IMPORTANT
READ THIS MANUAL COMPLETELY BEFORE OPERATING THIS RIDE ON SCOOTER

HM01Q (6-20 pages)

HM02D (21-27 pages)

CAUTION - ELECTRIC TOY
Not recommended for children under 14 years of age. As with all electrical products, precautions should be observed during handling and use to reduce the risk of electric shock.

WARNING
To reduce the risk of injury, adult supervision is required. Never use in roadways, near cars, on or near steep inclines or steps, swimming pools or other bodies of water. Always wear shoes, and never allow more than one rider.

HM03Q (1-5 pages)

WARNING:
This is NOT a preschool toy - use only under close adult supervision. DO NOT ride on the street. Ride only with a safety helmet.
LIMITED WARRANTY

THE SCOOTER is warranted by for thirty days from date of original purchase against defects in materials or workmanship. During the warranty period, we will repair or, at its discretion, replace any defective vehicle provided that the vehicle has been used under normal Circumstances, solely for the purpose for which it was intended and has been given proper care and Maintenance. This warranty does not cover damage caused by the customer, damage which results from normal wear and tear or from alterations made by the customer, or damage caused by use for an unintended purpose. We shall be liable under this warranty only for repair or replacement of the ride-on unit. Should you seek any other remedy, call Customer Service Department.

If the returned item is no longer covered by the warranty, please enclose a check or money order to cover return shipping and handling.

IMPORTANT NOTICE

REMEMBER TO ...
Charge the battery once 2 months during storage, even if the vehicle has not been used.

DO NOT Return your vehicle to the store!

DO NOT RETURN TO STORE
For service, Create Online, Trouble Ticket
Http://support.bigtoysusa.com

Made in china by MoTotec wheelman
IMPORTANT NOTICE

THE RECHARGEABLE BATTERY HAS TO BE CHARGED UNTIL THE CHARGER INDICATOR LIGHT TURNS GREEN FOR FIRST USE.

SPECIFICATIONS

| Battery       | 1x36Volt Rechargeable Lithium battery  
(After 7 hours of charging, can be used for 1 hour.)  
Average travel distance 16 mph / 25km |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>36V . DC . Brushless motor.</td>
</tr>
<tr>
<td>For Ages</td>
<td>16 and up</td>
</tr>
<tr>
<td>Max. Loading Weight</td>
<td>264 lbs / 120 kg</td>
</tr>
<tr>
<td>Product Size</td>
<td>37.5 (L) x10.3 (W) x 10.3(H) inch</td>
</tr>
<tr>
<td></td>
<td>95 (L) x26 (W) x 26(H) cm</td>
</tr>
<tr>
<td>Gross Weight</td>
<td>40 lbs / 18.5 kg</td>
</tr>
<tr>
<td>Speed</td>
<td>15 mph / 25 km per hour</td>
</tr>
</tbody>
</table>

RULES FOR SAFE OPERATING

1. Assembly should be done by an adult.
2. Adult supervision is required while the child is riding or playing with the scooter.
3. Teach the child how the scooter works before the first ride.
4. One rider only at a time.
5. The adaptor must be operated by adult.
6. The adaptor is not a toy.
7. The adaptor used with the scooter is to be regularly examined for damage to the cord,  
    plug, enclosure and other parts. In the event of such damage, the scooter must not be  
    used with this adaptor until the damage has been repaired.
8. Do not attempt to ride the scooter while it is charging.
9. Ride on flat, paved, surfaces away from traffic and other hazards.
10. Keep the scooter dry and out of the rain, snow or wet weather.
11. The scooter is for children 16 years old or older.
12. Examine the scooter before each ride to be sure there are no loose parts and that it is safe  
    to ride.
13. Non-rechargeable batteries are not to be recharged.
14. The supply terminal is not to be short - circuited.
15. Batteries are to be inserted with the correct polarity.
16. Exhausted batteries are to be removed from the scooter.
17. Rechargeable batteries are only to be charged under adult supervision.

ALWAYS WEAR PROTECTIVE GEAR INCLUDING KNEE PADS, ELBOW PADS, AND A HELMET WHEN RIDING YOUR THE SCOOTER.
WARNING: SHOES MUST ALWAYS BE WORN DURING USE.
ALWAYS WEAR PROTECTIVE GEAR INCLUDING KNEE PADS, ELBOW PADS, AND A HELMET WHEN RIDING YOUR THE SCOOTER. WARNING: SHOES MUST ALWAYS BE WORN DURING USE.
CHARGING THE BATTERIES

1. Connect the recharger plug into the charging port as shown. Let it recharge for 7 hours.
2. After it is fully charged. The charger indicator Light turns green. Then Unplug the charger.

⚠️ WARNING
RISK OF FIRE. Do not bypass. Replace only with same type.
IMPORTANT: THIS SCOOTER IS EQUIPPED WITH AN AUTOMATIC THERMAL OVERLOAD PROTECTOR. THE OVERLOAD PROTECTOR WILL AUTOMATICALLY SHUT DOWN THE ELECTRICAL SYSTEM WHEN IT DETECTS AN OVERLOAD. OVERLOADS CAN BE CAUSED BY IMMOVABLE OBJECTS OR BEING RIDDEN BY AN OVERSIZED CAR. THERMAL PROTECTOR WILL AUTOMATICALLY RESET AFTER APPROXIMATELY 20 SECONDS. DURING THIS TIME THE ENTIRE ELECTRICAL SYSTEM IS SHUT DOWN AND THE SCOOTER WILL NOT RUN.

1X36V Rechargeable battery that powers the motors
- The battery has been charged partially before shipment. You must charge the scooter for 4-6 hours before your first use.
- Recharge 4-6 hours before each use. Please charge a minimum of once two months if vehicle is in storage for a long time.
- Disconnect the battery if the car will not be used for long time.
- Do not operate the scooter while it is recharging.
- Non-rechargeable batteries cannot be recharged.
- Warning During charging, avoid explosive gases, flames and sparks.

SAFETY INFORMATION

- Charging of the battery must take place in a well ventilated area.
- The lithium battery must be removed from the unit before it is disposed of.
- The unit must be disconnected from the mains supply when removing the battery.
- If either of the charger cables become damaged you should replace the charger unit.
Note: If the lithium battery is leaking, stop using the product and disconnect from main supply immediately. Return to service centre for repair or dispose at an official waste collection site. Remove the battery before disposal. Wash your hand after touch the leak battery.

DISPOSAL & ENVIRONMENTAL INFORMATION

- In the interest of protecting the environment please do not dispose of the unit with your normal domestic rubbish.
- Disposal should take place at a qualified service centre or at an official waste collection site.
- You must remove the lithium battery before disposing of the unit. The battery should only be removed by a qualified person.
- You can also take the unit to a Service Centre. The staff will be happy to help you.
Q: The car does not move
A: Check the on/off switch and check Power Lamp

Q: The car is moving slowly
A: Recharge the battery if it is low. Check the power lamp and make sure the wheels rotate smoothly.

Q: How to adjust the brake. If brake is not well.
A: Check the Hand brake and adjust it is nut.
Check the Disc brake and adjust it is nut. (As shown)

Only use the battery of the same as attached or (36V10Ah) type are recommended.
Only use the charger of the same as attached or (input: 100-230V.60Hz / Output: 36V D.C. 1000mA) type are recommended.
Did not read the instructions carefully before understanding the performance, do not use gasoline scooter, gasoline scooter, also do not lend the scooter can't operate in gasoline engine people riding the scooter ride, please certain laws and regulations to follow your country terms.

<table>
<thead>
<tr>
<th></th>
<th>Forthgoer gasoline</th>
<th>Forthgoer electric</th>
<th>Forthgoer 2 wheel electric</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>forthgoer gasoline</td>
<td>forthgoer electric</td>
<td>forthgoer 2 wheel electric</td>
</tr>
<tr>
<td><strong>Model</strong></td>
<td>HM01Q</td>
<td>HM02D</td>
<td>HM03D</td>
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<tr>
<td><strong>The front tire specifications</strong></td>
<td>tubeless tire, 2.75-10 inches, 1.8-2bar</td>
<td>tubeless tire, 2.75-10 inches, 1.8-2bar</td>
<td>tubeless tire, 3-9 inches, 1.8-2bar</td>
</tr>
<tr>
<td><strong>The rear tire specifications</strong></td>
<td>tubeless tire, 2.75-10 inches, 1.8-2bar</td>
<td>tubeless tire, 2.75-10 inches, 1.8-2bar</td>
<td>tubeless tire, 3-9 inches, 1.8-2bar</td>
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<tr>
<td><strong>Engine model</strong></td>
<td>2-stroke engine: 43cc/49cc/63cc/</td>
<td>brushless 1000w</td>
<td>brushless stock wheel motor 500w</td>
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<tr>
<td><strong>Engine R/MIN</strong></td>
<td>7500r/min, 9500r/min</td>
<td></td>
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<tr>
<td><strong>Motor</strong></td>
<td></td>
<td>brushless 1000w</td>
<td>brushless stock wheel motor 500w</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>36v</td>
<td>36v</td>
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<tr>
<td><strong>Battery</strong></td>
<td>lithium battery 10ah</td>
<td>lithium battery 6ah-10ah</td>
<td></td>
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<tr>
<td><strong>Frame:</strong></td>
<td>whole aluminum</td>
<td>whole aluminum</td>
<td>whole aluminum</td>
</tr>
<tr>
<td><strong>Brakes:</strong></td>
<td>middle disc brake</td>
<td>middle disc brake</td>
<td>rear wheel disc brake</td>
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<tr>
<td><strong>Recommended Age</strong></td>
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<td>14ages+</td>
<td>14ages+</td>
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<td><strong>Net weight</strong></td>
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<td>26kg</td>
<td>17kg</td>
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<tr>
<td><strong>Gross weight</strong></td>
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<td>28kg</td>
<td>18.5kg</td>
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<tr>
<td><strong>Manned weight</strong></td>
<td>200kgs</td>
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<tr>
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<td>124<em>39</em>46</td>
<td>98<em>32.5</em>31</td>
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</table>
Forward

Thank you for purchasing your forthgoer gasoline recreation vehicle. It is highly recommended you review this owner's operational and maintenance manual. Understanding the proper start up procedures, regular maintenance and tips on riding techniques will ensure you achieve your objective – and that is to have fun!

Although this vehicle is designed for off road use and can function on rough terrain, it also performs exceptionally well on hard surfaces such as pavement or concrete; however, when first learning to ride it is recommended that the rider start out on a smooth but softer surface, such as a grass playing field. It will be common for the average rider to take a few spills when first learning to ride. A grassy playing field will reduce the risk of injury and prevent scratching your new forthgoer.

The forthgoer is produced by a company that continues to refine the vehicle and enhance the rider's excitement and satisfaction. Your unit may have performance upgrades that may not exactly match the components discussed in this manual.

Getting to know your new toy and learning to ride will be very exciting. A quick look at the following table of contents will hopefully point out, in the order necessity, that reviewing the manual completely will be a wise decision. Enjoy your ride!
Ensure that the packaging is correct side up. It is strongly recommended that all packaging be removed carefully and then returned to the box intact and undamaged. For moving purposes the original packaging will protect your forthgoer from damage during transport.

Lift out the throttle/brake handle and connecting cable first. Although the forthgoer is a manageable 25 kg, having the cable catch on the packaging in the process of lifting out the unit, can cause an unexpected muscle strain. If at all possible, have someone assist with holding the lower packaging while removing the forthgoer from the box. Holding the fiber rod where it connects to the rear housing will find a point of balance. Included in the packaging is a fuel mixing container.
Visual and mechanical inspection

Although every forthgoer is produced using vigorous quality controls, because you are about to ride a motorized vehicle, it is common sense to inspect your vehicle prior to riding. It is also in the rider’s best interest to know and understand the basics of how the machine works.

You will notice the forthgoer is of partial frame and partial split body construction. There is a hinge and hook mechanism for the front wheel to pivot, which does not come into contact with the hinge mounted to the stainless steel skid plate and frame. All self-locking nuts connecting the reinforced fiberglass or FRP as it is known in the industry will be secure. The four skid pads mounted to footplates will be fastened with nickel-chromed machine screws. The chain will be kept very snug on the rear sprocket by a spring-loaded chain-tensioning wheel. Both the front and back wheels will have a little play and may feel loose. This is by design and when under load of a rider this play will not be detectable.

The lever on the control grip for the rear disc brake will engage mid way through the lever’s travel. This can be checked be placing a block under the skid plate, rotating the rear wheel by hand and engaging the brake. The forthgoer has an automatic centrifugal clutch and brake. This prevents movement of the vehicle at idle and will slow you quickly when you release the throttle.

The fuel tank is below the carburetor, a purge bulb is mounted on the top of the carburetor to prime the carburetor by pushing 3 times prior to engine running. Neoprene pads are wrapped around the hub less wheel assemblies. The high performance 49.99 cc engine is mounted in the center of the unit with the carburetor facing forward and the exhaust expansion chamber muffler unit facing to the rear. Caution! This exhaust system will be hot shortly after starting the engine. The pull start handle and cord recoil system is located on the side of the engine. The two heavy tread tires have inner tubes and will have an air valve through the side of the tire.

Note: The correct tire pressure is 20 psi. Although this is will have been checked before leaving the factory, due to different climatic conditions and elevation, tire Pressure can fluctuate. Incorrect tire pressure can cause riding difficulty and cause Damage to the tire and rim. Pre-ride inspection should include the use a tire gauge to check and fill or release if necessary.

This brief visual walk about of your forthgoer will prepare you for the next phase of your adventure.
Preferred Stance

The forthgoer is designed to suit both natural (left foot forward) and goofy (right foot forward) riders. The vehicle has been preset to accommodate natural riders. Having the incorrect foot forward can make balance surprisingly difficult. So please choose left foot forward or right foot forward’s forthgoer. If your choice is not feel well stance, you will need service help. Suggest: before you choose, you can natural stance on the a plank, if your left foot forward, just choose left foot forward (hook on the right). Opppsite right foot forward(hook on the left) see diagram

![Diagram of preferred stance]

Fuel

Your motor is a 2-cycle high performance internal combustion engine. Four stroke engines have an oil reserve for lubricating all of the internal moving parts. A 2 cycle engines does not. Instead, a small amount of 2-stroke oil is mixed with the fuel available at most gas stations. This fuel/oil mix in vapor form will lubricate all the moving parts in the crankcase chamber and the piston cylinder. It is essential that oil be added the gasoline! The proper mix depends on the type of oil. Generally, high performance 2-cycle oil the mix is 25 to 30 parts gasoline for 1 part oil (recommended for regular riding conditions), and for synthetic oil the mix may be as high as 50:1 for more performance. This will require carburetor adjustment. If the engine is running too hot then increase the oil ratio.

Example: 30:1 means – 1 liter of gasoline will require 33 ml of oil

![Fuel ratio diagram]
Note! Gasoline is extremely flammable and can ignite easily!

Caution! Always mix and pour fuel in a well-ventilated area, preferably outdoors.

Caution! Always wait until the engine has cooled down before refueling.

Caution! Always keep fuel away from an open flame or potential spark.

Caution! Use proper fuel containers only.

Caution! Do not smoke cigarettes while mixing or refueling.

Tip: For regular non-synthetic 2-cycle oil expect to see a small amount of blue in the exhaust. This will mean that your engine is being lubricated. Too, much, however, may foul (dirty) the spark plug causing poor running conditions and will require replacement.

Tip: pour the required amount of oil into the empty fuel container first, add about 20% of the fuel, close the lid on the container and shake moderately to mix well, and then add the remainder of fuel required to obtain the correct ratio. How much to add will be explained on back of the 2-stroke oil container.

The advantage of 2-cycle engine is far fewer moving parts (no valves for porting fuel and exhaust) which eliminates a lot of maintenance, makes rebuilding or upgrading the size of the engine very easy, and reduces the overall weight of the engine. And most significant, the spark plug ignites the fuel every second stroke, as opposed to one in four of a four stroke engine, making the vehicle 2 twice as powerful for its size!

Rider’s safety gear

The type and amount of riding safety apparel will depend on the riding conditions and the rider’s preference. New riders will learn at individual rates depending on experience of other activities. Snow boarders and skate boarders will start off with the biggest advantage because of the familiar stance and balance skill set. Others not to worry, the forthgoer is quick to master.

It is recommended for all, however, that a helmet be used at all times as well as elbow pads, kneepads, riding gloves, and wrist guards and even shoulder pads may boost one’s confidence at the early stages.

Riding technique

Although discussion of the riding process will take place now, a thorough and complete read of this manual is necessary. Even though learning to ride the forthgoer is easy, here are some tips to consider:

Note: remember about preferred stance:
1.) Place the forthgoer next to a railing or something to hold on to
2.) Let the vehicle rest on the front hinge hook and the same side skid pads
3.) Step into the footpads while holding onto a pole or something for support
4.) Push down on heels and pivot the vehicle into an upright position
5.) Standing vertical, and face the direction of travel, rotate your hips left and right
6.) Allow your feet to also turn forward until they wedge into the foot-wells
7.) Move your feet forward and back in the foot wells until your shins gently make contact with the neoprene padding and you feel comfortable rocking the machine back and forth. Put a little extra weight on the forward foot and bend at the knees a little
8.) Now looking forward, not down, gently rock the unit side to side and familiarize yourself with this position and get the feeling of balance
9.) Now you know what to achieve when riding

Later, when ready to go for the first time, try this simple procedure with the engine running and the control lever in your hand. If your body will recognize the correct position without you having to discover it, you will be able to start effortlessly.

When you are ready, with the control in your hand and the engine warmed up, step into the foot wells. With the forthgoer resting on the skid pads, push down on your heels, lift the vehicle to the upright position and at the same time moderately compress the throttle lever. This may take a few tries to get the amount of throttle and timing right to create the forward motion while maintaining your balance. You may want to start with the aid of a pole, wall or friend.

Once you have learned this procedure, you will quickly learn that throttle control can help maintain your balance. If you feel your body weight start to lean too much to one side while in motion, a little extra throttle will push you back to a comfortable upright position. Both wheels act as gyros maintaining and assisting your balance while in motion. Finding out just how much is part of the fun! If you feel the front wheel turns too easily you may want to tighten the large nut on the “U” shaped arm (see preferred stance section). Good luck and have fun!!
Engine start up

Warning! Always start the engine outdoors. The exhaust emissions in an enclosed area are very harmful.

1.) Pump the primer bulb until fuel is seen flowing freely in the clear fuel line 3 or more times
2.) Hold the throttle/brake control lever in one hand
3.) Flip the choke lever (clear tube knob) on the carburetor to on the position, flat side back
4.) Place your left foot on the front wheel hook hinge to keep the vehicle stable
5.) Use your right thumb to push the operating switch to “on”
6.) Now pull the “Pull Start Cord” slowly until you feel it engage with the engine then pull quickly towards the front of the engine and not upwards which may damage the FRP. With one or two pulls the engine should fire then stall.

Caution! Do not let go of the “Pull Start Cord” handle. Always guide it back into the recoil assembly.

7.) Turn the choke off, flat side down and repeat step 5 but as soon as the engine fires, give it a little pulsating throttle to prevent a cold stall
8.) Momentarily, the engine will idle without any extra throttle. Allow the engine to warm up. This will only take 2 to 3 minutes you may gently pulse the throttle during this time if it is rough idling.

Caution! Do not over rev the engine when cold. High rpm revving without a load (rider) is harmful to the engine. Best wait until you are on the machine!
Carburetor adjustment: For advanced mechanical skill owners only!

The forthgoer utilizes a high performance carburetor. Each engine will be tested at the factory and have the carburetor adjustment preset; however, like tire pressure, different geographical regions may have effect on the optimum settings for your machine. Here’s a simple test to see if your settings are perfect:

1) With a small slot screw driver, and one at a time, turn the low speed jet screw and the high speed jet screw from their current positions, clockwise all the way in, counting the number of half turns as you go. For Each screw, record your findings by writing them down here H_____ turns L_____ turns

Caution! It is extremely rare for an individual to remember the number of turns.

2) Once you have recorded this information, return each screw to its factory setting
3) Fully warm up the engine
4) Place a block under skidpan so that the back tire is off the ground
5) Quickly compress the throttle to full and as soon as the engine roars, back off the throttle. The response time should be almost instant! If it is and the engine idles nicely, your settings are perfect. If not, proceed with some adjustments
6) You can change the idle RPM by adjusting the idle screw (screw with spring) in or out
For advanced mechanical skill owners only:

7) Low Speed-Jet Screw: The low speed-jet screw marked L adjusts the amount of fuel added to the air passing through the carburetor at partial throttle, or up to 1/3 throttle openings. It is recommended leaving this as is unless you feel it needs to be adjusted. Turn the low-speed jet screw so once the engine idles steady, use the low throttle screw to get a slow chattering idle. If the engine slowly chatters and dies, then it is too rich and the low throttle screw must be turned in, to lean the mixture a bit (1/8 to 1/4 turn). If the idle speed gets too fast with the leaner low throttle setting use the Idle screw to get a slower idle speed. The ideal low setting is as rich as possible without loading up (Chattering & Dying). That the engines idle at its highest RPM. Adjust the idle screw to a nice purr about 800 RPM.

8) High Speed-Jet Screw: This screw adjusts the amount of fuel added to the air passing through the carb from 1/3 throttle to full open. Now start trying different settings 1/8 turn at a time with the high-speed jet screw marked H and repeat the quick throttle compression, until the response is directly to high engine rpm while little or no hesitation, but remember to keep high rpm for brief moments only. The object of High Speed adjustment is to obtain the highest possible RPM under load (ride it) with the richest possible setting. The richer you can keep the mixture while still getting peak RPM the better. The engine will accelerate; it will live longer, run cooler and respond better. Just adjusting the high throttle screw for max RPM on the kick stand would leave the engine very lean and when the engine is under load it probably won't accelerate well at all and could seize. Instead, start rich and lean the mixture out in small increments (1/8 of a turn). Test each new setting under a load. Once the acceleration starts to suffer, you have gone too far. (Go back 1/8 of a turn). An optimum setting for typical stock engines is about 1 1/8 to 1 3/4 turns out.

9) Once the high-speed adjustment is complete, reset the idle (step 6) to a nice soft purr.

Problem: Engine chatters at full throttle and doesn't rev high.
Solution: The "H" screw is to far open. Close 1/8 turn and test under load until acceleration suffers and then open 1/8 turn.

Problem: Engine bogs from low speed.
Solution: The "H" Screw is to far close. Open it 2 or more turns and tune for chatter.
NOTE: Worn parts, restricted exhaust and low cylinder compression can cause low speed bog.

Problem: Engine idles but slowly dies.
Solution: The low jet-speed screw is to far open. Turn in 1/8 turn at a time until idle cleans up. If idle speed is to fast after adjustment slow the idle down using the idle screw.

Problem: Engine idles smooth but runs poor under load unless throttle is full open.
Solution: The low speed screw is too far in. Turn idle screw all the way clockwise and set a low idle using the low speed-jet screw.
Problem: Engine idles fast and stalls when you try to slow idle speed down.
Solution: These are the symptoms of an intake leak which usually occur at the manifold
to cylinder gasket. You can check for leaks with the forthgoer running. Spray
WD-40 around the manifold, if the idle speed changes you have a leak.

Breaking in the engine

Watch the temperature, heat is your enemy. You can **break your engine in gently** (3 to 4 hours of moderate riding only reaching maximum rpm briefly
and allow to cool every 10min) will give you maximum engine life or **break your engine** by maxing out the rpm continuously and risk engine failure not covered by the warranty.

**You make the choice!**

**Tip:** It is **good practice** to treat your **engine** with a little **respect**. After a period of thrill seeking and racing (which your high performance engine will enjoy as much as you) let the **engine cool down before turning off**. This 2-stroke engine ignites fuel every second stroke...Notice that it is forced air cooled (no heavy water cooling system). Forced airflow by the flywheel through the cylinder foils cools the engine adequately. If the engine is hot, when you’re riding stops, allow the engine to idle for a few minutes before turning off.
To turn off the engine, use your thumb on the control lever to push the switch up.

Regular maintenance

**Note:** Although riding conditions will effect fuel consumption, an average ride per liter
of fuel will be approximately 1 hour but much less during the break in period.
Use the following table as a guide to hassle free riding.

<table>
<thead>
<tr>
<th>Inspection</th>
<th>Every ride</th>
<th>20 hours</th>
<th>40 hours</th>
<th>80 hours</th>
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<td>Tire pressure</td>
<td>Visual check</td>
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<tr>
<td>Screws, nuts, bolts</td>
<td>Check for tightness</td>
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<tr>
<td>Hand break</td>
<td>Actuate</td>
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<tr>
<td>Throttle lever</td>
<td>Actuate</td>
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<td>Fuel and fuel cap</td>
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<tr>
<td>Air filter</td>
<td>Check</td>
<td>Clean</td>
<td></td>
<td>Change</td>
</tr>
<tr>
<td>Spark plug</td>
<td>Check and clean</td>
<td></td>
<td></td>
<td>Change</td>
</tr>
<tr>
<td>Cylinder bolts</td>
<td></td>
<td></td>
<td>Tighten if necessary.</td>
<td></td>
</tr>
</tbody>
</table>
Storage

For periods of non-use (too bad, so sad...)
- Empty the fuel tank completely by lifting the unit and pouring the fuel out into a proper fuel container. Be sure to replace the fuel cap. This is recommended for periodic cleaning of the fuel tank as well.
- Remove the air filter and spray “Carburetor cleaner” into the carburetor
- Start the engine with the remaining fuel in the carburetor and spray another shot of carb cleaner into the carburetor. Let idle until engine stop due to no fuel remaining and remember to turn the operating switch to the off position.
- Clean the air cleaner with solvent and replace
- Remove the spark plug and pour a little 2-cycle oil (a thimble full – 10ml) into the piston cylinder. Clean and replace the spark plug.
- Spray WD40 liberally over your metal parts.
- Lubricate the chain.
- Ensure your forthgoer is stored in a dry place.
- Replace the spark plug with new after new season start up.

Trouble Shooting

The forthgoer is one tough machine. It is build to withstand rough terrain and you are encouraged to ride it aggressively. However; like all machines with internal combustion engines, constant vibration can cause parts to loosen and even fail over time. Because you will be riding your forthgoer a lot, the following section should help to solve any problems and put you back on the trails.

Note: for the following procedures, where necessary see your dealer for the correct replacement parts.

Note: to remove the ride side panel (not recommended); first remove the flywheel aluminum cap over the panel. Use shims (or slot screw drivers) to wedge under the edge and tap moderately working around the circumference until it pops off.

Pull cord breaks

- Remember to always guide the pull cord back into the recoil mechanism
- In the event the cord breaks, it will need to be replaced. Do not shorten this will make starting difficult.
- To repair, remove the side panel (always double check to ensure all mounting nuts have been removed before pulling off). Remove cord from recoil mechanism, making note of position, and replace (this is an item that can be
replaced from other similar applications, such as a lawn mower or chain saw)

**Pull cord mechanism fails**

- Follow the steps above and replace the mechanism (see dealer for replacement)

**Muffler rattles loose**

- The bolts fastening the muffler to the engine cylinder are under tremendous stress of vibration, constant heating and cooling and although unlikely, should this happen excess noise will be the main indicator. If not left unattended, no damage will occur. Remove the left side panel and tighten left muffler bolt. Repeat for right side to access right muffler bolt, tighten and reinstall panel.

**Sprockets out of alignment**

- Indicators might be: excess chain noise, chain keeps coming off, excess chain wear
- Position the forthgoer upside-down, rigging some from of holding system. Rotate the back wheel and observe the configuration between front and rear sprockets. If the back sprocket seems to wobble considerably, take your
Note: do not proceed with the following until all of the above have been checked first.

8. Check for loose manifold bolts by grasping the carburetor with your hand and check for any side to side movement if present remove and tighten.
9. Remove the carburetor and inspect the jets and ports for dirt and clogging Clean with a “carburetor cleaning” product and moderate compressed air.
10. Contact dealer for assistance

Start but no idle

- See: Carburetor adjustment page .... Of this manual

Start but no power

- See: Step 8 above and Carburetor adjustment page .... Of this manual

We hope you have hassle free riding; but it is in the rider’s best interest to know and understand how your machine works.
Note: do not proceed with the following until all of the above have been checked first.

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Start but no power

- See: Step 8 above and Carburetor adjustment page .... Of this manual

We hope you have hassle free riding; but it is in the rider’s best interest to know and understand how your machine works.
Recreational Vehicle: electric  forthgoer  Model: HM02D

*Did not read the instructions carefully before understanding the performance, do not use gasoline scooter, gasoline scooter, also do not lend the scooter can't operate in gasoline engine people riding the scooter ride, please certain laws and regulations to follow your country terms.*

<table>
<thead>
<tr>
<th></th>
<th>Forthgoer</th>
<th>Forthgoer</th>
<th>Forthgoer</th>
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<tr>
<td><strong>Product name</strong></td>
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<td>brushless stock wheel motor 500w</td>
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<td>lithium battery 6ah-10ah</td>
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<td>whole aluminum</td>
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Forward

Thank you for purchasing your electric forthgoer recreation vehicle. It is highly recommended you review this owner’s operational and maintenance manual. Understanding the proper start up procedures, regular maintenance and tips on riding techniques will ensure you achieve your objective – and that is to have fun!

Although this vehicle is designed for off road use and can function on rough terrain, it also performs exceptionally well on hard surfaces such as pavement or concrete; however, when first learning to ride it is recommended that the rider start out on a smooth but softer surface, such as a grass playing field. It will be common for the average rider to take a few spills when first learning to ride. A grassy playing field will reduce the risk of injury and prevent scratching your new forthgoer.

The forthgoer is produced by a company that continues to refine the vehicle and enhance the rider’s excitement and satisfaction. Your unit may have performance upgrades that may not exactly match the components discussed in this manual.

Getting to know your new toy and learning to ride will be very exciting. A quick look at the following table of contents will hopefully point out, in the order necessity, that reviewing the manual completely will be a wise decision. Enjoy your ride!

Removing your forthgoer from the packaging

Ensure that the packaging is correct side up. It is strongly recommended that all packaging be removed carefully and then returned to the box intact and undamaged. For moving purposes the original packaging will protect your forthgoer from damage during transport.

Lift out the throttle/brake handle and connecting cable first. Although the forthgoer is a manageable 25 kg, having the cable catch on the packaging in the process of lifting out the unit, can cause an unexpected muscle strain. If at all possible, have someone assist with holding the lower packaging while removing the forthgoer from the box. Holding the fiber rod where it connects to the rear housing will find a point of balance. Included in the packaging is a fuel mixing container.

Visual and mechanical inspection

Although every forthgoer is produced using vigorous quality controls, because you are about to ride a motorized vehicle, it is common sense to inspect your vehicle prior to riding. It is also in the rider’s best interest to know and understand the basics of how the machine works.
You will notice the forthgoer is of partial frame and partial split body construction. There is a hinge and hook mechanism for the front wheel to pivot, which does not come into contact with the hinge mounted to the stainless steel skid plate and frame. All self-locking nuts connecting the reinforced aluminum as it is known in the industry will be secure. The four skid pads mounted to footplates will be fastened with nickel-chromed machine screws. The chain will be kept very snug on the rear sprocket by a spring-loaded chain-tensioning wheel. Both the front and back wheels will have a little play and may feel loose. This is by design and when under load of a rider this play will not be detectable.

The lever on the control grip for the rear disc brake will engage mid way through the lever’s travel. This can be checked by placing a block under the skid plate, rotating the rear wheel by hand and engaging the brake. This prevents movement of the vehicle at idle and will slow you quickly when you release the throttle.

Neoprene pads are wrapped around the hub less wheel assemblies. Incorrect tire pressure can cause riding difficulty and cause Damage to the tire and rim. Pre-ride inspection should include the use a tire gauge to check and fill or release if necessary.

This brief visual walk about of your forthgoer will prepare you for the next phase of your adventure.

**Preferred Stance**

The forthgoer is designed to suit both natural (left foot forward) and goofy (right foot forward) riders. The vehicle has been preset to accommodate natural riders. Having the incorrect foot forward can make balance surprisingly difficult. So please choose left foot forward or right foot forward’s forthgoer. If your choose is not feel well stance, you will need service help. Suggest: before you choose, you can natural stance on the a plank, if your left foot forward,just choose left foot forward (hook on the right). Opposite right foot forward(hook on the left) see diagram

![Diagram showing preferred stance](image-url)
CHARGING THE BATTERIES

I. How to use this charger

* Properly connect the charging ports of charger and battery completely. (in case of damage of the ports structure because of improperly big force.) Insert the power plug of charger into AC socket.
* The product is smart charger. It charges the battery with constant voltage and constant current. Usually the charger needs 4-6 hours for full charged. After full charged, please pull out the power plug of charger first and then pull out the DC plug.
* When it doesn't work or comes to end of charging, pull out the power plug then remove the battery.

II. LED Function

* If the power plug inserted into the AC socket without battery connecting with charger, the green LED will light, which means it's in normal stand-by status.
* The red LED lights, charger enters into charging status.
* The LED light turns to green when the battery is fully charged.

III. Maintenance and warning

* The lithium battery charger is used only for the original rechargeable battery. Other types of battery may cause injury to persons and property.
* The charger has high voltage and danger, if the charger is damaged or does not charge anymore, please contact with the store where you purchased it. Do not open it by yourself.
* The lithium battery charger is used indoor and in dry locations. Do not use it in high temperature moist inflammable and explosive environment.
* Before using the charger please carefully read this instruction. The damage caused by the improper operation dose not belong to the maker's responsibility.

1. Connect the recharger plug into the charging port as shown. Let it recharge for 4-6 hours.
2. After it is fully charged. The charger indicator Light turns green. Then Unplug the charger.

⚠️ WARNING
RISK OF FIRE. Do not bypass. Replace only with same type.
IMPORTANT: THIS SCOOTER IS EQUIPPED WITH AN AUTOMATIC THERMAL OVERLOAD PROTECTOR. THE OVERLOAD PROTECTOR WILL AUTOMATICALLY SHUT DOWN THE ELECTRICAL SYSTEM WHEN IT DETECTS AN OVERLOAD. OVERLOADS CAN BE CAUSED BY IMMOVABLE OBJECTS OR BEING RIDDEN BY AN OVERSIZED CAR. THERMAL PROTECTOR WILL AUTOMATICALLY RESET AFTER APPROXIMATELY 20 SECONDS. DURING THIS TIME THE ENTIRE ELECTRICAL SYSTEM IS SHUT DOWN AND THE SCOOTER WILL NOT RUN.

1X36v Rechargeable battery that powers the motors
• The battery has been charged partially before shipment. You must charge the scooter for 4-6 hours before your first use.
• Recharge 4-6 hours before each use. Please charge a minimum of once two months if vehicle is in storage for a long time.
• Disconnect the battery if the car will not be used for long time.
• Do not operate the scooter while it is recharging.
• Non-rechargeable batteries cannot be recharged.
• Warning During charging, avoid explosive gases, flames and sparks.

SAFETY INFORMATION

• Charging of the battery must take place in a well ventilated area.
• The lithium battery must be removed from the unit before it is disposed of.
• The unit must be disconnected from the mains supply when removing the battery.
• If either of the charger cables become damaged you should replace the charger unit.

Note: If the lithium battery is leaking, stop using the product and disconnect from main supply immediately. Return to service centre for repair or dispose at an official waste collection site. Remove the battery before disposal. Wash your hand after touch the leak battery.

DISPOSAL & ENVIRONMENTAL INFORMATION.

• In the interest of protecting the environment please do not dispose of the unit with your normal domestic rubbish.
• Disposal should take place at a qualified service centre or at an official waste collection site.
• You must remove the lithium battery before disposing of the unit. The battery should only be removed by a qualified person.
• You can also take the unit to a Service Centre. The staff will be happy to help you.
Q: The car does not move  
A: Check the on/off switch and check Power Lamp  

Q: The car is moving slowly  
A: Recharge the battery if it is low. Check the power lamp and make sure the wheels rotate smoothly.

Q: How to adjust the brake. If brake is not well.  
A: Check the Hand brake and adjust it is nut.  
Check the Disc brake and adjust it is nut. (As shown)

Only use the battery of the same as attached or (36V10Ah) type are recommended. Only use the charger of the same as attached or (input:100-230V.60Hz / Output: 36V D.C. 1000mA) type are recommended.

Rider’s safety gear

The type and amount of riding safety apparel will depend on the riding conditions and the rider’s preference. New riders will learn at individual rates depending on experience of other activities. Snow boarders and skate boarders will start off with the biggest advantage because of the familiar stance and balance skill set. Others not to worry, the forthgoer is quick to master.

It is recommended for all, however, that a helmet be used at all times as well as elbow pads, kneepads, riding gloves, and wrist guards and even shoulder pads may boost one’s confidence at the early stages.

Riding technique

Although discussion of the riding process will take place now, a thorough and complete read of this manual is necessary. Even though learning to ride the forthgoer is easy, here are some tips to consider:
Note: remember about preferred stance:
1.) Place the forthgoer next to a railing or something to hold on to 
2.) Let the vehicle rest on the front hinge hook and the same side skid pads 
3.) Step into the footpads while holding onto a pole or something for support 
4.) Push down on heels and pivot the vehicle into an upright position 
5.) Standing vertical, and face the direction of travel, rotate your hips left and right 
6.) Allow your feet to also turn forward until they wedge into the foot-wells 
7.) Move your feet forward and back in the foot wells until your shins gently make contact with the neoprene padding and you feel comfortable rocking the machine back and forth. Put a little extra weight on the forward foot and bend at the knees a little 
8.) Now looking forward, not down, gently rock the unit side to side and familiarize yourself with this position and get the feeling of balance 
9.) Now you know what to achieve when riding

Later, when ready to go for the first time, try this simple procedure with the engine running and the control lever in your hand. If your body will recognize the correct position without you having to discover it, you will be able to start effortlessly. When you are ready, with the control in your hand, step into the foot wells. With the forthgoer resting on the skid pads, push down on your heels, lift the vehicle to the upright position and at the same time moderately compress the throttle lever. This may take a few tries to get the amount of throttle and timing right to create the forward motion while maintaining your balance. You may want to start with the aid of a pole, wall or friend.

Once you have learned this procedure, you will quickly learn that throttle control can help maintain your balance. If you feel your body weight start to lean too much to one side while in motion, a little extra throttle will push you back to a comfortable upright position. Both wheels act as gyros maintaining and assisting your balance while in motion. Finding out just how much is part of the fun! If you feel the front wheel turns too easily you may want to tighten the large nut on the “U” shaped arm (see preferred stance section). Good luck and have fun!!