



**SERENGETI  
MOTORSPORTS**

[www.SerengetiMotorSports.com](http://www.SerengetiMotorSports.com)

# OWNER'S MANUAL

**Read Instructions Before Using Your New Badger E 450**



# **NOTICE!**

**Before using your new Badger E 450 Mini Bike the first time,  
Charge the battery a minimum of 8 hours**

**Always recharge the battery before the power indicator shows no power.**

**Failure to follow these instructions nullifies any warranty, whether stated or implied.**

## **Before operating your Badger E 450 Mini Bike**



This product does not conform to Federal Motor Vehicles Standards and is not intended for operation on public streets, roads or highways. Serious injury can result from the unsafe operations of this vehicle.

This product is not designed to be jumped. If jumped, even from the curb, the Mini Bike Frame could break causing serious injury or death. If jumped, the warranty is void.

Do not operate this product in traffic, on wet, frozen, oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.

It is recommended that the rider wear leather gloves, kneepads and leather boots. Always wear a DOT approved helmet.

Never carry passengers on your Badger E 450 Mini Bike.

Minimum age is 16 years.

Weight Limit 150 lbs

Check your state and local laws governing the use of motorized vehicles in your area.

Universal Product Concepts, Inc. is not responsible for your failure to comply with state and local ordinances relating to the use of the Badger E 450 Mini Bike.

Failure to follow these operation instructions can result in serious injury or death.

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### CHARGING THE BADGER E 450 MINI BIKE BATTERY

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1. To avoid damage to the battery when charging, use only the charger provided with your Badger E 450 Mini Bike. Mini Bike should be off when charging.
2. Plug the supplied 24V battery charger into a 110V AC power source. Use only 110V AC outlet when charging the Badger E 450 Mini Bike battery.
3. The CHARGER INDICATOR LIGHT will illuminate confirming that power is connected.
4. Plug the POWER INPUT CORD to the charging port on your Badger E 450 Mini Bike, located on battery box.
5. When the battery is fully charged, Indicator Light will turn Green.
6. Disconnect the Input Cord from the Charging Port.
7. Disconnect the charger from the 110V power source.
8. Never leave the battery charger connected to the 110V power source when not charging the battery. This will shorten the life of the charger.
9. When storing your Badger E 450 Mini Bike, the battery should be charged monthly.



**FAILURE TO KEEP THE BADGER E 450 MINI BIKE BATTERY CHARGED WILL CAUSE TOTAL BATTERY FAILURE. DO NOT ALLOW BATTERY TO FULLY DISCHARGE.**

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### BATTERY DISPOSAL

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When maintained properly, the Lead Acid Battery in this product has a normal life of many years. When the battery expires, it should be removed from the Badger E 450 Mini Bike and recycled. Please contact your local solid waste authority for recycling information in your area.

**NOTICE: AFTER REMOVAL. COVER BATTERY TERMINALS WITH ELECTRICAL TAPE TO PREVENT SPARK HAZARD FROM SHORTING OF THE TERMINALS.**

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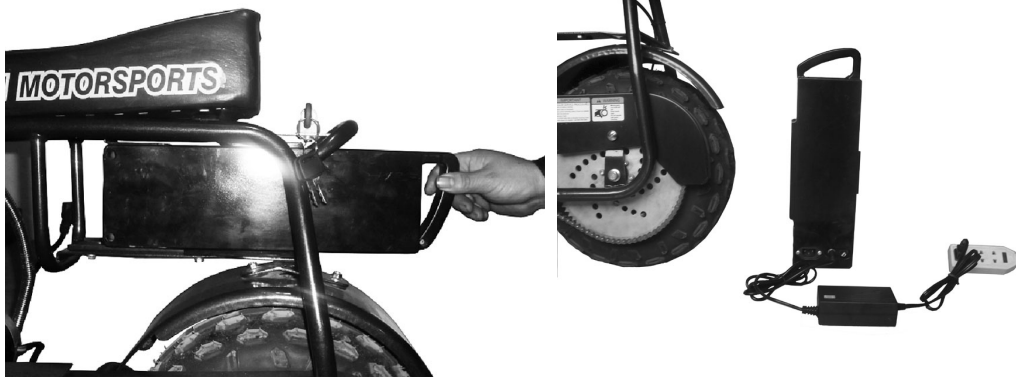
### BATTERY BOX REMOVAL AND ASSEMBLY

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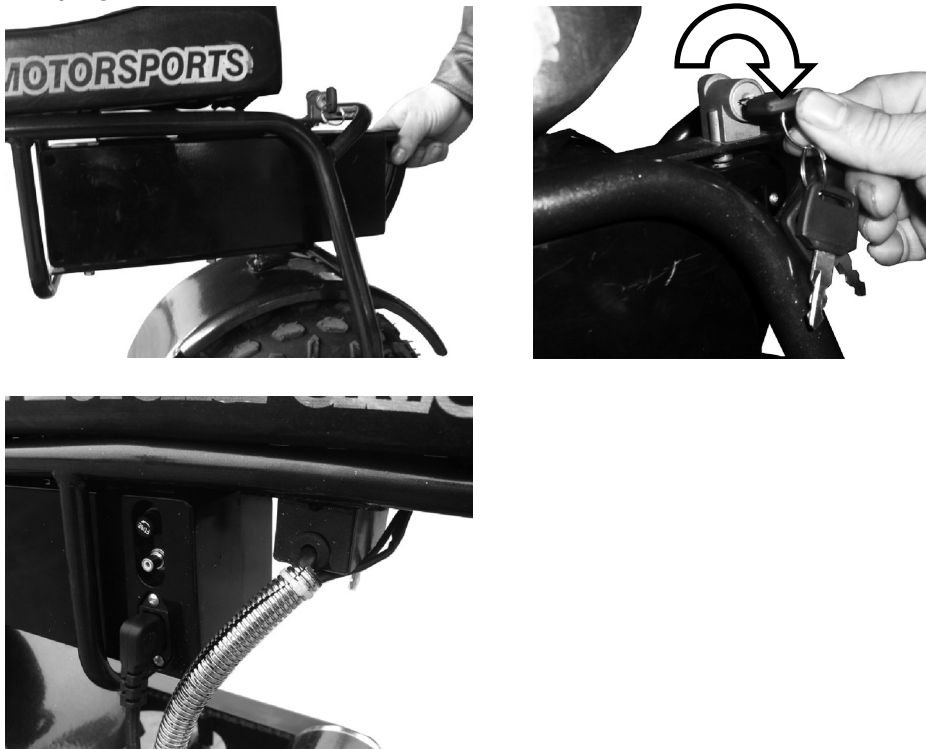
1. Unplug the cord from socket, and turn the key to unlock the battery box.



2. Pull out the battery box along the rail & remove, the battery can now be charged separately.



3. Push the battery box into the compartment along the rail, turn the key to lock the box and plug the cord.



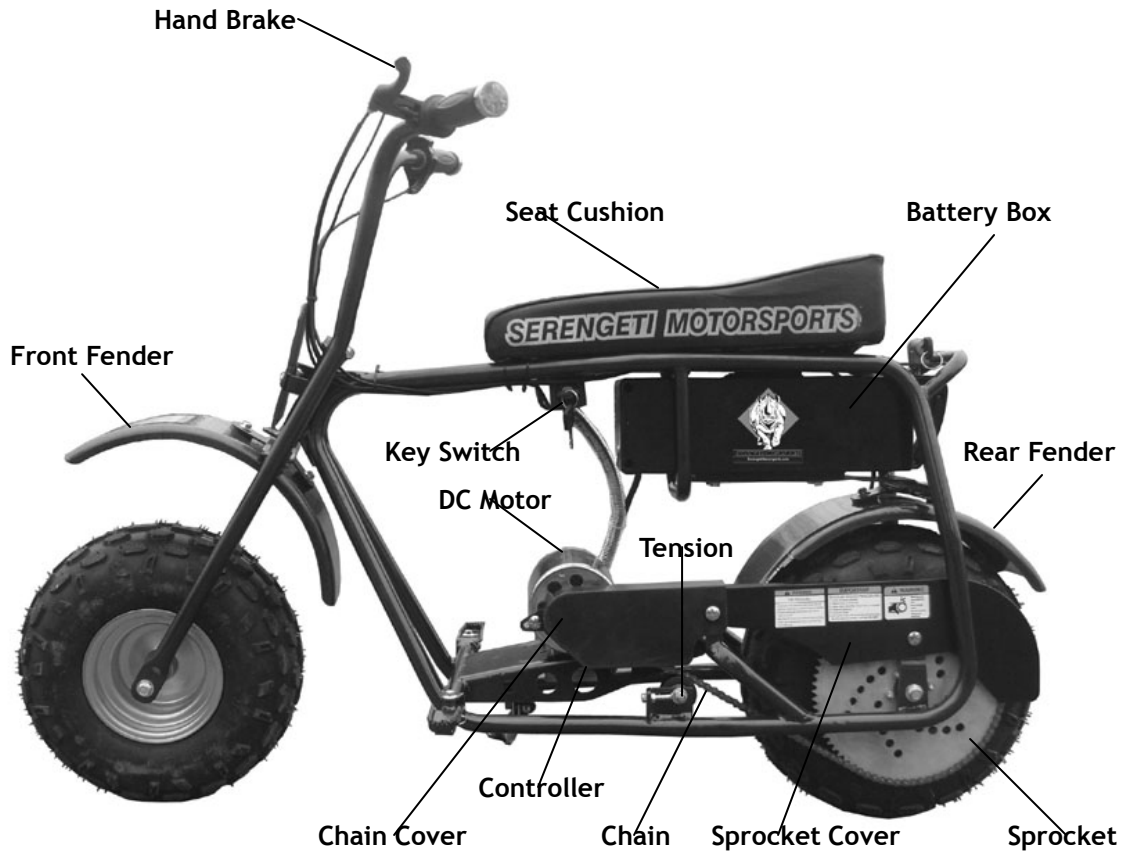

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**MINI BIKE SPECIFICATIONS**

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<b>SPECIFICATIONS</b>	
Maximum Speed	16 MPH
Minimum Distance	10 Miles
Recharge Time	8 Hours
Load Capacity	150 lbs
Tires	145/70-6 Pneumatic
Dimensions	51.6 x 24.4 x 34.3in
Motor	450W
Transmission	Chain Drive
Battery	12V 16Ahx2
Ignition	On/Off Key Switch

LOCATION OF PARTS

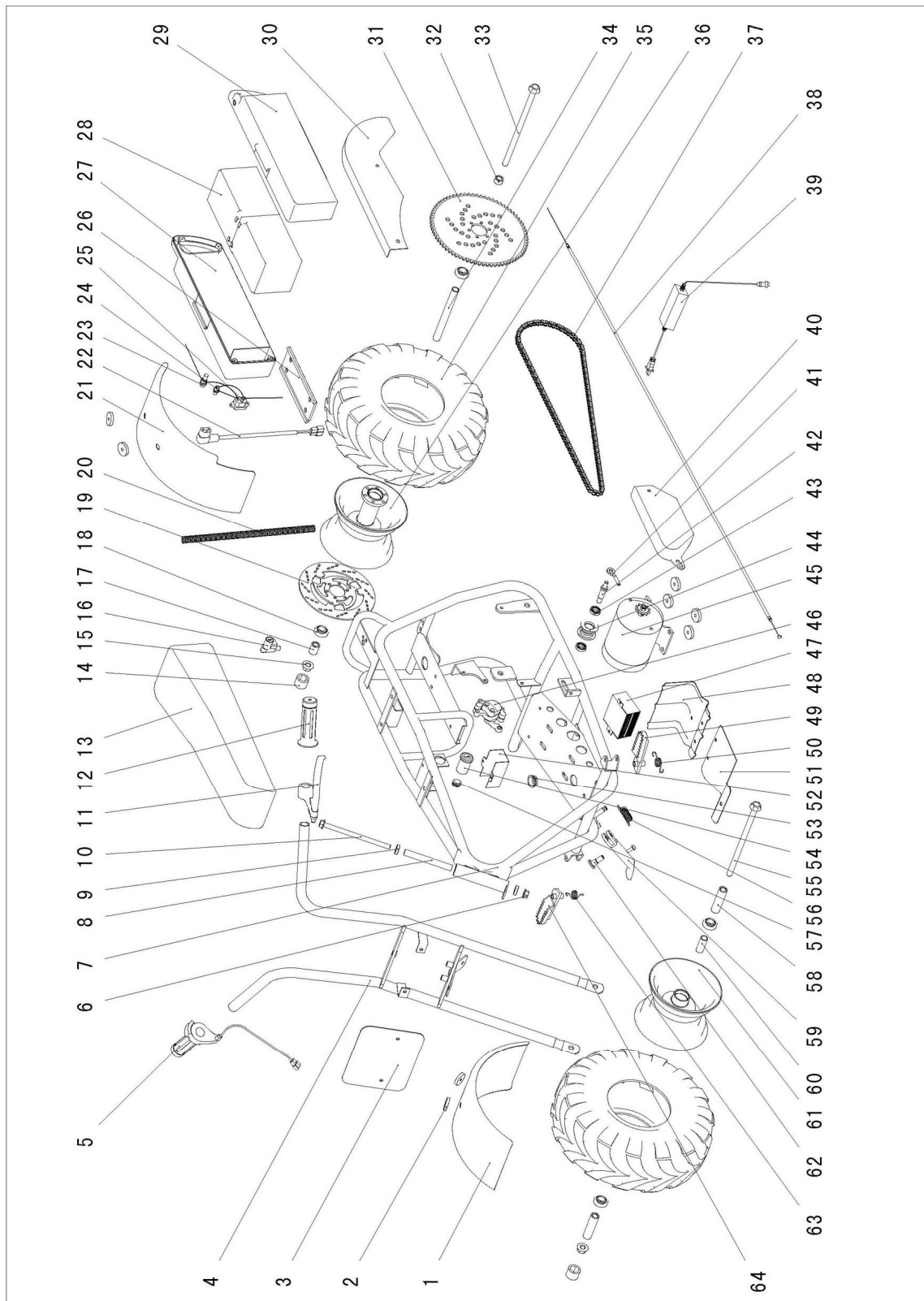


## MAINTENANCE AND INSPECTION

1. Check brake and throttle cables before each use to insure proper adjustment. Check to ensure that brake and throttle cables are flexible and that the inner cable moves freely within the outer sleeve. Check end of cable to be sure that they are tightly secured to the terminal connections.
2. Check brake pads weekly for wear or damage. Replace immediately at first sign of wear or damage.
3. Check tires pressure as noted on side walls and inspect tires for tread wear
4. Lubricate wheel bearings regularly.
5. It is recommended that you use Lock tight on screws to prevent them from coming loose due to motor vibration.

### PARTS LIST

1	Front Fender	33	Rear Wheel Assembly Bolt
2	Rubber Washer	34	Rear Wheel Bushing (Middle)
3	Number Plate	35	Wheel 145/70-6
4	Front Fork	36	Rear Rim
5	Throttle Lever	37	Chain
6	Nut M10×1.25	38	Brake Wire
7	Frame	39	Adaptor
8	Steering Column Bushing	40	Sprocket Cover
9	Bearing 6900	41	Chain Adjustor Bolt
10	Front Fork Assembly Bolt	42	Tension Pin
11	Braking Lever	43	Bearing 6901
12	Left Grip	44	Tension
13	Seat	45	Motor
14	Rubber Cap	46	Brake Disc Body
15	Nut M12×1.25	47	Controller
16	Battery Box Lock	48	Bottom Protector Board (Rear)
17	Rear Wheel Bushing (Right)	49	Footrest (Left)
18	Bearing 6201	50	Spring (Right Screw)
19	Brake Disc	51	Bottom Protector Board (Front)
20	Cord Sleeve	52	Key Switch Base
21	Rear Fender	53	Cable Ring
22	Cord	54	Key Switch
23	Fuse Box	55	Front Wheel Assembly Bolt
24	Charging Port	56	Spring
25	Power Socket	57	Rubber Ring
26	Battery Box Rail	58	Front Wheel Bushing (Side)
27	Battery Box (Right)	59	Kickstand
28	Battery	60	Front Wheel Bushing (Middle)
29	Battery Box (Left)	61	Front Rim
30	Chain Cover	62	Kickstand Assembly Bolt
31	Sprocket	63	Spring (Left Screw)
32	Rear Wheel Bushing (Left)	64	Footrest (Right)



Shipments will be made COD

**CALL REPLACEMENT PARTS ORDERS TO:**

Toll Free: 888-896-6881

**ALLOW 2 WEEKS FOR SHIPPING**

**—TROUBLESHOOTING —**

Number	Problem	Possible Cause	Solution
1	The Mini Bike motor does not operate.	<ol style="list-style-type: none"> <li>1. Power switch is off.</li> <li>2. Fuse has burned out.</li> <li>3. Battery is undercharged or drained.</li> </ol>	Check and/or replace with 20 amp fuse. Charge or replace the battery
2	The speed control is out of order or the adjustable speed is lower than rated.	<ol style="list-style-type: none"> <li>1. Battery is undercharged.</li> <li>2. Check the throttle cable.</li> </ol>	<ol style="list-style-type: none"> <li>1. Fully charge the battery.</li> <li>2. Tighten throttle cable.</li> </ol>
3	The electric motor stops functioning.	<ol style="list-style-type: none"> <li>1. The battery wire is loose.</li> <li>2. Fuse is burned out.</li> <li>3. Lead wire of the battery is broken.</li> </ol>	Repair and reconnect; Replace the blown fuse. Reconnect.
4	The driving distance is less than the rated distance.	<ol style="list-style-type: none"> <li>1. Tires have resistance.</li> <li>2. Failure of the charger.</li> <li>3. Failure of the controller.</li> <li>4. The battery is aged or damaged.</li> <li>5. Other factors, low temperature, heavy wind, the condition of the road surface, overweight or overuse of brake.</li> </ol>	Lubricate wheels. Repair the charger. Change the controller. Change the battery.
5	The battery does not hold charge.	<ol style="list-style-type: none"> <li>1. The charging socket is loose.</li> <li>2. Fuse is burned out.</li> <li>3. The lead wire of the battery has poor connection.</li> </ol>	Tighten the connection socket. Change the blown fuse. Reconnect.



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## SAFETY

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This product should not be used by pregnant women, persons impaired vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities


Operators Only! - No passengers


This product should not be used by minors without adult supervision


This product should not be used by persons unwilling or unable to take responsibility for their own actions.


The user of this product assumes ALL risks associated with its use.

High speed jumps and trick maneuvers may result in loss of control, accidents, serious injury or death.

 This is the safety alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.


 Read and follow all instructions in this Owner's/Operator's manual, any accompanying supplements before attempting to operate this Mini Bike.

 **WARNING:** Indicates a potential hazard which could result in severe personal injury or death.

 **CAUTION:** Indicates a potential hazard may result in severe personal injury or damage to the vehicle


**NOTE:** Use the word "NOTE" will alert you to key information or instructions.


## Important Rules for Safe Operation


 **WARNING:** NEVER operate / charge this Mini Bike indoor or in an enclosed area without adequate ventilation.

 **WARNING:** This Mini Bike is not licensable. DO NOT operate it on any public road, street, highway, sidewalk or alley.


- This Mini Bike may be operated only on private property and areas approved by local law.


 **WARNING:** This Mini Bike may have been supplied to you completely assembled. To prevent possible injury or death read and follow the assembly instructions to make sure the Mini Bike was assembled properly.

 **WARNING:** Always perform Daily Pre-Ride inspections as outlined in this manual.

 **WARNING:** Check tire pressure before each use.

Prior to operating the Mini Bike check and adjust tire pressure to the proper operating pressure as indicated on the sidewall of each tire. A tire pressure gauge is required to obtain accurate readings.

 **WARNING:** Mini Bike modification or removal of original equipment or safety decals can render the vehicle unsafe for operation.

 **WARNING:** Safety decals must be replaced if they become unreadable or detached from the Mini Bike.

- If decals are unreadable or missing, warning of potential hazards or safety requirements may be lacking.

 **WARNING:** This Mini Bike is not designed or intended for stunt riding, spinouts, donuts, racing, or any form of competition.

**⚠ WARNING: This Mini Bike is not designed to be used on rental tracks of any kind.**

**⚠ WARNING: The safe operation of this Mini Bike is dependent upon the operator's ability to exercise proper judgment.**

- Operator must not be too small or too large for controlled operation.
- Operator must be of sufficient age, understanding, mental capacity and physical capability to safely operate this Mini Bike
- Mini Bike should only be operated after understanding instructions and sufficient practice in an uncongested area.

**⚠ WARNING: Operator of this Mini Bike MUST always wear a properly fitting Safety Helmet approved by agencies such as the Department of transportation (DOT).**

- Most accident fatalities are due to head injuries.
- Operator should also wear helmet, boots, gloves and other appropriate protective clothing

**⚠ WARNING: Long hair, loose clothes, or jewelry can get caught in moving parts below and behind the seat or surrounding environment.**

- Remove anything loose that can reach below and behind the seat before riding.

**⚠ WARNING: NEVER place hands, feet, any body parts or clothing near the wheels, chain and other rotating parts of the Mini Bike while riding.**

- Use caution in performing required maintenance on or near motor.
- Use caution after the motor has been running, since the motor and other drive components may be extremely hot.

**⚠ WARNING: All screws, nuts and bolts must be properly tightened to make sure the Mini Bike is in safe operating condition.**

**Note:** Over tightening hardware where parts are required to move, such as front wheels, spindles, a-arm pivots, etc, can restrict movement and cause a loss of control and possible injury.

**⚠ WARNING: prevailing-torque-type locknuts must be replaced with new after the old locknuts have been removed.**

Replace with the same type of locknut to make sure they function properly.

**⚠ WARNING: Read and keep all supplied printed material.**

- Supplements to this Operator's Manual contain updated information relative to your specific Mini Bike model. It is important to keep all of these documents for reference.
- NEVER store the Mini Bike in close proximity to appliances such as hot water heaters or furnaces.

**⚠ CAUTION: NEVER operate Mini Bike while under the influence of alcohol, drugs or medication of any kind.**

- Such operation is dangerous to yourself and/or others.

**⚠ CAUTION: If the Mini Bike should start making unusual noise or vibrating abnormally, the motor should be switched off and the Battery wire disconnected. The Mini Bike should then be checked for damage. Excessive noise or vibration is generally a warning of loose or worn parts.**


**⚠ WARNING: Excessive speed is potentially dangerous to operator.**

**⚠ WARNING: Wet, slippery, rough or sloped terrain is potentially dangerous and may result in injury if proper caution is not observed.**

- ALWAYS SLOW DOWN.
- Operator must use mature judgment, skill and experience in choosing suitable terrain for individual operational capabilities.

 **WARNING: ALWAYS SLOW DOWN when turning.**

- High-speed turning can cause loss of control, possible vehicle turn-over and/or possible operator and/or passenger injury.
- Turning on a slope increases the risk of rollover.
- Practice operation is required to coordinate turning skill.
- Failure to operate this Mini Bike at a safe speed while turning can result in a strong possibility of severe personal injury.

 **WARNING: When turning on pavement, loose gravel, or similar surfaces, there is an increased risk in loss of control.**

- ALWAYS SLOW DOWN!

## Instructions for Safe Use and Maintenance of Mini Bike

1. Mini Bike shall not be modified from the manufacturer's original design and configuration.
2. Mini Bike shall not be used to perform racing, stunt riding, jumps, spin-outs, donuts or other maneuvers as they may cause loss of control of the Mini Bike or may cause uncontrolled operator or Mini Bike actions or reactions, As such, these activities are likely to result in possible injury to the operator, bystanders or a combination thereof.
3. Prior to each cycle of operation, a supervisor shall perform the preparation checks specified by the manufacture, and further verify;
  - a. Smooth throttle operation and positive return of the throttle linkage to a closed throttle position when released;
  - b. The steering linkage is adjusted and operates properly;
  - c. All guards and pads originally supplied by the manufacturer are in proper place on the Mini Bike and in serviceable condition;
  - d. The area where the Mini Bike is operated is safe and suitable for Mini Bike operation;
  - f. The braking system on the Mini Bike is functioning properly;
  - g. All safety labels are in place, legible and understood by the operator.
  - h. Any and all axle guards, chain guards, or other covers or guards supplied by the manufacturer are in place and in serviceable condition;
  - i. Tires are in good condition, inflated property, and have sufficient tread remaining.
  - j. All fasteners are in place and tightened securely.
4. Mini Bike motor shall not be started unless the operator is seated in the proper position for Mini Bike operations with the operator's hands on the Handle Bars and the brake fully engaged.
5. Long hair, loose clothes, or jewelry can get caught in moving parts below the seat or surrounding environment, Remove or the back anything loose that can reach below or behind the seat before riding.
6. A supervisor shall verify personally that everyone operating or riding is knowledgeable, capable, and has the cognitive capacity to operate the Mini Bike safely, including those items specified in 1 through 5.
  - a. The supervisor only shall allow the use and operation of the Mini Bike after a demonstration that each operator can understand and operate all components of the Mini Bike prior to use.
  - b. The supervisor shall provide continuous supervision during Mini Bike use.
  - c. The supervisor shall not allow anyone to ride in or operate Mini Bike with long hair, loose clothes, or jewelry which can get caught in moving parts below the seat or tie back anything loose that can reach below or behind the seat before riding.
8. Badger E 450 Mini Bike operators shall adhere to all manufacturer's recommendations and instructions, as well as comply with all laws and ordinances.
  - a. Operators shall stay seated with both hands on the Handle Bars and both feet in the Mini Bike at all times, whether moving or stationary, unless the Mini Bike is stopped completely.
  - b. Shall observe minimum age restrictions ;

c. Shall not ride the Mini Bike if long hair, loose clothes, or jewelry reach below or behind the seat;



**WARNING: Risk of death or serious injury!**

**Long hair, loose clothes, or jewelry can get caught in moving parts below and behind the seat or surrounding environment,**

**Remove or tie back anything loose that can reach below or behind the seat before riding.**

d. Shall not allow smoking in vehicle

e. Persons under the influence of drugs, alcohol, or intoxicants shall not supervise, operate, or ride in a Mini Bike

f. Mini Bike shall operate only on surface or terrain as recommended by the manufacturer;

g. Mini Bike shall not be operated on roads, streets, highways, or at any other location where road vehicle are intended to travel;

9. persons with the following conditions shall not operate a Mini Bike

a. Those with heart conditions;

b. Pregnant women

c. Persons with head, back, or neck ailments, or prior surgeries to those areas of the body;

d. Persons with any mental or physical conditions, which may make them susceptible to injury or impair their physical dexterity or mental capacities to recognize, understand, and perform all safety instructions, and be able to assume the hazards inherent in Mini Bike use.

10. Vehicle operators always shall use appropriate protective clothing, including but not limited to helmet and eye protection, with appropriate certification, and any other equipment recommended by the manufacturer including gloves, footwear, long sleeve shirts and long pants.

11. No operator or other person shall contact any portion of the wheels, or drive train for any purpose including maintenance until the motor has been turned off, and the Mini Bike is in a stable and stationary position.

13. Mini Bike components shall be maintained and repaired in accordance with the manufacturer's specifications an utilizing only the manufacturer's authorized replacement parts with installation preformed by designated dealer or other skilled persons.

**WARRANTY REGISTRATION**

**RETURN THE BADGER E 450 MINI BIKE PRODUCT REGISTRATION  
WITH A COPY OF YOUR SALES RECEIPT TO :**

**Universal Product Concepts, Inc. 730 Epperson Drive, City of Industry, CA 91748**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Date Purchased:** \_\_\_\_\_ **Model#:** \_\_\_\_\_

**Store Where Purchased:** \_\_\_\_\_

**Store Address:** \_\_\_\_\_

**Receipt or Transaction #:** \_\_\_\_\_

The registration must be returned to Universal Product Concepts, Inc. within 10days of purchase. It is the only information Universal Product concepts will have for notification to you of any information regarding this product. This information is for the sole purpose of product/registration and will not be sold or used for any other purpose.

**A COPY OF THE SALES RECEIPT AND UPC BAR CODE MUST BE INCLUDED WITH THIS REGISTRATION CARD.**

Thank you for purchasing an Universal Product Concepts, Inc. Badger E 450 Mini Bike.

If there are parts missing or if your Badger E 450 Mini Bike does not run properly,  
do not return your Badger E 450 Mini Bike to the place of purchase.

Please call Universal Product Concepts., Customer Service at 888-896-6881

**PLEASE DO NOT RETURN PRODUCT TO RETAILER FOR WARRANTY OR REPLACEMENT PARTS.**

\*or register online at [www.UPCintl.com](http://www.UPCintl.com) using the warranty link or fax to 951-340-0251

## **Universal Product Concepts, Inc.**

### **LIMITED WARRANTY**

Your Badger E 450 Mini Bike is warranted to be free of manufacturing defects in material or workmanship for a period of 90 days. During the warranty period Universal Product Concepts, Inc. will at its option, repair, provide replacement parts or replace your Badger E 450 Mini Bike at no charge. This warranty does not cover normal wear and tear, or damage caused by neglect, or misuse of the product.

Should you experience a problem or need to return your Badger E 450 Mini Bike for repair, please call the Universal Product Concepts customer service department TOLL FREE AT 888-896-6881 between the hours of 9AM and 4PM PST Monday thru Friday. You will be instructed how to proceed. A copy of receipt is required. You may also contact Universal Product Concepts, Inc. by writing.

Universal Product Concepts, Inc.  
City of Industry, CA 91748

Or

[info@UPCintl.com](mailto:info@UPCintl.com)

Made in China

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