

Rickshaw King

Manual



 **DAYMAK**

The Daymak logo consists of a stylized, swooping 'D' shape followed by the word "DAYMAK" in a bold, sans-serif font.

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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-efficient and eco-friendly alternative for people who need to get around the city. They greatly increase the practicality of bicycle transportation in urban centres. 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 refined since the introduction of the first 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.



Safety

When operating the Rickshaw King please make sure you adhere to the following:

Always check your mirrors and blind spots when operating the vehicle.

Turn on headlights when in need of additional visibility.

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

Obey all laws of the road.

Periodically charge the unit when not in use for long periods of time

If you bring your charger avoid shaking / rattling charger while riding

Perform the 60 second check before riding.

Do not take a second 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 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 completely submerge the unit in water

Do not operate in harsh weather conditions.

For customer service call 1-800-649-9320



Mobility Scooter Diagram

Diagram 1:

This diagram illustrates the various parts of your mobility scooter. Please note that many of these parts are not user-serviceable and should be repaired only by trained professionals. This is especially true of the electrical systems and the mechanical components.



- A) Mirrors
- B) Windshield
- C) Seat
- D) Basket
- E) Brake Lights
- F) Safety Wheels
- G) Rear Wheels
- H) Front Wheels
- I) Turn Signals
- J) Headlight
- K) Charging Port

Riding Instructions

To start the vehicle

Once you have received the vehicle. Sit on the unit and put the keys in the ignition. The ignition is located on the main dash of the unit below the right handlebar.

To turn on the unit, turn the keys clockwise so the key is pointing at the right position.

To turn off the unit turn it the opposite direction.

Steering lock

To lock the steering to prevent theft, the Rickshaw King comes with a locking mechanism that locks the wheel perpendicular to the unit.

To engage this:

- 1) Turn handlebars so they are facing the left.
- 2) With the key in the off position, push the key in further and turn counterclockwise. Reverse this process to unlock it.

Please note: When engaging the steering lock if you are unable to get it over the stop to get it on the wheel lock position, try moving the handlebars slightly the opposite direction.



Riding Instructions

Driving the vehicle

Make sure that you are properly situated on the unit. Once the vehicle is on (you will see that the dashboard is lit up). Use the throttle on the right hand to rotate towards you.

Pictured to the right is the throttle and the braking mechanism.

Brakes (silver part): Pull that towards you to slow down and disengage the motor

Throttle (gold and black part): Rotate that towards you to drive.

We will now go through all the features



Features

A) High Beam/Low Beam -

Push this in the up position to aim the lights higher, down to aim it lower.

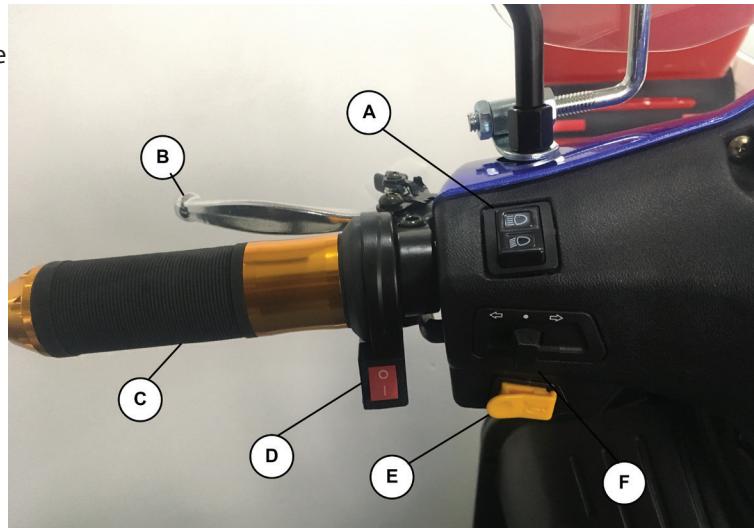
B) Rear Brake Handle -

Pull this towards you to engage the rear brakes. Use this first when stopping before the front brakes.

C) Left handlebar -

Use this to steer the unit.

D) Heated Handgrips - Set this to one to turn on heat to the handles. Set it to 0 to turn it off.



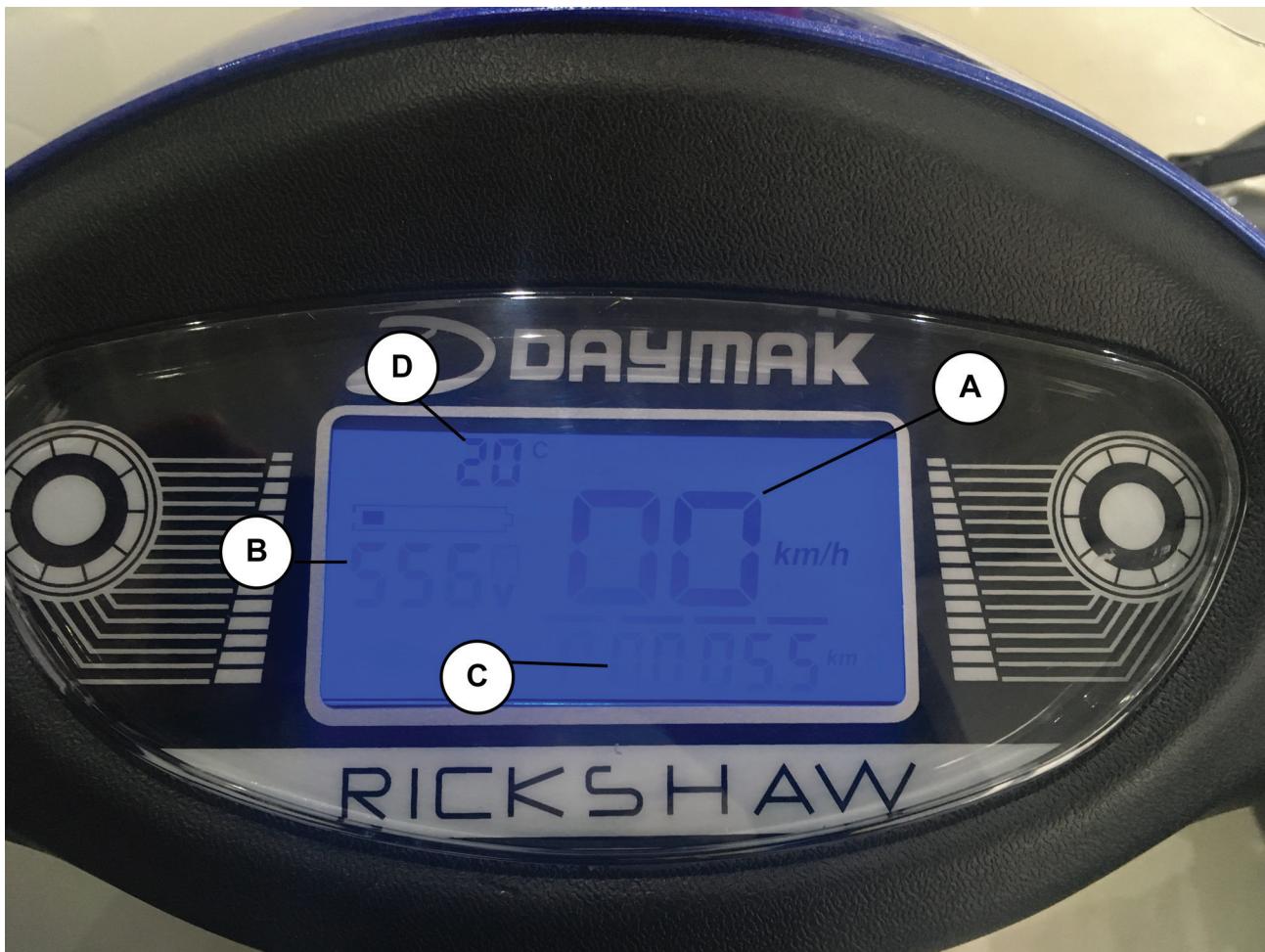
E) Horn - Press this to honk the horn

F) Turn Signals - Push this switch to the left to engage the left turn signal. Set it to the middle and press it in to turn it off. Push it to the right for the right turn signal.

Please note that the turn signals do not turn itself off automatically when you turn it off

Features

The Rickshaw King features a digital LED display to show your speed travel time and more.



- A) Speed - Your current speed that you are travelling in KM/h
 - B) Battery / Voltage reading - Shows how much power you have. 5 Bars means it has a full battery.

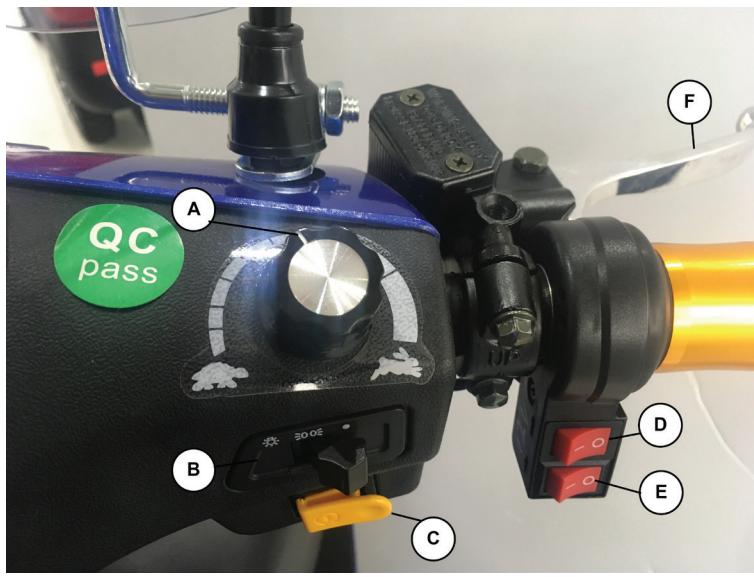
*Please note the Rickshaw King is a 60V battery so a full charge unit should read approximately 68V.

****Please note that the accurate remaining battery reading is what it is showed at cruising speed, not at a stop or during acceleration.**

- C) Odometer - Shows how many Kilometers travelled total
 - D) Thermometer - Shows the temperature outside.

 DAYMAK

Features



A) Speed Setting - This dial will help you set the speed you want to travel at. Turn the white market towards the turtle to go slow and towards the rabbit to go fast.

B) Lights - Set it to the rightmost position for all lights to be off. Middle position for the rear lights to be on. Leftmost position to turn on all lights.

C) Flasher - Press this button to flash the headlights on and off quickly.

D) High Speed / Low Speed - Set the switch to 1 to set it to low speed. 0 to set it to high speed.

E) Forward / Reverse - Set the switch 0 to go forward and 1 to go in reverse.

F) Front Brake - Pull this towards you to engage the front brake.

Radio / Mp3

The Rickshaw King comes with a built in radio and mp3 player so you can listen to your music. The Mp3 player can take either a USB stick or MicroUSB card. Put your songs on to your drive as Mp3's for compatibility.

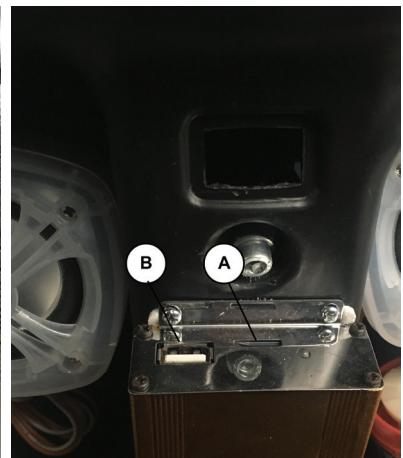
To access the Mp3 player, on the center steering column of the unit unlock the key the compartment with your keys.

A) MicroUSB card Reader

B) USB Stick Reader

Please note to play music on your Rickshaw King you must use the remote.

See remote control for more information.



Remote Control

The Rickshaw King comes with a remote control that allows you to arm and disarm the alarm system as well as change songs that you are listening to.

A) **Alarm / Volume Reset** - Once the unit is turned off press this button to turn on the alarm. Press it again to turn it off. While on press this to turn off the radio and reset volume to low.

Please note that once you turn the alarm on there is a 5 second delay before it is activated

B) **Play / Pause music** - Press this is to turn on the radio / Mp3 player press it a second time to pause / stop the radio / Mp3 player.

C) **Seek Reverse / Last Song / Volume Increase**- Press this button to find a station with a lower frequency or play the last song played on the Mp3 player. Press and hold this button to increase the volume

D) **Seek Forward / Next Song** - Press this button to find a station with a higher frequency or play the next song on the Mp3 player

E) **Source** - Press this button once to switch from Mp3 player or radio



Bluetooth App

The Rickshaw King comes with a Daymak Drive Bluetooth app that allows you to control your speed acceleration and more. Available on the iOS and Google Play Store for both Android and Ios, connect via your smart phone to change the core performance of your vehicle.

To connect to your unit, turn on the Rickshaw King, open the app on your smart phone and click on the Bluetooth device that says Daymak Drive

*Please note for the first time you connect to the unit you will need a password. For this input **12345678**

For more information on the Daymak Drive App, you can check out the following links.

http://www.daymak.com/manuals/DAYMAK_APP_MANUAL_IOS.pdf - IOS

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

Bluetooth Features

Fast Start: Fast start has priority while opening at the same time as soft start. Reduces the time needed to achieve maximum speed. Higher values make your bike accelerate quicker (1-10) Fast start supersedes slow start when it is activated.

Soft Start: Display the star mode and range adjustment of controller while starting. The range is divided into 10 grades. The higher, the slower. Entering the following interface, soft star can be set, turn on or off and turn up or down. The acceleration of your bike will slow down. Higher values make acceleration slower (values 1-10)

Overspeed On/Off: Weak magnetic overdrive grades (10 grades). The higher, the faster. That's to say, speed up to 120%~130%. Low speed ratio, speed of first gear (10%~80%), Matching with low speed switch.

Forward/reverse: Spins the motor positive or negative direction. Only works if the motor supports this.

Manual Cruise: Turn on or off the button of manual cruise. The controller keeps the real-time speed, matching with manual button.

ON/OFF values: Controller keeps the real-time speed when turned on.

Auto Cruise: Turn on the button of Auto Cruise or keep hold of the throttle for 8 seconds, auto cruise begins. If manual cruise turns on, auto cruise will be invalid. When this is on, the rider must hold the throttles position for 8 seconds to allow controller to hold the speed. Auto cruise does not work when Manual is on.

Speed Limit: Adjust the highest speed (30%-60%) of vehicle. Too Low speed limit affects starting torque. Adjust the speed of the motor. You can limit the speed of the motor by 30-60%. Low Values can affect the acceleration speed.

Reverse speed Limit: Adjust the highest speed (10%-100%) of reverse. Much too low speed affects reverse torque. Similar to speed limit. This controls the spin rate of the motor in reverse (10%-100%). Low values will affect acceleration in reverse.

EBS Braking Force: intensity range of electronic braking (10 grades) The higher, The stronger, matching with braking function. Increases the sensitivity of your Electronic braking (1-10 Values) higher values require less pressure on the brake lever.



Bluetooth Features

Battery Current Limit (A): Adjust the max output of battery (50%~100%) Too small output current affects starting torque. Change the max output current of the battery. (50-100%) Smaller values can have an effect on acceleration and torque.

Phase Current Limit (A): Adjust the max phase current of motor (50%~100%) Too small phase current affects starting torque. Adjust the max Phase current of motor (50-100%)

Hall Sensor Phase Angle: Motor hall installation angle (120° or 60°). Phase can't be matched if choose wrong angle.

Eco mode: After starting all current becomes weak. It is suitable for small battery to increase mileage. Preset mode that reduces battery current after starting the bike. This feature increases mileage and is ideal for small batteries.

Adjust Accelerator Curve: Start linear control and nonlinear control shift, increasing controllability of low speed.

Boost: Higher mode output, torque by 20%. Auto Shutoff while controller temp exceeds 80°C. High torque mode. Controller pushes the torque up to 20% or until the motor temperature reaches 80°C.

Low Voltage Cutoff: Adjust cut-off voltage of controllers. When the battery reaches this voltage, controller stops working and protects itself. Adjusting range depends on the controller setting. This feature allows you to set a low voltage setting. If your battery reaches your setting it will shut off.

Motor Lock: Manual start locks the motor mode so that vehicle can't be moved. This mode is kept even more power off until the power on next time, unless shut down by app, being used when the power switch turns on. This feature disables the motor. Can be used for anti-theft measures of act as a kill switch. (On/Off Values)

Restore factory settings: Restore Controller's Original factory setting. Controllers inside parameters will be restored to original factory settings. All adjusting parameters will be substituted with factory settings parameters. Double confirm after clicking and sending directly without clicking send button. Restores the settings back to the original state.



Storage

The Rickshaw King comes with a basket for storage as well as storage compartment under the seat. To access the storage compartment under the seat you must unlock it using the key and lift the seat up.



Seat

The Rickshaw King features an adjustable seat to make sure you are comfortable when you ride.



To pivot the seat forward or back lift the lever pictured above and push the seat the direction you want it to go while holding it.



To slide the seat forward or backward lift this lever pictured above and push the seat the direction you want it to go while holding it.

Charging your unit

On the outside of the unit under seat you will find a charging port.

Please note there will be a little flap that you must lift up before you see the image on the right

To charge the unit take the charger that came with the Rickshaw King and plug it into a wall socket.



Then take the other end of the charger and plug it into the unit.

The charger will turn **RED** while it is charging and **Green** when it is done.

Best practices

Charge as needed, it is not necessary to charge the battery from 0 power.

Plug the charger into the wall first and then the unit

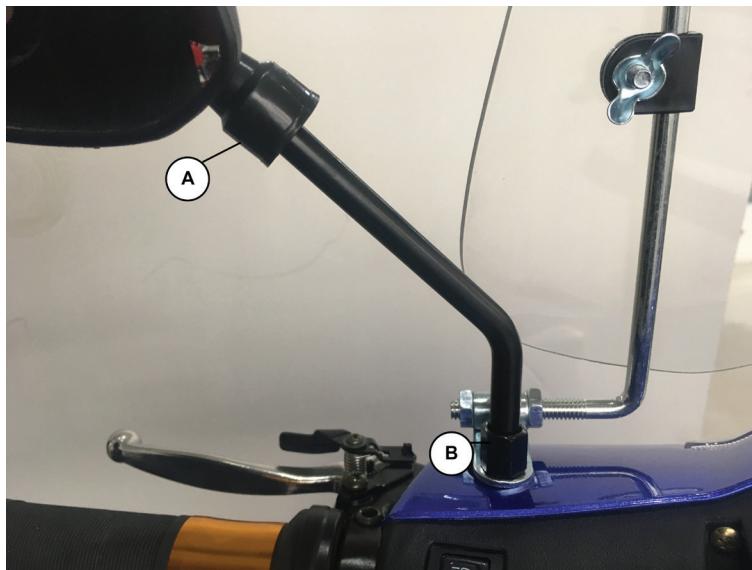
Do not leave the charger charging after it is fully charged. If you see the charge is green unplug it.

It is recommended to get an outlet timer and set it for the recommended charging hours, so that as soon its done charging the timer will cut out the power completely.

Safety and Troubleshooting

Mirrors

If you are having trouble adjusting the mirrors you may need to adjust them at the base. Lift the cover as seen in figure A) up and use a wrench to loosen the bolt at figure B). Reposition it as needed and then screw back in the mirror and retighten the bolt then put the cover back over it.



Kill Switch

If you turn the keys in the ignition and you receive 0 power (nothing lights up) either your battery is completely dead or more likely the kill switch is set to off. Lift up the rear seat (see Storage section for more info) and you will find on the left the kill switch. Flip that switch if it is set to off.



Brake lock

To prevent the Rickshaw King from rolling backwards when the unit is off, you need to put on the brake lock.

To engage the brake lock

- 1) Pull the rear brake (left brake handle) towards you.
- 2) Using your index finger pull the black lever also towards you.
- 3) Line it up the black lever with the raised stop position and then release the rear brake



60 Second check

Check brake levers to make sure they are birth firm

Check tires to make sure it is firm and that all bolts are tight.

Turn on your bike and check your battery to make sure that you can get to where you need to.

Make sure your mirrors are tightly secured and adjusted as needed to see behind you.

Service

For all technical service please contact us at 1-800-649-9320 for help or visit us online at Daymak.com

We recommend that you don't try to fix things yourself and that you should have a trained technician do any service work.



**THANK YOU FOR
CHOOSING DAYMAK**

