.

To access this controller please see the next page.



Accessing the controller / circuit breaker

Behind the seat you will find two bolts that lock the seat rest to the machine. Using an Allen Key, unscrew the two bolts seen below and lift the bar up to access the under seat compartment.

***PLEASE NOTE* This area is not meant to be used for storage.**



Circuit Breaker

To prevent surges that may damage the unit, the Boomerbeast comes with a circuit breaker. This is located underneath the seat just above the controller.

There is a blue switch that in the event of a surge will trigger and turn the whole unit off.

In the event that your unit does not turn on at all (the display does not light at all once the key is in the ignition) it is most likely that the circuit breaker is set to off. Open the seat lock (see previous page for where the lock is located) and switch this switch to on.



On the Boomerbeast D model you will have two circuit breakers. Both must be on to have full power to the unit.



Seat

The Boomerbeast comes with a seat that has movable arm rests that can be moved up and down to get on and off the unit easier



The seat can be slid either forward or backward slightly by holding the lever as shown above and pushing the seat either direction.

Mirrors

The Boomerbeast comes with a set of mirrors that screw on each handlebar. Screw each mirror into the appropriate side (left mirror on left side etc). Until it is loosely in the position you want. Then take a wrench and tighten the bolt at the bottom of the mirrors to make it stick in that position.

Please note mirrors may look slightly different then shown here



Rear Rack

On the back of the Boomerbeast is the carrying rack. Use this to mount a case or store goods however you see fit.



Maintenance

Always ensure that your tire pressure is to the recommended value of your unit. You can find the PSI value on the side of each tire.

Check your brakes before you ride, make sure they are firm and the unit does not move while they are being pulled.

Check that all lights are working, headlights brake lights and signal lights.

When storing it outside, use a cover to prevent weather damage to the unit. If possible bring the whole unit inside. Otherwise if possible bring the battery inside.

Bring in your unit to your local Daymak dealer for a yearly check up if possible.

Do not over charge the battery, once the battery is fully charged unplug it as soon as possible.

Tips and Tricks

Whenever you get off your vehicle put on the brake lock. This will prevent it from rolling away down hill, and will also stop someone from accidentally engaging the motor while off the vehicle.

When engaging the throttle always start slowly to get a feel of how quickly the unit may move.

When braking, use your rear brakes first, and then your front brakes for safest stopping.

An additional lock is advised when leaving it outside for extended periods of time, secure a safe lock to the frame to prevent theft.

Do not randomly change settings you are unfamiliar with on the Bluetooth app as it may cause damage to the unit, consult the manual first before changing settings.

If the display does not turn on at all when you put the key in the ignition check the breaker switch underneath the seat to see if it is set to "ON"

If the machine turns on (display etc.) however the motor does not run, make sure the brake lock is not on. The motor will not engage as long as any brake is being pressed.



Thank you for choosing Daymak

