

# ELECTRIC MINI ATV

E-GA08



## OWNER'S MANUAL

**THIS ATV IS DESIGNED FOR KIDS  
AGED 6+ YEARS OF AGE KIDS**

## KIDS RIDE ON MINI ATV QUAD BIKE



**MESSAGES DEAR PARENTS / SUPERVISING ADULTS:** We've provided this owner's manual to assist you and your children / young operators in learning about safe operation and care of your new ATV. A ATV is not a toy and can be hazardous to operate. Make sure any child who will operate the ATV takes a training course before operating the ATV. Make sure all operators understand and follow all of the instructions and warnings contained in this owner's manual. Never allow a child under the age of 12 to operate an ATV without adult supervision. Children differ in skills, physical abilities and judgement. Some children may not be able to operate an ATV safely. Permit continued use only if you determine that your child / young operator has the ability and maturity to operate the ATV safely. For your child's / young operator's safety, be sure your child / young operator can reach and operate all ATV controls, including handlebars, brake levers, throttle lever and engine stop switch. The preventive maintenance program outlined in this manual is designed to ensure that all critical components on your child's / young operator's ATV are thoroughly inspected at specific intervals.

**⚠ WARNING**

**Improper ATV use can result in SEVERE INJURY or DEATH.**



**ALWAYS USE  
AN APPROVED  
HELMET AND  
PROTECTIVE GEAR**



**NEVER USE  
ON PAVED  
ROADS**



**NEVER CARRY  
PASSENGERS**



**NEVER USE  
WITH DRUGS  
OR ALCOHOL**

**NEVER operate:**

- without proper training or instruction.
- at speeds too fast for your skills or the conditions.
- on public roads—a collision can occur with another vehicle.
- with a passenger—passengers affect balance and steering and increase risk of losing control.

**ALWAYS:**

- use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns.
- avoid paved surfaces—pavement may seriously affect handling and control.

**LOCATE AND READ OWNER'S MANUAL. FOLLOW ALL INSTRUCTIONS AND WARNINGS.**

## SAFETY

### OPERATING WITHOUT INSTRUCTION

Operating this vehicle without proper instruction increases the risk of an accident. The operator and the supervising adult must understand how to operate the vehicle properly in different situations and on different types of terrain.


All operators must read and understand this owner's manual and all warning and instruction labels before operating the vehicle. Never allow a guest to operate this vehicle until the guest has read this manual and all product labels.




### AGE RESTRICTIONS

This vehicle is for recreational use by young operators under adult supervision ONLY. Operation is prohibited for anyone under 6 years of age.



 <b>WARNING</b>
Operation of this ATV by children under the age of 6 increases the risk of severe injury or death. Adult supervision required for children under age 16. <b>NEVER</b> permit children under age 6 to operate this ATV.

 <b>WARNING</b>
Never operate this ATV on HILLS <b>steeper than 15 degrees</b> . To prevent overturn on hilly terrain, use throttle and brakes gradually and shift weight uphill. REVERSE operation can be dangerous even at low speeds. Steering becomes difficult. To prevent loss of control, avoid sudden braking or sharp turns.

## SAFETY

### FAILURE TO INSPECT BEFORE OPERATING

Failure to inspect and verify that the vehicle is in safe operating condition before operating increases the risk of an accident. Always inspect the vehicle before each use to make sure it's in safe operating condition.

Always follow the inspection and maintenance procedures and schedules described in this owner's manual.

### PROTECTIVE APPAREL

Operating this ATV without wearing an approved helmet increases the risk of a serious head injury in the event of an accident. Operating without eye protection could increase the chance of a serious injury in the event of an accident. Always wear an approved helmet that fits properly.

Always wear eye protection (goggles or face shield), gloves, boots, a long-sleeved shirt or jacket and long pants.



### CARRYING A PASSENGER

Carrying a passenger greatly reduces the operator's ability to balance and control the ATV, which may result in an accident or overturn. Never carry a passenger on this ATV.



## OPERATING ON PAVEMENT

Operating an ATV on paved surfaces (including sidewalks, paths, parking lots and driveways) may adversely affect the handling of the ATV and could result in loss of control and accident or overturn.

Avoid operating the ATV on pavement. ATV tires are designed for off-road use. If it's unavoidable, travel slowly and avoid sudden turns or stops.

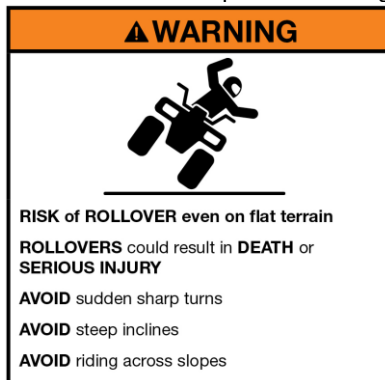


## OPERATING ON PUBLIC ROADS

Operating this ATV on public streets, roads or highways could result in a collision with another vehicle. Never operate the ATV on any public street, road or highway, including dirt and gravel roads. In many states it's unlawful to operate ATVs on public streets, roads and highways.



**OPERATING ON STEEP HILLS** Operating on excessively steep hills could cause an overturn. Never operate on hills too steep for the ATV or for your abilities. Never operate the ATV on hills steeper than 15 degrees.



**CROSSING HILLSIDES** Driving on a sidehill is not recommended. Improper procedure could cause loss of control or overturn. Avoid crossing the side of any hill unless absolutely necessary. If crossing a hillside is unavoidable, always follow proper procedures as described in the owner's manual. Never attempt to turn the ATV around on any hill until you've mastered the turning technique (on level ground)



## OPERATING IN UNFAMILIAR TERRAIN

Failure to use extra caution when operating on unfamiliar terrain could result in an accident or overturn. Unfamiliar terrain may contain hidden rocks, bumps, or holes that could cause loss of control or overturn.

Travel slowly and use extra caution when operating on unfamiliar terrain. Always be alert to changing terrain conditions.



## OPERATING ON SLIPPERY TERRAIN

Failure to use extra caution when operating on excessively rough, slippery or loose terrain could cause loss of traction, loss of control, accident or overturn.

Do not operate on excessively rough, slippery or loose terrain until you've learned and practiced the skills necessary to control the ATV on such terrain. Always use extra caution on rough, slippery or loose terrain.



## SAFE RIDING GEAR

Always wear the right kind of clothing and safety gear when riding your ATV.

- ① A helmet
- ② Eye protection
- ③ Long sleeve shirt
- ④ Gloves
- ⑤ Long pants
- ⑥ Over-the-ankle boots



## **INTRODUCTION**

Thank you for purchasing this mini ATV. The proper care and maintenance that your vehicle requires is outlined in this manual. Following these instructions will ensure a long trouble-free operating life of this vehicle and your satisfaction with it.

The owner's manual corresponded to the latest state of this vehicle at the time of printing. Slight deviations resulting from continuing development and design can, however, not be completely excluded. All specifications are non-binding, we reserve the right to modify or delete technical specification, parts, design, etc... without prior notice.

**WARNING:** Riding an electric mini ATV can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric vehicles, the Mini 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 things occur you can be seriously injured or die, even when using safety equipment and other precautions. **RIDE AT YOUR OWN RISK AND USE COMMON SENSE.**

This manual contains many warnings and cautions concerning the consequences of failing to maintain, inspect or properly use your mini ATV. Because 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.

### **APPROPRIATE RIDER USE AND PARENTAL SUPERVISION**

This manual contains important safety information and use tips to help you and your child operate and handle the mini ATV. Carefully read the manual in its entirety together with your child before letting your child ride it for first time. The manual also contains important information on servicing the vehicle.

It is your responsibility to review the manual and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure that the riders are able to safely and responsibly use this product and protect your child from injury. We recommend that you periodically review and reinforce the information in this manual with your child, and that you inspect and maintain your children's vehicle to insure their safety.

**It is important and necessary to conduct the technical training for your child before first use. To get the training information, please contact the dealer who you purchase the vehicle from. Before your child complete the training, do not let your child use this vehicle.**

Children often underestimate or fail to recognize the dangerous situation, you should make it clear to your child that should not, under any circumstances, operate the vehicle without supervision and that your child may only drive at speed that are commensurate with the child's riding ability and other road condition.

**A parent's decision to allow his or her child to ride this vehicle should be based on the child's maturity, skill and ability to follow rules.**

**DO NOT EXCEED THE WEIGHT LIMIT OF 135LBS ( 60KGS).** Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the mini ATV

**Do not touch the brakes or motor on your vehicle when in use as they can become very**

**hot.**

Refer to the following section on safety for additional warnings.

## **ACCEPTABLE RIDING PRACTICES AND CONDITIONS**

**Always check and obey any local laws or regulations which may affect the locations where the vehicle may be used.**

Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful to avoid pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.

The mini ATV is meant to be used on private property and on closed courses and not on public streets or sidewalks. Do not ride your mini ATV in any areas where pedestrian or vehicle traffic is present.

Do not activate the speed control on the hand grip unless you are on the MINI ATV and in a safe, outdoor environment suitable for riding.

This product was manufactured for performance and durability but are not impervious to damage. Jumping or other aggressive riding can over-stress and damage any product, including the Mini ATV, and the rider assumes all risks associated with high-stress activity.

Be careful and know your limitations. Risk of injury increases as the degree of riding difficulty increases. The rider assumes all risk associated with aggressive riding activities.

Never carry passengers or allow more than one person at a time to ride the electric mini quad.

Never use near steps or swimming pools.

Never use alcohol or drugs before or while operating

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

Never use headphones or a cell phone when riding.

Never hitch a ride with another vehicle.

Do not ride the vehicle in wet or icy weather and never immerse the electric mini quad in water, as the electrical and drive components could be damaged by water or create other possibly unsafe conditions.

Wet, slick, bumpy, uneven or rough surfaces may increase risks of use. Do not drive the electric four wheeler in mud, ice, puddles or water. Avoid excessive speeds that can be associated with downhill rides. Never risk damaging surfaces such as carpet or flooring by use of an electric four wheeler indoors.

Do not ride at night or when visibility is limited.

## **PROPER RIDING ATTIRE**

Always wear proper protective equipment such as an approved safety helmet, elbow pads and kneepads. A helmet may be legally required by local law or regulation in your area.

A long-sleeved shirt, long pants and gloves are recommended. Always wear athletic shoes, never drive barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

## **USING THE CHARGER**

The charger supplier with the vehicle should be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such a damage, the bike must not be charged until the charger has been repaired or replaced.

Use only with the recommended charger.

Use caution when charging.

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

Do not operate charger near flammable materials.

Unplug charger and disconnect from bike when not in use.

Always disconnect from the charger prior to wiping down and cleaning the vehicle with liquid.

**FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES RISK OF SERIOUS INJURY. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.**

## **BEFORE YOU BEGIN**

Remove contents from box. Remove the foam separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents or kinked cables that may occur during shipping. Because the product was 85 percent assembled and packed at the factory, there should not be any problems, even if the box has a few scars or dents.

**MAKE SURE KEY SWITCHES IS TURNED “ OFF” BEFORE CONDUCTING ANY PROCEDURES.**

### **Estimated Assembly and Set-Up Time**

We recommend assembly by an adult with experience in motorbike or bicycle mechanics.

Allow up to 30-40 minutes for assembly, not including initial charge time.

Allow up to 12 hours for initial charge.

## **Inflating the Tires**



**NOTE:** The 6" rear tires are inflated when shipped, but they invariably lose some pressure between the point of manufacturing and your purchase. Always inflate the tires to the correct PSI before first time use.

**Please read the specification sheet to get the information of tire pressure.**

Using a bicycle-style tire pump to inflate the tire to the PSI indicated on the sidewall of the tire.

**Note:** The pressurized air supplies found at gasoline stations are designed to inflate high-volume automobile tires. If you decide to use such an air supply to inflate your tires, first make sure the pressure gauge is working, then use very short bursts to inflate to the correct PSI. If you inadvertently over-inflate the tire, release the excess pressure immediately.

## **Important information of use guider for tire**

**Note:** Tire is the only contact between the vehicle to the road, the safety of various driving activity depends on the small area of tire where contact with the road. Therefore, it is very



important to keep the tire in good condition any time and use the correct size and standard tire to replace the old ones.

#### **Guide:**

#### **Tire assembly and disassembly**

It is strongly recommended that the tire assembly and disassembly should be done by an authorized technician with necessary skills.

#### **Tire inflating pressure**

It is very important to keep the tire in proper pressure and check the tire pressure before use. The inflating should be done while the tire is cold.

#### **Tire maintenance**

Tire tread depth should be checked regularly.( Shallower tread means less grip of tire). You must stop to use the vehicle if the tire is pierced, disassemble the tire and check it carefully. Tire maintenance should be done by an authorized technician. Tire should be replaced immediately when it is distorted or damaged.

#### **Tire replacement**

It is important to use the correct size and standard tire as per our specification (see details in technical specification sheet)

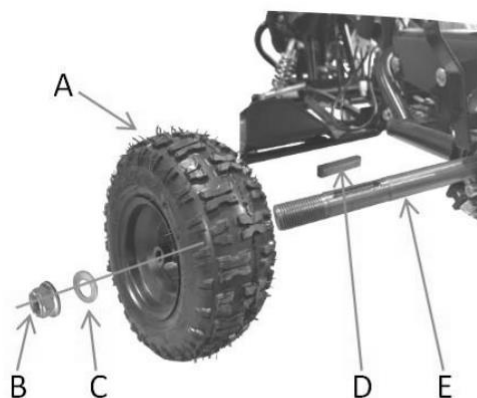
Don't use the used tire if you are not sure its previous service condition.

#### **Tire aging**

Tire aging is unavoidable even the tire is not ever used or just used a few times. Tire aging is mainly reflected in the cracked section on side of tire and tire tread, sometimes the tire is distorted as well. The used and aged tire should be checked and confirmed if it is ok to use again by an authorized technician

### **Assembly illustration and instruction**

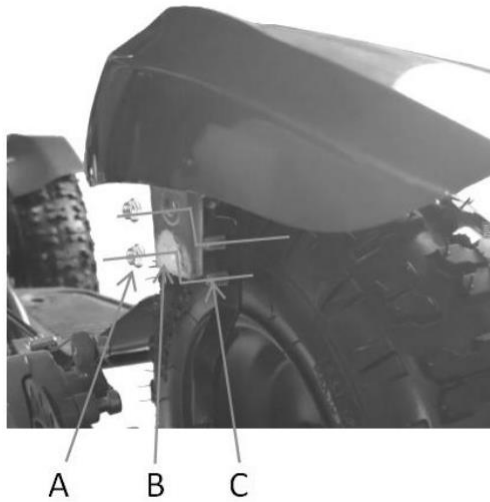
#### **一、 ASSEMBLE REAR WHEEL**



1. Put the pin(D) into the groove on the axle.
2. Fix the wheel(A) through the axle.
3. Mount the spring washer (C) and then tighten the nut(B) securely with 22mm open end wrench

- A. Rear wheel
- B. Nut M14 2pcs
- C. Washer  $\Phi 14$  2pcs
- D. Pin 2pcs

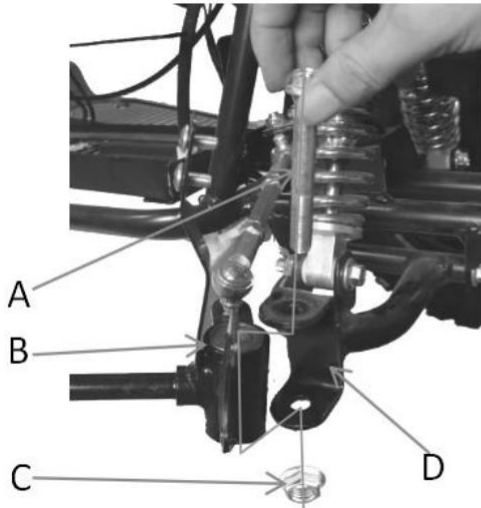
## 二. ASSEMBLE MUDGUARD



1. Assemble the mudguard(B) on the support strap with screw M6\*16(C).
2. Tighten the nut(A) securely with open end wrench.

- A. Nut M6 2pcs
- B. Mudguard 4pcs (2pcs left/2pcs right)
- C. Bolt M6\*16 2pcs

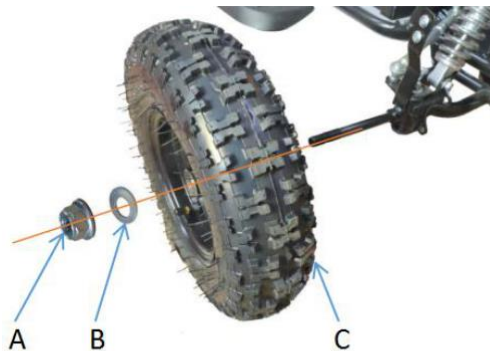
## 三. ASSEMBLE WHEEL SUSPENSION



1. Put the front wheel suspension (B) into the front swing arm joint, align the bearing hole to the joint upper and bottom hole
2. Mount the bolt (A) through the hole and twist the nut (C),tighten it securely with wrench.

- A. Bolt M10\*70 2pcs
- B. Wheel suspension left and right
- C. Nut M10 2pcs
- D. Swing arm

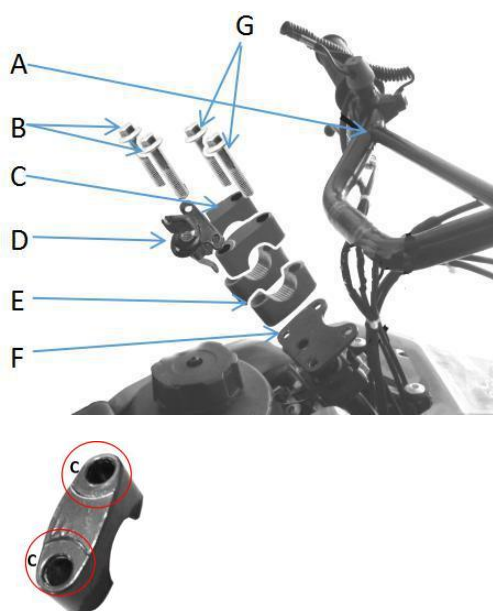
## 四. ASSEMBLE FRONT WHEEL



1. Put the front tyre (C) on the axle,the tyre inflator is outward.
2. Tighten washer (B) 和 nut (A) with wrench.

- A. Nut M10 2pcs
- B. Washer  $\Phi 10$  2pcs
- C. Front wheel

## 五.ASSEMBLE HANDLE BAR



1. Put the bottom clamp(E) on the steering rod plate(F) with the screw hole in alignment, and place the handlebar (A) in the bottom clamp, then cover the upper clamp (C) on the handlebar and install the 2pcs bolt (G).Put the key switch (D) on the the upper clamp (C) and install the 2pcs bolt (B).
2. Place the handlebar in the upright and vertical position, then tighten all the bolts securely with 10mm socket spanner.

A. Handle bar  
BG. Bolt M8X504pcs  
C.Upper Clamp(upper clamp is irregularity,like as picture)  
D.Key switch  
E. Bottom clamp  
F. Steering rod bracket  
B.

## TECHNICAL SPECIFICATION SHEET

Motor	350W 24V
( OPTIONAL )	500W36V
( OPTIONAL )	800W 36V
Battery	2x 12V 12A lead acid battery
Transmission	Chain drive
Rear suspension	mono shock absorber
Tyre	front 4.10-6 with 7.00 P.s.i. operation pressure and 20 P.s.i. Max. inflate , rear 13.00 x 5-6 with 7.00 P.s.i. operation pressure and 20 P.s.i Max. inflate .
Brake system	rear disc brake
Rated loading capacity	60KG
Max. speed	20KM/hour

## BEFORE RIDING

### Charging the Battery

Your electric mini ATV may not have a fully charged battery; therefore it is a good idea to charge the battery prior to use.

- Initial charge time: 12 hours
- Run time: up to 45minutes
- Average battery life: 120 charge/discharge cycles
- Recharge time: *Always* remember to turn the power switch off and recharge for at least 9 hours after each use. When vehicle is not in regular use, recharge battery at least once a month until normal use is resumed. If you have left the power switch on or your product has not

been charged for a long period of time the battery may reach a stage at which it will no longer hold a charge.

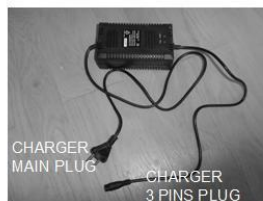
**WARNING:**

Always disconnect your electric mini ATV from the charger before cleaning with liquid.

The charger has a small window with two LEDs to indicate the charge status. Red LED means the battery is in charging and Green LED means the battery is full charged. Chargers have built-in over-charge protection to prevent battery from being over-charged.

**Be sure to properly align the groove on the charger input port with the corresponding socket on the Mini Quad and tighten threads; otherwise, no charging action will occur.**

Plug the charger main plug into the wall outlet



Align the groove (Poka-Yoke) of the charger's 3 pins plug into the ATV's charger connector.

Tighten the plug to secure the contact.

**Warning:** Failure to recharge the battery at least once a month may result in a battery that will no longer hold a charge.

## PRE-RIDE CHECKLIST

☐ **Loose Parts**

Check and secure all fasteners before every ride. Make sure steering stem clamp bolts are locked properly in place. There should not be any unusual rattles or sounds from loose parts or broken components. If you are not sure, ask an experienced mechanic to check.

☐ **Brake**

Check the brake for proper function. When you squeeze the lever, the brake should provide positive braking action. When you apply the brake with the speed control on, the brake cut-off switch will stop the motor.

☐ **Frame, Fork and Handlebars**

Check for cracks or broken connections. Although broken frames are rare, it is possible for an aggressive driver to bash into a curb or wall and wreck and bend or break a frame. Get in the habit of inspecting yours regularly.

☐ **Tire Inflation**

Periodically inspect the tires for excess wear, and regularly check the tire pressure and re-inflate as necessary. If you get a flat tire, the inner tube can be patched or a new tube can be purchased from Razor or an authorized repair center.

#### ☐ **Safety Gear**

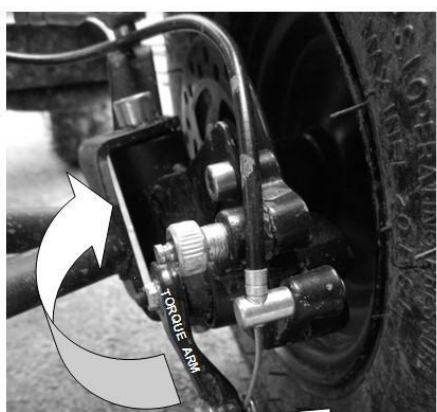
Always wear proper protective equipment such as an approved safety helmet, elbow pads and kneepads. Always wear shoes (lace-up shoes with rubber soles), never drive barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system

## **REPAIR AND MAINTENANCE**

**Turn power switch off before conducting any maintenance procedures.**

#### ☐ **Adjusting the Brake**

**WARNING:** The brake is capable of causing the electric mini quad to skid the tire throwing an unsuspecting rider. Practice in an open area free from obstacles until you are familiar with the brake function. Avoid skidding to a stop as this can cause you to lose control or damage the rear tire.



CABLE CLAMP

#### ☐ **Chain and Sprocket**

The chain will typically have a "loose spot" and "tight spot" corresponding with a particular sprocket rotational position. This is normal and common to all chain-driven vehicles due to run-out tolerances of the freewheel and sprocket. Proper chain alignment must be maintained. If the chain is noisy or rough running, check the lubrication, tension and alignment of the sprockets, in that order. The tensioner arms must be aligned and free from binding and the tensioner spring(s) must be operating correctly. Loosen the nut, hold the cable in position and adjust the torque arm by rotating it according to the tightening requested, tight the nut with 10mm spanner when it's

#### **Warning:**

**To avoid a pinch or injury, keep fingers away from moving sprockets and chain**

#### ☐ **Battery Care and Disposal**

Do not store the battery in temperatures above 75° F or below -10° F.



CONTAINS SEALED LEAD BATTERY. BATTERY MUST BE RECYCLED.

**Disposal:** Your product uses sealed lead-acid batteries which must be recycled or disposed of in an environmentally sound manner. Do not dispose of a lead-acid battery in a fire. The battery may explode or leak. Do not dispose of a lead-acid battery in your regular household trash. The incineration, land filling or mixing of sealed lead-acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lead-acid battery recycler or a local seller of automotive batteries.

#### **Warning:**



If a battery leak develop, avoid contact with the leaking acid and place the damaged battery in a plastic bag. Refer to the disposal instructions above, if acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

**Warning:**

Battery posts, terminals and related accessories contain lead and lead compounds.

**Wash hands after handling.**

**❑ Charger**

The transformer/charger supplied with the product should be regularly examined for damage to the cord, plug, enclosure and other parts, and, in the event of such damage, the Mini Quad must not be charged until it has been repaired or replaced.

Use ONLY with the recommended charger.

**WARNING:** To avoid a pinch or injury, keep fingers away from moving sprockets and chain.

**WARNING:** If a battery leak develops, avoid contact with the leaking acid and place the damaged battery in a plastic bag. Refer to the disposal instructions as above. If acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

## **TROUBLESHOOTING GUIDE**

<b>Problem</b>	<b>Possible cause</b>	<b>Solution</b>
Vehicle does not run.	Undercharged battery.	Charge the battery. A new battery should have been charged for at least 12 hours before using the vehicle for the first time and up to 8 hours after each subsequent use.
		Check all connectors. Make sure the charger connector is tightly plugged into the charging port, and that the charger is plugged into the wall.
		Make sure power flow to wall outlet is on.
	Charger is not working.	You may check to see if your charger is working by using a volt meter or asking the authorized service center to test your charger for you.
Vehicle was running but suddenly stopped.	Loose wires or connectors.	Check all wires and connectors to make sure they are tight.
	Burned-out fuse.	The fuse will burn out and automatically shut off the power if the motor is overloaded.
		An excessive overload could cause the motor to overheat. Refer to replacing the fuse instructions of this manual. Correct the conditions that caused the fuse to burn out and avoid repeatedly burning out fuse.
	Motor or electrical switch damage.	Contact the authorized service center for diagnosis and repair.

Short run time less than 15 minutes per charge	Undercharged battery	Charge the battery. A new battery should have been charged for at least 12 hours before using the vehicle for the first time and up to 8 hours after each subsequent use.
		Check all wires and connectors. Make sure the battery connector is tightly plugged into the charger connector, and that the charger is plugged into the wall.
		Make sure power flow to the wall outlet is on.
	Battery is old and will not accept full charge.	Even with proper care, a rechargeable battery does not last forever. Average battery life is 1 to 2 years depending on vehicle use and conditions. Replace only with a replacement battery.
	Brakes are not adjusted properly	Refer to brake adjustment instructions.
Vehicle runs Sluggishly.	Driving conditions are too stressful.	Use only on solid, flat clean and dry Surfaces such as pavement or level ground.
	Tires are not properly Inflated.	The tires are inflated when shipped, but They invariably will lose some pressure Between the point of manufacturing and your purchase. Refer to tire instructions to properly inflate tires.
	Vehicle is overloaded.	Make sure you do not overload the vehicle by allowing more than one rider at one time, exceeding the maximum weight limit, going up too steep a hill or towing objects behind the vehicle. If the vehicle is overheated, the temperature circuit protector will slow motor down and if the condition continues, will shut off power to the motor. Correct the driving conditions that caused the overheating, wait 5-10 minutes and then resume riding. Avoid repeatedly overheating the unit.
Sometimes the vehicle doesn't run, but other times it does.	Loose wires or connectors	Check all wires around the motors and all connectors to make sure they are tight.
	Motor or electrical Switch damage.	Contact the authorized service center for diagnosis and repair.
Charger gets warm During use	Normal response to Charger use	No action required. This is normal for some Chargers and is no cause for concern. If your charger dose not get warm during use, it does not mean that it is not working properly.
Vehicle does not Stop when applying the brake.	Brakes are not adjusted properly	Refer to brake instructions to properly adjust Brakes.
Vehicle makes loud noises or grinding sounds	Chain is too dry	Apply a lubricant to the chain.

