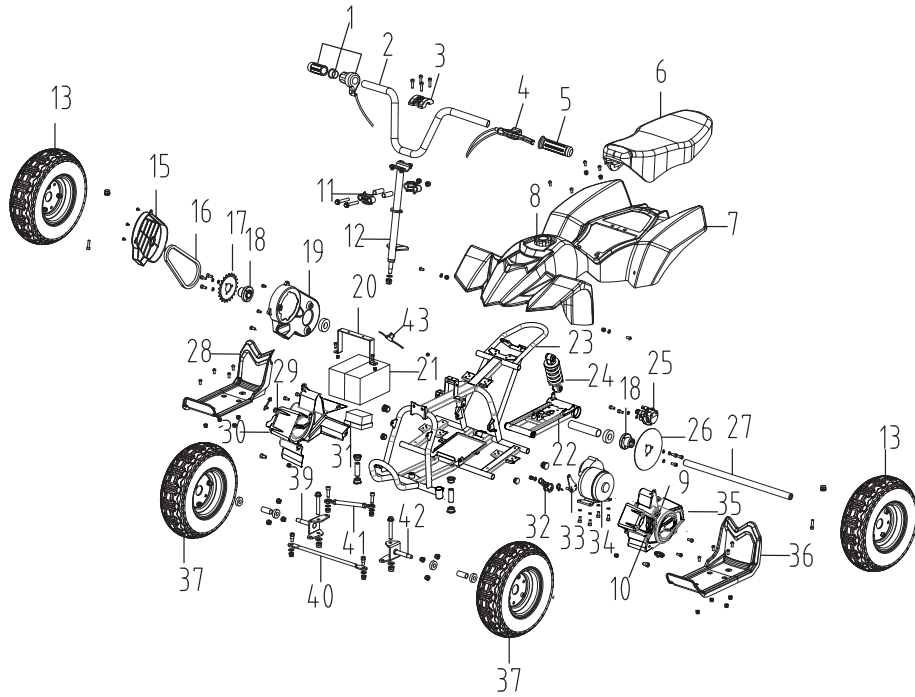
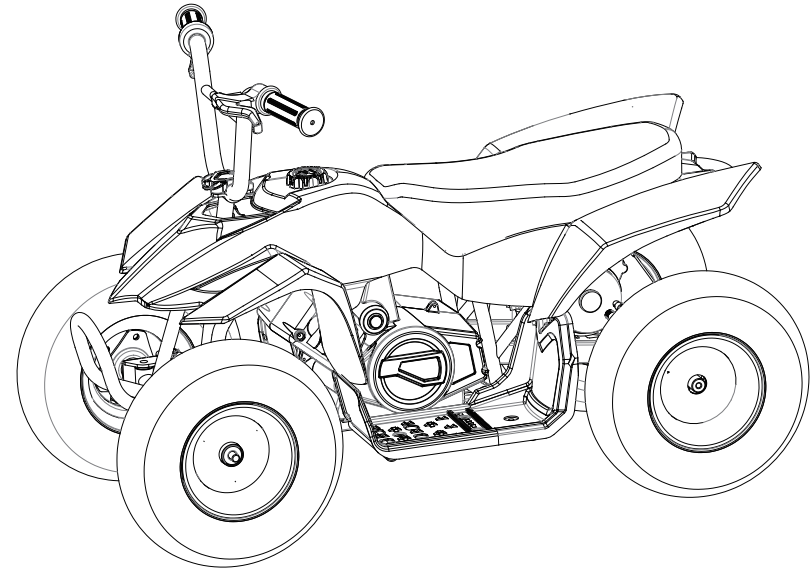


Electric Quad Components



part	description	part	description	part	description
1	Throttle assembly	16	Chain	31	Controller
2	Handlebar	17	Gear	32	Guide wheel
3	Handlebar clamp	18	Gear drive mount	33	Tensioner mount
4	Brake lever	19	Chain guard cover (inner)	34	Motor
5	Left grip	20	Battery lock	35	Left side cover
6	Seat	21	Batteries	36	Left foot rest
7	Body	22	Rear fork	37	Front wheel
8	Deck cap	23	Frame	38	
9	On/Off switch	24	Shock absorber	39	Front axle (right)
10	On/Off switch housing	25	Brake calipers	40	Steering bar
11	Stem tube clamp	26	Disc brake	41	Steering adjustment tube
12	Stem tube	27	Axle	42	Front axle (left)
13	Rear wheel	28	Right foot rest	43	Fuse
14		29	Charging port		
15	Chain guard cover (outer)	30	Right side cover		



ELECTRIC QUAD OWNER'S MANUAL

NOTE: Manual illustrations are for reference purposes only. Illustrations may not reflect the exact appearance of the actual product. Specifications are subject to change without notice.

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Safety and Warnings

WARNING: Riding an electric quad can be a dangerous activity. Certain conditions may cause components to fail without fault of the manufacturer. This quad can and is intended to move and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such a thing does occur you can become seriously injured or die, even when using safety equipment and other safety precautions. **RIDE AT YOUR OWN RISK AND ALWAYS USE COMMON SENSE.**

This manual contains many warnings and cautions concerning the consequences of failing to inspect, maintain or properly use your electric quad. Since any incident can result in serious injury or even death, we do not repeat the warning of possible serious injury or death each time such a possibility is mentioned in this manual.

APPROPRIATE RIDING ATTIRE

Always wear proper protective equipment such as:

- Approved safety helmet. (Helmet may be legally required by local law or regulation in your area.)
- Elbow pads and knees pads
- Long sleeved shirt, long pants
- Gloves
- Lace up shoes with rubber soles, never ride barefooted or in sandals, and insure that shoelaces are tied and kept out of the way of the wheels and drive system.

RIDER USE AND PARENTAL SUPERVISION

RIDER MUST NOT EXCEED THE WEIGHT LIMIT OF 120 pounds (54kg). Rider weight does not always mean a person's size is appropriate to fit or maintain control of the quad.

This manual contains extremely important safety information. It is your responsibility to completely review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure that all riders are able to safely and responsibly use this motorbike. We advise that you periodically review and reinforce all information in this manual with all riders, and that you inspect and maintain your motorbike to insure their safety.

The recommended rider age is 8 years and older. Any rider that is unable to fit comfortably on the quad should never attempt to ride it. A parent's decision to allow their child to use this motorbike should be based on the child's maturity, skill and their ability to follow rules.

Do not touch the motor or brakes on the quad when in use or directly after use as these parts can become extremely hot.

Keep this quad away from small children and remember that it is intended for use only by persons who are, at a minimum, completely competent and comfortable while operating this product.

RIDING PRACTICES AND CONDITIONS

Check and obey any local laws or regulations which may affect the locations where the electric quad may be used.

Always ride defensively. Watch out for obstacles that could catch your wheel or force you to turn suddenly or lose control. Be careful to avoid pedestrians, other wheeled products (such as skaters, skateboards, scooters, bikes, etc.), children or animals who may enter your path. Always respect the rights and property of others.

Do not activate the throttle on the hand grip unless you are on the quad and in a safe, outdoor environment that is suitable for riding.

Do not attempt or perform stunts or tricks on this electric quad. This product is not made to withstand abuse from jumping, curb grinding or any other type of misuse or stunts.

Troubleshooting

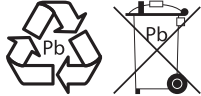
Problem	Possible Cause	Solution
Quad will not run.	Battery is not charged.	Fully charge the battery. First charge should be 14 hours and up to 10 hours for recharges.
	Wires or connectors are loose or unplugged.	Check to ensure that charger is tightly plugged into both the wall and the quad.
Quad run time is short.	Battery requires charging.	Fully charge the battery. First charge should be 14 hours and up to 10 hours for recharges.
		Check to ensure that battery charger is tightly plugged into both the wall and the quad.
	Battery will not accept full charge.	Make sure power flow to the wall outlet is on.
		Battery may need to be replaced. Even with proper care, rechargeable batteries do not last forever. The average rechargeable battery life is 1 to 2 years depending on quad conditions and use. Replace only with Pulse replacement batteries.
	Brakes are not correctly adjusted.	Refer to the instructions on adjusting the brakes on page 8.
	Rear tire is not properly inflated.	Refer to tire inflation instructions on page 5.
Quad suddenly stops working.	Automatic overload cutoff.	An excessive overload (steep incline or too heavy of a rider) may have caused the controller to automatically cut off power. If this occurs, turn the ATV off and wait 15 seconds before turning back on.
	Blown fuse.	An excessive overload (steep incline or too heavy of a rider) may have caused the motor to overheat and blown the fuse. If fuse replacement is necessary, contact customer service for support. Check all wires and connectors to make sure they are connected and tight.
Quad makes grinding or loud noises when motor is running.	Chain is dry.	Apply a lubricant to the chain.
Quad runs sluggishly.	Brakes are not correctly adjusted.	Refer to the instructions on adjusting the brakes on page 8.
	Quad is overloaded.	Make sure you do not overload the quad by exceeding the 120 lbs. (54kg.) maximum weight limit, going up steep inclines or towing objects behind the quad, Avoid overloading the quad as this will prematurely wear out the batteries and componentry.
	Unsuitable riding conditions.	Ride only on solid, flat, clean and dry surfaces such as pavement or level ground.
	Tires are not properly inflated.	Refer to tire inflation instructions on page 5.

Repair and Maintenance

WARNING: RISK OF FIRE. Do not bypass the blade fuse. Replace only with manufacturer replacement parts.

Battery Care and Disposal

Do not store the battery in temperatures above 70°F (21°C) or below 32°F (0°C).



THIS MOTORBIKE CONTAINS SEALED LEAD ACID BATTERIES WHICH MUST BE RECYCLED IN ACCORDANCE TO YOUR LOCAL AND STATE LAWS. PLEASE CAREFULLY READ AND UNDERSTAND THE FOLLOWING DISPOSAL INSTRUCTIONS:

Disposal: This product contains sealed lead acid batteries which must be disposed or recycled in an environmentally safe manner. Do not dispose of the batteries in your household trash. Do not dispose of the batteries in a fire, this could cause the batteries to leak or explode. The incineration, disposal in landfill and or placing sealed lead acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a state or federal approved lead acid battery recycler or check with your local retailer of vehicle batteries.

! WARNING: Make sure to wash your hands after handling batteries as they contain lead compounds.

! WARNING: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

Do not store the battery in temperatures above 70°F (21°C) or below 32°F (0°C).

Safety and Warnings

To reduce the risk of injury, adult supervision is required. Never use in roadways, near motor vehicles, on or near steep inclines or steps, swimming pools, or other bodies of water.

Maintain a hold with both hands on the handlebars at all times.

Never allow more than one person at a time to ride the quad.

Keep your fingers and other body parts away from the chain, motor, steering system, wheels and all other moving components.

Never ride while using a cell phone or wearing headphones.

Never hitch on to or with another vehicle or pull anyone or anything.

Never immerse the quad in water; electrical and drive components could be damaged by water or create other possible unsafe conditions.

Ride only on flat, dry surfaces such as pavement or level ground without loose debris, such as sand, leaves, rocks or gravel. Water, mud, ice, bumpy, uneven, slick, or rough surfaces could impair traction and contribute to possible loss of control. Avoid excessive speeds that can occur from downhill rides which could cause loss of control.

Do not ride at night or in areas of limited visibility.

Do not ride indoors or on surfaces that could become damaged such as carpet or flooring.

Before each cycle of operation, the operator shall perform the preoperational checks specified by the manufacturer; that all guards and pads originally supplied by the manufacturer are in proper place and in serviceable condition.

That any and all axle guards, chain guards, or other covers or guards supplied by the manufacturer are in place and in serviceable condition.

Persons with the following conditions shall be cautioned not to operate: Those with heart conditions, pregnant women, persons with head, back, or neck ailments, or prior surgeries to those areas of the body. Persons with any mental or physical conditions that may make them susceptible to injury or impair their physical dexterity or mental capabilities to recognize, understand, and perform all of the safety instructions and to be able to assume the hazards inherent in unit use.

Maximum operating speed is 7 MPH (11 KM/H).

Before each ride the following checks will need to be performed to the electric quad:

- Ensure that the brake system is functioning properly.
- That all components are properly secured and are functioning according to manufactures specifications.
- Components shall be maintained and repaired in accordance with the manufacturers authorized replacement parts with installation performed by dealers or other skilled individuals.

USING THE BATTERY CHARGER

The battery charger should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, if any is found, the quad should not be charged until the battery charger has been repaired or replaced.

Use only with the supplied battery charger.

Always use caution when charging.

The battery charger is not a toy and should be operated by an adult.

Never operate battery charger near flammable materials or liquids.

Disconnect the battery charger and unplug from quad when not in use.

Do not exceed recommended charging time.

Always disconnect the battery charger from the quad prior to wiping down and cleaning with any liquid.

FAILURE TO HEED TO THE WARNINGS LISTED ABOVE INCREASES RISK OF POTENTIAL SERIOUS INJURY. USE THE APPROPRIATE CAUTION WHEN RIDING AND ALWAYS WEAR PROTECTIVE GEAR.

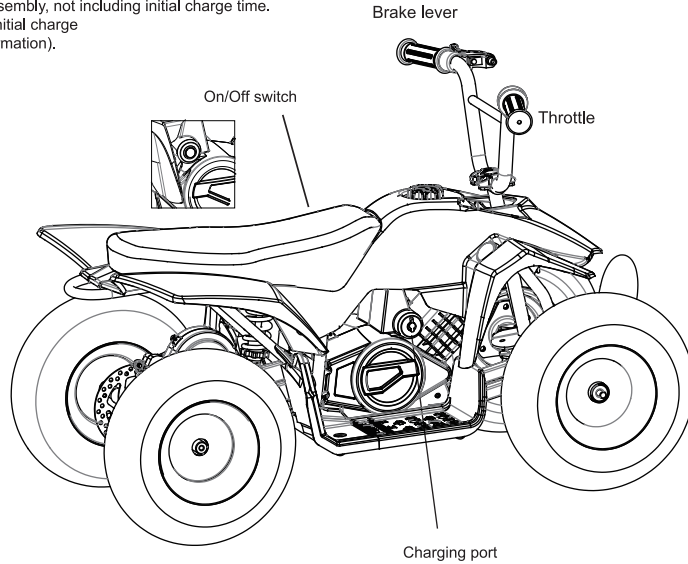
Before You Start

WARNING: Remove all packing and items from the display box. Make sure that the power switch is turned "OFF" before assembling the quad.

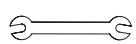
NOTE: the ATV Quad is to be assembled by an adult.

Estimated Assembly Time

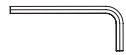
- Allow up to 15 minutes for assembly, not including initial charge time.
- Allow up to 14 hours for the initial charge (see page 6 for charging information).



Required Tools



10mm/8mm wrench (included)
19mm wrench (included)



5mm hex wrench (included)



6mm hex wrench (not included)



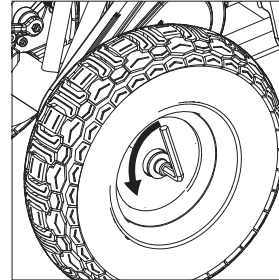
Phillips screwdriver

Repair and Maintenance

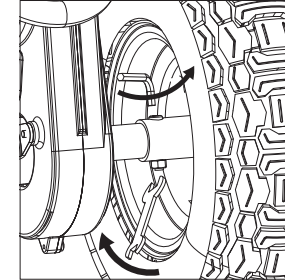
WARNING: Turn the power switch "OFF" before conducting any maintenance procedures.

Replacing the Chain

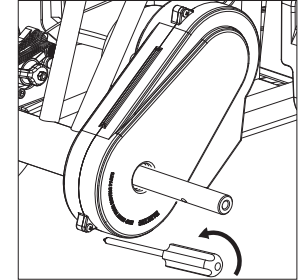
Tools required: 5mm hex wrench, 6mm hex wrench, 10mm wrench, Phillips head screwdriver



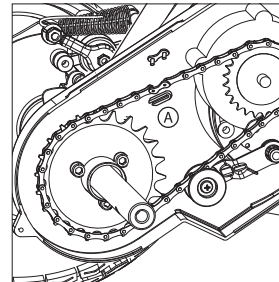
1. Remove the rear right side axle bolt hardware with a 6mm hex wrench.



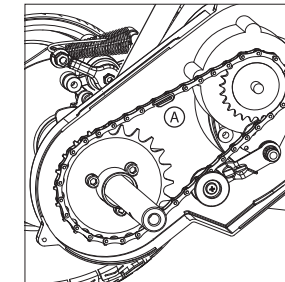
2. Remove the thru axle bolt on the inside of the wheel with a 5mm hex wrench and 10mm wrench.



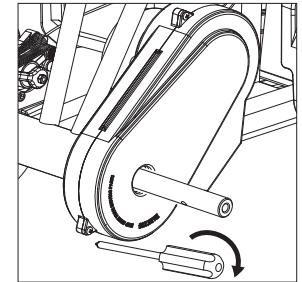
3. Uncrew the 3 chain guard screws with a Phillips head screwdriver and remove the chain guard cover.



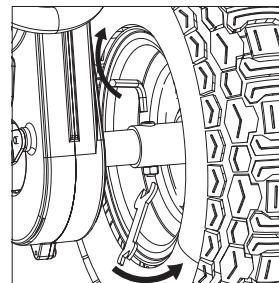
4. Locate and remove the master link clip (A) and slide out the master link from the chain. Remove the entire chain.



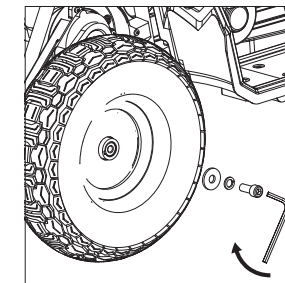
5. Install new chain around the gears and reinstall the master link. Secure the link with the master link clip (A).



6. Reinstall the chain cover and secure it using the 3 screws and a Phillips head screwdriver. Do not overtighten the screws.



7. Reinstall the axle thru bolt and tighten securely with a 5mm hex wrench and 10mm wrench.



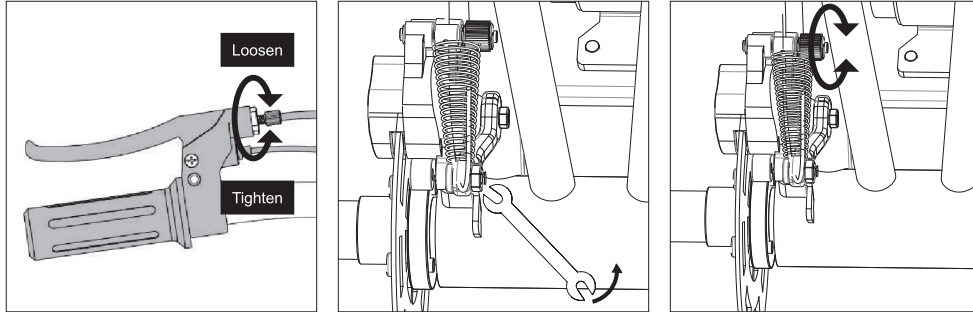
8. Install the axle bolt hardware with a 6mm hex wrench. Tighten securely.

Repair and Maintenance

WARNING: Turn the power switch "OFF" before conducting any maintenance procedures.

Adjusting the Brakes

Tools required: 10mm wrench



1. To adjust the brake cable, turn the adjuster barrel on the brake lever clockwise (loosen) or counter clockwise (tighten). Only turn the barrel in small increments until the desired adjustment is reached. If brake continues to need further adjustment proceed to the next step.

2. If the brake cable is still either too tight or too loose, use a 10mm wrench to loosen the brake cable pinch bolt for further adjustment on the cable. Ensure that the 10mm nut is securely tightened after the adjustment is made.

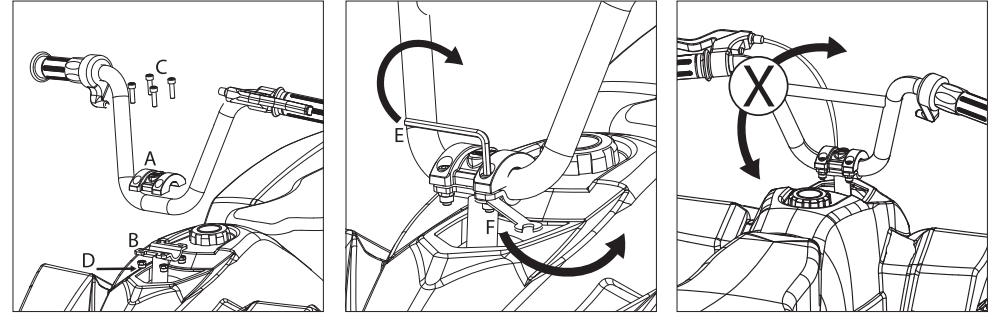
3. If the brake cable is adjusted correctly but there is brake rub (brake contacts rotor even when brake lever is not engaged) you can adjust the centering of the brake caliper on the rotor by turning the brake adjustment knobs clockwise (away from wheel) or counter clockwise (towards wheel). Rotate rear wheels by hand while adjusting knob until wheels spins freely.

WARNING: The brake could be capable of locking up and skidding the rear wheels if not applied correctly. Always try to avoid skidding as this could cause you to lose control of the quad and will cause damage to the rear tires. Practice using the brake in an unobstructed open area to become familiar with its function to make smooth controlled stops.

Assembly

Handlebar Assembly

Tools required: 5mm hex wrench, 10mm wrench



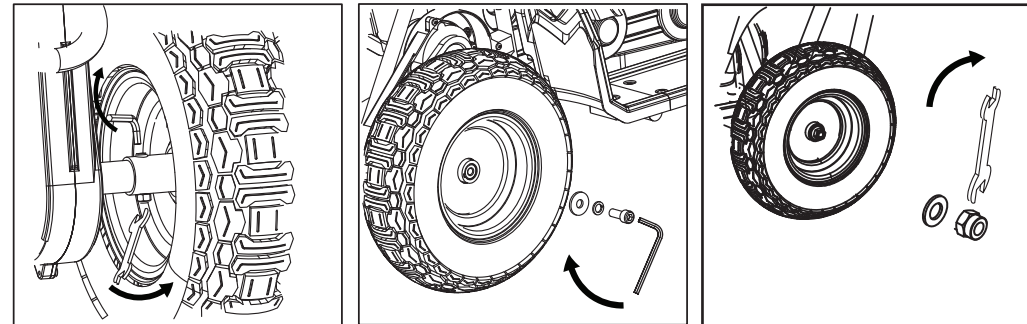
1. Align handlebars vertically and horizontally onto clamps (A&B). Install the 4 clamp bolts (C) and lock nuts (D) and hand tighten.

2. Tighten bolts evenly and securely with a 5mm hex wrench (E) and 10mm wrench (F).

3. Check to ensure handlebars are tight by applying pressure before riding, handlebars should not move backwards or forwards.

轮胎安装

Tools required: 8-10mm wrench, 19mm wrench, 5mm hex wrench, 6mm hex wrench



1. Reinstall the axle thru bolt and tighten securely with a 5mm hex wrench and 10mm.

2. Install the axle bolt hardware with a 6mm hex wrench. Tighten securely.

3. 将六角螺母和垫片旋上前轮轴，然后用19mm开口扳手锁紧。

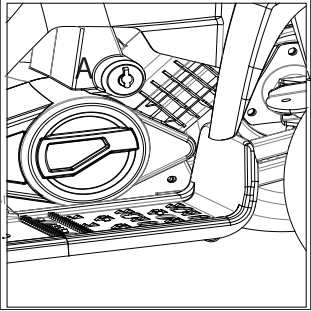
Assembly

Charging the Battery

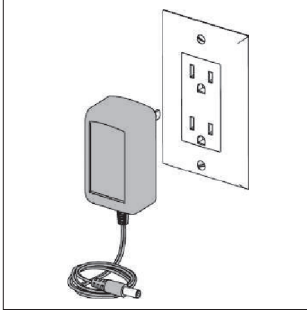
WARNING: Battery must be fully charged before you ride your electric quad.

Required components: battery charger

- Initial battery charge time - 14 hours
- Recharges after initial charge - up to 10 hours
- When quad is not in regular use batteries need to be charged on a monthly basis to maximize performance



1. Make sure power switch is in the OFF position before plugging in the charger. Insert charger into charging port (A) on the right side of the battery box.



2. Plug the battery charger into a wall power outlet. The light on the charger housing should illuminate. Red LED light indicates battery is charging and a green LED light indicates battery is fully charged.

WARNING: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC instruction for Battery charger:

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.

NOTE: This equipment has been tested and found to comply with the limits 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.

WARNING: Do not use this product for the first time until you have charged the battery for at least 14 hours. Failure to follow these instructions may damage your product and void your warranty.

Note: Do not store the battery in temperatures above 70° F (21° C) or below 32° F (0° C).

Note: The charger has a small window with one LED light that indicates the charge status. Refer to the illustration on the charger unit for the actual "charging" and "charged" status indication. Your charger may get warm during use; this is normal and is no cause for concern.

Note: Batteries must be recharged at least once a month even when the quad is not in use. Failure to do so may result in batteries that will no longer accept a charge.

Hardware Maintenance

Brake

Check the brakes for proper function. When you squeeze the lever, the brake should provide positive braking action. When you apply the brake with the throttle engaged, the brake cut off switch should stop the motor. Make sure that the brakes are not rubbing when the lever is not being applied.

Frame, Fork and Handlebars

Check for cracks or broken connections. Although broken frames are rare, it is possible for aggressive rider to run into a curb or wall and bend or break a frame. Get in the habit of inspecting your quad on a regular basis.

Tires

Periodically inspect the wheels for excess wear.

Safety Gear

Always wear proper protective gear such as an approved safety helmet. Elbow pads and knee pads are recommended. Always wear athletic shoes (lace up shoes with rubber soles), never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

Battery

Make sure the power switch is turned off whenever the quad is not in use. Never store the product in freezing or below freezing temperatures! Freezing will permanently damage the battery.

Before You Ride

Before you ride always check and for the following:

Safety Gear

Always wear proper protective gear such as:

- Approved safety helmet. (Helmet may be legally required by local law or regulation in your area.)
- Elbow pads and knees pads
- Long sleeved shirt, long pants
- Gloves
- Lace up shoes with rubber soles.

Brake

Check the brakes for proper function. When lever is squeezed it should slow/stop the rear wheel without excessive effort. When you apply the brake with the throttle on, the brake cut off switch should stop the motor. Make sure that the brakes are not rubbing when the lever is not being squeezed. Do not ride the quad if the brakes are not functioning properly; refer to page 8 for proper brake adjustment.

Throttle

Make sure that before throttle is twisted that you are in an open and safe area to ride, you are balanced on the quad and have both hands on the handlebar controls.

Tires

Inspect the wheels for excess wear and replace if necessary.

Frame, Fork and Components

Always carefully inspect your quad before you ride. Check for cracks, broken worn or loose components which should be repaired or replaced before you ride.

Battery

Always make sure the power switch is in the "off" position whenever the quad is not in use. Never store the product in freezing or below freezing temperatures. These low temperatures will permanently damage the battery.

WARNING: Always ensure that you are in a safe open area to ride before you engage the throttle. Never twist the throttle without being on the quad in a balanced, ready to ride position with both hands on the handlebar controls.

Failure to follow these instructions may damage your quad and void your warranty.