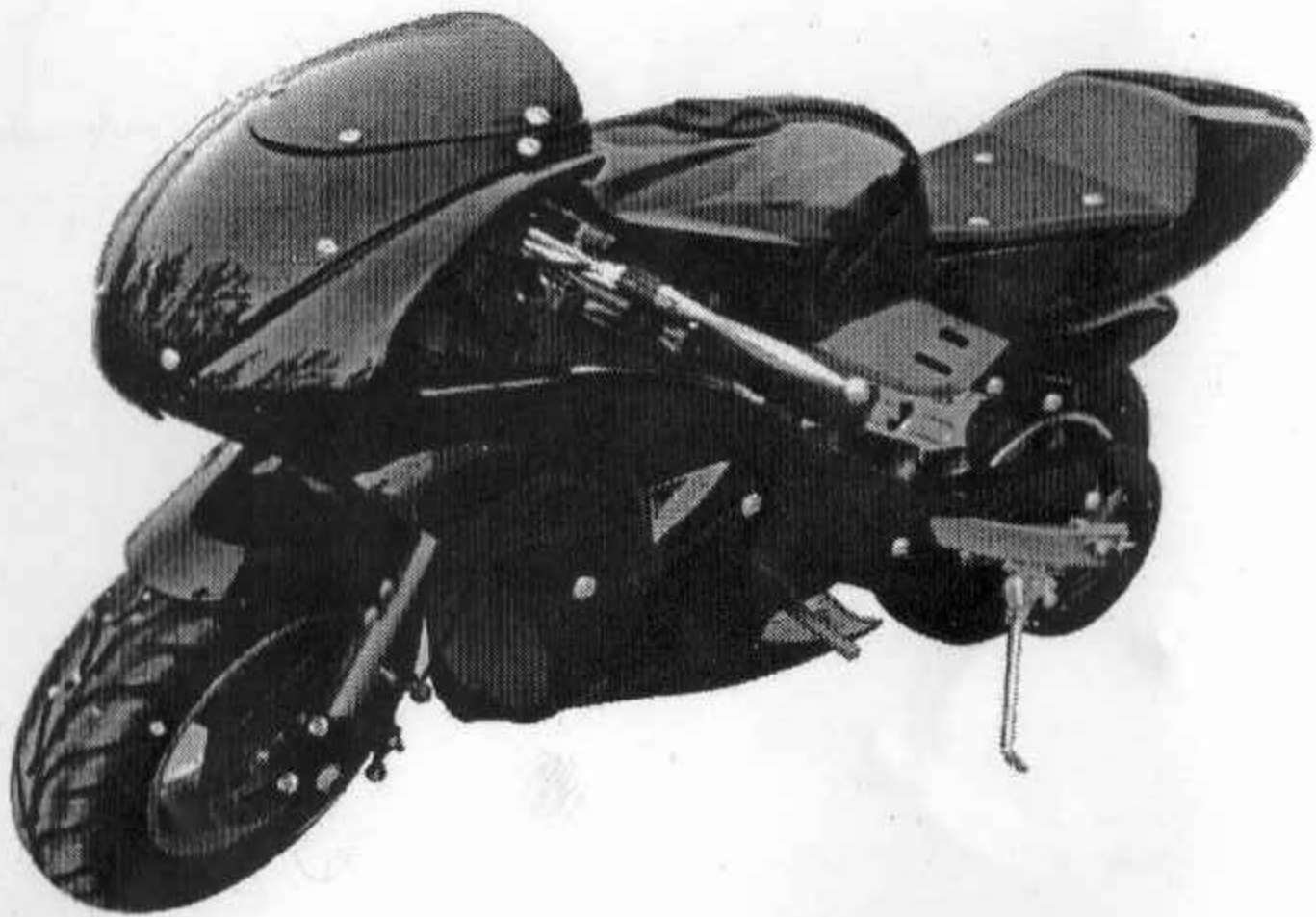


**36v 500w**  
**Mototec pocket bike**



**WARNING**

**CHOKING HAZARD-** Small parts. Not for under 12 year old.

**⚠ WARNING:** Riding an electric motor bike can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric products, the Pocket bike 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 electric motor bike. 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. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure that young riders are able to safely and responsibly use this product. **mototec USA recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your children's product to insure their safety.**

The recommended rider age of 13 years is only an estimate, and can be affected by the rider's size, weight or skills. Any rider unable to fit comfortably on the Pocket bike should not attempt to ride it.

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

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

**DO NOT EXCEED THE WEIGHT LIMIT OF 170 pounds.** Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the Pocket bike

Do not touch the brake or electric motor on your electric motor bike when in use as they can become very hot.

Refer to the 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 Pocket bike 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 Pocket bike 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 electric motor bike 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 electric motor bike and in a safe, outdoor environment suitable for riding.

This motor bike was manufactured for performance and durability but is not impervious to damage. Jumping or other aggressive riding can over-stress and damage any product, including the electric motor bike. 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.

Maintain a hold on the handlebars at all times.

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

Never use near steps or swimming pools.

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

Never use headphones or a cell phone when riding.

Never hitch a ride with another product.

**Do not ride the Pocket bike in wet or icy weather and never immerse the electric motor bike in water, as the electrical and ride components could be damaged by water or create other possibly unsafe conditions.**

**The Pocket bike is intended for use on dry surfaces such as pavement or 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 electric motor bike 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 motor bike 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 (with chin strap securely buckled), 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 (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 ride system.

### USING THE CHARGER

The charger supplied with the electric motor bike should be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, the motor 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 the battery operated product when not in use.

Do not exceed charging time.

Always disconnect from the charger prior to wiping down and cleaning your electric motor bike 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

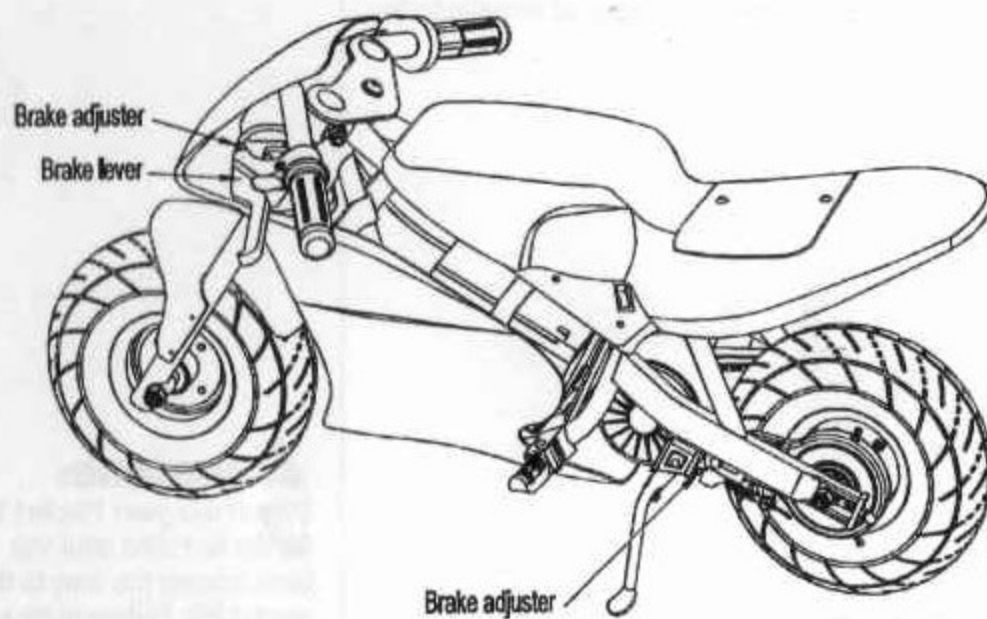
Remove contents from box. Remove the foam separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents or kinked cables that may have occurred during shipping. Because the Pocket bike is 95 percent assembled and packed at the factory, there should not be any problems, even if the box has a few scars or dents.

**MAKE SURE POWER SWITCH IS TURNED "OFF" BEFORE CONDUCTING ANY MAINTENANCE PROCEDURES.**

### Estimated Assembly and Set-Up Time

Moto Tec recommends assembly by an adult with experience in bicycle mechanics. Allow up to 15 minutes for assembly, not including initial charge time. Allow up to 18 hours for initial charge (see page 3 for charging information).

**WARNING:**  
Do not use your Pocket bike for the first time until you have charged the battery for at least 18 hours. Failure to do so may damage your product and void your warranty.



### Required Tools



5mm and 6mm  
hexagonal key wrenches  
(Included)  
2.5 mm hexagonal key  
wrench  
(Not Included)



8mm, 10mm and 17mm  
wrenches  
(Not Included)



Phillips screw driver  
(Not Included)



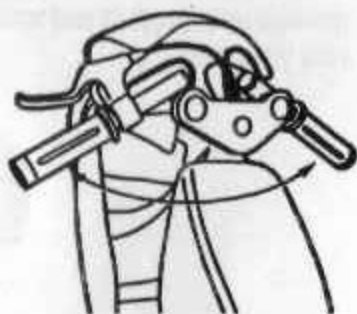
Bicycle-style tire pump for  
Schrader valve tires, with  
pressure gauge  
(Not Included)

For warranty: [www.bigtoysusa.com](http://www.bigtoysusa.com)



## ASSEMBLY AND SET-UP

### □ Attaching the Handlebars



**1** Swing the handlebars outward as shown. You may have to loosen the clamps to allow the bar to pivot on the fork.



**2** Using a 6mm hex key wrench, tighten both the left and right side handlebar clamps by turning the screws clockwise. When properly tightened, the handlebars cannot be twisted out of alignment.

### □ Inflating the Tires

Tires are inflated when shipped, but they invariably lose some pressure between the point of manufacturing and your purchase.

#### Front Tire



**1** Using a bicycle-style tire pump equipped for a Schrader-type valve, inflate the front tire to the PSI indicated on the sidewall of the tire.

#### Rear Tire



**1** Remove valve extender/adapter from right handgrip.

### **⚠ WARNING:**

Failure to properly tighten both sides may cause the handlebars to dislodge while riding and may cause you to lose control and fall. When correctly tightened, the handlebars will not rotate out of alignment under normal circumstances.

### **⚠ WARNING:**

Do not use your Pocket bike for the first time until you have inflated the tires to the correct PSI. Failure to do so may damage your motor bike and void your warranty.

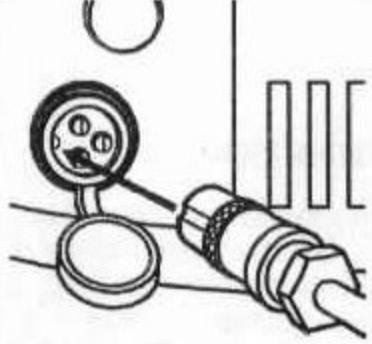
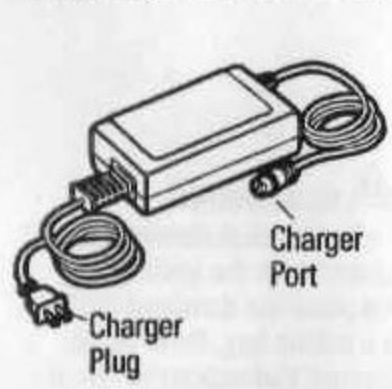
**Note:** The pressurized air supplies found at gasoline stations are designed to inflate high-volume automobile tires. If you decide to use such an air supply to inflate your tires, first make sure the pressure gauge is working, then use very short bursts to inflate to the correct PSI. If you inadvertently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

# ASSEMBLY AND SET-UP

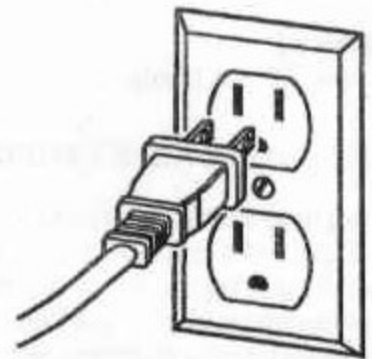
## □ Charging the Battery

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

- Initial charge time: 18 hours
- Recharge time: up to 12 hours, depending on the level of depletion
- Run time: Up to 40 minutes of continuous ride time
- Average battery life: 250 charge/discharge cycles



**1** Plug the charger port into the port on the electric motor bike. The charger works with the power switch in either the on or off position.



**2** Plug the charger plug into a wall outlet.

**⚠ WARNING:**  
Always disconnect your electric motor bike from the charger before cleaning with liquid.

**Note:** If your charger does not look like the one illustrated, your unit has been supplied with an alternative charger. The specifications and charging procedure would not change.

The charger has a small window with one LED or two LEDs to indicate the charge status. Refer to the illustration on the charger unit for the actual "charging" and "charged" status indications for your model charger.

Chargers have built-in over-charge protection to prevent battery from being over-charged.

Charger will get warm during use. 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.

**Be sure to properly align the groove on the charger input plug with the corresponding socket on the case; otherwise, no charging action will occur.**

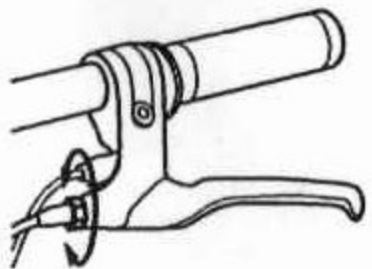
# REPAIR AND MAINTENANCE

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

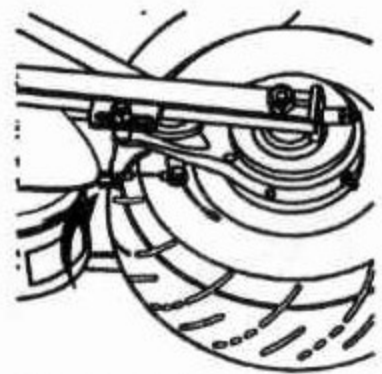
## □ Testing the Brakes

To use the brake, squeeze the lever to increase the pressure on the brake. The brake lever is fitted with a cable adjuster to compensate for cable stretch and/or to fine-tune the lever movement to brake engagement. If brake is not engaging properly, follow instructions for adjusting the brakes outlined below.

## □ Adjusting the Brakes



**1** To adjust the play, thread the brake lever adjuster in or out 1/4 to 1/2 turn until the desired brake adjustment is attained. Most adjustments are complete at this step. If brake still needs further adjustment, proceed to step 2.



**2** If the brake lever adjuster is threaded outward and the brake still has too much slack, use the back brake adjuster at the rear brake for additional adjustment.

**⚠ WARNING:**  
The brake is capable of causing the electric motor 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 a stop as this can cause you to lose control or damage the rear tire.

## REPAIR AND MAINTENANCE

### 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 tolerances of the freewheel 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 not be skewed. If the chain is noisy or rough running, check the lubrication, tension and alignment of the sprockets, in that order.

### Battery Care and Disposal

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



CONTAINS SEALED NON-SPILLABLE LEAD BATTERIES. BATTERIES MUST BE RECYCLED.

**Disposal:** Your mototec 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. If you live in Florida or Minnesota, it is prohibited by law to throw away lead-acid batteries in the municipal waste stream.

### Charger

The transformer/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 Pocket bike must 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 at left. 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 your hands after handling.**



## TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Motor bike does not run	Undercharged battery	<p>Charge the battery. A new battery should have been charged for at least 18 hours before using the motor bike for the first time and up to 12 hours after each subsequent use.</p> <p>Check all connectors. Make sure the charger connector is tightly plugged into the charging port, and that the charger is plugged into the wall.</p> <p>Make sure power flow to the wall outlet is on.</p>
	Charger is not working	You may check to see if your charger is working by using a volt meter or asking your local mototec authorized service center to test your charger for you.
	Loose wires or connectors	Check all wires and connectors to make sure they are tight.
Motor bike was running but suddenly stopped	Tripped circuit breaker	<p>Wait a few seconds and push the breaker to reset the circuit.</p> <p>An excessive overload, such as too heavy a rider or too steep a hill, could cause the motor to overheat. Replace the fuse with a new one of equal amperage. Correct the conditions that caused the fuse to burn out and avoid repeatedly burning out fuse.</p>
	Motor or electrical switch damage	Contact your local mototec authorized service center for diagnosis and repair.
Short run time (less than 30 minutes per charge)	Undercharged battery	<p>Charge the battery. A new battery should have been charged for at least 18 hours before using the motor bike for the first time and up to 12 hours after each subsequent use.</p> <p>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.</p> <p>Make sure power flow to the wall outlet is on.</p>
	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 motor bike use and conditions. Replace only with a mototec replacement battery.
	Brake is not adjusted properly	Refer to brake adjustment instructions on page 4 of this manual.
Motor bike 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 instructions on page 4 of this manual to properly inflate tires.
	Motor bike is overloaded	Make sure you do not overload the motor bike 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 motor bike. If the motor bike 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.

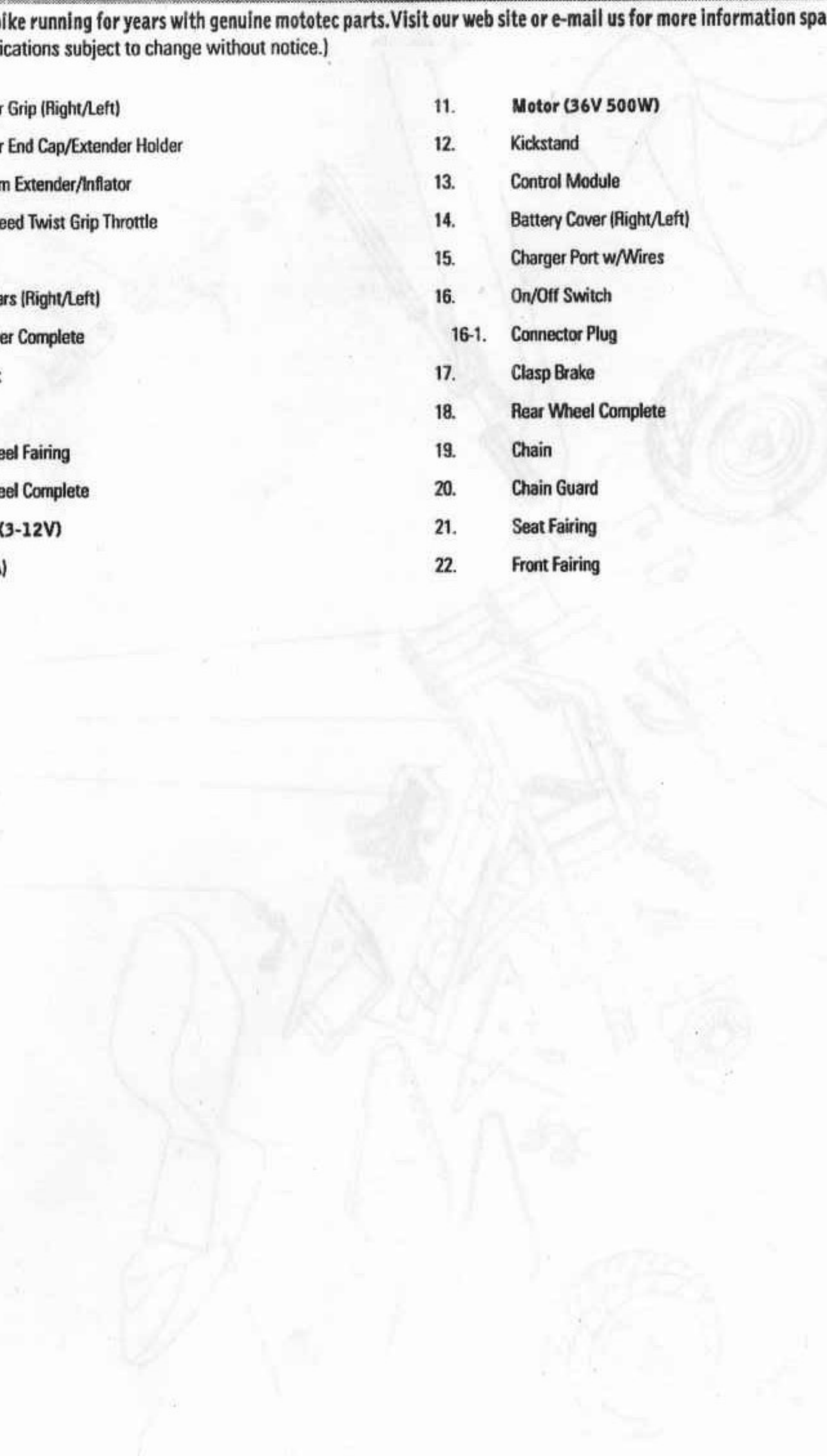
# TROUBLESHOOTING GUIDE

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Sometimes the motor bike 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	<b>Contact your local mototec authorized service center for diagnosis and repair.</b>
Motor bike does not stop when applying the brake	Brake is not adjusted properly	Refer to instructions on page 4 of this manual to properly adjust brake.
Motor bike makes loud noises or grinding sounds	Chain is too dry	Apply a lubricant such as 3 in 1™ or Tri-Flow™ to the chain.



## POCKET ROCKET PARTS

Keep your Pocket bike running for years with genuine mototec parts. Visit our web site or e-mail us for more information spare part availability. (Specifications subject to change without notice.)

- 
1. Handlebar Grip (Right/Left)
  - 1-1. Handlebar End Cap/Extender Holder
  - 1-2. Valve Stem Extender/Inflator
  2. Single Speed Twist Grip Throttle
  - 2-1. Sleeve
  3. Handle Bars (Right/Left)
  4. Brake Lever Complete
  5. Front Fork
  6. Frame
  7. Front Wheel Fairing
  8. Front Wheel Complete
  9. **Battery (3-12V)**
  10. Fuse (30A)
  11. **Motor (36V 500W)**
  12. Kickstand
  13. Control Module
  14. Battery Cover (Right/Left)
  15. Charger Port w/Wires
  16. On/Off Switch
  - 16-1. Connector Plug
  17. Clasp Brake
  18. Rear Wheel Complete
  19. Chain
  20. Chain Guard
  21. Seat Fairing
  22. Front Fairing

# POCKET ROCKET PARTS

