

Important: You must charge your MINIMOTO™ Motocross Bike a minimum of 12 hours before you can use it.

RECHARGE the battery EACH TIME you use it.

TO PROTECT THE LIFE OF THE BATTERY, recharge the battery at least once a month.

FOLLOW ALL SAFETY RULES AND SET UP INSTRUCTIONS IN THIS MANUAL THOROUGHLY. FAILURE TO DO SO MAY VOID YOUR WARRANTY.

DO NOT RETURN THE MINIMOTO™ Motocross Bike TO THE STORE! IF YOU ARE MISSING PARTS OR NEED ASSISTANCE, PLEASE CONTACT US TOLL-FREE:

1-800-434-6178

8 AM TO 7 PM CST,

Monday through Friday,

(excluding holidays)

OR contact us by:

email at:

customerservice@teamminimoto.com

TOYQUEST[®]
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SKU#15573

www.toyquest.com



MINIMOTO™

XRF 500
MOTOCROSS BIKE
ELECTRIC POWERED BIKE

15573

Toy Quest

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15573 1.0(03/22)
15573 1.2(04/09)
15573 1.3(04/29)
15573 1.4(06/07)

Conforms to ASTM F963. Colors and content may vary.

**36
VOLT**

**RECHARGEABLE
BATTERY
CHARGER INCLUDED**



MINIMOTO™

**INSTRUCTION
MANUAL**

IMPORTANT!
Read completely before
attempting to ride

**500
WATT
MOTOR**

**UP TO
15 MPH***

**XRF 500
MOTOCROSS BIKE
ELECTRIC POWERED BIKE**

Please read this manual and save it with your original sales receipt.

Tools needed for assembly (included): Three Allen Keys, One Wrench, and one Detachable Screwdriver.

Use only with included: One 36 Volt Lead-Acid Rechargeable Battery,
three Ignition Keys and one Battery Charger.

(Protective equipment not included)

*On level surfaces
with normal loads.

TOY QUEST®
A QUALITY COMPANY
SKU#15573

MINIMOTO™ MOTOCROSS BIKE

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◊ MINIMOTO™ MOTOCROSS BIKE ◊

MINIMOTO MOTOCROSS BIKE™ Owner's manual and safety instructions

Carefully read this manual completely before operating your electric MINIMOTO™ MOTOCROSS BIKE. Keep this manual in a safe place for future reference. Be sure you thoroughly understand how to operate the components of your MINIMOTO™ MOTOCROSS BIKE.

NOTE: Throughout this manual there are many "WARNINGS". Be sure to read and understand all of these "WARNINGS". Please pay extremely close attention to these areas as serious injury or even death may result in failing to do so.

Warning: This vehicle is a serious machine and should be treated with respect when riding it, working on it, or simply being near it.

This vehicle can obtain speeds that only qualified riders of the proper age, size, and maturity should attempt. That decision rests entirely on the observation and discretion of the direct supervising adult.

IMPORTANT!!! Before we begin:

Like any two wheeled vehicle, riding the MINIMOTO™ MOTOCROSS BIKE can be extremely hazardous. It is your responsibility to follow this manual for the proper set up, inspection, riding procedure, protective gear required, and rules of the road to reduce the risk of serious injury.

The age recommendation is only an estimate. If the rider is too small, too large, or too old to comfortably fit on the MINIMOTO™ MOTOCROSS BIKE, he/she should not attempt to ride it. The MINIMOTO™ MOTOCROSS BIKE is not designed for or intended to be used by anyone under the age of 10.

Keep away from small children.

WARNING:

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; always wear shoes, and never allow more than 1 rider.

FOR WEBSITE INFORMATION
OR REGISTRATION AND CUSTOMER
SERVICE GO TO
www.teamminimoto.com

◊ MINIMOTO™ MOTOCROSS BIKE ◊

WARNINGS:

This product is meant for outdoor use only and only on private property. Never ride your MINIMOTO™ MOTOCROSS BIKE on public streets, alleys, or other public roads or thoroughfares. It must never be ridden in any area that could potentially do harm to humans, animals, or property damage.

Never ride around the vicinity of small children who may enter your path.

Special notes for supervising adults of the rider:

- 1) The decision to allow a rider to ride the MINIMOTO™ MOTOCROSS BIKE must be done with the permission of a directly supervising adult. The directly supervising adult must read and follow all of the contents of the owners manual before making this decision.
- 2) The rider must have previous experience in riding two wheeled vehicles without training wheels before attempting to ride the MINIMOTO™ MOTOCROSS BIKE. It is the responsibility of the supervising adult to ensure the rider has the qualification, physical ability, and training before allowing them to attempt to ride the bike.
- 3) The MINIMOTO™ MOTOCROSS BIKE is never to be ridden indoors. Indoor flooring and carpets can be damaged from abrasive contact with the tires. The manufacturer will not be responsible for any indoor damage if the MINIMOTO™ MOTOCROSS BIKE is used in this manner.
- 4) The MINIMOTO™ MOTOCROSS BIKE is designed to run on off-road surfaces. Grass, packed dirt, and moderate off-road terrain are ideal riding surfaces by persons over the age of 10.
- 5) The rider of a MINIMOTO™ MOTOCROSS BIKE should always wear protective footwear. Open-toed shoes should never be allowed. Keep shoe laces and pant legs away and clear of the wheels.
- 6) The rider must wear a safety helmet, elbow and kneepads to avoid injury if falling. Failure to wear a standard approved helmet may result in serious personal injury or death. It is also highly recommended to wear eye protection while riding.
- 7) The MINIMOTO™ MOTOCROSS BIKE is never to be ridden by more than one person at a time. In addition, it is not designed to pull or tow anything behind it as it may result in serious damage to the motor or internal parts. Do not exceed the maximum capacity of 200 lbs (90 kg).
- 8) The MINIMOTO™ MOTOCROSS BIKE cannot be used on wet surfaces or in wet weather. Never immerse any part of the MINIMOTO™ MOTOCROSS BIKE in water. Moisture can damage the motor, switches, and drive components.
- 9) The MINIMOTO™ MOTOCROSS BIKE should never be ridden in mud, water, ice or snow. It is not designed to be ridden in streets or on paved surfaces either. Avoid riding on extreme incline, declines, rocky surfaces, curbs or jumps.
- 10) The electric motor can become hot when in use. Do not touch it at anytime and handle it carefully.
- 11) Never use your MINIMOTO™ MOTOCROSS BIKE while using personal radios or headphones.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

12) Do not use your MINIMOTO™ MOTOCROSS BIKE for stunt riding, ramp jumping, running over curbs, acrobatics or similar activities.

13) Recommended tire pressure is 25 psi. Never inflate the tires beyond 30 psi. Inflation of the tires should be performed by adults only. Use a tire pressure gauge to ensure pressure of 25 PSI. Serious injury or death may result in over inflation of the tires occurs. Avoid filling the tires at a gas station. The greater pressure of a gas station air pump makes a blowout of the tire possible. This may result in serious injury or death. Never use NON-MINIMOTO™ replacement parts.

14) If there is any problem or question with the MINIMOTO™ MOTOCROSS BIKE, please contact the Minimoto Service Center by calling the toll free number:

1-800-434-6178

Between the hours of 8 to 7 CST, Monday through Friday (excluding holidays)

or by email:

customerservice@teamminimoto.com

Customer Service Center:

**Toy Quest
c/o Minimoto Service Center
1800 N. 9th Street
Indianola, Iowa 50125**

Do not return the product to the store! Contact the Minimoto Service Center. Authorized service is only available through the official Minimoto Service Center. Spare tires, inner tubes, batteries, and replacement parts can be obtained through the Minimoto Service Center.

15) SB 1918 (CALIFORNIA) DECLARATION:

YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS PRODUCT. TO DETERMINE IF COVERAGE IS PROVIDED, CONTACT YOUR INSURANCE COMPANY OR AGENT.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

ELECTRICAL HAZARD: WARNING

CAUTION!

THIS IS AN ELECTRICALLY OPERATED PRODUCT AND SHOULD BE OPERATED WITH CARE. KEEP AWAY FROM SMALL CHILDREN.

BEFORE RIDING, ALWAYS MAKE SURE THAT THE BATTERY RETAINER IS FIRMLY IN PLACE AND HOLDING THE BATTERY SECURELY.

PREVENTING A FIRE:

- a) Never modify the electrical system or battery charger. Modifications of these systems can result in fire, serious injury and damage to the electrical components.
- b) To avoid damaging the battery, do not use the charger if it has been struck, dropped or damaged in any way.
- c) Do not expose the battery to high temperatures as this may cause the battery to explode.
- d) Never allow the battery charger to become wet or placed in water.
- e) Use of the wrong type of battery or charger could cause a fire or explosion resulting in serious injury.
- f) Never use MINIMOTO™ MOTOCROSS

BIKE parts, battery, or components in any other products or vehicles other than those of MINIMOTO™ Motocross BIKE. Replacing or substituting parts with other vehicles can result in overheating, fire, or explosion.

g) The battery is to be handled by ADULTS ONLY. The battery is heavy and contains a lead-acid electrolyte. Dropping the battery can result in serious injury.

h) Never allow children to recharge the battery. Charging the battery must be done by ADULTS ONLY. A child could be injured when involved in the operations of battery charging or use of electrical devices.

i) Make sure that all battery contacts or connectors are clean and free of excessive wear or damage whenever the battery is charged. If ANY damage is detected, DO NOT USE the charger or battery until you have replaced the worn or damaged part.

j) Always remove the key when not in use to ensure the power is off and prevent any unauthorized riders from attempting to ride the bike.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

VEHICLE SET UP AND ASSEMBLY:

CAUTION: The included tools to set up and charge the MINIMOTO™ MOTOCROSS BIKE should be used by an ADULT ONLY. The package contains small parts. Keep away from small children.

1) Completely remove the MINIMOTO™ MOTOCROSS BIKE from the packaging. Position it upright and support it by lowering the kickstand (Fig 1).



Fig 1

2) Find and identify the included tool kit (Fig 2).



Fig 2

3) Remove the 2 screws from the back side of the number plate and 2 screws (1 each side) from the front forks. Install the number plate in position and replace screws to their original spots (Fig. 3A & Fig. 3B).



Fig 3A



Fig 3B

4) Remove a protective plastic cover from the end of the steering column. To do this, first unscrew counter-clockwise and loosen the bolt using one of the Allen head keys (Fig. 4).



Fig 4

5) After a few turns of the Allen Key, the plastic cover should slide off. Throw the plastic cover away.

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6) Slide the steering column into the front fork (Fig. 5).



Fig 5

7) Adjust the handlebars so they are square with the front wheel (Fig. 6).



Fig 6

8) FIRMLY tighten the steering column until the bars do not move. Vertically adjust height, so that the reinforcement bar aligns with the recess in the front number plate (Fig. 7).



Fig 7

WARNING: The handlebars must not be able to move while riding!. ALWAYS test the handlebars before riding to make sure they will not slip, rotate, or are able to be forced from their desired position. If the handlebars move while riding, it is very possible to lose control and fall. Adjust or tighten the handlebars as necessary.

9) Adjust the throttle by rotating the handle grip into a comfortable position. Use the allen key to release the screw (Fig. 8). Once the throttle is correctly adjusted, fasten the screw back on using the allen key. Make sure the throttle is firmly in place when finished.



Fig 8

BRAKE ADJUSTMENT:

IMPORTANT! Inspect and check the adjustment of the hand brake before attempting to ride on your MINIMOTO™ MOTOCROSS BIKE.

Minor Brake adjustment

The brakes will need to be adjusted over time. Tightening or loosening the brake adjustment knob can obtain minor brake adjustments. This knob is located next to the hand brake. To do this adjustment,



Fig 9



Fig 10

loosen the nut and turn the conical shaped knob to adjust the brake (**Fig. 9**). Retighten the knob with the nut when the appropriate feel of the brake is found (**Fig. 10**).

Major Brake adjustment

If the brakes need a more drastic adjustment, use the wrench to loosen the nut that connects the cable to the rear wheel (**Fig. 11**). When the nut is loosened, pull the brake cable tight until there is no slack in the cable. Retighten the nut securely (**Fig. 12**) and check the brakes again before riding.



Fig 11



Fig 12

IMPORTANT!

In the event of extraordinary heat or temporary malfunction of the brake after a prolonged or aggressive use, stop riding the bike immediately. Call the Minimoto Customer Service Center at the Toll-free number before further use.

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BATTERY CHARGING INFORMATION:

IMPORTANT: The new battery provided in the MINIMOTO™ MOTOCROSS BIKE MUST BE charged for at least 12 hours before using for the first time.

The charger MUST be used only in a clean, dry indoor area. In addition:

- Battery charging must be done by ADULTS only.
- The battery must be upright when charging.
- The charger is not a toy.
- Do not short-circuit the battery.
- Do not charge the battery on any delicate surfaces (such as a counter top).
- Only use the provided charger to charge the battery.
- Only use a MINIMOTO™ MOTOCROSS BIKE battery or batteries.
- Remove old or dead battery from the MINIMOTO™ MOTOCROSS BIKE if it does not accept a charge.

- Never use the charger in an enclosed space. Always ensure adequate ventilation.
- Never cover the MINIMOTO™ MOTOCROSS BIKE or the charger during charging.
- Should anything abnormal happen to the MINIMOTO™ MOTOCROSS BIKE or charger, switch off the mains supply immediately and contact the Minimoto™ Service Center.

IMPORTANT:

Under normal conditions, the battery will reach full charge in 8 to 20 hours of charging time. The difference in time depends on the local power output in your area, the type of outlet you use, and the condition of the battery.

NOTE: Plug the charger directly into a standard wall outlet. Do not connect the charger to a surge protector. Surge protectors can slow down the charging process.

MINIMOTO™ MOTOCROSS BIKE

STEPS TO CHARGE BATTERY:

The charging port is located on the upper body. It resembles a simulated "FUEL CAP".

1) Lift up the protective cover of the charger port(Fig. 13).



Fig 13

2) Plug the charger into the port. Note that the charging port has a "rib" inside(Fig. 14). This allows the plug to be inserted in the proper orientation to the port.



Fig 14

3) Plug in the charger into a standard electrical outlet.

4) THE RED LED indicator light on the charger will be ON when charging properly.

5) The GREEN LED will come on when the battery is fully charged.

6) Remove the charging plug and close the protective cover after charging the battery.

NOTE: It is recommended that you always recharge the battery for a period of 8 hours. However, 80% of the power will be charged into the battery in 4 hours. It is possible to use the MINIMOTO™ MOTOCROSS BIKE after this period but the total running time will be reduced.

Battery Charger specifications for world-wide standard:

Country	Input	Output	Polarity	Shape
U.S./Canada Taiwan/Japan	A.C. 100-120V 60Hz	d.c. 36V 2000mA	Bare 	
U.K./Hong Kong/ Singapore/Malaysia/ Africa	A.C. 220-240V 50Hz	d.c. 36V 2000mA	Bare 	
Europe/Germany/ Israel	A.C. 220-230V 50Hz	d.c. 36V 2000mA	Bare 	
Australia/ New Zealand/China	A.C. 240V 50Hz	d.c. 36V 2000mA	Bare 	

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BATTERY CARE:

If a battery appears to be leaking, avoid contact with the leaking materials. Place the battery in a plastic bag.

WARNING: This liquid and contents of the battery are highly acidic. Wash your hands immediately and thoroughly for a minimum of 15 minutes. Call a physician. Do not touch your face or eyes. If acid is internally ingested, IMMEDIATELY give water, milk, egg whites, or milk of magnesia. Never give emetics or induce vomiting. CALL A PHYSICIAN IMMEDIATELY.

- Use ONLY a MINIMOTO™ MOTOCROSS BIKE battery.
- Never charge the battery for more than 30 hours.
- Charge the battery after each use.
- Avoid running the battery completely as this will greatly shorten their useable life.
- Never leave the battery in an uncharged condition. This will permanently damage it and prevent it from being able to hold any charge.
- Disconnect the battery from the wiring if the MINIMOTO™ MOTOCROSS BIKE is to be stored more than 2 months.
- Do not store the batteries in temperatures above 122 degrees F or lower than 32 degrees F.

• Check to make sure the battery is secure before riding the bike. Tighten the battery retainer if necessary.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

HOW TO REPLACE THE BATTERY:

1) Remove the key from the lock.

2) Remove the two bolts on top of the seat and one bolt under the seat with the allen key and wrench (Fig. 15).



Fig 15

3) Using the allen key remove two bolts, on both sides of the body that holds the body to the frame. (Use the provided wrench to help when removing the two rear bolts.) (Fig. 16).



Fig 16

4) Remove the seat and body from the frame work (Fig. 17).



Fig 17

5) Remove four screws on the driver's right and one screw on the driver's left of the silver body halves using the screwdriver (Fig. 18A & Fig. 18B). Use the wrench to help removing the rear screws. Separate the body halves from the bike (Fig. 19).



Fig 18A



Fig 18B



Fig 19

6) Remove the seven screws that hold the battery box together with the screwdriver (Fig. 20). Remove the driver's left side first.



Fig 20

7) Remove the two bolts that holds the right half of the battery box to the chassis with the allen key (Fig. 21).



Fig 21

8) Remove the battery box (Fig. 22).



Fig 22

◊ MINIMOTO™ MOTOCROSS BIKE ◊

9) Loosen and remove the four screws on the battery retainer with the help of the wrench to hold the nut beneath the chassis (Fig. 23). Carefully disconnect the electrical plug between the battery and the wiring harness.



Fig 23

10) Remove the battery and replace it with a fresh battery.

11) Reconnect the plugs and position the wires to exit the proper hole from the battery box (Fig. 24).



Fig 24

12) Retighten the battery retainer so the battery is securely held.

13) Replace the battery box, and lower body in reverse order.

14) Charge the new battery before attempting to ride again.

Note:

Use only MINIMOTO™ replacement batteries.

- Non-rechargeable battery is not to be charged.
- Battery charging must be done by ADULTS only.
- Only battery of the same or an equivalent type as the recommended battery is to be used.
- Battery is to be insert with the correct polarity.
- If battery does not accept a charge, remove the old or dead battery from the MINIMOTO™ MOTOCROSS BIKE.
- Do not short-circuit the battery and the connectors.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

BATTERY DISPOSAL:

Always return your unwanted batteries to a local federal or state approved lead-acid recycling center or an authorized automobile battery seller. For residents in the states of Florida and Minnesota, it is ILLEGAL for anyone to attempt to dispose of lead-acid batteries in a municipal waste stream.

Always dispose of unwanted or used batteries in a safe and environmentally friendly manner. DO NOT throw the batteries into your regular household trash. Law prohibits the disposal of lead-acid batteries by incineration, placing them in a landfill, or mixing them with other rubbish.

NEVER expose the batteries to FIRE. The batteries may leak or explode.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

RIDING RULES:

DIRECT ADULT SUPERVISION IS REQUIRED WHEN RIDING.

Adults should teach the appropriate safety rules and methods before allowing anyone to ride the MINIMOTO™ MOTOCROSS BIKE. The rules should be reviewed with any children in the vicinity that may want to ride the MOTOCROSS BIKE.

1) The following areas are to be avoided when riding the MINIMOTO™ MOTOCROSS BIKE:

- a. Cars or traffic
- b. Streets or alleys
- c. Steps or steep inclines
- d. Swimming pools, puddles, ice, or bodies of water
- e. Any area that could potentially cause harm to humans, animals, or property. Ride only in areas where permission has been granted.

2) Do not use on roads or public streets, as this is illegal and dangerous.

3) Never ride the MINIMOTO™ MOTOCROSS BIKE at night.

4) Never ride with more than one rider. Maximum allowable weight of the rider should not exceed 200 lbs (90 kg).

5) Always wear appropriate shoes, clothing, and protective gear. Protective gear includes the use of a helmet, knee pads, and elbow pads (not included).

6) Always check to see that the kick stand is in the up position before starting to ride. Leaving the kick stand in the down position can cause the rider to fall while riding.

7) Do not use the MINIMOTO™ MOTOCROSS BIKE for jumping, stunts or tricks. This product has not been designed for such use.

8) Do not touch the motor or wheels while it is rotating.

9) Keep hands, face, feet and hair away from all moving parts.

10) Do not ride down or across steep inclines. The MINIMOTO™ MOTOCROSS BIKE, just like a bicycle, can reach unsafe speeds, loose traction, or slip and tip over.

11) Never ride near flammable liquids or vapors such as gasoline, acetone or paint thinner. Keep all flammable materials away from the MINIMOTO™ MOTOCROSS BIKE.

12) Never wear headphones or use a cell phone when operating.

13) Ride defensively. Remember that others around you may not see you or may be to involved in their own actions.

14) Learn about and observe your local laws regarding bicycle use.

15) Riders must be over the age of 10. Keep away from small children.

◦ MINIMOTO™ MOTOCROSS BIKE ◦

PRE-RIDE CHECKLIST

Your MINIMOTO™ MOTOCROSS BIKE is just like any vehicle. It requires routine maintenance, service, and inspection to operate reliably and safely.

- Look over the entire unit to ensure that there are no visible problems with the MINIMOTO™ MOTOCROSS BIKE.
- Check that the handlebars are tight.
- Check the tires, ensuring there are no cuts or exposed cords or the tires are deflated.
- Check that all cables and wires are not frayed, cut or broken.
- Check that the brake lever is tight on the handlebar.
- Pull the brake lever to make sure that:
 1. The brake releases automatically.
 2. The brake holds the electric minibike from being pushed forward.
- Check that the throttle is tight on the handlebar.
- Check that all 4 axle nuts are tight and the wheels do not wobble .

◊ MINIMOTO™ MOTOCROSS BIKE ◊

HOW TO RIDE YOUR MINIMOTO™ MOTOCROSS BIKE:

NOTE: It will take a little practice to get used to riding. Take it slowly and start in a location that is very open and away from obstacles or obstructions.

1) Place the foot pegs in the down position (Fig. 25).



Fig 25

2) Move the kickstand up while holding on to the handlebars (Fig. 26). **WARNING:** Failure to move the kickstand to the up position before moving the throttle control may result in damage to the kickstand or crashing the bike.



Fig 26

3) With feet on the ground, balance bike between legs. (Fig. 27).



Fig 27

4) Place the key in the lock and turn it clockwise to the ON position (Fig. 28).



Fig 28

5) With the right hand, rotate the throttle control slowly and precisely (Fig. 29). AT THE SAME TIME lift your feet up from the ground.



Fig 29

6) When you have achieved enough speed to balance, place your feet on the foot pegs (Fig. 30).



Fig 30

7) Rotate the throttle control handle (on your right hand side) to increase speed.

Squeeze the brake lever with left hand to apply the brake to slow or stop.

8) **BE CAREFUL:** The MINIMOTO™ MOTOCROSS BIKE can reach speeds up to 15 MPH on a level surface (depending on the surface terrain and the weight of the rider).

◊ MINIMOTO™ MOTOCROSS BIKE ◊

SPECIAL SAFETY WARNINGS

- 1) When accelerating please ensure that you start smoothly & evenly. Do not push away for a quick start.
- 2) The brakes are designed to control speed as well as stop the vehicle. Practice braking for slow-down and smooth stopping.
- 3) Never operate the throttle control when the wheels are off the ground or the Motocross bike in an upside down position.
- 4) Make sure the key is removed from the bike when the bike is not in use.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

TIRE INFLATION PROCEDURE:

Recommended tire pressure is 25 PSI.
NEVER inflate the tires above 30 PSI.

WARNING: Tire inflation must be done **ONLY BY AN ADULT.** Tires should be inflated with a standard “bicycle” type pump. Inflation at an automobile service station can easily result in over inflation of the tires. **Over inflation of the tires can result in serious injury or even death.**

Tires **MUST** be at the proper inflation to achieve best handling characteristics and control. Over inflation will make

the tires “bulge” outward. This will cause premature wear of the tire. Under inflation will cause the tire to look flat on the ground. This will result in slow running speeds and bad handling. Make sure the tires are properly inflated to get the best performance from your vehicle.

Remove the key from the lock before inflating tires.

To inflate the tires, unscrew the valve cap from the valve stem and attach the bicycle pump as you would with any bicycle. Pump up the tires to 25 PSI. Replace valve cap when inflation is complete.

◦ MINIMOTO™ MOTOCROSS BIKE ◦

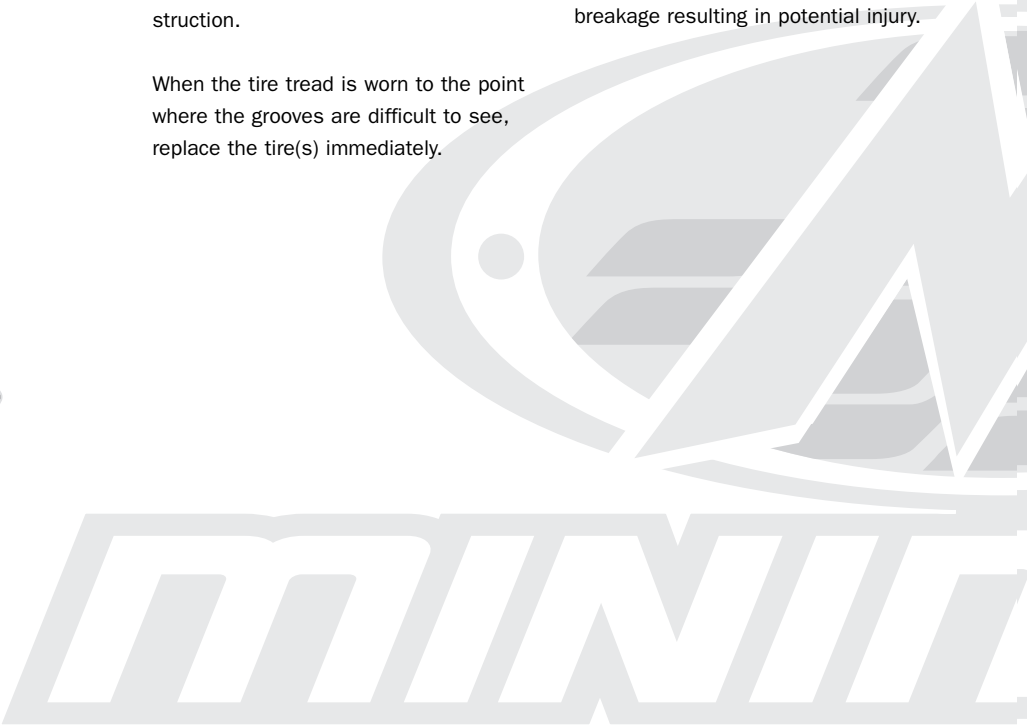
TIRE REPAIR:

WARNING: Inspect tires and wheels regularly. In the event that a tire should consistently lose air pressure, the tires can be repaired at a local bicycle repair shop. The tires have an inner tube construction.

When the tire tread is worn to the point where the grooves are difficult to see, replace the tire(s) immediately.

If the tire tread shows uneven wear, check the axle to make sure the wheel is loaded evenly and correctly. Uneven wear may be a sign of uneven loading.

Should the wheels become bent or cracked replace immediately to avoid breakage resulting in potential injury.



◊ MINIMOTO™ MOTOCROSS BIKE ◊

CIRCUIT BREAKER:

IF YOU LOSE THE KEYS:

IMPORTANT:

NOTE: Replacement keys can be ordered from the Minimoto Service Center for a fee. You can also have your key duplicated at any key shop or kiosk. It is a good idea to store an extra key in a safe place.

Circuit breaker information and reset:

Your MINIMOTO™ MOTOCROSS BIKE has a built-in circuit breaker. This is located near the Charging port (Fig. 31)

The circuit breaker shuts the electrical power down if it detects too much current being used. This protects the electrical components from extreme abuse. The circuit breaker may trip if the vehicle is going up a steep hill, has too heavy a load, or the wheels are blocked for some reason.

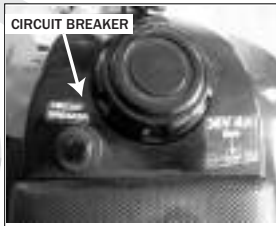


Fig 31

THE MOTOCROSS BIKE WILL COMPLETELY SHUT DOWN WHEN THE POWER OVERLOADS. Check to see if the black button in the center of the circuit breaker has "popped up". To reset the circuit breaker, wait about 10 seconds for it to cool down. Turn the key off. Press the black button down to reset. When reset the button stays down. If the button does not stay down, wait until it has cooled down enough.

Once the circuit breaker has been reset, turn the key to the 'on' position and resume riding as normal.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

Replacing the chain if it "pops off"

WARNING: Disconnect the battery before removing the protective chain cover. This will ensure no possibility of the motor or chain running accidentally while working in this area. Refer to page 12, 13 "Replacing the battery" in this instruction manual for this operation.

It is possible that under extreme conditions the chain may pop off. If this occurs, the motor will run but the rear wheel will not turn under power. The chain can be replaced by the following procedure.

1) Support the bike so that the rear wheel is not touching the ground (Fig. 32). **IMPORTANT:** Make sure the bike will not fall over during this process. Work on a work bench or in an area with plenty of space.



Fig 32

2) Remove the 3 screws with the screwdriver holding the chain to the frame (Fig. 33)



Fig 33

3) Use a screw driver to separate the five screws holding the upper and lower chain cover pieces (Fig. 34 & Fig. 35).



Fig 34 and 35

4) Place the chain over the MOTOR sprocket first. Keep tension on it (Fig. 36).



Fig 36

5) Place the chain on the top of the rear wheel sprocket about half way around (Fig. 37).



Fig 37

6) Carefully rotate the wheel so that the entire chain slips back on to the sprocket. (Fig. 38).



Fig 38

7) Replace the chain covers in reverse order.

8) Reconnect the battery.

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REPLACING BRAKE AND WHEEL

Follow these instructions completely to replace the brake and rear wheel.

IMPORTANT: Save all removed nuts and bolts as they will be necessary for the reassembly process. Remove key from ignition before proceeding the following.

- 1) Remove the 3 screws mounting the chain cover to the frame with the screwdriver. (Fig 39).



Fig 39

- 2) Use a screw driver to separate the five screws holding the upper and lower chain cover (Fig 40).



Fig 40

- 3) Use two wrenches (not included) to remove both the LEFT and RIGHT axle nuts at the same time (Fig 41).

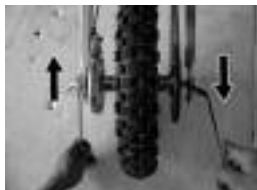


Fig 41

- 4) Use a wrench to remove the nut that connects the brake cable to the brake mechanism (Fig 42).



Fig 42



Fig 43

- 6) Use a wrench to remove the nut for the LEFT and RIGHT rear fork that holds the axle in place. (Fig 44a and 44b).



Fig 44a



Fig 44b

- 7) Slide some slack into the chain and remove it from the rear wheel sprocket (Fig 45).



Fig 45

◊ MINIMOTO™ MOTOCROSS BIKE ◊

8) Slide off the kickstand mechanism and rear fork nut from the wheel axle (Fig 46).



Fig 46

WARNING: Make sure that ALL bolts are properly secured before riding. Test the brakes thoroughly and adjust any cables as necessary. Also, make sure that the chain is not too loose on the sprocket or premature damage to the chain may occur.

9) Move the chain around the sprocket as you slide the rear wheel assembly off the bike (Fig 47).



Fig 47

10) Remove the old brake mechanism and place the new one on the rear axle. (Fig 48a and 48b).



Fig 48a



Fig 48b

11) Assemble the new brake and tire mechanism in the reverse order above.

Chain adjustment:

Periodic adjustment of the chain drive belt may be necessary to maintain proper tension.

If the chain is too loose, it will make a “popping” noise while accelerating. Immediate adjustment is required to retighten the chain, otherwise it may become permanently damaged.

To adjust the chain:

WARNING: Disconnect the battery connector before removing the protective chain cover. Whenever working on or near the chain, it is highly recommended that you disconnect the battery. Refer to the section “How to replace the battery”. (See page 12,13 for details, steps 1-9)

1) Remove the chain belt cover (see page 22 for details, steps 1-3).

2) Loosen the axle nuts until the axle can move easily.

3) Adjust the axle position until the proper tension is achieved.

4) Lock the axle nuts and adjust the wheel manually until it is parallel

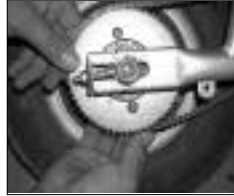


Fig 49a

and inline with the front axle. To align loosen one nut and refasten again until correctly aligned. (Fig 49a & Fig49b)



Fig 49b

5) Replace the chain cover by reversing the removal procedure.

6) Reconnect the battery.

MINIMOTO™ MOTOCROSS BIKE

TROUBLE SHOOTING:

Problem	Probable Cause	Solution
The Motocross Bike does not run.	<ol style="list-style-type: none"> 1) The Key is not in the lock. 2) The circuit breaker "POPS-UP". 3) The battery is low. 4) The battery is dead. 5) The charger is not working. 6) The wires are loose. 7) The brake lever is too tight. 	<ol style="list-style-type: none"> 1) Insert the key into the lock and turn to the "ON" position. 2) Wait 10 seconds for the circuit breaker to cool down and reset the switch. 3) Charge the battery. 4) If the battery is old or has been abused, it will need to be replaced. 5) Check to see if the wall socket is in the "ON" position and the red light illuminates on the charger. 6) Check all connectors. 7) Loosen the brake in order not to disturb the internal power cut off switch. Spray lubricants to brake lever if necessary.
The Motocross Bike was running but it suddenly stopped.	<ol style="list-style-type: none"> 1) Low battery voltage. 2) Circuit breaker has "popped-up". 3) Loose connectors. 4) The brake is not properly adjusted. 	<ol style="list-style-type: none"> 1) The electronic circuit will automatically detect when the voltage is too low for the bike to run. Recharge the battery. 2) Wait 10 seconds for circuit breaker to cool down and reset the breaker. 3) Check all electrical connections. 4) Adjust the brake as described in this manual (page 8).
The Motocross Bike is in "ON" mode but when I move the throttle handle, the back wheel won't turn.	<ol style="list-style-type: none"> 1) The charger is still connected. 2) The brake is too tight. 3) The battery is low. 	<ol style="list-style-type: none"> 1) Disconnect the charger. 2) Adjust the brake to loosen the tire. 3) Charge the battery for at least 1 hour and check again.
Motor will run but the bike does not move.	The chain has come off.	Replace the chain onto the gears . (page 22)
The brake is too tight or loose.	The brake cable is out of adjustment.	Adjust the brake cable to proper tension. (page 8)
The Motocross Bike is noisy or makes a "popping" sound when moving.	The drive chain is too loose.	Adjust the drive chain at the back wheel. (page 25)
The charger gets warm when I recharge the battery.	This is normal.	No action required.
The battery only lasts about 40 minutes when I ride the bike.	This is normal.	No action required. Recharge the battery normally. Note: Heavy use of the battery will result in even less operating time.
The battery makes a slight sizzling or gurgling sound when it recharges.	This is normal.	No action required.
When I try to recharge the battery, the LED does not light up.	Electricity is not going to the charger.	There is no problem with the battery. Try another outlet.

MINIMOTO™ MOTOCROSS BIKE

Problem	Probable Cause	Solution
The bike runs for less than 30 minutes when I ride.	<ol style="list-style-type: none"> 1) The battery is undercharged. 2) The battery is old. 	<ol style="list-style-type: none"> 1) The first time you charge the battery, make sure it was charged for 8 hours. Check to see that the green light is on before attempting a run. 2) If the battery is old, it may need replacing. Note: Battery life will vary depending on the terrain, battery condition, driving style, and weight of the rider.
The red LED light never goes off.	<ol style="list-style-type: none"> 1) The battery is not being properly charged. 2) The battery is too old or has been abused. 	<ol style="list-style-type: none"> 1) Make sure all connectors are clean. Repair if necessary and the plug is properly placed in the bike's receptacle. 2) Replace the battery.
The Motocross BIKE runs sluggishly.	<ol style="list-style-type: none"> 1) The battery is undercharged. 2) The battery is old. 3) The conditions and surfaces you are on are too extreme. 4) The bike is overloaded. 	<ol style="list-style-type: none"> 1) Charge the battery. 2) Even under perfect conditions, the battery will only last about 1 to 2 years. If your battery is old or has been abused or left uncharged for a long period of time, it may need replacing. 3) Try to run on smooth, flat surfaces only. 4) Make sure the rider does not exceed the 200lb weight limitation.

If you have tried these solutions but the problem still exists, contact the Minimoto Service Center for advice or assistance. They will assist you in getting quickly on the road. PLEASE CHARGE THE BATTERY FULLY (if possible) before calling the center as this will speed up the checklist. Have the MOTOCROSS BIKE near the phone so you can do the various tests quickly.

website : www.teamminimoto.com

email : customerservice@teamminimoto.com

◊ MINIMOTO™ MOTOCROSS BIKE ◊

LIMITED WARRANTY AND REGISTRATION POLICY :

The manufacturer warrants this product, including the battery, to be free of manufacturing defects for a period of 180 days from the date of purchase. This limited warranty does not cover the normal wear and tear, tires, inner tubes, cables, or any damage, failure, or loss caused by improper assembly, set up, storage, or maintenance of the MINIMOTO™ MOTOCROSS BIKE. PLEASE SAVE YOUR ORIGINAL SALES RECEIPT.

The warranty is VOID if the product is used in any other manner than recreation or transportation, is modified, or used in for commercial purposes. The warranty does not cover the vehicle or battery damaged by unreasonable use, neglect, accident, abuse, misuse, improper service, or other causes not arising out of defects or workmanship.

Evidence of any attempt of repair done by the consumer (other than tires and normal adjustments) will void the warranty.

Warranty does not include replacement normal wear and tear of either brakes or tires. It also does not include body or frame parts damaged due to accident, abuse, or improper assembly by the user.

This warranty does not cover, and is intended to exclude, any liability on the part of the manufacturer, whether under this warranty or implied by law or any indirect or consequential damages for breach of warranty. Toyquest's and the manufacturer's liability hereunder is expressly limited to the replacement of goods not complying with the warranty of, or at Toyquest's election, to the repayment of an amount equal to the purchase price of the product in question. Some states do not allow the exclusion or limitation so this limitation may not apply to you.

Check local laws and regulations in your area before riding to determine where you can legally ride your MINIMOTO™ MOTOCROSS BIKE.

◊ MINIMOTO™ MOTOCROSS BIKE ◊

REGISTRATION CARD:

To obtain warranty repairs or assistance, you must contact the Minimoto™ Repair Center before the warranty expires.

Contact is most easily arranged by email:

customerservice@teamminimoto.com

It is also possible to register by mailing the included form to the following address:

**Toy Quest
C/O
Minimoto Service Center
1800 N. 9th Street
Indianola,
Iowa 50125**

VIN NUMBER

Each MINIMOTO™ MOTOCROSS BIKE has a unique VIN (Vehicle Identification Number) inscribed to a plate on the chassis. The location of this VIN is on the left side of the bike's frame work rear tire (Fig 50). You will need to locate this information when registering and applying for warranty service.



Fig 50

















PLEASE SAVE YOUR ORIGINAL RECEIPT.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.
















MINIMOTO™ MOTOCROSS BIKE

APPENDIX:

Spare part list for MOTOCROSS BIKE:

Spare Parts No.	Spare Part Name	
15573-ASM-301	Right and left tape	
15573-ASM-302	Body seat assembly	
15573-ASM-303	Chain cover	
15573-ASM-304	Battery box	
15573-ASM-305	Charging port cover	
15573-ASM-306	Front wheel fender	
15573-ASM-307	Front fork	
15573-ASM-308	Front plate	
15573-ASM-309	Handle bar	
15573-MIS-301	36 Volt battery	
15573-MIS-302	36 Volt battery charger	
15573-MIS-303	Electronic control box	
15573-MIS-304	Circuit breaker	
15573-MIS-305	Front tire and wheel	
15573-MIS-306	Rear tire and brake assembly	
15573-MIS-307	Chain	

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Spare Parts No.	Spare Part Name	
15573-MIS-308	Nut and bolt assortment	
15573-MIS-309	Motor	
15573-MIS-310	Label sheet (QTY : 2)	
15573-MIS-311	Kickstand	
15573-MIS-312	Foot pegs (QTY : 2)	
15573-MIS-313	Suspension	
15573-MIS-314	Brake cable	
15573-MIS-315	Handle grip	
15573-MIS-316	Air valve cap	
15573-MIS-317	Instruction manual	
15319-MIS-004	Key	
15319-MIS-305	Key switch	
15319-MIS-311	Charging port	
15319-MIS-315	Throttle switch assembly	
15319-MIS-016	Brake switch assembly	
15319-MIS-018	Tool kit	