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# Triaxe Sport

## By Enhance Mobility



# User Manual

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Thank you for choosing the Triaxe Sport Folding Scooter. Please read this manual carefully before operating the the Triaxe Sport. If you have any questions or need further assistance, please contact your Triaxe Sport Dealer or Enhance Mobility directly at 800-296-4151 (email [service@enhancemobility.com](mailto:service@enhancemobility.com)).

This manual covers the Triaxe Sport's characteristics, components, functions, safety guidelines, battery, and maintenance.



The following symbol is used in this manual to indicate warning, therefore, it is extremely important you fully understand the content. Failure to note the warnings may cause personal injury and/or damage the scooter.

Please note all information and photos in this manual are for reference only and are subject to factory changes and modifications.

Before using your Triaxe Sport Scooter please be sure that the delivery is complete. Your Triaxe Sport package should include the key (2), battery charger and soft sided basket. If you did not receive a complete delivery, contact your authorized Triaxe Sport dealer.

If damage has occurred to the packaging or contents during transport, contact the delivery company immediately.

## Contents

1. Triaxe Sport Feature Guide
2. Product Specifications
3. Key Components
4. Triaxe Sport Operating Instructions
5. Folding and Unfolding the Triaxe Sport
6. Safety Requirements
7. Battery & Battery Charging
8. Care & Maintenance
9. Basic Trouble Shooting
10. Basic Warranty Information
11. In Home Warranty Information



Children should not operate the Electric Scooter.

People with health concerns should consult a physician before use.

# 1. Triaxe Sport Feature Guide

The Triaxe Sport is composed of the following parts: handlebar controls, handbrake control, back tires, front wheel, anti-tip wheels, bumper, tiller, tiller release switch, foldable seat, seat supporting frame, footboard, luggage rack, battery, charger port, headlights, bumper/pull handle.



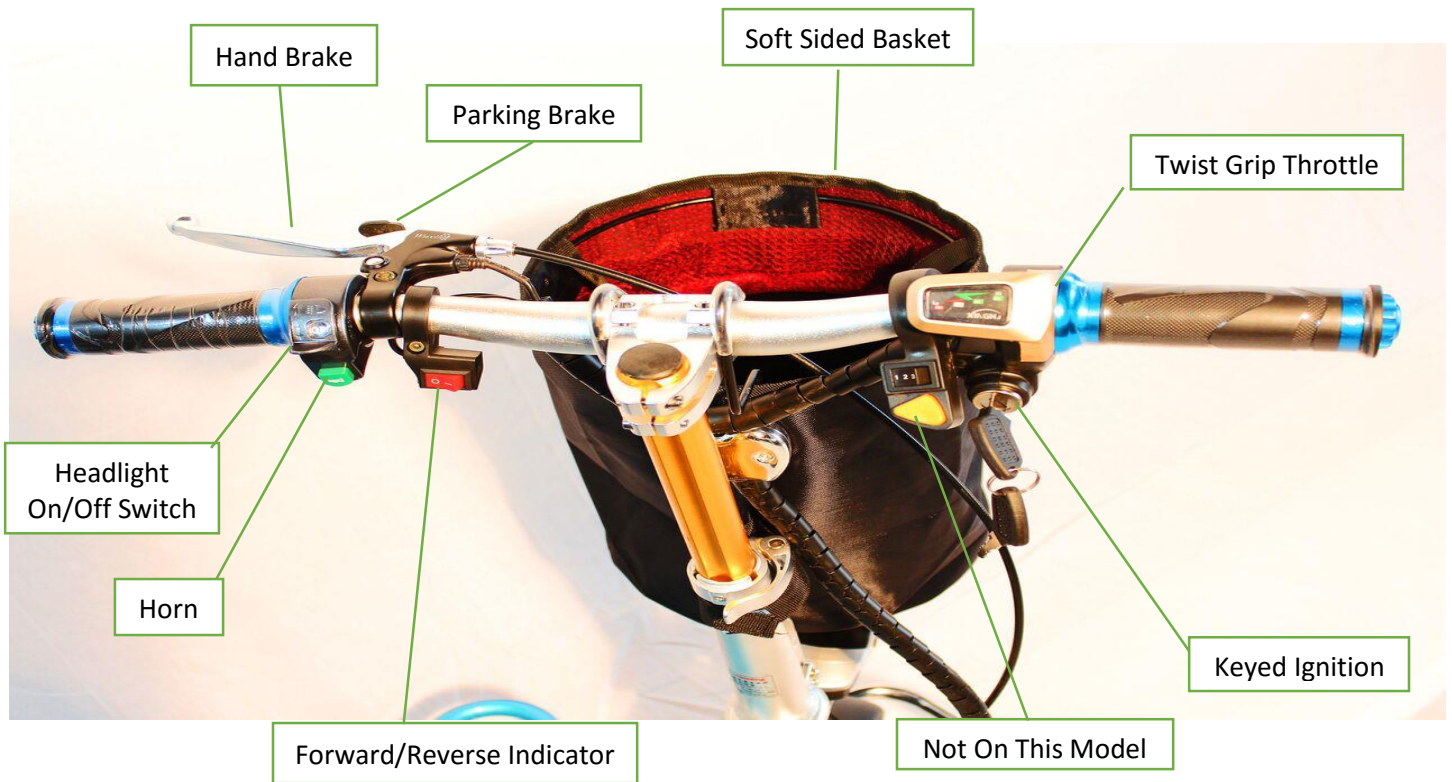
- |                                  |                           |                          |
|----------------------------------|---------------------------|--------------------------|
| 1. Handlebar Controls            | 9. Key Ignition           | 19. Seat Folding Release |
| 2. Luggage Rack                  | 10. Seat Frame            |                          |
| 3. Handlebar Tube                | 11. Head Light Switch     |                          |
| 4. Handlebar Tube Release Switch | 12. Rear Tires            |                          |
| 5. Throttle                      | 13. Anti-Tip Tires        |                          |
| 6. Front Tire                    | 14. Battery Charging Port |                          |
| 7. Bumper/Pull Handle            | 15. Head Light            |                          |
| 8. Reverse/Forward Switch        | 16. Seat Back             |                          |
|                                  | 17. Cushioned Seat        |                          |
|                                  | 18. Foot Board            |                          |

## 2. Triaxe Sport Specifications

Model	Triaxe Sport T3045
Overall Length	34"
Overall Width	20 ½"
Tires	8" solid front tires
	9.5" pneumatic rear tires
Maximum Speed	Up to 9mph
Safe Gradient/Maximum Gradient	0-18°
Range	Up to 35 miles
Turning Radius	33 inches
Weight (without battery pack)	49lbs
Color	Metallic Red, Light Metallic Blue
Brake	Hand brake controlling rear disc brakes
Drive system	Front Wheel Drive, Brushless Motor
Handlebar	Steel with Rubber Hand Grips
Maximum weight capacity	Up to 350lb
Seat Width	13" standard,
Seat Height (from the ground)	20.5"
Battery	48V 20Amp - 9lbs
Motor	56V - 350W
Battery Charger	48V - 2AH

### 3. Key Components

#### Handlebar Controls



The Handlebar Control consists of a keyed ignition, twist grip throttle, forward-reverse indicator, horn, headlight on/off switch and handbrake that also acts as a parking brake.

## 4. Operating Instructions

### Turning on the Power

Put key in ignition and turn clockwise to turn on.

Turn key counter-clockwise to power off when you stop.



Be sure to always protect the Triaxe Sport Handlebar Controls from humidity and water. If the handlebar controls have been affected by moisture, be sure to dry before operation.

### Speed Control

Speed is controlled by the twist grip throttle. Twisting the throttle grip towards you will increase the speed. Releasing the throttle grip will reduce the speed of the motor.

To Reverse/Forward indicator is found on the left side of the handle grip. Press switch to 0 for Reverse and 1 to go Forward.

Twist Throttle Slowly  
Towards You to Go



Forward/Reverse  
Indicator



Twist the throttle grip **SLOWLY**. Never twist all the way back when starting. This will accelerate very quickly and cause the front tire to spin.



Do not adjust the speed to maximum when turning or operating in reverse.

## Battery Indicator

The battery level indicator will show the battery level when the scooter is on. When green, yellow and red are showing the battery is fully charged. When yellow and red are showing, the battery is  $\frac{1}{2}$  charged. Red means the battery needs to be charged.

Battery Indicator



## Brakes

The rear disc brakes are controlled by the hand brake on the left side of the handle bar. Squeeze the lever towards you to stop the scooter. The parking brake will lock the rear wheels in place and will prevent rolling. It also acts as a cut-off switch, the parking brake will need to be released before the scooter will run. The parking brake is on the left handgrip, beyond the hand brake. To engage – squeeze handbrake fully and then press in black parking brake lever. To release the parking brake squeeze the handbrake.

Hand Brake



## Horn

The horn button is the green button on the left side of the hand grip. When you press the button, the horn will sound.

Horn



## Headlight

The headlight turns on by pushing the lever on the handlebar up for on and down for off.

Up For On



Down For OFF





## 5. Folding and Unfolding the Triaxe Sport

### To Open the Triaxe Sport

1. Pull front handlebar tube forward and squeeze front lever towards steering tube until it locks in place.
2. Raise seat back
3. Lift seat straight up until it locks in place
4. Pull handlebars up to a comfortable height and lock into place by squeezing lock lever on handlebar tube.

### To Fold the Triaxe Sport

1. Locate the lever under the seat as shown in picture below.
2. Squeeze lever and lower seat
3. Fold Seat back down.
4. Release handlebar height adjustment lever and lower handlebar.
5. Lower handlebar towards seat.
6. Front guard can be used as handle to transport the Triaxe Sport like rolling luggage.





## 6. Safety Requirements

### Driving Surface

The Triaxe Sport has the best stability under the normal driving conditions (dry, level ground with concrete or asphalt). Extra care must be taken when riding on other surfaces (grass, gravel, etc).



Do not exceed the specified climbing angle (0-18 degrees).  
Please read the manual instruction completely before operation.

- Check the physical conditions before driving the scooter.
- ***ALWAYS SLOW DOWN BEFORE TURNING.***
- ***ALWAYS TURN THE KEY OFF AND SET PARKING BRAKE BEFORE GETTING ON OR OFF THE SCOOTER.***
- Triaxe Sport Scooters can be used in the short grass and hard gravel safely with caution.
- Avoid driving in loose gravel, covered soil and sandstone.
- Do not drive the scooter in unknown road conditions.
- Triaxe Scooter can ride over small obstacles within a certain height, but you must minimize the speed and slowly drive over the obstacle.
- Do not operate the scooter before you have fully read and understand this manual.
- Do not carry additional riders on the scooter, chassis or lap.
- Do not operate while under the influence of alcohol or drugs.
- Ensure the seat is fixed and fastened.
- Slow down when operating on uneven or soft ground.
- Do not park on slopes.
- Changing the initial setting or refitting your scooter is forbidden.
- Use caution when operating near busy streets, markets or shopping centers. Do not operate in unsafe areas. Please consult local authorities about the traffic rules for scooters.
- Hold the handlebar with both hands and put both feet on the footboard when operating.
- Never sit on the Triaxe Sport in a moving vehicle.
- Do not exceed the maximum gradient when driving
- Do not exceed the Triaxe Sports maximum weight capacity of 350lbs. This weight includes rider, accessories and baggage.
- Do not reverse on uneven slopes or uneven ground; be careful when passing over slopes.
- Never use the Triaxe Sport to go up and down stairs.
- Never take your Triaxe Sport on an escalator.
- Do not operate on frozen, slippery or salty ground.
- Never charge a frozen battery.

## 7. Battery Maintenance & Charging

The Triaxe Scooter is designed to use one maintenance free 48v/20AH lithium Ion Battery. It comes with an easy to use 48V-2AH charger.

- Charge the battery completely before the first operation. Not charging the battery completely prior to operating your Triaxe Sport for the first time can cause damage to the battery.
- Be sure the key is in the off position before charging your Triaxe Sport.
- Take Battery off charger if storing the Triaxe Sport for a long period.

### Charging your Triaxe Sport

1. Turn of the Triaxe Sport and remove the key.
2. Plug the charger into the rear of the battery.
3. Battery can be removed and charged off the scooter
4. Plug AC power outlet into household power outlet. Red light on the charging block indicates power on and the unit is charging. The green light means the battery is fully charged.
5. Unplug the Transformer when charging is complete



Match the charger socket and charger plug properly. Do not force.

### Guide to Safe and Long Lasting Battery

#### How does the charger work?

When the battery voltage is low, the battery charger outputs a large current to charge the battery. When the battery voltage is near full, the battery charger outputs a small current. When the battery is full, the battery charger will output very little current. Therefore, the battery will continually charge after connecting the charger, but will not overcharge. It is better to charge the battery for less than 24 hours

#### How does the indicator light (LED) on the charger block display?

There are two LED indicator lights on the charging block. The red light indicates that the scooter is charging. The green light indicates the battery is fully charged.

#### Can other chargers be used?

In order to charge safely and efficiently, use the charger supplied by the original manufacturer only.

### **How often should you charge the battery?**

The charge time depends on the use.

- If you're operating the scooter every day, charge after each use so it will have a full charge the next day. The time to charge the battery fully can vary from 4 up to 8 hours.
- If you're operating the scooter once a week, then the battery should be charged once a week.
- Be sure the battery is fully charged before operating.

### **How can you get the maximum operating distance?**

Driving conditions such as hills, uneven and soft surface, temperature and user weight will affect the distance or running time for battery life.

### **Methods of obtaining the maximum driving distance**

- Fully charge your battery before operating the Triaxe Sport.
- Maintain a constant speed when possible.
- Only carry the necessities to reduce weight.
- Avoid intermittent driving.

### **Why is the power of the new battery weak?**

Deep-cycle batteries use unique chemical technology and design. It can be charged quickly and be used for a long time after full-charge. The battery is fully charged before leaving the factory, but may change its initial performance during the transportation due to the temperature. The power of the battery will lessen in high temperatures and it will extend the charging time in low temperatures. The battery requires a few days to adapt to the surrounding environment before it gets stable performance.

More importantly, a deep cycle battery will get higher performance after several charging - discharging cycles.

### **Please follow the steps below to improve the battery performance:**

- A new battery must be fully charged before using
- Low speeds are recommended for the first time. Do not travel too far until you are familiar with the operation of the scooter and the battery.
- Fully charge the battery after operating Triaxe Sport the second time.
- The battery capacity will reach 100% and extend the driving time after four to five charging and discharging cycles.

### **How to ensure the battery life**

A fully charged battery will provide better performance and extend battery life.

### **How to store scooter and battery**

- Charge your battery fully before you store it.
- Remove battery from the Triaxe Sport.

- Store your scooter and battery in warm, dry place.
- Avoid storing the scooter in area an with temperature variations.



Do not dismantle the Li-polymer battery and do not add water. Failure to observe this warning will void the warranty and damage the battery and scooter.



If battery is frozen, warm for several days before charging.

## 8. Maintenance

With care and regular maintenance the Triaxe Sport is designed to provide years of enjoyment. The following will keep your Triaxe Sport running at optimum levels.

### Battery

- Make sure battery is fully charged.
- Store the battery in a dry environment.
- Check electrode connections for corrosion.
- Never charge a frozen battery (warm for a couple days before charging).

### Seat

- Clean seat cover with clean, damp cloth.

### Cleaning

- A clean, damp, non-abrasive cloth works best to wash and clean the Triaxe Sport.
- Do not wash your Triaxe Sport with a water hose as this may create an electrical short and damage the electrical system.

### Wiring

- Check all wire connections and wiring insulation for wear and damage regularly. This includes the charger power cord.

### Motor, Bearings and Transmission parts

- These components have been lubricated and sealed by the factory, there is no need to lubricate these parts.
- Store in dry environment. Be sure electric components avoid moisture. If they come into contact with moisture, dry before use.

## 9. Basic Troubleshooting

Power stops while operating

- Make sure key is in the ON position.
- Make sure battery is properly inserted.
- Make sure battery is properly charged.

Slow speeds while driving

- Make sure battery is properly charged.

If you continue to have trouble with your Triaxe Sport, contact Enhance Mobility at 800-296-4151 or your authorized Triaxe dealer.

## 10. Warranty

Our standard warranty is as follows...

**Triaxe Sport Scooter**

**1 year parts for all components**

**6 month warranty for battery**

**3 year warranty on frame**

Enhance Mobility will ship the parts directly to the customer or to the service center of their choice. Enhance Mobility will provide technical assistance and documentation to ensure the scooter is repaired properly.

If after calling in to the Enhance Mobility Service line 800-296-4151- Option 2 and speaking to a service representative it may be determined that the repair is covered under the warranty and requires return to the factory. In this case the customer will prepay for shipping to and from Enhance Mobility. Shipping Labels will be provided.

Return shipping must be in Original Packing to protect against damage. Enhance Mobility is not responsible for damage caused by shipping. Enhance Mobility will perform the necessary labor and replace covered parts at its expense and ship back to the customer.

## **11. In Home Warranty**

The In Home Warranty must be purchased at time of sale. This will enhance the standard warranty and provide in home technical service for covered warranty repairs. This is available in the continental USA. In the event that there is no coverage in your area, Enhance Mobility will pay for shipping to return the scooter to our Service Center for repair and ship back to you.