



M O T O R B O A R D S TM



I 500X TranSporterTM User Manual

Get Ready...

Congratulations on the purchase of your new Go Motorboard 1500X TranSporter™. You're in for a great ride. You can Go faster, further, more safely and silently than ever on a motorized scooter. Plus, you can quickly recharge and Go again. **Note: It is highly recommend that the user be well coordinated and be a minimum of 16 years of age.**

Your Go Motorboard 1500X TranSporter™ is unlike any other powered scooter on the market today. **Your 1500X TranSporter™ is not a toy!** It is equipped with the most advanced Drive System available, which is comprised of

TWO electric motors with Speed Control, and Regenerative Braking. This is a new class of high performance Motorboard combining advanced technology, materials, durability, safety features, non-polluting "green" power, and value.

It is extremely important to read this User Manual before operating your Go Motorboard™. This manual includes key information regarding set-up instructions, use, maintenance, and safety procedures that will show you how to obtain maximum performance from your Go Motorboard™.



Contents of your Go Motorboard™ carton.

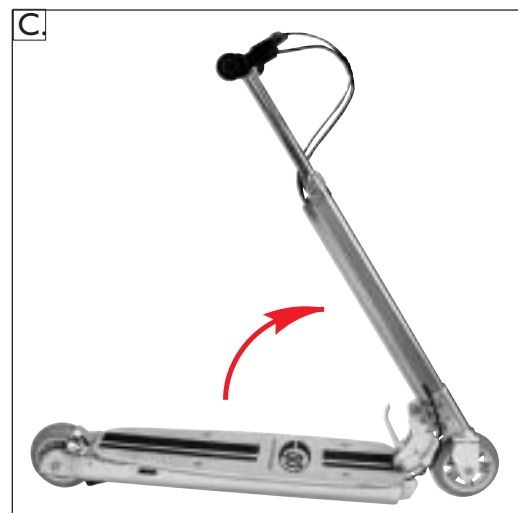
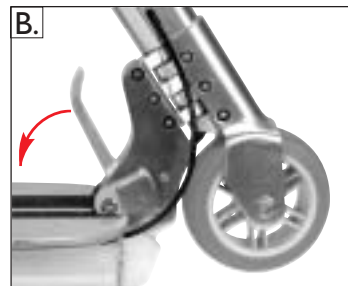
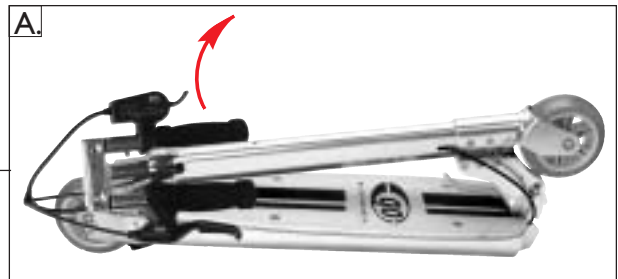
1. Go Motorboard
2. 110v — 220v battery charger
3. User Manual

Get Set...

Please read the following information to properly set-up your Go Motorboard for first time use.

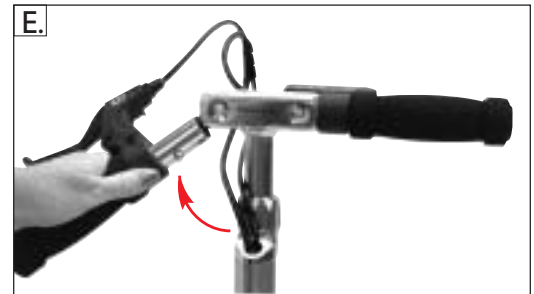
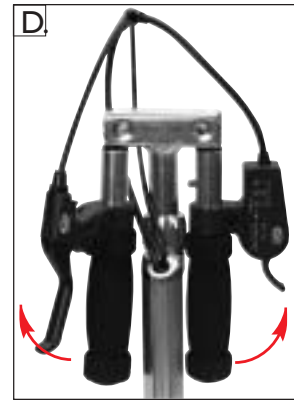
Unfold the Go Motorboard:

1. Remove from the shipping carton and place your folded Go Motorboard™, deckboard side up, on the floor or other solid, even surface. Remove plastic wrapping. (Fig. A)
2. Locate the Folding Lever. (This is a large lever located near the Front Wheel and is adjacent to the Master Hinge at the base of the Steering Column.) With your thumb, firmly **press down** and hold the Folding Lever. (Fig. B)
3. With your other hand, hold the Steering Column and **pull up** until it stops at an approximate 30 degree angle. Your GO Motorboard™ is now in the **Kickstand** position. (Fig. C)



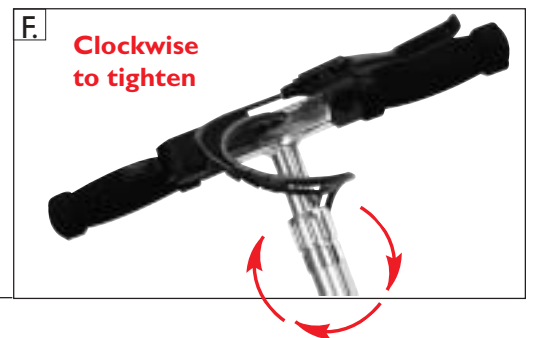
Secure Handlebars:

4. Locate the Foam Grips. (They are hanging from the Handlebar at the top of the Steering Column on elastic cords). Pick up the right hand Foam Grip and insert the metal shaft side into the hole at one end of the handlebar. Rotate the Foam Grip forward/clockwise until you hear a click and the Battery Gauge is in view **facing upward**. (Fig. D)
5. Locate the spring-loaded handlebar button. (This pencil eraser sized button is located on the metal shaft part of the foam grip). Press in the Handlebar Button with your thumb, while sliding the foam grip into place with your other hand. The Handlebar Button will click/lock into place in a small hole in the Handlebar. Repeat the same procedure for the left hand Foam Grip with the Brake. (Fig. E)



Extend Steering Column:

6. Locate the Steering Column Nut. (This is a large, 1 1/2" diameter nut located at the base of the Steering Column). Loosen/turn the Steering Column Nut counter clockwise. Slowly pull the steering column upward until it is fully extended and clicks/locks into place. **IMPORTANT: THE STEERING COLUMN MUST BE FULLY EXTENDED AND LOCKED INTO POSITION FOR SAFE USE.** Re tighten/turn the Steering Column Nut clockwise. It should be tightened very firmly by hand. (Fig. F)
Do not use a wrench or other tool to tighten.



The set-up of your Go Motorboard™ is now complete. Please read the following information prior to using your Go Motorboard for the first time.

Survey the landscape:

- 1) Find a safe, clear, smooth area that is free of pedestrian and vehicular traffic.
- 2) Turn the Power "ON": Though your Go Motorboard™ comes equipped with a charged battery pack, **IT IS HIGHLY RECOMMENDED TO FULLY CHARGE THE BATTERY PRIOR TO EXTENDED USE.** Locate the "ON/OFF" (Power) Switch under the Deckboard, on the right side, and turn the unit "ON." You will see a green light on the Speed Controller. (Fig. G) **IMPORTANT: ALWAYS TURN THE POWER "ON" BEFORE RIDING. NEVER OPERATE THIS VEHICLE WITH THE POWER SWITCH IN THE "OFF" POSITION OR YOU MAY DAMAGE THE ELECTRONICS.** You can operate your Go Motorboard™ alternately as a push scooter and as a motorized Motorboard, as long as the power switch is turned "ON" prior to any use.
- 3) Practice pushing yourself around: From the Kickstand Position, place your Go Motorboard™ into **Riding Position** by pushing the Handlebars forward until the Folding Lever locks into place. Your



ON/OFF Power Switch

Go Motorboard™ is now in **Riding Position**. To return to Kickstand Position, firmly pull back the Folding Lever with one hand while pulling the Foam Grip/Handlebar back with your other hand.

- 4) Practice with your Go Motorboard™ as a **PUSH SCOOTER** until you feel comfortable riding with the speed of the electric motors. Grasp the Foam Grips on the Handlebars with both hands, place one foot on the Deckboard, and push-off a few times with your other foot to move forward. **IMPORTANT: NEVER ATTEMPT TO DRIVE YOUR GO MOTORBOARD™ IN REVERSE. YOU MAY DAMAGE THE ELECTRONICS.**
- 5) Practice Starting the Drive System: Your Go Motorboard™ has a unique power saving, safety feature that ensures that the electric motors do not engage until the vehicle is traveling **in excess of 3 m.p.h.**
- 6) **To Accelerate:** Push scooter your Go Motorboard™ to **3 m.p.h.** and, when you are ready to accelerate, **gently squeeze** the Speed Controller Trigger with your right index finger located above the right hand Foam Grip. Your Go Motorboard™ electric motors are now engaged. Gently continue squeezing the Speed Controller Trigger until you attain the desired speed. You can control speeds within a range of 3 to 15 **m.p.h.** (Fig. H)

Practice riding your Transporter on a flat safe area. Go slowly and practice accelerating, decelerating and braking. Do not go any faster than your skills allow. Remember, most importantly, ALWAYS WEAR AN APPROVED SAFETY HELMET AND OTHER SAFETY GEAR WHEN RIDING YOUR I500X TRANSPORTER.

- 7) Your Go Motorboard™ has a patented Drive System and Speed Controller that allows you to accelerate and decelerate with regenerative braking technology. This feature helps recharge your battery.
- 8) **To Decelerate:** While riding your Go Motorboard™ with the electric motors engaged, release the Speed Controller Trigger slowly and incrementally to slow down using active regenerative braking. With the Speed Controller, you have control of both your rates of acceleration and deceleration. (Fig. I)
IMPORTANT: EACH TIME YOU DECELERATE BY USING THE SPEED CONTROLLER, YOU ACTIVATE THE REGENERATIVE BRAKING SYSTEM AND ACTUALLY RECHARGE YOUR BATTERY. USING THE SPEED CONTROLLER TRIGGER TO BRAKE, WILL NOT RESULT IN A COMPLETE STOP WHICH MUST BE EFFECTUATED WITH THE USE OF THE LEFT HAND BRAKE. This operation may take a little practice so we recommend doing this repeatedly in a safe, controlled area until you are comfortable with this braking procedure.



To Accelerate gently squeeze the Speed Controller.



To Decelerate let go of the Speed Controller.

- 9) **To Brake Mechanically (STOP):** While riding your Go Motorboard™, decelerate by incrementally releasing the Speed Control Trigger. Once you have slowed to 3 M.P.H., squeeze the Mechanical Brake Trigger (located above the left hand Foam Grip) to come to a complete stop. (Fig. J)



Mechanical Hand Brake

- 10) **Coasting:** Remember always ride with your Transporter in the turned “ON” position. **To COAST**, while in motion, release the Speed Controller Trigger **completely**. While coasting, you will gradually lose speed. You can accelerate again at any time by squeezing the Speed Controller Trigger. You can accelerate and coast intermittently at speeds above 3 m.p.h. You may also push-scoot and coast intermittently, speed permitting. Once your speed falls below 3 m.p.h., you must push-scoot up to the 3 m.p.h. speed again in order to engage the electric motors and accelerate again. To brake while coasting, follow normal braking procedures.

NOTE: COASTING DOES NOT ACTIVATE THE MOTOR OR THE REGENERATIVE BRAKING. USE YOUR MECHANICAL “LEFT” BRAKE IN THIS MODE. This operation may take a little practice so we recommend doing this repeatedly in a safe, controlled area until you are comfortable with this procedure.

GO...

Don't GO into or over H₂O:

- 1) **IMPORTANT:** EXPOSURE TO WATER MAY CAUSE SEVERE DAMAGE TO THE REAR TIRE AND/OR DRIVE SYSTEM. IF YOU ACCIDENTALLY DRIVE THROUGH WATER, STOP IMMEDIATELY, DRY YOUR REAR WHEEL, AND INSPECT FOR DAMAGE. Listen for clicking or knocking sounds when riding. Check the rear tire for chewed out notches or ground rubber “grit” similar to the residue you see from a used eraser.
- 2) If the rear tire has been damaged, replace it as soon as possible before riding again.
- 3) Carry a small piece of absorbent cloth to use in case of accidental water exposure.

Use Caution Going Uphill

- 1) Generally, Go Motorboard™ riders weighing up to 200 lbs., can easily climb an approximate 10% gradient. Riders over 200 lbs., or those ascending steeper inclines, can unduly strain the drive system resulting in serious damage. **IMPORTANT: IF YOUR TRANSPORTER CANNOT MAINTAIN A SPEED OF 5 M.P.H. AT FULL THROTTLE ON AN INCLINE, THE INCLINE IS TOO STEEP. IMMEDIATELY RELEASE THE SPEED CONTROLLER TRIGGER FULLY AND KICK SCOOT TO ASCEND. FAILURE TO DO SO MAY RESULT IN SERIOUS DAMAGE.**

How to Fold-Up Your Go Motorboard™:

The I500X Transporter™ is unlike any transportation device on the market today in terms of its light weight (22 lbs.), compact size, and unprecedented portability. With your Go Motorboard™, you can ride to your destination, fold it, and carry or stow it almost anywhere.

Lower Your Steering Column:

- 1) Locate the Steering Column Nut. This is a large 1 1/2" diameter nut located at the base of the Steering Column. Loosen/turn the Steering Column Nut counter-clockwise. (Fig. K)
- 2) Locate the spring-loaded Steering Column Button. This pencil eraser sized button is located on the front of the Go Motorboard™ 5 inches below the Steering Column Nut. Depress the Steering Column Button and, with your other hand, slowly push the Steering Column downward. (Fig. L)

Folding Your Go Motorboard

- 3) Locate the Folding Lever. This is a large lever located near the front wheel and is adjacent to the Master Hinge at the base of the Steering Column. With your thumb, firmly press down and hold the Folding Lever. (Fig. M)
- 4) With your other hand, hold the Steering Column and pull down until it stops. Your Go Motorboard is now in the Folded Position. (Fig. N)

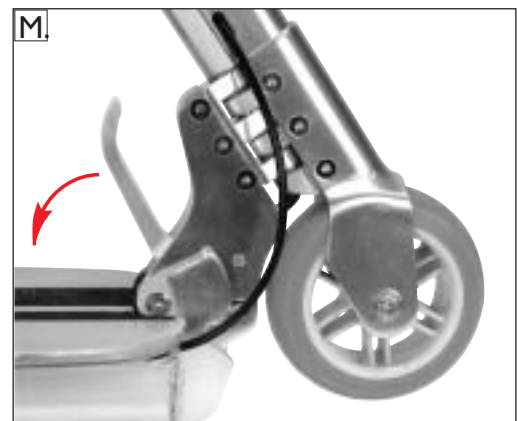
Turn off the power after each use:

Remember to turn your Go Motorboard™ off after each use. Keeping the power "ON" for intermittent use throughout the day does not substantially affect battery life. However, you should turn the power "off" if you do not plan to ride within 12 hours.

Regular Maintenance: Keep it Clean. Keep it Going.

- 1) Your Go Motorboard is **NOT** a toy. It is a serious transportation device that requires regular cleaning and attention to maintain peak performance. **IMPORTANT: WHEN CLEANING YOUR GO MOTORBOARD, DO NOT USE A WATER HOSE, RUNNING WATER, OR WATER UNDER PRESSURE IN DIRECT CONTACT WITH THIS UNIT. ALSO, DO NOT CLEAN WITH COMMERCIAL CLEANSERS. MANY WILL LEAVE A SLIPPERY RESIDUE THAT WILL INHIBIT PERFORMANCE OR DESTROY THE TIRE MATERIAL AND CAUSE PERMANENT DAMAGE.**
- 2) Remove embedded dirt and debris using a soft bristled brush such as an old toothbrush. Pay special attention to pins, hinges, and spaces around the Folding Lever and Front Tire.
- 3) Make a diluted solution of mild laundry detergent and water. (Use one teaspoon laundry detergent to one of gallon of water.) Wipe

Folding Your Go Motorboard:



aluminum, wood parts, and tires with a soft cloth or sponge that has been **slightly** dampened with a diluted solution of mild detergent and water. Tires may also be cleaned with a soft cloth or sponge **slightly** dampened with 70% pure isopropyl alcohol. (Do not flood the tires with alcohol, which can thin the lubricant on the tire's bearings.)

Condition Your Battery.

Every 10 quick charges, be sure to charge for at least 12-24 hours.

Check Your Tires.

Check to make sure that the tires are not too tight or loose. Always check for wear and tear and replace worn-out or damaged tires as soon as possible. Contact either your dealer or go to our website, www.gomotorboard.com to purchase replacement components.

Keepin' It Going...

Keep it Lubricated:

A little oil goes a long way. Clean and lubricate the folding mechanism. Use just a drop or two of 3-in-1™ Oil or 5w-30w synthetic motor oil on a Q-Tip™ to lubricate the spot where the Hinge Pin slides in and out of the locking position on each side of the Steering Head. Also apply just one drop of 3-in-1™ Oil or 5w-30w synthetic motor oil at each pivot point. **It's very important to use just a small amount of oil when lubricating the folding mechanism.** Using excessive oil causes your 1500X TranSporter™ to become overly sticky resulting in trapped dirt and grit. This excess dirt and grit can damage the unit. Also, conventional motor oil gets sticky very quickly compared to synthetic motor oil or 3-in-1™ brand oil.

Clean and lubricate the steering mechanism by applying one drop of 3-in-1™ brand Oil at each part of the Steering Hinge. As with the folding mechanism, any excessive lubricant can attract dirt and grit and damage the steering components.

Removing a tire:

Removing a tire from your Go Motorboard™ Transporter for cleaning, lubrication, or replacement is quick and easy. Use an adjustable wrench to remove the nut from the wheel axle bolt. Once the wheel axle bolt is removed, the tire will be free.

Changing your Deckboard:

Your Go Motorboard™ Transporter has multiple deckboard designs available so you can change the look of your Go Motorboard™ to suit your taste or mood! To remove the deckboard, simply unscrew the deck screws with a sturdy Philips screwdriver. Avoid leaving the battery unprotected for any extended period of time. **DO NOT ATTEMPT TO TAMPER WITH ANY OF THE ELECTRONICS BELOW THE BOARD ONCE REMOVED AS THIS MAY DAMAGE THE UNIT AND VOID YOUR WARRANTY.**



Questions...

How do you keep the battery at peak performance?

Your new Go Motorboard™ has a revolutionary new battery like the ones used in F-16 fighter jets. To get the most out of this new technology, make a habit of “conditioning” your battery. About every 10 times you use your 1500X TranSporter™, leave it on the charger for 12 to 24 hours to bring the battery up to maximum power storage again. This conditioning technique will ensure better long-term use. Your Go Motorboard™ can realize about 5% better battery performance if you charge the battery for more than 10 hours but less than 16 hours every time you use your TranSporter.

What if all three Speed Controller lights (green, yellow and red) are illuminated?

If this occurs, the computerized “Smart System” has detected a hazardous condition. Shut down the throttle immediately to protect your 1500X TranSporter™. This alert may have been caused by water, by a sharp bump during acceleration, or if the rear wheel was not on the ground during acceleration.

What if the GREEN and RED Speed Controller lights are illuminated?

This combination will often light briefly when you start, especially when the battery is fully charged. This is normal and the green light should show by itself in a minute or two. However, if after three minutes you still see the red and green lights simultaneously, and you notice diminished performance, you will need to recharge the battery. Reset your Motorboard to double-check this if you are sure your battery is well charged. (See the last question on this page for resetting instructions.)

What if the red light glows slightly when riding, even when the green indicator light is bright?

This is a harmless sequence that has no effect on performance, range or speed. It is usually noticed at twilight or in low light conditions.

What if the indicator light is flashing red and the drive does not function?

This means your battery is fully discharged. You must recharge the battery. The drive will not function when the battery is discharged and the red light flashes.

How can the indicator lights be reset?

You can reset any light sequence and system shut-down by turning “off” the power switch, waiting five seconds, then switching it “on” again.

What causes low performance?

A common cause of low or slow performance is simply a low-level battery charge. You will notice slightly diminished performance when your battery gets below the medium charge level. At that point, it's time to recharge the battery.

Another cause of poor performance could be that the sidewalls of your rear tire have been compromised either by riding through water or using too much power on a steep hill. In both cases, the drive system will slip and be only about 1/3 as powerful. (See the question and answer below for more information on wheel damage.)

What if I hear a persistent clicking noise coming from the rear wheel?

If you hear a clicking or knocking when riding, check your rear wheel for notches chewed out by the drive spindles and for ground rubber “grit” similar to the residue you see from a used eraser. The clicking noise may also be the result of a cracked wheel due to hard “scrubbing” or cornering with a heavy rider. Care should be taken to prevent a condition leading to wheel breakage. Although two TranSporter wheels can carry the weight of a medium car, it is possible to crack them. **Jumping curbs can cause wheels to crack or fracture.** The wheels may crack near the bearings with repeated abuse.

Traveling with notches or cracks in the sidewalls of your rear tire may damage one or both motors. If this type of damage has occurred, the wheel, bearings, and spacer should be replaced immediately.

What if I have to travel with a damaged rear wheel?

Four tips for emergency travel.

1. Turn “off” the power switch.
2. If the wheel is wet, dry it; especially the sidewalls.
3. If you see the “eraser grit,” use your thumb to rub as much off as you can.
4. Swap the front and rear tires as soon as possible. Using the damaged tire in the front will not reduce the performance. However, you should replace the damaged tire as soon as possible and ride at a reduced, safer, speed.

What causes a poor recharge?

If the battery does not seem to be operating at full performance, it may be caused by a poor recharge. This situation is rare, but is usually the result of a short recharge cycle, and “deep discharging” without the once-every-10-charges “conditioning” charge recommended.

The Go Motorboard™ battery is different. The common practice of fully discharging the battery just to recharge it fully, often called “Deep Discharging”, is not recommended for the TranSporter™ I500X. This practice may damage this battery slightly. For best results, simply leave the battery on the charger for 18-24 hours to achieve a maximum charge. This amount of time should return the battery to at least 90% of its original performance. That level of recharge is substantially higher than any other battery technology currently used. **It is important not to leave your Go Motorboard™ charging continuously for more than 48 hours.**

Leaving the battery charging for more than a week can also cause loss of performance. This overcharging damage is rare and easily discovered by our service department. It is not covered by warranty. A simple remedy is to use the overcharged battery through several cycles. Usually, it will gradually return to acceptable performance levels. Remember to condition your battery with one 12-hour charge after every 10 times you use a quick 2-or 3-hour charge.

Why am I having difficulty folding my Motorboard?

Avoid using extra force to move the folding mechanism. Crunching or grinding resistance is caused by **trapped grit**. This grit can gouge the aluminum parts if you forcefully move the folding mechanism. Thoroughly clean the entire Motorboard and lubricate it before attempting to fold it again.

Go Safely...

Take a few moments to review the following safety precautions designed to keep you safe and sound while riding your Go Motorboard™. Use common sense and courtesy when riding.

WARNINGS...

THIS IS NOT A TOY! The recommended minimum age for use of this Motorboard is 16 years of age.

- The Go Motorboards™ are not intended for use on public streets, roads, or highways.
- We encourage you to check into your local city ordinances, state laws and/or statutes and restrictions regarding use of push electronic Motorboards or scooters.
- ALWAYS wear an approved safety helmet, goggles, protective elbow and kneepads and always wear proper footwear.
- DO NOT ride this Motorboard in the rain or in wet conditions..Wet weather impairs traction, braking and visibility.The risk of accident is dramatically increased in wet conditions.
- Riding after dark or at times of poor visibility is DANGEROUS.
- Avoid roadways, paths or other areas used by motor vehicles.Avoid sandy areas.
- DO NOT stunt ride. Ride in control at all times!
- DO NOT carry passengers or operate with more than one rider operator.
- DO NOT operate this Motorboard in traffic or on wet, frozen, oily or unpaved surfaces.
- Avoid potholes and surface cracks.
- DO NOT jump off curbs.
- DO NOT operate while under the influence of drugs or while intoxicated.
- DO NOT immerse in water as it will damage the Motorboard's electronic components.
- Keep hands, face, feet and hair away from all moving parts.

IMPORTANT SAFETY WARNINGS

- Recycle or dispose of batteries properly & in accordance with local regulations for lead acid batteries.
- Before each use, inspect your Motorboard thoroughly for loose or missing parts.
- DO NOT leave the power switch ON when not in use.
- DO NOT place your Go Motorboard™ near fire or heat as this may cause the battery to explode.
- DO NOT expose the charger or Go Motorboard™ to moisture or water.
- Keep hands, face, feet and hair away from all moving parts.
- Your Motorboard is designed to only start by kicking off first.This is a safety feature.

YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS SCOOTER. TO DETERMINE IF COVERAGE IS PROVIDED,YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT.

NOTE:

- The status of the Go Motorboard™ as a “motor vehicle” is subject to driver’s licensing, insurance and registration requirements which vary from state to state.
- Check with a reliable authority in your state to see if the Go Motorboard™ must be registered as a motor vehicle.Your police department or local department of motor vehicles may be able to answer your questions or direct you to a reliable authority.

The recommended age and minimum weight for the Go Motorboard™ is 16 years or older and between 100 to 250 pounds. This is subject to the physical coordination of the rider, the ability of the rider to wear protective gear and to take responsibility for his/her own actions.

Returning a Damaged Motorboard:

Either contact the dealer you purchased the unit from or go to our website. www.gomotorboards.com and we will advise what to do.

We recommend that you only return your Motorboard to Go Motorboards™ for repair and service.

Features:

- **An industry first** military-grade battery the same technology used on the F-15 and F-16 fighter jets.
- **750 watt high-torque** custom twin motors that produce 1 horse power & weigh an amazing 12 oz. each.
- **“Bullet Proof”** polycarbonate wheel hub; three times stronger than other hubs.
- **Advanced** microprocessor controlled motors. Pulse Width Modulated (PWM) at 100,000 times per second.
- **Three-second folding** and locking mechanism.
- **Tough**, aerospace-grade 6061 T6 aluminum body, heat hardened.
- **Revolutionary** regenerative braking system. The energy from braking actually recharges the battery.
- **“Always on”** free wheeling system. The scooter glides with or without power.
- **Ergonomic** variable-speed throttle, 38" steering column & low deck for efficient Kicking & dismounting.
- **Single stroke-folding** lever with an integrated kneeling kickstand.
- **Silent and silky** gearless drive system is both highly efficient and vibration free. The drive system weighs only 6 grams.
- **Solid brushing hinge** is stronger than the “tricycle class” unit found on most scooters.
- **High-performance** polyester tires. High rebound and durability makes average polyurethane skate wheels look like stoneage relics.
- **Anti-lock** lever-actuated rear brake.
- **Precision steering** for excellent slow and high speed maneuvering.
- **Easy view** color battery gauge.
- **Mechanical Braking** system for quick & secure stops to ZERO MPH.
- ANTI-LOCK BRAKING SYSTEM FOR GRADUAL STOPS DOWN TO 2 MPH.

IT ALSO RECHARGES THE GO MOTORBOARD™ BATTERY.



Warranty:

Go Motorboards,™ LLC., warrants our Motorboard to be free of manufacturing defects for a Limited 90 day period from date of purchase. This Limited warranty does not cover normal wear and tear, nor any damage, failure or loss caused by improper assembly, maintenance, storage or use of the product.

Warranty return shipping is the responsibility of the customer.

PATENT PENDING.

Go Motorboards™ contact information:

Go Motorboards™

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MOTORBOARDS™

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