

In this manual, the WARNING sign indicates a hazardous situation which, if not avoided, can cause death or serious injury. **↑** WARNING Great care should be taken with the Hover-1 Renegade when folding or unfolding. If you do not understand how to operate the levers, please visit www.hover-1.com DO NOT RIDE YOUR HOVER-1 RENEGADE WITHOUT ALL RELEASES SECURELY LOCKED.

PLEASE READ THE USER MANUAL THOROUGHLY Failure to follow the basic instructions and safety precautions listed in the user manual can lead to damage to your device, other property damage, serious bodily injury, and even death. Thank you for purchasing the Hover-1 Renegade. Please read all instructions carefully before using and retain this manual for future

use and reference. This manual applies to the Hover-1 Renegade.

 In order to avoid dangers that are caused by collisions, falls, and loss of control, please learn how to ride the Renegade safely.

 You can learn operating skills by reading the product manual and watching videos. This manual includes operating instructions and precautions. Users must read it carefully and follow the instructions. All users are responsible for any consequences caused by

1. Use only the supplied charger with this scooter. Charger Manufacturer: SHENZHEN FUYUANDIAN POWER CO., LTD Model: FY1505882000

be held liable.

violating warning contents or prompt operations. Hover-1 can not

2. The operating temperature range of the charger is 0-40 °C Do not ride on icy or slippery surfaces

5. Read the operation manual and warning labels before riding Store the Renegade in a dry, ventilated environment. 7. When transporting the Renegade, avoid violent crashes or

LOW TEMPERATURE WARNING Low temperature will affect the lubrication of moving parts inside the Renegade, increasing internal resistance. At the same time, in low temperatures, the discharge capacity and the capacity itself of the battery will be significantly decreased.

Use caution when riding the Renegade in cold temperatures Doing so may increase the risk of mechanical failures of the scooter, which may lead to damage to your device, other property damage, serious bodily injury and even death.

 Keep the device away from heat sources, direct sunlight, humidity, water and any other liquids. Do not operate the device if it has been exposed to water, moisture or any other liquids to prevent against electric shock, explosion and/or injury to yourself and damage to the device. • Do not use the device if it has been dropped or damaged in

SAFETY INSTRUCTIONS

 Repairs to electrical equipment should only be performed by the manufacturer. Improper repair voids the warranty and may place the user at serious risk. • Do not puncture or harm the exterior surface of the product in

 Keep the device free from dust, lint, etc. Do not use this device for anything other than its intended use or purpose. Doing so may damage the device or lead to property damage, injury or death.

 This product is not a toy. Keep out of reach of children. Do not expose batteries, battery pack, or batteries installed to excessive heat, such as direct sunlight, or open flame. • Do not allow hands, feet, hair, body parts, clothing or similar articles to come in contact with moving parts, wheels or drive-train,

while the Renegade is running.

• Do not operate, or allow others to operate, the Hover-1 Renegade, until the user understands all instructions, warnings and safety features Check with your doctor if you have a medical condition that could affect your ability to use the Hover-1 Renegade. Persons with head, back or neck ailments or prior surgeries this Hover-1 Renegade.

to those areas of the body are not recommended to use Do not operate if you are pregnant, have a heart condition, or Persons with any mental or physical conditions that may make them susceptible to injury or impair their physical or mental capabilities to recognize, understand and perform all of the safety instructions and to be able to assume the hazards inherent Renegade scooter. Operating the Renegade without following the in unit use, should not use the Hover-1 Renegade. contents of this manual may lead to damage to your Renegade

In this manual, the above symbol with the word "NOTES" indicates instructions or relevant facts the user should remember prior to using a hazardous situation which, if not avoided, can cause minor or moderate injury.

n this manual, the above symbol with the word "WARNING" indicates a hazardous situation which, if not avoided, can cause death or serious injury. • The first rule in safe riding is to use common sense.

Please keep the serial number on file for warranty claims as well a proof of purchase. WARNING: Prolonged exposure to UV rays, rain and the elements

may damage the enclosure materials. Store indoors when not in use.

INTRODUCTION This manual is designed to give you the information you need for the safe operation and maintenance of your new Renegade scooter. Please read it thoroughly before riding your Renegade.

Make sure you read this complete manual before riding your Hove Renegade. Failure to do so, or failure to follow its guidelines could lead to serious injury or death. The Renegade is a personal transporter. Our technology and production processes are developed with strict testing for each

 Hover-1 Renegade Electric Folding Scooter Charging Cable Operation Manual Your Hover-1 Renegade's serial number is stamped respectively

the designated area of the "WARRANTY" section of this manual in the event that your Hover-1 Renegade is lost or stolen. SAFETY PRECAUTIONS

on the kickstand side of the platform. Record the serial number in

Different localities and countries have different laws governing riding electric transportation devices on public roads. You should check with local officials to ensure you are complying with local traffic law requirements.

 Hover-1 is not liable for tickets or violations given to riders who do not follow local laws and regulations. For your safety, always wear a helmet that meets CPSC or CE safety standards. In the event of an accident, a helmet can protect you from serious injury and in some cases, even death.

Obey all local traffic laws. Obey red and green lights, one-way streets, stop signs, pedestrian crosswalks, etc. • Ride with the traffic, not against it.

Ride defensively; expect the unexpected.

sure to keep a safe distance between each other to prevent Do not ride too close to pedestrians and alert them if you intend to collisions, property damage, serious injuries or even death. pass them from behind. • Be sure to keep your feet on the scooter at all times. Moving your

 Slow down at all street intersections and look to the left and right feet off your scooter while driving is dangerous and may cause the scooter to stop or veer sideways. Your Renegade electric folding scooter is not equipped with Do not operate the Renegade while under the influence of drugs reflectors. It is not recommended that you ride in conditions of low

If you are riding your scooter in low-visibility conditions, ensure your LED light is turned on, and that you are wearing bright, reflective clothing.

difficult to see, which could lead to a collision. To increase your level of safety, be sure wear bright, reflective clothing when riding in poor lighting conditions.

When you ride in low-visibility conditions

such as fog, dusk, or night, you might be

nk about safety when you ride. You can prevent many accidents you think about safety. Below is a helpful checklist for riders.

 Do not ride above your skill level. Ensure you have had enough The Renegade can be used on paved surfaces that are flat and even. If you encounter uneven pavement, please lift your Renegade practice with all functions and features of your Renegade. scooter over and past the obstruction. • Do not ride too fast – with increased speed comes increased risk. If you are moving at a higher speed, small bumps can turn into large Do not ride in inclement weather: snow, rain, hail, sleek, on icy roads impacts, leading to a higher risk of injury if an accident occurs. or in extreme heat or cold. Bend your knees when riding on bumpy or uneven pavement to absorb the shock and vibration and help you keep your balance.

 Before stepping on your Renegade, make sure it is placed flat on level ground and the power is on. If you are unsure if you can safely ride on a specific terrain, step off Proper use of your brake is vital to ensure safe, efficient stopping. To avoid misuse and potential injury, do not apply sudden or excessive force to your brakes. Apply your brakes gradually and give yourself enough room to come to a complete stop safely.

and carry your Renegade. ALWAYS BE ON THE SIDE OF CAUTION Do not attempt to ride over bumps or objects greater then ½ in even when prepared and bending your knees. PAY ATTENTION - look at where you are riding and be conscious of the road conditions, people, places, property and objects

 Do not operate the Renegade scooter in crowded areas. Operate your Renegade scooter with extreme caution when indoors, especially around people, property, and narrow spaces. Do not operate the Renegade while talking, texting, or looking at

 Do not ride your Renegade scooter where it is not permitted. Do not ride your Renegade near motor vehicles or on public roads. Do not travel up or down steep hills.

attempt to operate the Renegade with two or more people. Do not carry anything while riding the Renegade scooter. • Individuals with lack of balance should not attempt to operate the Renegade scooter.

The Renegade is intended for use by a single individual, DO NOT

 Pregnant women should not operate the Renegade scooter. Young children and the elderly should not operate the Renegade At higher speeds, always take into consideration longer stopping distances. Do not attempt to jump on or off your Renegade scooter.

Any Renegade Scooter that does not

work properly can cause you to lose

Make sure to wear comfortable clothes and flat closed-toe shoes

• Please carefully read the Operation Manual, which will assist in

explaining the basic working principles and provide tips on how to

when operating your device.

best enjoy your experience.

When you ride in low-visibility conditions such as fog, dusk or night, you might be difficult to see, which could lead to a collision. In addition wear bright, reflective clothing when riding in poor lighting conditions.

 Do not attempt any stunts or tricks with your Renegade scooter. Do not ride the Renegade in dark or poorly lit areas. Do not ride the Renegade near or over potholes, cracks or unever pavement or surfaces.

 Do not operate your Renegade scooter off-road. Do not turn sharply, especially at high speeds. and/or distort certain plastic parts. Do not exceed the maximum or minimum weight limits. Avoid driving the Renegade in unsafe places, including near areas

with flammable gas, steam, liquid, dust, fiber, which could cause fire

The aforementioned examples add stress to each part

of your scooter and can lead to long term damage of

the device. Damage to your scooter can lead to an

accident or increase your risk of injury. To decrease

MANUFACTURER WARRANTY, LEAD TO PROPERTY DAMAGE, CAUSE

your risk of injury, use your scooter correctly.

Riding in off-road terrain

Riding in unusual manner

Riding fast
 Racing other riders

cause scratches and damage. Do not operate near swimming pools or other bodies of water. • Do not let the device fall from high places, as doing so damage the internal circuitry. WARNING: Risk of Fire - No User Serviceable Parts. Do not attempt to disassemble the device.

 Use only the charger provided by Hover-1. There may be additional risk to injury if you use your scooter incorrectly. This includes, but is not limited to: Jumping your scooter Riding over debris or obstacles

damage to the internal components.

To reduce the risk of injury, adult supervision is BATTERY SPECIFICATIONS required. Never use in roadways, near motor vehicles, n or near steep inclines or steps, swimming pools or Charge Time: Up to 7 hours

> Working Temperature: 0 °C - 40 °C Charging Temperature: 0 °C - 40 °C Storage Time: 1 year torage Temperature: -20 °C - 40 °C Storage Humidity: 5% - 95%

Battery Voltage: 54V

Do not expose the device to extremely high or low temperatures of this will shorten the life of the electronic device, destroy the battery, When charging the device, please use the enclosed 1-pin charging Do not dispose of the device in fire as it may explode or combust. Do not expose the device to contact with sharp objects as this w

> Do not place the device or batteries near a fire, or into direct sunlight. breaking, or ignition of the battery inside the device.

To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries. Local, state, or void using water or other liquids for cleaning. If water or federal laws may prohibit disposal of lithium-ion batteries in ordinary other liquids enter the Renegade, it will cause permanent

Users who disassemble the Renegade scooter without permission will void the warranty.

other bodies of water; always wear shoes, and never

CARE & MAINTENANCE

Do not use abrasive cleaning solvents to clean the device.

Do not expose the device to liquid, moisture, or humidity to avoi

allow more than one rider.

damage to the product's internal circuitry.

BATTERY CARE / MAINTENANCE Battery Type: Rechargeable lithium-ion battery

Battery Capacity: 10 Ah

The lithium-ion battery is built into the device. Do not disassemble the device to remove the battery or attempt to separate it from

cable or otherwise ensure that the battery charging conditions are • Do not connect or attach the device or the battery to a power supply plug or directly to a car's cigarette lighter.

Heating the device and/or the battery can cause additional heating, • Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, rupture, or ignite.

trash. Consult your local waste authority for information regarding available recycling and/or disposal options. Failure to follow the safety precautions listed below could lead to serious

bodily injury and/or death.

Oo not attempt to modify, change, or replace your battery. · Do not use your device if the battery begins to emit odor

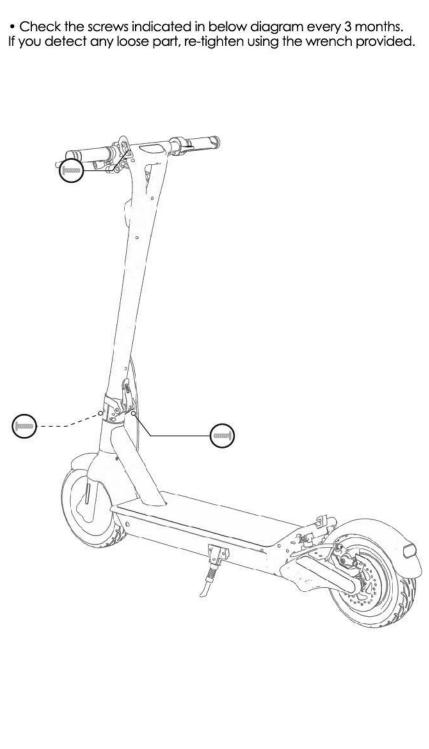
overheats, or begins to leak. • Do not touch any leaking materials or breathe fumes emitted.

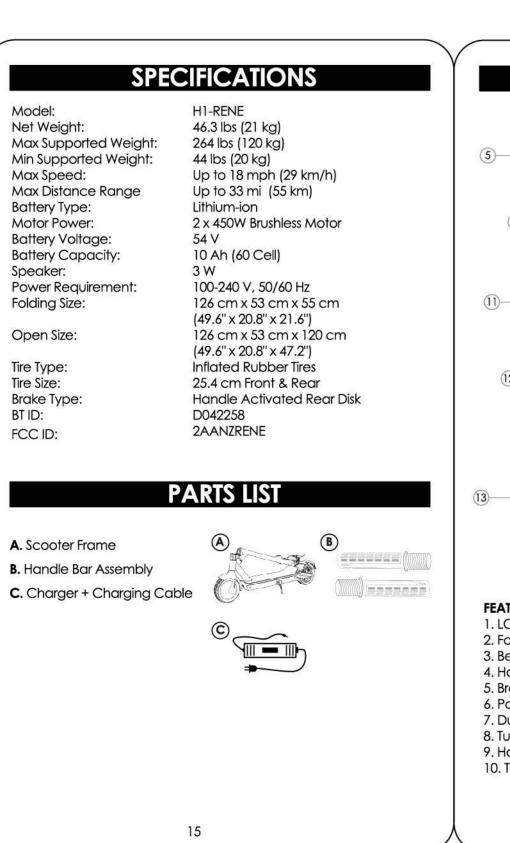
 Do not allow children and animals to touch the battery. • The battery contains dangerous substances, do not open the battery, or insert anything into the battery.

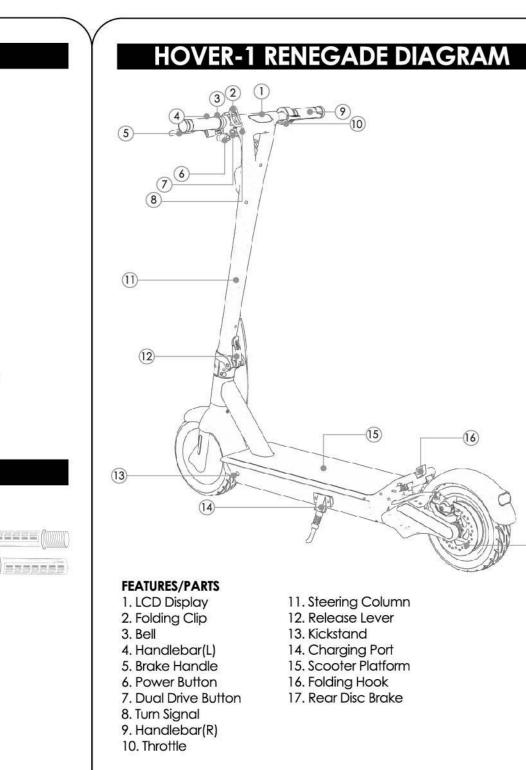
 Please only use the charger provided by Hover-1. Do not attempt to charge the device if the battery has discharge or emits any substances. In that case, immediately distance yourself from the battery in case of fire or explosion.

Lithium-ion batteries are considered to be hazardous materials. Please follow all local, state and federal laws in regards to recycling, handling and disposing of Lithium-ion batteries.

> SEEK IMMEDIATE MEDICAL ASSISTANCE IF YOU ARE EXPOSED TO ANY SUBSTANCE THAT IS EMITTED FROM THE BATTERY.









rottle down two times quick

you will hear a beep and the

cruise control indicator will lig

up on the LCD display indicati that it is activated; Press the

the Brake Handle to cancel

5. DUAL DRIVE (2-WHEEL DRIVE)

use. Press the dual drive mode button to turn on/off.

6. BLUETOOTH INDICATOR

7. BATTERY INDICATOR

Displays current battery level

. HIGH SPEED MODE

utton two times quickly to turn

peaker is now in pairing mode. the two devices no further than 3 feet apart during pairing. 5) The scooter will say "Paired" when successfully paired. automatically return to standby mode. following the aforementioned steps.

> to re-pair any previously connected devices. The Bluetooth icon on the display will be blinking while in pairing model, solid when connected and off when Bluetooth is off

reconnect a previously paired device without going through the pairing or PIN process on up to two devices. Once the Bluetooth speaker is paired to your device, you can stream nusic wirelessly through it. Select the track you wish to listen to on your device to listen via the speaker. All volume and track controls will be made using your music device. Should you encounter any problems while streaming, please refer to your device's user manual.

BLUETOOTH SPEAKER he scooter has a powerful built-in wireless speaker so you can play

your music while riding. PAIRING THE SPEAKER) Turn on your scooter, and the speaker will "Ping" to announce that t's waiting for a Bluetooth® connection. This will indicate your scooter Place the scooter and the Bluetooth® device to which you would ke to pair it within the operating distance. We recommend keeping 3) Ensure Bluetooth® is enabled on your phone or music device. Refer o manufacturer's instructions for how to enable Bluetooth® on your

option "H1-RENE" from the list of available Bluetooth® devices. 5) If required, enter the PIN code "000000" and confirm the entry. 7) Please note, pairing mode on the scooter will last for two minutes. If no devices are paired after two minutes, the scooter speaker will 8) If pairing is unsuccessful, turn off the scooter first and re-pair 9) If your smart phone is out of range, or the battery is low on your scooter, your speaker may disconnect from your smart device, and the scooter will say "Disconnected." To reconnect, follow the aforementioned steps, or recharge your scooter.

NOTE: Once you have paired the scooter speaker with a device, the speaker will remember this device and will pair automatically when the device's Bluetooth® is activated and in range. You do not need f the speaker is not paired to a device within 3 minutes it will turn off. Your scooter can pair up to two multi-point devices. You can

CHARGING YOUR RENEGADE

CHARGING THE DEVICE Ensure that the charging port is clean and dry. Make sure that there is no dust, debris or dirt inside the port. Plug the charger into a grounded wall outlet. Connect the cable with the power supply (100V ~ 240V; 50/60 Hz). Align and connect the 1-pin charging cable into the charging port of the Renegade Scooter. DO NOT FORCE OR BEND THE CHARGING CABLE AS IT MAY CAUSE THE PRONGS TO BEND OR BREAK.) • The charging indicator light on the charger itself should change to RED, indicating that your device is now being charged. When the RED indicator light on your charger turns to GREEN, then your device is fully charged.

 After fully charging your Renegade Scooter, unplug the charger from your device and from the power outlet. Only use the included charging Any Renegade that does not work Hover-1 Renegade. Using any other properly can cause you to lose control and fall. Inspect the entire device thoroughly before every ride, and do not ride it until any problems have been corrected.

PREPARING YOUR SCOOTER PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY ATTACHING THE HANDLEBARS AND BRAKE 1. Attach the right handlebar by placing it into appropriate socket and twisting it clockwise in the correct direction. Attach the brake into left handlebar. 3. Attach the left handlebar by placing it into appropriate socket and twisting it counter-clockwise in the correct direction. 4. Tighten the screw in the brake with the included wrench.



folding or unfolding.



FOLDING & UNFOLDING FOLDING & UNFOLDING YOUR RENEGADE SCOOTER. To unfold your Renegade, press down on the folding clip and pull the steering column up. Raise the safety lock up and push it into place to secure the steering column. You will hear a "click", indicating the steering column is locked. Ensure the steering column is secured in

After riding the scooter, the locking mechanism may loosen over time. If you notice the steering column is loose, don't ride the scooter until it is fully secured. Use the 2.5 Allen wrench provided to tighten point "A" (marked below) until the locking mechanism fits securely. If you are unable to close the mechanism completely, you may need to loosen "A" slightly until the locking mechanism is able to close

display. This will engage the second 450w motor for increased power and acceleration, however the top speed will not change. This can help to drive up slightly steeper inclines. Press again to turn off dual drive mode and the icon will disappear from the display. then press the throttle in order to ride the scooter.



HIGH SPEED MODE To active high speed mode, ensure the scooter is powered on. Press the speed mode button once. The high speed mode indicator (S) should light up on your display to indicate it is activated. This will allow your scooter to reach the top speed.

• Do not try to open or modify your Renegade scooter. Doing so,

voids the manufacturer warranty and may cause your Renegade to

Do not use the Renegade in a manner that would put people or

Do not operate the Renegade when you are restless or sleepy.

Use your best judgment to keep yourself out of dangerous situation

• Do not ride your Renegade scooter off of curbs, ramps, or attempt

to operate in a skate park, empty pool, or in any way similar to a

skateboard. Misuse of your Renegade, voids the manufacturer

• Do not abuse your Renegade, doing so can damage your unit and

cause failure to the operating system which may lead to injury.

Physical abuse, including dropping your Renegade scooter, voids the

• Do not operate in or near puddles of water, mud, sand, stones,

warranty and may lead to injury or damage.

gravel, debris or near rough and rugged terrain.

fail, resulting in injury or death.

property in danger.

with your Renegade.

manufacturer warranty.

To active cruise control while riding, press the Throttle down two times quickly, you will hear a beep and the cruise control indicator will light up on the LCD display indicating that it is activated; Press the Throttle down once or squeeze the Brake Handle to cancel cruise control. DUAL DRIVE MODE (2-WHEEL DRIVE) Make sure your scooter is turned on. On the left handlebar, press the dual drive mode button. The scooter will enter dual drive mode and

Practice using these elements of your Renegade at slower speeds in beep to confirm. The dual drive icon (2) will now appear on the a flat, open area before taking the device out in public areas.

For safety reasons, the scooter will not accelerate unless it is already moving at least 1.8mph(3km/h). You must first kick off the ground and

you may need to recharge the battery every 2 months to maintain the battery life. Please wear all appropriate safety and protective gear as previously mentioned in the Operation Manual before operating your device.

BEFORE RIDING RIDING YOUR RENEGADE SCOOTE FAILURE TO FOLLOW ANY OF THE FOLLOWING SAFETY PRECAUTIONS CAN AND MAY LEAD TO DAMAGE TO YOUR DEVICE, VOID YOUR

control and fall. Do not ride ar Renegade with a part that is damaged replace the damaged part before riding. Make sure the device is fully charged before the first initial use. Before turning on your Renegade scooter, ride it like a normal kick scooter to get comfortable with the device before using it with the motor. t is important that you fully understand all elements of your When comfortable riding the scooter, power it on. For the motor to Renegade scooter. If these elements are not used correctly, you will activate, you must first start riding the scooter and then push the not have full control of your Renegade. Before you ride, learn the throttle down with your thumb.

To slow down the scooter, disengage the Throttle and squeeze the Brake handle to engage the disk brake. The Brake is pressure sensitive so a tighter grip means more stopping power. To turn, use the handlebar to turn in the direction you wish to turn. Ensure that your Renegade is in proper working order each and every time you ride. If a part of the Renegade scooter does not function The Renegade scooter can be operated manually if you do not wish correctly, please contact our Customer Support Center. to use the motor. Ensure the battery is fully charged before riding your scooter.

As you get comfortable on the device, you will notice it becomes easier to maneuver. Remember at higher speeds, it is necessary to If the Renegade scooter is not used for an extended period of time, shift your weight to overcome the centrifugal force. Prepare to brace yourself if you encounter bumps or uneven surfaces, then dismount and carry your Renegade to a safe operating surface.

> Do not turn sharply or at high speeds to avoid danger. Do not turn or ride quickly along slopes, as it may cause injury.

SERIOUS BODILY INJURY, AND CAN LEAD TO DEATH. product damage.

the following are some of the major factors that will affect the operating range of your device. Terrain: Riding distance is highest when riding on a smooth, flat surface. Riding uphill and/or on rough terrain will reduce distance Weight: A lighter user will have further range than a heavier user.

• Ambient temperature: Please ride and store the device under recommended temperatures, which will increase driving distance; battery life, and overall performance of your device. Speed and Riding Style: Maintaining a moderate and consistent speed while riding produces maximum distance. Traveling at high speeds for extended periods, frequent starts and stops, idling and frequent acceleration or deceleration will decrease overall distance.

Do not attempt to stop suddenly as this may lead to injury or damage to your brake discs.

Proper use of your brake is vital to

ensure safe, efficient stopping. To avoid

misuse and potential injury, do not

apply sudden or excessive force to your

brake. Apply the brake gradually and

give yourself enough room to come to

a complete stop safely.

Please follow all local, state and federal laws in regards to recycling, handling and disposing of Lithium-ion Battery. Speed and weight limits are set for your own safety. Please do not exceed the limits listed in the "Specifications" section of this manual

SEEK IMMEDIATE MEDICAL ASSISTANCE Overweight exertion on the device IF YOU ARE EXPOSED TO ANY may increase possibility of injury or SUBSTANCE THAT IS EMITTED FROM

While riding your Renegade Scooter, if there is a system error or illegal operation performed the device will prompt the user in a The following are common occurrences where you will see Safety Alerts. These notices should not be ignored, but appropriate action should be taken to correct any illegal operation, failure or errors.

 Prohibited riding surfaces (uneven, too steep, unsafe, etc.) Battery voltage is too low. The device is still charging. Overheating, or motor temperature is too high. • When the battery is about to run out of power, the battery icon If any or both tires are blocked, the device will stop after 10 When the battery level has depleted below protection mode, the

device motor will power off after 15 seconds. While sustaining a high discharge current during use (such as riding up a steep slope for a long period of time), the device motor will power off after 15 seconds.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. FCC INSTRUCTIONS FOR A CLASS B DIGITAL DEVICE OR PERIPHERAL

imits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

 Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

Error E1- motor hall failure, the motor needs to be Error E2 - accelerator failure, the accelerator needs Error code E3 - motor blocking fault, release the rror codes | Error E4/MOS - mainboard MOS tube failure, the mainboard needs to be replaced Error E6 - controller / instrument communication failure, the controller needs to be replaced Error E7 - battery over-voltage protection, the battery

needs to be replaced

Error E8 - controller error, the controller needs to be

Error E9 - brake failure, the brake needs to be replaced

For warranty information, Please visit us at:

www.hover-1.com

WARRANTY

Affix Serial Number Label Here:

Company name: DGL Group LTD. Address: 2045 Lincoln Highway, 3rd Floor, Edison, NJ 08817, United States