

Electric Dirt Bike



OWNER'S MANUAL

Read and understand this entire manual before using!

NOTE: Manual illustrations are for demonstration purposes only.

Illustrations may not reflect exact appearance of actual product.

Specifications subject to change without notice.

OFF ROAD USE ONLY!!!

**NEVER OPERATE THIS VEHICLE IF YOU ARE
UNDER AGE 8!!!**

Adult supervision required for riders under 16.

Never carry a passenger or allow more than one rider at a time.

INTRODUCTION

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

WARNING:

This vehicle should **ONLY BE USED** in closed off areas remote from public road traffic.
Never permit children under age **8** to operate this vehicle.
Adult's supervision is required for children under age **16**.

The owner's manual reflects the latest information available at the time of printing. Slight deviations resulting from continuing development and design can, however, not be completely avoided. SSR reserves the right to make changes at any time without notice and without incurring any obligation.

Riding this vehicle can be a hazardous activity. Balance and skill is required for safe operation. Be sure to only ride at speeds where you can maintain full control of the vehicle, to avoid losing control or falling off. Motorcycle riding has inherent risks, even for this mini dirt bike, and no amount of care, instruction or expertise can completely eliminate these risks. Ride carefully to avoid possible serious injury.

WARNING:

Always wear a helmet and appropriate protective equipment, such as elbow pads, gloves and kneepads. Always ensure the helmet chinstrap is securely fastened.
RIDE AT YOUR OWN RISK AND USE COMMON SENSE.

APPROPRIATE RIDER USE AND PARENTAL SUPERVISION

This manual contains important safety information and usage tips to help you and your child operate and handle the mini dirt bike and avoid dangerous situations. Carefully read the manual in it's entirety together with your child before letting your child ride it for first time.

The manual also contains important information on servicing and maintaining 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 to reduce the chance of injury. We recommend that you periodically review and reinforce the information in this manual with your child, and that you inspect and maintain the vehicle to insure safe operation. **The recommended rider age of 8 years and up** is only an estimate, and can be affected by the rider's size, weight or skills. Any rider unable to fit comfortably on this vehicle should not attempt to ride it. Do not exceed the load limit.

It is important and necessary to conduct riding training before allowing any child to ride. Your dealer may be able to assist with this training or refer you to a qualified instructor.

Children may not recognize dangerous situations. You should make it clear to them that they must not, under any circumstances, operate the vehicle without adult supervision. Ensure that they only ride:

- On terrain that is within their skill and comfort level

- At speeds that are consistent with their skill and comfort level
- Under conditions that are safe and consistent with their skill and comfort level

Some hills might be too steep for the riders abilities, while others might be too steep for the motorcycle's capability, regardless of your own skill level.

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.

Keep this product away from small children younger than age 8 and remember that this product is intended for use only by persons who are, at a minimum, completely comfortable and competent while operating the vehicle

Do not exceed **100lbs (45kg)** total weight on this vehicle. Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of this vehicle.

Do not touch the brake rotors/calipers, drive chain/sprocket or electric motor on your bike when in use as they can become very hot.

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 objects that could cause or force you to swerve suddenly or lose control. Always be ready to apply the brakes. 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.

This vehicle is meant to be used only in controlled environments free of potential traffic hazards and not on public streets or sidewalks. Do not ride your vehicle in any areas where pedestrians or product traffic is present.

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

The vehicle was manufactured for performance and durability but it is not impervious to damage. Jumping or other aggressive riding can over-stress and damage any product, including this vehicle, 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.

Keep both hands on the handlebars at all times.

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

Never use near steps or swimming pools.

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 or tow another vehicle.

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

The vehicle is intended for use on flat, level ground without loose debris such as rocks or gravel. Wet, slick, bumpy, uneven or rough surfaces may impair traction and contribute to possible accidents. Do not ride the vehicle in mud, ice, puddles or water. Avoid excessive speed that can be associated with downhill rides. Never risk damaging surfaced such as a carpet or flooring by use of the vehicle in doors.

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.

LOCATION OF WARNING STICKER



Warning
Label

⚠ WARNING

-  **NEVER** operate this vehicle if you are under age 8
Adult supervision and instruction is required to
operate this vehicle if you are under age 16

-  **NEVER** ride as a passenger.
Passengers can cause a loss of control, resulting in
SEVERE INJURY or DEATH

-  **NEVER** use on public roads.
OFFROAD use only.

● HAND DRIVE CONTROLS



ATTENTION:

STOP riding and charge the battery once the indicator turn into red and yellow light only

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 mostly 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 SWITCH IS TURNED “OFF” BEFORE CONDUCTING ANY PROCEDURES. Do not insert the key until assembly is complete.

Estimated Assembly and Set-Up Time

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

Allow between 30-40 minutes for assembly.

Allow up to 12 hours for initial charge.

Required Tools

Some tools may be supplied; however, we recommend the use of mechanic's grade tools, especially for the initial setup. The supplied tools are intended for occasional use.

The list of tool required is as follows

- Open end wrench 10mm / 13mm/ 17mm / 22mm
- Allen wrench 5mm / 6mm / 8mm

Assembly illustration and instruction

ASSEMBLY HANDLEBAR

Caution: Failure to properly adjust and tighten the bolts that affix the handlebar can cause you lose control and crash.



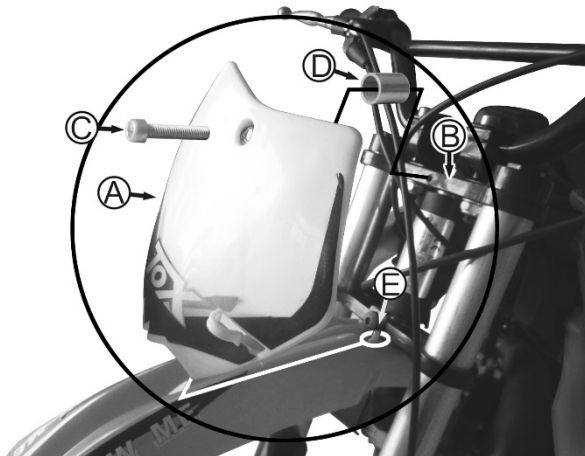
1. place the handlebar (A) in the bottom clamp, then cover the upper clamp (B) on the handlebar and install the 4pcs bolt (C)
2. Place the handlebar in the upright and vertical position, then tighten all the bolts securely with 10mm socket spanner.

A: handlebar

B: upper clamp

C: bolt M8X25 4pcs

ASSEMBLY FRONT FENDER ASSEMBLY NUMBER PLATE



1. Insert the number plate (A) onto the two pegs on the front fender (E)
2. Install the bolt (C), bushing (D) into the upper triple clamp (B) and tighten the bolt with 10mm socket
3. A: number plate
B: upper triple clamp
C: bolt M6x25
D: bushing 8x1.0x15
E: pegs on front fender

INFLATING THE TIRES



NOTE: The tires are inflated when shipped, but it is normal for them to lose some pressure over time. 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 recommended pressure.

Do **NOT** inflate to the maximum pressure indicated on the sidewall of the tire.

Note: The pressurized air supplied at gas stations are designed to inflate high-volume automobile tires. If you use this type of compressed air to inflate your motorcycle tires, be careful and make sure the pressure gauge is working. Use very short bursts to inflate the tire, and if you inadvertently over-inflate the tire, release the excess pressure immediately.

Important Tire information

Note: Tires are the only contact between the vehicle and the ground. Replace worn/damaged tires and check your tires for damage and excess wear regularly to ensure safe and trouble free operation. When replacing tires, always use the correct size. Consult with your SSR dealer.

It is strongly recommended that the tire assembly and disassembly should be done by a qualified technician with necessary skills and tools.

Tire aging/weathering

Tire aging is unavoidable even the motorcycle is not ridden frequently. The rubber may oxidize and crack over time. If the tire appears to be cracking, consult your SSR dealer or motorcycle tire shop to determine if it's time to replace one or both tires.

BEFORE RIDING

Charging the Battery

Always charge the battery before use.

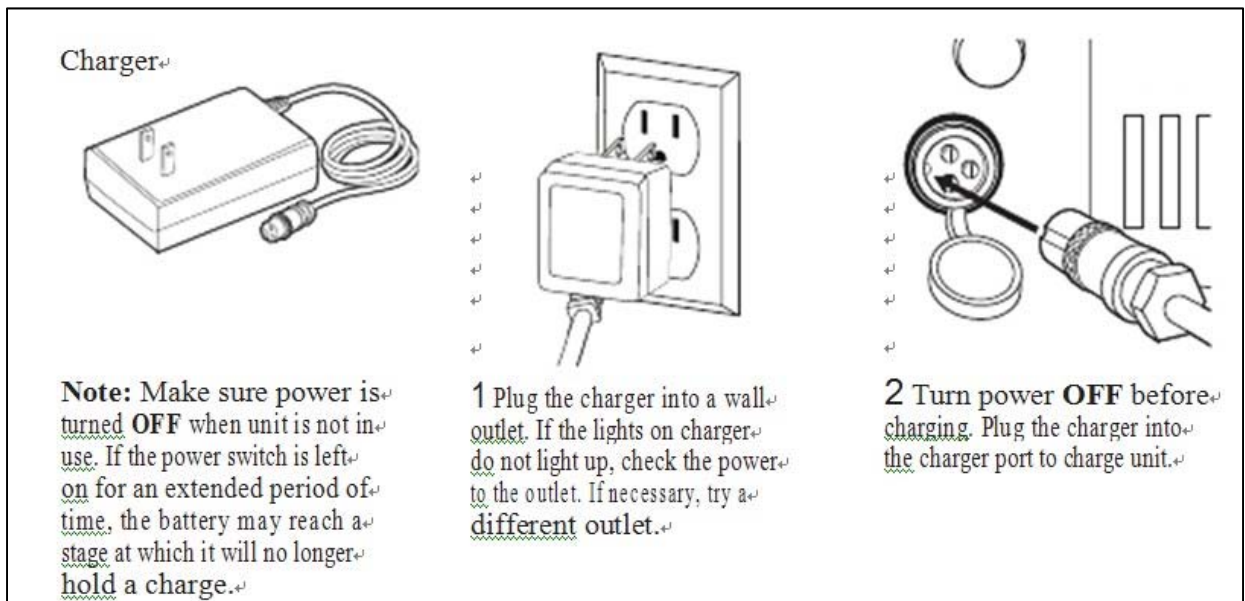
- Initial charge time: 4-6 hours
- Run time: up to 30 minutes of continuous ride time at MAX speed, run time may vary depending on riding conditions. Ride conservatively (at slower speeds) to extending your riding time.
- Average battery life: 120 charge/discharge cycles. To ensure long battery life, do not store the batteries in temperature above 75° or below -10° F
- Recharge time: *Always* remember to turn the power switch off and recharge for at least 4 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 accept or hold a charge.

WARNING: Rechargeable batteries are only to be charged under adult supervision. Always disconnect your electric motor bike from the charger before cleaning with any liquid.

NOTE: Chargers have built-in over charge protection to prevent battery from being over charged. It is common for the charger to become warm during use and is no cause for concern. If your charger does not get warm during use, it does not necessarily mean that it is not working.

The charger has a small window with LED 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 vehicle and tighten threads; a proper connection is needed for effective charging.



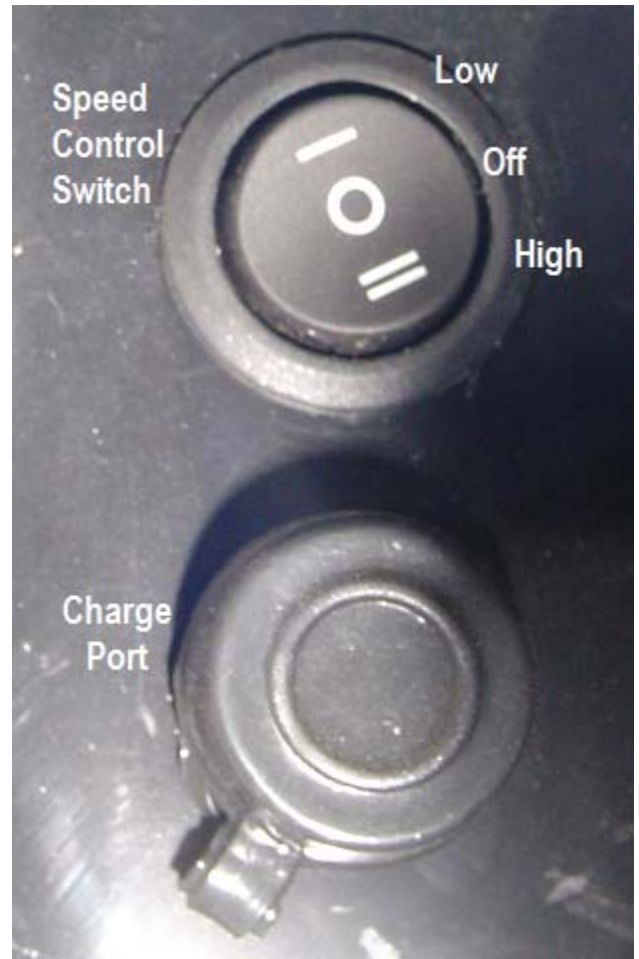
Warning: Failure to recharge the battery at least once a month may result in a battery that will no longer accept or hold a charge.

Speed Control Switch

The SRZ800 is equipped with a speed control system to allow adults to limit the speed of the vehicle for the rider's skill and experience.

There are three switch positions. LOW/OFF/HIGH

It is recommended to begin riding in low speed mode. Once the rider becomes more confident and is ready to ride in full power mode, move the switch to the HIGH position.



SAFETY REMINDERS

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 front and rear brakes for proper function. When you squeeze the lever, the brake should provide positive braking action.

Frame, Fork and Handlebars

Check for cracks or broken connections. Although broken frames are rare, impact with solid objects such as wood, large rocks, curbs or walls can cause stress to the suspension, frame and/or welds. Inspect your frame and suspension regularly for cracks, bending or other signs of damage. Make it a habit to check before every ride and during the ride if you come into contact with any solid objects that may have resulted in damage. If you notice any damage, stop riding and consult your dealer.

Tire Inflation

Periodically inspect the tires for excess wear, and regularly check the tire pressure and re-inflate as necessary. If the tire becomes punctured, the inner tube can be repaired or a new tube can be installed.

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

ATTENTION

We recommend checking all tightened parts after the first time use. Special attention should be paid to the following parts:

- Footrests
- Shock absorber
- Engine bolts and nuts
- Rear sprocket
- Handlebars and upper clamp

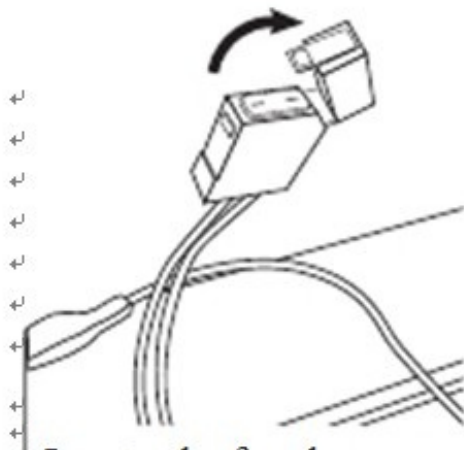
TECHNICAL SPECIFICATION SHEET

Motor type	800W 36VDC
Rated speed	2700rpm
Rated torque (N.m)	1.9
Battery	3 x 12V 12A lead acid battery
Charger	100-240V/50-60 Hz/2A
Non-load input current	≤115mA
Maximum motor current controller output	28A±2A
Under voltage protection value	20.5A±0.5A
Rated current:	19 A
Transmission	Chain drive
Front suspension	Hydraulic fork
Rear suspension	Hydraulic shock absorber
Tire	front & rear 2.50-10 15-20 psi depending on terrain
Brake system	front and rear hydraulic disc brake
Rated loading capacity	100lbs (45kg)
Max. speed	16mph (7.5mph in Low speed mode)
Range per charge	up to 9 miles (up to 14km)
Dry Weight	88lbs (40kg)
Dimension (mm)	1350×630×830
Seat height (mm)	615
Min. Ground Clearance(mm)	21mm
Wheelbase (mm)	910mm

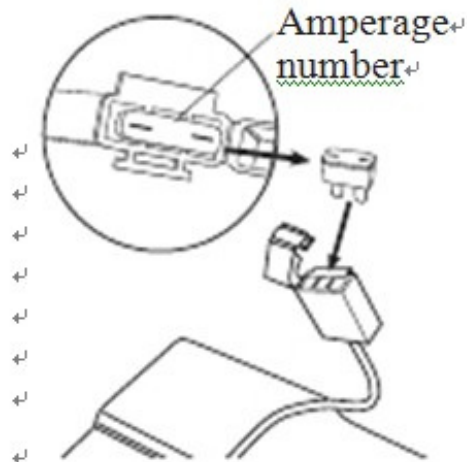
REPAIR AND MAINTENANCE

Turn key switch "OFF" before conducting any maintenance procedures.

Replacing The Fuse



Locate the fuse box attached to the batteries. Open the fuse cover to expose the fuse.



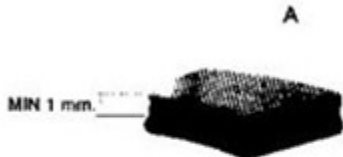
Remove the fuse and replace with a new one of equal amperage. Requires 30 amp fuse. Close the fuse cover and reattach the battery cover.

WARNING:

To prevent shock, please follow above instructions accordingly and do not skip or combine any steps.

Check

To check the wear of front and rear brake pads **A**, simply inspect the brakes calipers as shown in the below picture.



The thickness of the lining on the ends of the four pads should never be less than 1mm.

Should the lining be thinner, immediately replace the brake pads.

We recommend having the brake pads replaced by an authorized dealer or qualified technician.

Warning:

The brake is capable of causing the electric bike 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 stop as this can cause you lose control or damage the rear tire.

Testing the Brakes

To use the brakes, squeeze the lever to increase the pressure on the brake. If either brake is not engaging properly, check with your dealer or a qualified technician. It may be necessary to replace the brake pads or add brake fluid.

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 products due to run-out to tolerance of the free wheel and sprocket. The chain should be adjusted to the ideal tension with chain in the tightest spot.

Proper chain alignment must be maintained. The wheel must be aligned properly, if the chain is noisy or slaps, check the lubrication, tension and alignment of sprockets, in that order.

Warning:

To avoid injury, keep fingers, hands and tools away from moving sprockets and chain.

Battery disposal



Contains Lithium Ion batteries

BATTERIES MUST BE RECYCLED.,

Disposal: Your products use Lithium Ion batteries which must be recycled or disposed of in an environmentally sound manner. Do not dispose of a battery in a fire. Do not dispose of a Lithium battery in your regular household trash. Return exhausted batteries to a federal or state approved battery recycler.

Charger

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

USE ONLY WITH THE RECOMMENDED CHARGER

California Proposition 65 Warning

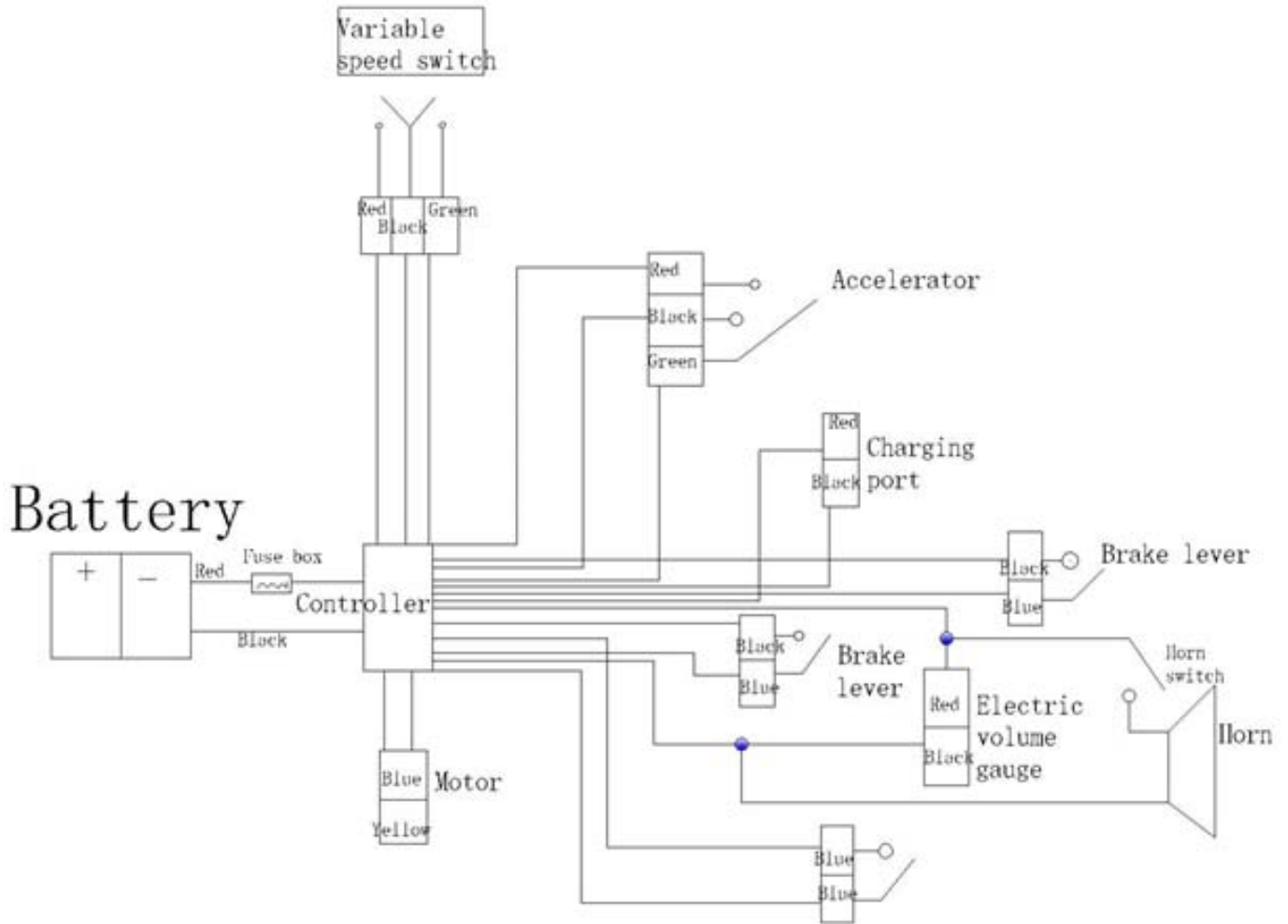
This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

TROUBLESHOOTING GUIDE

Problem	Possible cause	Solution
Vehicle does not run.	Speed Control Switch in OFF position	Select the LOW or HIGH position on the speed control switch.
	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 the correct type of replacement battery.
	Brakes may be dragging.	See your dealer or a qualified technician.

Problem	Possible cause	Solution
Vehicle runs slow or sluggishly.	Speed Control Switch set to LOW position	If higher speed driving is desired, set the Speed Control Switch to HIGH
	Driving conditions are too severe.	Ride on solid, flat and dry surfaces such as packed dirt, grass or other level ground. Avoid wet grass, sand and mud.
	Tires are not properly Inflated.	The tires are inflated when shipped, but it is normal for them to lose some pressure over time. Inflate each tire to the recommended pressure (see page 7).
	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.	See your dealer or a qualified technician.
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 does 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 working properly	See your dealer or a qualified technician.
Vehicle makes loud noises or grinding sounds	Chain is too dry	Apply motorcycle chain lubricant.

CIRCUIT DIAGRAM





Please read the owner's manual before riding.



Never operate this vehicle if you are under age 8.
Adult supervision and instruction is required to operate this vehicle if you are under age 16.



Never use the vehicle on public road. OFF ROAD use only.



Never ride with a passenger.



Always use an approved helmet and protective gear.



NEVER use with drugs or alcohol.



Cold tire pressure.