

ENJOY YOUR RIDING!

General information about X-Treme Electric Scooters

Visit: www.x-tremescooters.com/

Technical support

Visit: www.x-tremescooters.com/technical/html

Order parts for your electric scooter

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X-TremeTM Electric Scooters

OWNER / OPERATOR'S MANUAL MODEL X-500

ELECTRIC SCOOTER



CAUTION: Read and understand this manual thoroughly before operating and handling Scooter. Please follow All safety procedures and warnings to reduce risk of electric shock!

ADJUSTMENTS AND OPERATION

REMOVEABLE PLATFORM

The Platform is removable to gain access to the Batteries. To remove, remove the four deck screws with a phillips screwdriver (fig 6) and remove Brake Pedal and Spring. Platform will lift off of Scooter Frame. Reverse procedure to replace platform.

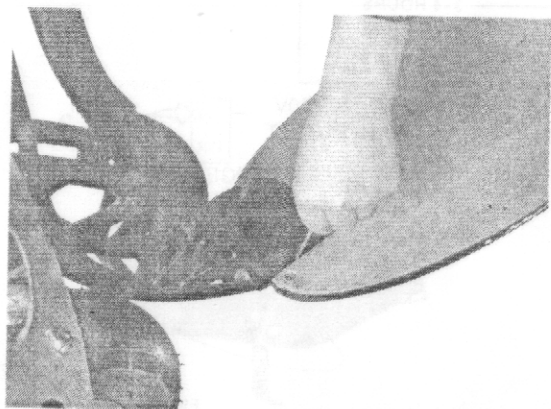


FIG 6

CAREFULLY REMOVE SCREWS, SPRING AND BRAKE PEDAL TO GAIN BATTERY ACCESS.

DRIVE BELT ADJUSTMENT AND REPLACEMENT

Periodic adjustment of the Drive Belt is required. The Belt will become loose after hours of operation. When it does, the Belt will make a popping noise while accelerating. When this occurs, you must tighten Drive chain immediately. To tighten Belt, loosen Rear Axle Nuts slightly and rotate the Belt Adjuster Discs equally. Tighten Axle Nuts and recheck belt tension. If Belt is damaged or worn please contact YOUR LOCAL DISTRIBUTOR for a replacement. Be sure to specify Scooter. Remove rear wheel from scooter to replace belt. Reassemble, see Belt Alignment.

Drive Belt Alignment. If you experience either the Drive Belt coming off the Drive Gear or Wheel Gear and/or rubbing against the scooter frame, there most likely is belt misalignment. To realign carefully place the upside down on a Sturdy surface (table, stool, etc.) and determine the direction of Belt side movement. You will need to move the Rear Wheel left or right slightly to realign. To do this loosen Axle Nuts slightly and Rotate Belt Adjuster Discs. Tighten Axle Nuts and Check alignment by engaging power. Recheck alignment after riding-readjust if necessary.

ADJUSTMENTS AND OPERATION

UNFOLDING AND FOLDING

Your scooter is shipped in the folded and locked position. To unfold press snap pins and lift the Quick Release Handle and the opposite side. Adjustable Spring Loaded Handle (fig. 2). Turn the Spring Loaded Handle. This will allow you to lift the Handbars to the upright position. Lock the Spring Loaded Handle into the small round Guide Hole. Be sure that snap pins fit into Clamp down the Quick Release Handle. Check for a secure lock. Reverse this procedure to fold. There is Tightness control Adjustment Nut on the Spring Loaded Handle.

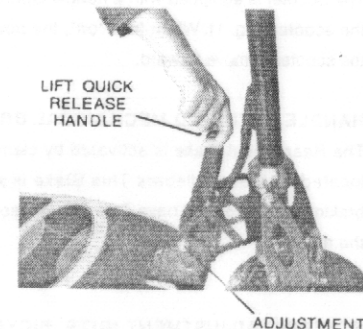


FIG 2

HANDLEBARS

Insert Grips into Handlebar T-Frame as shown in fig 3. Be sure that Snap Pins fit into, and lock, the small holes in the top of the T-Frame. With the handlebars in the upright & locked position, and the rider standing on the platform with **ONE HAND ON THE BRAKE**, adjust the Handlebar height to just below the rider's waistline. This is accomplished by loosening the Height Adjuster (fig. 3) while holding onto the handlebars ... move the handlebars to the desired height and tighten Height Adjuster. Be sure Height Adjuster is tight.

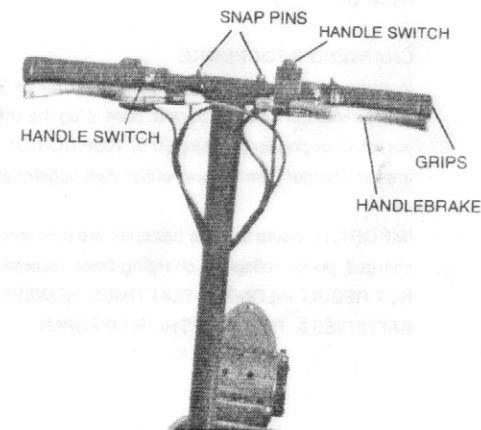
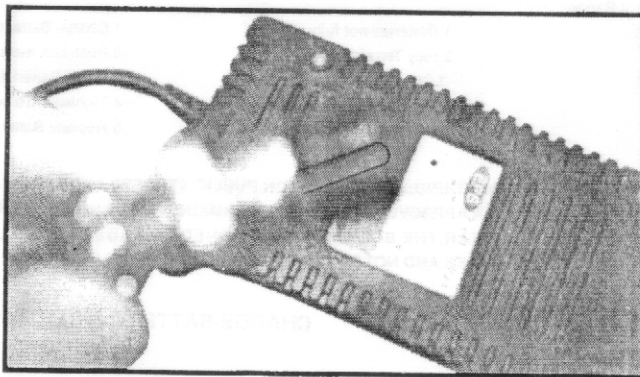
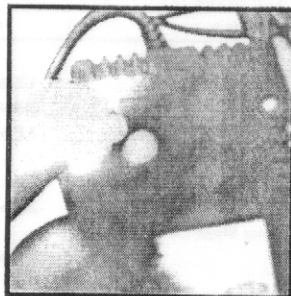
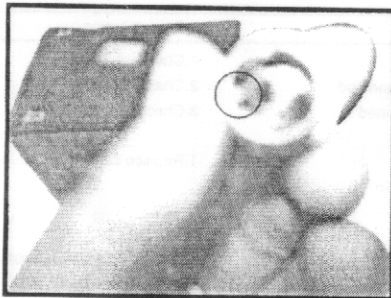
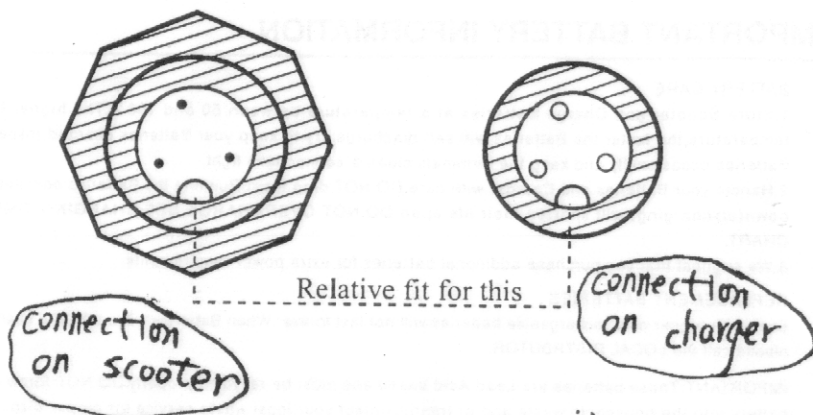


FIG. 3



INTRODUCTION

Thank you for your purchase of the Electric Scooter.

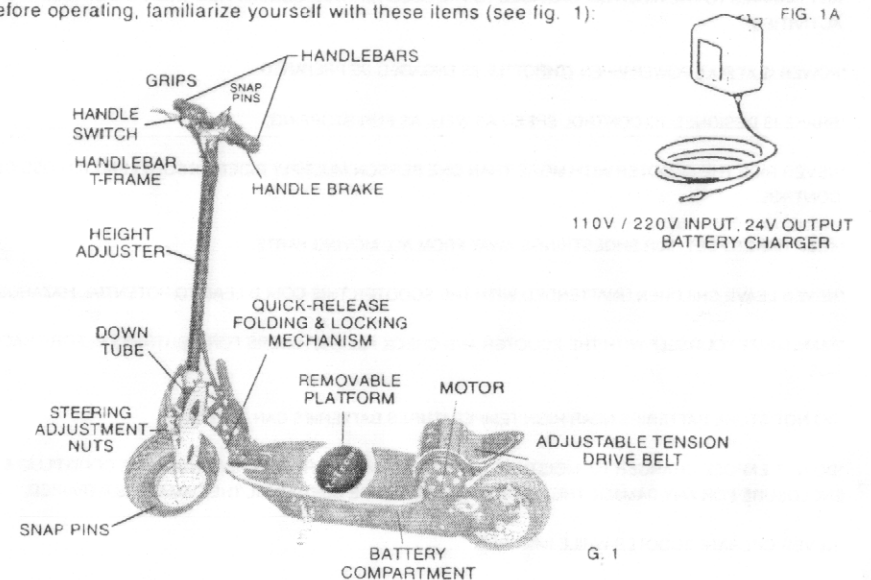
The scooter will provide you with hours of fun and help you get some exercise, something we all need today. The scooter is an environmentally friendly mode of transportation since it is pollution free and whisper quiet. The scooter costs only pennies a day to operate and is completely portable with the quick fold mechanism. You can store it in the car and take it with you on the train, bus, or ferry!

Your scooter will provide best results on a smooth and flat terrain. You can always assist your scooter, especially on hills, by push kicking like a traditional push powered scooter. Please be sure to operate your scooter safely and be aware of pedestrians. Be observant of all local and state laws involving scooter usage.

Pay attention to ALL SAFETY WARNING and CAUTIONS noted within this manual. Following these warning and cautions will give you many hours of enjoyable and safe riding.

ITEM IDENTIFICATION

Before operating, familiarize yourself with these items (see fig. 1):



TOOLS REQUIRED FOR MAINTENANCE: PHILLIPS SCREWDRIVER, FLAT SCREWDRIVER, AND ADJUSTABLE WRENCH(S). (All not furnished)



ALWAYS WEAR A HELMET

CHARGE BATTERY AFTER EVERY USE

ADJUSTMENTS AND OPERATION

HAND OPERATED POWER SWITCH (Throttle)

The Scooter is equipped with a handle Operated Power Switch located on the handlebars of the scooter (fig. 1). When turn "on", the power is on and the motor and rear wheel cause the scooter to move forward.

HANDLE OPERATED MECHANICAL BRAKE

The Rear Wheel Brake is activated by clamping handle brake to the Round Brake Pedal (fig 1) located on the handlebars. This Brake is a friction brake ...the harder you press the more braking action you will have. This Brake also has a micro switch that disconnects the power to the motor.

STEERING ADJUSTMENT NUTS, BICYCLE TYPE

You will need to periodically check your steering for play or looseness. The steering tightness can be adjusted by turning the ROUND HAND NUT clockwise and locking with the hex nut (fig 1)

CHARGING

When shipped the batteries are fully charged. Charging the Batteries after every use is recommended. For extended battery life, DO NOT discharge Batteries completely before recharging. Following this simple rule: When the starts to slow down on level ground, it's time to recharge.

CHARGING PROCEDURE

In order -with charger in hand, locate the Charge Socket under the scooter (fig 4). Plug the charger into the Charger Socket. Next, plug the charger into a standard 110/220 volt electrical outlet. Charging temperature 50 to 100F. DO NOT OVER-CHARGE-SEE CHART when finished unplug Charger from the wall outlet then scooter and replace cap over the charge socket.

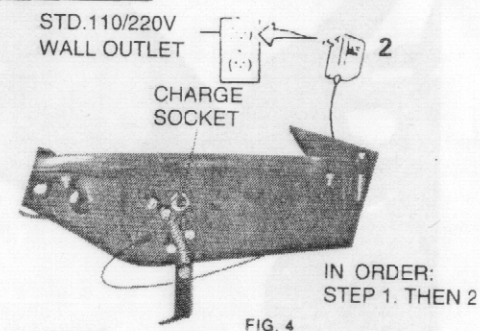
IMPORT. To insure that the batteries are fully recharged between use but are not over-charged, please follow the charging times recommended. BATTERY OVERCHARGING DOES NOT RESULT IN LONGER RUN TIMES. HOWEVER, OVERCHARGING DAMAGES THE BATTERIES & REDUCES THEIR LIFESPAN.

Charging Procedure (cont)

SCOOTER BATTERY CHARGING

SCOOTER USETIME (BATTERY DISCHARGING)	CHARGING TIME (DO NOT OVERCHARGE)
20 MINUTES	3-4 HOURS
40 MINUTES	5-6 HOURS
60 MINUTES	6-8 HOURS

POWER USE REQUIREMENTS CAN VARY DEPENDING ON RIDER TRAVERSED. TIMES ARE RECOMMENDED AVERAGES.



SCOOTER OPERATION

FIRST, ALWAYS WEAR AN APPROVED HELMET, EYE PROTECTION, SHOES AND FOR INEXPERIENCED RIDERS, WE RECOMMENDED GLOVES, KEEN AND BELOW THE PADS

Before riding, be sure to have a clear unobstructed level path ahead of the rider firmly grab the Handlebars, place your front foot onto the platform with your hand on the Power switch. Go ahead and push off like a regular push scooter to engage the motor simply press the Power Switch. To disengage the motor and to SLOE/STOP press the Brake with your hand. USE THE BRAKE TO CONTROL YOUR SPEED. As you become a more skilled rider, you will use a combination of brake and power to achieve optimum operation. Be sure to recharge the batteries after using. ALWAYS WEAR HELMET



ALWAYS WEAR A HELMET

CHARGE BATTERY AFTER EVERY USE



ALWAYS WEAR A HELMET

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Please note:

Ensure that the charging plug is correctly aligned with the groove on the charging socket. If plug is inserted incorrectly, the charger/scooter will short circuit and burn out, this is not covered by warranty.

Please note:

Ensure that the battery must be recharged immediately when the scooter cannot move any more. Maybe it can move again after stop some minutes because of the battery theory. But under this action the life of battery will be more short, this is not covered by warranty.

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WARNING



BEFORE YOU ATTEMPT TO RIDE THE SCOOTER. PLEASE READ AND UNDERSTAND THE FOLLOWING:

*NEVER RIDE THE SCOOTER ON PUBLIC STREETS OR ROADS. CHECK LOCAL ORDINANCES WHERE RIDING IS PERMISSIBLE.

*MINIMUM AGE IS RECOMMENDED AT 10 YEARS OLD TO OPERATE THE SCOOTER. MAXIMUM RIDER WEIGHT IS 300LBS

*ALWAYS WEAR AN APPROVED SAFETY HELMET WHEN RIDING. BE COOL...BE SAFE!

*WEAR SHOES WHEN RIDING, NEVER BAREFOOTED.

*AVOID RIDING ON GRAVEL, SAND, GRASS SLICK OR WET SURFACES. SCOOTER IS DESIGNED TO BE USED ON DRY SMOOTH SURFACES.

*NEVER RIDE SCOOTER OVER CURBS OR JUMPS. THIS SCOOTER IS NOT DESIGNED FOR THIS TYPE OF RIDING. THE RETAILER, DISTRIBUTOR, IMPORTER, AND MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURIES TO THE RIDER OR DAMAGES TO THE SCOOTER THAT OCCUR FROM THIS TYPE OF RIDING OR ACTIVITIES.

*POWER IS AT FULL POWER WHEN (THROTTLE) IS ENGAGED. BE PREPARED.

*BRAKE IS DESIGNED TO CONTROL SPEED AS WELL AS FOR STOPPING.

*NEVER RIDE THE SCOOTER WITH MORE THAN ONE PERSON. MULTIPLY RIDERS COULD LEAD TO LOSS OF CONTROL.

*KEEP HANDS, FEET, HAIR, SHOELACES AWAY FROM ALL MOVING PARTS.

*NEVER LEAVE CHILDREN UNATTENDED WITH THE SCOOTER. THIS COULD LEAD TO POTENTIAL HAZARDS!

*FAMILIARIZE YOURSELF WITH THE SCOOTER AND CHECK ALL FASTENERS FOR TIGHTNESS BEFORE EACH USE.

*DO NOT STORE BATTERIES NEAR HIGH TEMPERATURES. BATTERIES CAN EXPLODE.

*DO NOT EXPOSE CHARGER TO MOISTURE OR USE IF DAMAGED. REGULARLY CHECK THE CORD. PLUG & ENCLOSURE FOR ANY DAMAGE THE CHARGER MUST NOT BE USED UNTIL THE DAMAGE IS REPAIRED.

*NEVER OPERATE SCOOTER WHILE IMPAIRED.

CAUTION: IT IS RECOMMENDED TO ALWAYS PUSH START THE X-500 TO REDUCE THE START LOAD ON THE MOTOR. YOUR SCOOTER MOTOR WILL HAVE A MUCH LONGER LIFE WITH PUSH ASSISTANCE.

CAUTION: ELECTRICALLY OPERATED TOY RECOMMENDED TRANSFORMER MUST BE USED.

CAUTION: THE TRANSFORMER IS NOT A TOY! RISK OF ELECTRIC SHOCK!

CAUTION: CHARGER FOR DRY LOCATION AND WIND DRY USE ONLY!



ALWAYS WEAR A HELMET

CHARGE BATTERY AFTER EVERY USE

IMPORTANT BATTERY INFORMATION

BATTERY CARE

1. Store Scooter and Charge Batteries at a temperature between 50 and 100 F. The higher the temperature, the faster the Batteries will self discharge. Try to keep your Batteries charged. Inspect Batteries occasionally and keep the terminals clean & connections tight.

2. Handle your Batteries and Charger with care. DO NOT drop them. Running the Batteries completely down (discharging) will shorten their life span. DO NOT OVERCHARGE. SEE CHARGING TIMES CHART.

3. We suggest that you purchase additional batteries for extra power requirements.

REPLACEMENT BATTERIES

Even with proper care, rechargeable batteries will not last forever. When Batteries will not hold a charge, please call the LOCAL DISTRIBUTOR.

IMPORTANT: These batteries are Lead Acid based and must be recycled properly. DO NOT throw any battery into the household waste and or trash. Contact your local waste service for proper disposal. DO NOT return the scooter to the place of purchase if you encounter problems. Please check the following Troubleshooting Guide or call YOUR LOCAL DISTRIBUTOR.

TROUBLESHOOTING GUIDE

Problem	Possible	Causes Action
Motor Does Not Start:	1. Batteries not connected 2. Batteries are drained 3. Electrical fault	1. Check connectors 2. Charge battery 3. Check ALL connectors
Rear Wheel Doesn't Turn:	1. Broken drive chain 2. Motor problem	1. Replace drive belt
Motor Shuts Off During Use:	1. Circuit Breaker has tripped 2. Inadequate assistance	1. Release Throttle and wait a few minutes to cool 2. Rider needs to assist more, push kick
Insufficient Range:	1. Batteries not fully charged 2. Hilly Terrain 3. Cold Batteries 4. Popping sound on accelerating 5. Damaged or Old Batteries	1. Charge Batteries 2. Push, kick more 3. Warm Batteries 4. Tighten drive belt 5. Replace Batteries

WARNING: DO NOT RIDE ON PUBLIC STREETS AND ROAD. ALWAYS WEAR AN APPROVED HELMET, EYE PROTECTION, SHOES AND APPROPRIATE SAFETY GEAR. THE SCOOTER IS DESIGNED FOR AGES 10 AND UP, A SINGLE RIDER AND NOT TO CARRY MORE THAN 300LBS



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CHARGE BATTERY AFTER EVERY USE