



# ESCOOTER IN A BOX

## USER MANUAL

# SAFETY

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

- Always wear a helmet when riding the Scooterinbox.
- Always check your 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.
- **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 any questions or concerns please call  
1-800-649-9320 or visit [www.daymak.com](http://www.daymak.com)**



# 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 electric 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.



# INTRODUCTION

## ELECTRIC SCOOTERS

Using an electric scooter is a great way to ride around town conveniently and economically. Electric scooters represent a natural progression in the development of urban transportation. Using only small amounts of electricity, electric scooters have the potential to radically reduce the amount of pollution in our cities. They are also very quiet, so they do not add to the high levels of noise pollution which we often take for granted. They are easy, and usually free to park. They are unobtrusive and highly practical additions to the urban landscape.

Electric Scooters are also inexpensive. They (currently) require no registration, no insurance, no licence and do not incur parking charges. Compared to internal combustion engines, the engines in electric vehicles have fewer moving parts and require far less maintenance. Your Daymak electric scooter is the result of Daymak's years of experience, the highly trained technical skills of our staff, and careful ongoing design work by our engineers. We hope you enjoy using this product and welcome any feedback that you may have.

## NEW LAWS

Most provinces in Canada, most states in the U.S.A, the United Kingdom and many European countries have new laws that permit cyclists to use electric motors to assist the regular operation of scooters. Please check with your provincial or state government to learn about your local laws.

## LIABILITY

Daymak does not assume any liability for damages, loss of profits, or claims from third parties due to improper use of this product. Daymak does not assume any liability for damages due to problems with the product resulting from service by a third party that is not certified by Daymak.

The information in this guide may be subject to change without notice. For the latest information available, please contact your local Daymak dealer or visit our website. We have taken all possible measures to ensure the accuracy and completeness of the information in this guide. However, if you do find anything missing, incomplete or wrong, do not hesitate to contact us.



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# PART DIAGRAMS

## DIAGRAM 1: ESCOOTERINABOX

This diagram illustrates the various parts of your 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.



- |                       |                        |
|-----------------------|------------------------|
| 1. Display            | 6. Motor               |
| 2. Throttle           | 7. Charge Port         |
| 3. Folding Clip (Top) | 8. Kickstand           |
| 4. Brakes             | 9. Folding Clip (Rear) |
| 5. Folding Latch      |                        |

# RIDING INSTRUCTIONS

This guide assumes that you already know how to ride a standard scooter. Before you try to ride an electric scooter, you should be very familiar with controlling and balancing a normal scooter.

## Caution

If you do not have scooter experience, an electric scooter is too dangerous to ride. Do not begin learning to ride a scooter using an electric scooter.

## IMPORTANT NOTES

- **Electric scooters are Fast!** Electric scooters are capable of traveling at higher speeds than many scooter riders are accustomed to. Use caution at all times, especially when travelling in mixed traffic. Always take into account driving and traveling conditions.
- **Obey the Law.** Be sure to follow all provincial and city traffic laws. This includes obeying stop signs, checking carefully when turning, and riding defensively. An Electric scooter is a motorized vehicle. You must follow the law.
- **Stay Sober.** Never ride your electric scooter while intoxicated. An electric scooter is capable of traveling faster than a normal scooter, and you should always be in control of it.
- **Share the Road.** Be careful in mixed traffic. Let vehicles that are faster than you
- **Overtake you and give ample room for vehicles travelling slower.**



## ITEMS TO CARRY WITH THE ELECTRIC SCOOTER

It is a good idea to carry the following items with you at all times when you ride your electric scooter.

- A lock, to secure your scooter when you park it.
- A helmet, as required by safety laws.

## INSPECTING YOUR ELECTRIC SCOOTER

Always inspect your scooter before you ride it, to make sure its safety features are operating properly. Many accidents can be avoided with routine inspections. Once you are comfortable with your scooter, you will be able to detect small changes in the way it feels. If anything changes between uses, make sure to have it properly examined. Also, be sure to listen for changes in the sounds your scooter makes over time. Any mechanical or power issues may have effects on the sounds the scooter makes.

## HOLDING THE HANDLEBARS

As with a normal scooter, place your fingers over the brake levers, using the palms of your hand and your thumbs to wrap around and under the handlegrips. Doing this allows you to activate the brakes easily, by squeezing your hand, in case you have to stop quickly. This is the safe way to control your electric scooter.

## TURNING YOUR ELECTRIC SCOOTER ON AND OFF

To turn on your electric scooter, press and hold the power button. When your scooter is activated, the power indicator will light and the battery charge indicator will jump, showing you how much power your scooter has. To turn off the scooter, simply press and hold the power button again.



## Warning

When you activate the scooter, the electrical system becomes live. Do not try to affect changes to the scooter (such as repairing electrical components) while the scooter is activated. Turn the scooter off before you attempt to access any of the electrical components. Also, the battery carries a significant electric charge and can injure people if not treated properly and with respect.

## ACCELERATING AND DECELERATING

The throttle is found on the right-side hand grip on the handlebars. Press the push throttle away from you to accelerate. To decelerate, release the throttle. Don't over-push the accelerator, as this could damage the battery and electrical components.

## Warning

Do not activate the accelerator until you are situated on the scooter and are ready to accelerate. The scooter can easily escape from your control, possibly injuring you or others, and the scooter may be damaged by being dropped.

## STOPPING

Your scooter has brakes at the rear. The lever attached to the handlebars, on the left, activates the brakes. Pull the levers toward you to activate the brakes.

When the brakes are activated, the power to the engine is automatically turned off, until you release the brakes. This allows you to stop safely.

## SAFETY TIPS

- When you are traveling in wet weather, water may cause your brakes to function less efficiently because it reduces friction between the brake pads and the wheels.
- Take care to slow down and give yourself more room to stop or slow if necessary.
- It is a good idea to have your brakes and brake pads checked regularly. The brake pads will eventually wear down through friction, and after significant use will have to be replaced.



## SIGNALLING

### THE BELL

The scooter has a bell. The bell is on the left handlebar. Simply press flick the ringer to ring it.

### LIGHTS

The headlight and tail light are useful features when you are riding at night or in dark areas. They radically improve your safety in mixed traffic. The lights on your scooter consume some electricity. Keeping them on may reduce the maximum distance you can travel on one charge by about 5 %.

## RIDING IN WET WEATHER

Your scooter is designed to function in wet conditions, such as when it is raining. However, because the motor is on the rear wheel, it is easy to slip when moving at high speeds. If it is very wet, be sure to avoid high speeds. When you are traveling in wet weather, water may cause your brakes to function less effectively because it reduces friction between the brake pads and the wheels. Take care to slow down and give yourself more room to stop or slow if necessary.

### THE MOTOR AND WATER

Your scooter is not designed to be immersed in water. Always ensure that the water level does not go above the middle of the tire, to prevent water from getting inside the motor. Water in the motor can cause short-circuits and may damage the electrical systems in your scooter.



## RIDING IN COLD WEATHER

Your scooter is designed to operate year-round. However, in very cold conditions or when there is a lot of snow or slush on the ground, it is possible for the motor in the scooter to get wet or for the brakes to function less effectively, just as it can happen in wet weather. Below 10 degrees Celsius, the battery will not work as well as it would in warmer temperatures. While Lithium-Ion batteries perform better than Lead-Acid batteries in temperature extremes, both will experience reduced performance in cold temperatures.

Also, riding the scooter in cold temperatures may require you to replace the battery sooner rather than later.

## MAXIMUM LOAD

Do not exceed the maximum load capabilities of your scooter. You can find the exact loading capacity listed in the technical specifications in this guide.

If you exceed the maximum load, the performance of the scooter will suffer.

Exceeding the maximum load of your scooter could cause damage to the shocks, to the mechanism and, ultimately, even to the frame. It could also cause your motor to work too aggressively, and may cause it to burn out.

## LONG-TERM STORAGE OF YOUR E-SCOOTER

If you are storing your scooter for a long period, disconnect the circuit breaker. This is a safer way to store the electric scooter, as it prevents accidental activation of the e-scooter and makes it impossible to activate it even with the key.

Please see the section titled “The Battery” for instructions on battery maintenance while your scooter is being stored.



# THE BATTERY

This section details what you need to know about the battery that powers your scooter. Always remember to treat your scooter electrical systems with respect.

## BATTERY POWER

The dashboard has a battery charge indicator. When the scooter is activated, the gauge will jump and indicate the currently available battery power. If the power has dropped significantly, you should charge your scooter.

## DISTANCE AND POWER

Your battery has the capacity to carry you anywhere from 20+ km before it must be recharged. The ability of your battery to power your scooter depends on many variables. These variables include the weight of the rider, the prevailing wind resistance, the rider's driving habits, the presence of steep hills and inclines, and other issues such as proper air pressure in the tires.

## SAVING POWER

If you are traveling long distances, you can save a lot of electricity by using better driving habits:

- **Coasting:** When going downhill or over long, flat road surfaces, try using your e-scooter's momentum and allow it to coast, without drawing power from the motor.
- **Stopping and Starting:** Try to avoid stop and go movements. The motor draws more power when starting from a full stop.
- **Weight:** Remove unnecessary weight from the scooter. This reduces the amount of power the motor must draw.
- **Air Pressure:** Make sure your tires have the proper air pressure. Proper pressure reduces drag on the tires and radically increases the efficiency of any vehicle.
- **Head and Tail Lights:** Turn off the lights to conserve power, if it is safe to do so. The lights will reduce the distance you can travel by about 5%.



# CHARGING YOUR ESCOOTER

Charging your scooter is a simple process. You require the following:

- The charger that came with your scooter.
- A 110V household electrical outlet.

## Charger Warning

Only use the chargers that were supplied with your e-scooter. Using chargers that do not have specifications identical to those which came with the e-scooter could irreparably damage your e-scooter's battery and electrical systems, and may cause injury.

To charge your e-scooter, follow these steps:

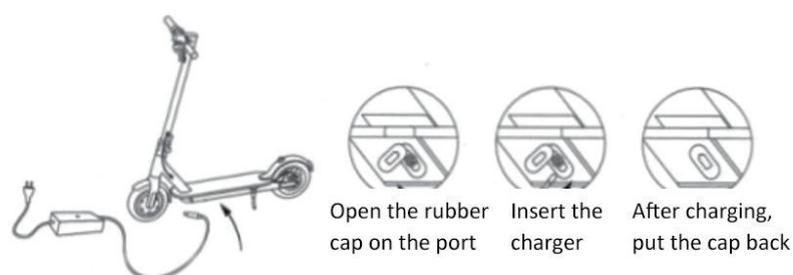
1. Turn off the e-scooter.
2. Plug the female end of the charger cable into the charging slot on the scooter.
3. Plug the male end of the charger power cable into your wall socket. This should be a 110v household electricity supply. You can also use a portable generator, if necessary, but make sure it provides 110V current.
4. Allow the scooter's battery to charge for the appropriate amount of time .
5. Disconnect the charger when the LED light on the charger is green. The batteries have been fully charged.

If your charger's LED status light does not change from red to green over an extended period of time, for perhaps more than 12 hours, and the battery is very hot, the battery or charger may need replacing. Stop charging and bring both to your Daymak dealer immediately. Do not charge the battery.



# CHARGING THE ESCOOTER IN A BOX

Follow these instructions to charge the Scooter in the box.



Once the scooter is charging the charger will glow red. When the unit is fully charged the charger will glow green and then your scooter is ready to go.

## Warning

Do not leave the Scooterinabox charging for long periods of time after it is fully charged. Once the scooter is charged unplug it ASAP.

# ASSEMBLING THE ESCOOTER IN A BOX

## PACKING LIST

			
Scooter x1	Screw x4	Allen key x2	Charger x1

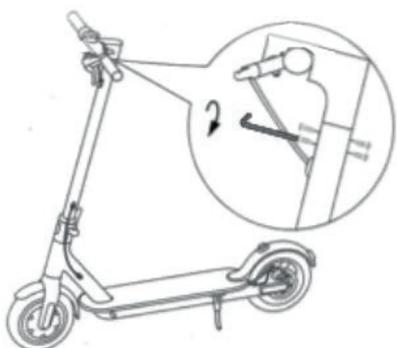
1. Unfold the scooter and put down the kickstand, then lock the folding mechanism.



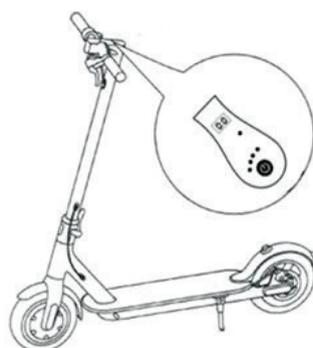
2. Install the handlebars with the pipe.



3. Use the Allen wrench to tighten the screws on both sides.



4. After the installation, switch the power on to test the functions.



## BATTERY CARE

Follow these suggestions to maintain your battery's optimal performance. If you do not follow these suggestions, your battery may lose its ability to maintain a charge and might have to be replaced sooner than would otherwise be necessary.

- **Charge it:** Charge your battery immediately after riding it.
- **Full Charge:** Do not allow the battery to run down completely and lie in storage without a charge. This significantly reduces the battery's lifespan and may cause damage.
- **Keep it Charged:** When being stored, charge the battery occasionally to make sure its power supply does not run down. Charging it once every 21 days should be sufficient.
- **Storage Conditions:** Store the battery on a flat, cool, dry surface. Do not allow the battery temperature to drop below 10 degrees Celsius for extended periods of time.

## COLD WEATHER AND YOUR BATTERY

Below 10 degrees Celsius, the battery will not work as well as it would in warmer temperatures. While Lithium-Ion batteries perform better than Lead-Acid batteries in temperature extremes, both will experience reduced performance in cold temperatures.

Also, repeatedly riding the scooter in cold temperatures may cause your battery to have to be replaced sooner.

## REPLACEMENT AND DISPOSAL

After approximately 300 charges, a lead-acid battery will need to be replaced. A lithium-ion battery will last approximately 1000 charges. When the battery has to be replaced, you will notice that your battery cannot carry as much of a charge as it could initially.

Contact your local Daymak dealer to purchase a new battery.

When replacing your battery, dispose of it at a proper municipal battery recycling facility. If none is available, please contact your local Daymak dealer.



# OPERATION

## DISPLAY / HANDLEBAR

1. Bell - Flick this little lever to ring the bell

2. Brakes - Pull this lever towards you to engage the brakes. This must be released before engaging the motor again.

3. Speedometer - Shows you the speed you are travelling at.

4. Throttle - Press this down to engage the motor. You must kick off manually before the throttle can be engage

5. Gear - This shows what speed the scooter is in. The first gear gives the longest range, the last gear gives the fastest speed

6. Battery meter - Shows how much power your scooter has, each bar represents 20%.

7. Power button / Lights / Gear Shift - Press and hold this button to turn on and off the scooter. Press quickly to turn on and off the headlights. Double press this to change gears.

8. Headlight Indicator - Shows whether the headlight is on / off

9. Folding Clip (Top) - Use this to clip onto the Folding Clip (Rear) so that you can hold it all together. More information on folding on the next page.



## BLUETOOTH TORCH / FLASHLIGHT

This unit comes with a Bluetooth torch / flashlight that connects wirelessly to your smart phone to play music, answer phone calls, charge your phone, and play the radio.

- 1) Press this to turn on / off the flashlight
- 2) Press this to change to the next song / station. Press and hold this to increase the volume
- 3) Press this to change to the previous song / station. Press and hold this to decrease the volume.
- 4) Press and hold to turn this off / on. Press it once to answer / hang up on phone calls when a call is coming in. Press this once regularly to switch between bluetooth and radio.

**\*\* NOTE \*\*** To connect to the torch via bluetooth you must open the bluetooth settings through your smart phone and connect to "BT SPEAKER"



To charge the torch pull at the silver portion of the torch and you will find a USB port. Plug the charger that comes with the Torch directly into here and the other end into a PC or USB charging brick.

You can also use this charging port to charge your own personal device!

# FOLDING THE ESCOOTERINABOX

The Escooterinabox is fully foldable and comes with a easy folding latch that connects the top of the handlebar to the rear wheel making it easy to carry! To fold the unit do the following



Take the handlebar latch guard and push it to the side.



Pull the latch down and then take line up the top folding clip to the rear folding clip until it snaps into place.



To unfold it press down on the top folding clip and then lift the handlebar up. Then complete the tasks above in reverse until the unit is secure.



# MAINTENANCE AND TROUBLESHOOTING

This section outlines problems you may have and solutions you may be able to use.

Many of the parts in this product are not user-serviceable and should be repaired by trained professionals. This is especially true of the electrical systems and the mechanical components. Alteration of these components voids the warranty.

## TIRE PRESSURE

Maintain the air pressure in your tires at the appropriate level. If the air pressure is too low, your scooter's performance will suffer and it will become damaged more easily.

Cold weather and lower temperatures will cause the air pressure in your tires to drop, and warmer weather will cause it to increase, even if there are no leaks in the tire tube. To replace the air in your tires, follow this procedure:

1. Identify the required pressure by examining the text along the side of the tire rim. This text should indicate the recommended pressure for your tire.
2. Locate the air valve on the inner surface of the tire rim.
3. Remove the valve cap and place in a secure location.
4. Place the nozzle end of an air pump (hand-power or mechanical) over the valve.
5. Pump up the air in the tire, being careful not to let the pressure go above the level prescribed on the side of the tire wall.
6. Remove the pump nozzle from the air valve without allowing much air to escape from the tire.
7. Replace the valve cap on the air valve.

Maintaining the proper air pressure will allow you to travel much further on a single charge, because the motor will not have to work as hard to move the scooter.



## REPLACING FLAT TIRES

Replacing flat tire tubes is a more complicated and labour-intensive process with scooters than it is with regular scooters. It requires proper tools, more skill and more patience. The front wheel is easier to service when changing a flat tire than the rear wheel, as the rear wheel is connected to the hub motor and other mechanical parts.

Unless you are very familiar with the mechanical components of the rear motor, attempting to change a flat rear tire may cause serious problems. Please contact your Daymak dealer for specific instructions on how to remove your wheel and tires safely, and how to replace the tubes. It may be easier – and safer - to have the tubes replaced by your Daymak dealer.

## THE MOTOR

Do not service the motor yourself. Bring the scooter to your Daymak dealer for service. The motor in your scooter is a highly complex and fine-tuned mechanism. Repairing it requires significant expertise. **We suggest maintenance every 100 running hours or so.**

## BRINGING IN YOUR ESCOOTER FOR SERVICE

Do not attempt to service the electronic or mechanical parts of your scooter unless you are absolutely sure of what you are doing and have a solid understanding of electrical and mechanical equipment. If your scooter is not performing properly, bring the scooter to your local Daymak dealer.

## Liability

Daymak will not be held responsible for damage or injuries resulting from errors resulting from improperly serviced parts.



# ESCOOTER MAINTENANCE

## CLEANING

Cleaning is extremely important this will ensure your scooter will serve you for a long time. In the long run, it will save you money and a lot of time waiting for the scooter to be repaired. You should clean your scooter weekly.

Do not use aggressive power jets or water sprays when washing the scooter and keep water off the battery as much as you can. Clean gently but thoroughly and make sure that all the outer casing of the electric parts are dry and clean.

Remove any dirt, debris, sand, mud, grit, grime that got caught on the scooter and dry it off.

While cleaning, it is a good opportunity to look closely for a worn, loose, cracked, rust, teared or damaged parts. Buckled paint can also be a hint for some parts that need closer inspection.

## LUBRICATING

It is also recommended to levers, derailleur, cables, etc. A clean, lubricated scooter tends to be faster, smoother and quieter. It's like having a little extra push for free.

Apply the lubricant to the different parts and let it sit a few minutes and then wipe off the excess lubricant with a rag. After a while, clean the different parts with a degreaser to remove any excess dirt that has been collected.

## WEATHER

Don't leave the scooter out in the rain or snow.

Store it somewhere dry and out of direct sunlight. Overheating the batteries, for example, can cause problems.

Do not open up casings, chargers, etc as you are unlikely to be able to reseal them effectively afterward, making them more susceptible to water damage and other extreme weather conditions.

Batteries should be removed from the scooter if not used and charged once a month regardless of usage.



## SCHEDULE

The frequency of maintenance depends on how much you ride and under which conditions. Recreational riders needs far less maintenance then off-road riders. The harder you ride, the more you have to take care of your scooter if you want it to last. There are various time intervals for proper maintenance. Quick maintenance should be done before & after every ride.

Time after Purchase	Action Suggested
Everytime before you ride (The 60 Second Check)	Check tire pressure, check brakes that they work, check lights, check bolts (make sure everything is tight), check battery gauge. Do not ride the unit unless everything is functional and proper
30 Days (every month)	Completely clean the unit, including the dust on the motor and under the seat. Check for any abnormal wear and tear or alignment problems.
90 Days (every 3 months)	Inspect frame and fork for paint crack or bulgest that may indicate frame or part damage; pay particular attention to all frame joints. Check wear and tear on tires. Check range of battery.
180 Days	Inspect all components on the unit. Check that connections are nice and tight. Look inside where your controller is and clean in detail. Check that all plugs are clean. Go over every bolt and nut in your unit.
360 Day (every 12 months)	Bring the unit for a complete tune-up. Varying on the unit the shop should complete a battery discharge, tires should be changed depending on wear and tear. All connections should be checked for rust and loosness. All components should be checked including charged, ignition, and gauges.



## SPECIFICATIONS

Name	Escooterinabox
Motor	250W
Voltage	36V
Amp Hour	7.8AH
Watt Hours	281WH
Battery Life	1000 cycles
Battery	Lithium Ion
Removable Battery	Yes
Charger	42V 2.0A
Charge Time	4 - 6 Hours
Lights	LED
Max Load	265 lbs.
Assembled Weight	31 lbs.
Assembled Length	42
Assembled Width	17
Assembled Height	44
Seat Height	N/A
Seat Width	N/A
Seat Length	N/A
Boxed Weight	N/A
Boxed Length	N/A
Boxed Width	N/A
Box Height	N/A
Range	Up to 25 km
Speed	25 km/h
Climbing Incline	20 degrees
Front Wheel	8.5" Honeycomb
Rear Wheel	8.5" Honeycomb
Gauges	Batley Level / Odometer / Speedometer
Ground Clearance	4"
Wheel Base	
Battery Weight	3 lbs.
Rear Brakes	Disc Brakes
Front Brakes	N/A
Ignition	N/A
Front Shocks	N/A
Rear Shocks	N/A
Controller	Standard
Pedal Assist	N/A
Speed Levels	3 Speeds
Throttle	Push Throttle
Cruise Control	No
Display	LED
Frame Size	N/A
Rear / Basket Storage	No
Under Seat Storage	No
Rear / Basket Storage Volume	No
Under Seat / Glove Storage	No
MP3	No
Occupancy	1
Alarm	No
Steering Lock	No
Center Kickstand	No
Foldable	Yes
Folded Dimenison	43" x 17" x 44"

# THANK YOU FOR CHOOSING DAYMAK

