

# OWNER'S MANUAL

## LT MOTO

JE100



**Read and understand this entire manual before riding!**  
**DON NOT RETURN TO STORE!**

NOTE: Manual illustrations are for demonstration purposes only. Illustrations may not reflect exact appearance of actual product. Specifications subject to change without notice.

Please have your digit product I.D. code ready before contacting supplier for warranty assistance and/or replacement parts.

PN:74300-J10-000\_V1.0

Do not allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with moving parts, like wheels, or drivetrain, chain while the motor is running.

Never use headphones or a cell phone when riding.

Never hitch a ride with a vehicle.

Do not ride your scooter in wet or icy weather and never immerse the scooter in water, as the electrical and drive components could be damaged by water or create other possibly unsafe conditions. Never risk damaging surfaces, such as carpet or flooring, by use of an electric scooter indoors.

#### PROPER RIDING ATTIRE

Always wear proper protective equipment, such as an approved safety helmet (with chin strap securely buckled), elbow pads and kneepads. A helmet may be legally required by local law or regulation in your area. A long-sleeved shirt, long pants, and gloves are recommended. Always wear athletic shoes (lace-up shoes with rubber soles), never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

**Note: JE100 electric scooter must be traveling up to 3 mph before motor will engage. Adjust the chain after 3 miles to ensure the best state of the scooter.**

#### USING THE CHARGER

The charger supplied with the electric scooter should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the scooter must not be charged until the charger has been repaired or replaced.

**Note: Use only with the recommended charger.**

Use caution when charging.

The charger is not a toy. Charger should be operated by an adult.

Do not operate charger near flammable materials.

Unplug charger and disconnect from scooter when not in use.

Do not exceed 24 hours for charging.

Always disconnect from the charger prior to wiping down and cleaning your scooter with damp cloth.

**FAILURE TO USE COMMON SENSE AND IGNORE THE ABOVE WARNINGS INCREASE RISK OF SERIOUS INJURY. USE APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.**

#### BEFORE YOU BEGIN

Check first whether the packing container is squeezed or broken. Remove contents from box. Remove the foam separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents or kinked cables that may have occurred during shipping. Because the scooter was assembled and packed at the factory, there should not be any problems, even if the box has a few scars or dents.

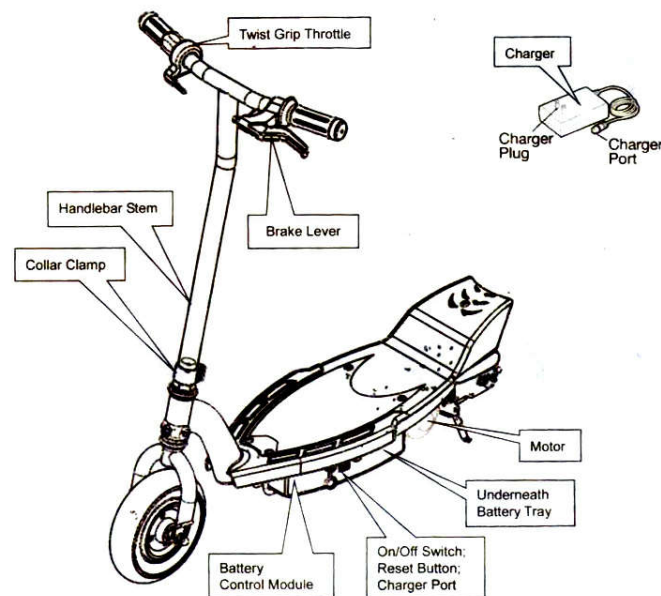
**MAKE SURE POWER SWITCH IS TURNED "OFF" BEFORE CONDUCTING ANY ASSEMBLY OR MAINTENANCE PROCEDURES.**

#### Estimated Assembly and Set-Up

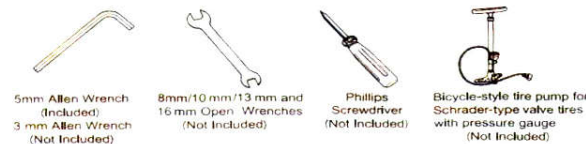
We recommend assembly by an adult with experience in bicycle mechanics.

Allow up to 10 minutes for assembly, not including initial charge time.

Allow up to 12 hours for charge.



#### Required Tools



## CHARGE BATTERY AND CHECK TIRE

### Charging the battery prior to use

- Initial charge time: 12 hours
- Recharge time: The first 3 times charge should not be less than 12 hours, which is the expanding for the battery. After that, charge is ok when the light turns green. Recommended maximum charging time is 24 hours.
- Do not charge when the charger is faulty.
- Fully charge battery before storing for extended periods of time.
- Failure to recharge battery periodically may result in a battery that will not accept a charge.
- Unplug and put away charger from the wall outlet when not in use.
- Make sure scooter power switch is turned OFF when unit is not in use. If the power switch is left on for an extended period of time, the battery may reach a stage at which it will no longer hold a charge.
- To ensure long battery life, never store the product in freezing or below freezing temperatures! Freezing will permanently damage the battery.
- Constant stopping and starting may shorten ride time.
- Average battery life for a properly maintained unit is approx. 250 charge/discharge cycles.

**WARNING:** Rechargeable batteries are only to be charged under adult supervision. Always disconnect your scooter from the charger before cleaning with damp cloth

**Note:** If you want a new charger, you will be supplied with one. The specifications and charging procedure would not change. The charger has a small window with one LED to indicate the charge status. Refer to the illustration on the charger unit for the actual "charging" and "charged" status indications for your model charger. Chargers have built-in over-charge protection to prevent battery from being over-charged.

Charger may get warm during use. This is normal for some chargers and is no cause for concern. If your charger does not get warm during use, it does not mean that it is not working properly.

**WARNING:** Failure to properly tighten the collar clamp may allow the handlebars to dislodge while riding and may cause you to lose control and fall. When correctly tightened, the handlebars will not rotate out of alignment with the front wheel under normal circumstances.

**Note:** The cable and wire assembly from the handlebar must not wrap around the steering tube or handlebar. Sharp bends or twisting of the brake cable can cause the brakes to malfunction.

### Checking Tire Pressure

The front tire is inflated when shipped, but it invariably may lose some pressure between the point of manufacturing and your purchase. Always inflate tire to the correct PSI before use.

**Note:** For good riding, you shall keep the tire pressure at a proper level.

## ASSEMBLY AND SET-UP

### Attaching the Handlebar

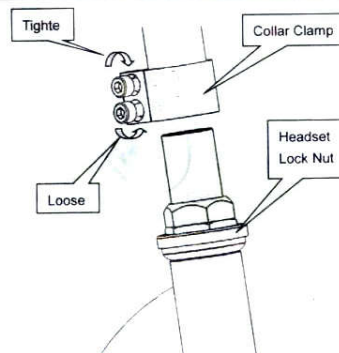
Tools required: 5 mm Allen Wrench

- Loosen the collar clamp and slide it upward. With a clock-wise twisting motion, push and "thread" the steering tube onto the fork until it bottoms out on the fork headset lock nut.
- With the front wheel pointed straight ahead and the handlebars square to the front wheel, tighten the clamp. Tighten securely.

### Inflating the Tires

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

**NOTE:** Tighten Securely.



## PRE-RIDE CHECKLIST

### Brake

Check the brakes for proper function. When you squeeze the lever, the brake should provide positive braking action. Make sure that brakes are not rubbing.

### Frame, Fork and Handlebars

Although broken frames are rare, it is possible for an aggressive rider to run into a curb or wall and wreck, bend or break a frame. Get into the habit of inspecting your scooter on a regular basis.

### Tires

Periodically inspect the tires for excess wear and regularly check the front tire pressure. Re-inflate as necessary.

### Hardware

Check all parts such as nuts, bolts, cables, fasteners, etc. to ensure they are secure and assembled correctly. If the unit is damaged do not ride.

### Laws and Regulations

Always check and obey any local laws or regulations.

### Insurance

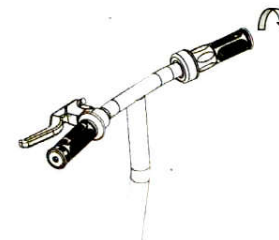
Do not assume that your existing insurance policies necessarily provide coverage for scooter use. Check with your insurance company for information regarding insurance.

## RIDING NOTE

### Start Scooter

To start unit, turn on power switch; place both hands on handlebars and kick start the unit using one foot to push scooter forward while applying the throttle with right hand. The scooter must accelerate to 3mph/5kph for motor to engage.

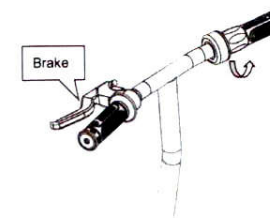
**NOTE:** Electric scooter must be moving at 3 mph/5 kph while engaging throttle to engage motor.



### Stop Scooter

To stop unit, release the throttle and apply the brake until the unit comes to a complete stop.

Meanwhile, keep balance of the scooter and human body, which is a guarantee for a successful stop.



**NOTE:** As an additional safety feature, the scooter is designed to cut power to the motor when the hand brake is applied.

## REPAIR AND MAINTENANCE

**NOTE :** Turn power switch "OFF" before repair and maintenance.

### Adjusting the Brakes

• Tools required: 10mm open-end wrench

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

2 If brake is too light or has too much slack, use a 10 mm open-end wrench to loosen the brake cable and adjust accordingly.

3 Inspect the brake pads for proper alignment against the wheel or excess wear. To realign brake pads, loosen the fixing nut and adjust the pad to contact the rim. Retighten and readjust as needed. Verify proper brake function prior to riding the scooter.

### Chain and Rear Wheel Replacement

• Tools required: Phillips screwdriver and two 13 mm open-end wrenches

1 With a Phillips screwdriver, loosen the two screws and remove the chain guard.

2 Using two 13 mm open-end wrenches, loosen the locknuts by turning the wrenches counter clockwise.

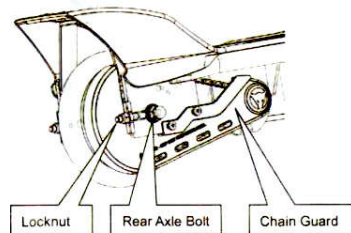
• To loosen the chain, push the tensioner down to create some slack in the chain.

3 Remove wheel and install replacement wheel. (Note the sequence of the hardware)

4 Push the chain tensioner down to install the chain on both sprockets.

5 With two 13 mm open-end wrenches, re-tighten the locknuts.

6 Re-attach the chain guard.



### Battery Care and Disposal

Do not store in freezing or below freezing temperatures. To properly maintain your battery and ensure maximum battery life, carefully read the "Charging the Battery" section in this manual.



CONTAINS SEALED LEAD ACID BATTERIES. BATTERIES MUST BE RECYCLED.

**Disposal:** Your Razor product uses sealed lead-acid batteries which must be recycled or disposed of in an environmentally safe manner. Do not dispose of a lead-acid battery in a fire. The battery may explode or leak. Do not dispose of a lead-acid battery in your regular household trash. The incineration, land filling or mixing of sealed lead-acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a government approved lead-acid battery recycler or a local seller of automotive batteries. It is prohibited to throw away lead-acid batteries in the municipal waste stream.

## REPAIR AND MAINTENANCE

### Charger

The charger supplied with the electric scooter should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the product must not be charged until it has been repaired or replaced.

Use ONLY the charger supplied with this product or a replacement specified by the supplier.

### Wheels

Wheels and drive system are subject to normal wear and tear. It is the responsibility of the user to periodically inspect wheels for excess wear, and to adjust and replace drive train components as required.

### Parts Replacement

Check first to see whether the parts are still under warranty.

Within warranty period, if it is quantity problem caused not by human error, you will get free parts; otherwise, you need pay for necessary cost.

For the complete selection of replacement parts, contact the manufacturer or supplier.

### Repair Centers

• Check to see whether it is still under warranty.

• Contact the manufacturer or supplier.

**WARNING:** If a battery leak develops, avoid any contact with leaking acid and place the damaged battery in a plastic bag. Refer to the disposal instructions at left. If acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

**WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds. Wash your hands after handling.



## TROUBLESHOOTING GUIDE

\* Unit(s) should be turned off and fully charged prior to doing any Troubleshooting  
NOTE: All troubleshooting steps should be performed by an adult only

Problem	Possible Cause	Solution
Does Not Work Out Of The Box	Unit must be traveling up to 3 mph before motor will engage	Kickstart to 3 mph while applying the throttle to engage motor
	Loose connection(s)	Check for loose connections/wires underneath the deck plate.
No Longer Works	Loose connection(s)	Check for loose connections/wires underneath the deck plate
	Charger not working	Check power to wall outlet and/or try a different outlet Check lights on charger: Plugged into wall = Green Plugged into wall & unit = Red = Charging Charging Complete = Green No lights/Blinking lights - Replace Charger With no weight on the unit, carefully lift up the back end; manually (and carefully, of course) spin rear wheel and apply throttle to engage the motor. If motor engages - Replace Battery
	Tripped reset button	The reset button will trip if the motor is overloaded. An excessive overload may be caused, for example, by too heavy a rider, too steep a hill, etc. Wait a few seconds then press reset button. Correct riding conditions to prevent overload
	Battery will not hold a charge	If motor does not engage, but makes a clicking sound - Replace Battery. If motor does not engage, no clicking sound - Replace Control Module & On/Off Switch
Short Ride Time/Runs Slow	Riders weight	Do not exceed 120 lbs maximum weight limit
	Riding conditions	Use only on flat, dry surfaces. Avoid inclines and areas with heavy debris
	Battery not fully charged	Charge unit for a full 12 hrs
	Old/damaged battery	With no weight on the unit, carefully lift up the back end manually (and carefully, of course) spin rear wheel and apply throttle to engage the motor. If motor engages - Replace Battery Charge battery periodically when not in use
	Tire is not properly inflated	Tire will lose some pressure over time. Verify correct tire pressure
	Improper battery maintenance	Do not store unit in freezing or below freezing temperatures. Freezing will permanently damage the battery and greatly reduce ride time. Refer to "Charging the Battery"
Runs Intermittently	Brake dragging	Refer to "adjusting the brake"
	Loose connection(s)	Check the wires around the throttle and connectors underneath the deck plate Replace - Twist Grip Throttle

## JE100 PARTS

Maintain your scooter with genuine parts.  
Refer to pictures below.

1. Frame	2. Handlebar Stem	3. Front Fork
4. Deck Plate	5. Collar Clamp	6. Battery Layer (mental)
7. Spongy Cushion	8. Limiter	9. Battery Tray
10. Handlebar Grip (right)	11. Handlebar Grip (left)	12. Single Speed Twist Grip Throttle
13. Brake Lever Assembly	14. Chain Guard	15. Kickstand
16. Headset (upper)	17. Headset (lower)	18. Battery
19. Chain	20. Rear Wheel Complete	21. Front Wheel Steel Rim
22. Front Wheel Tire	23. Front Wheel Tube	24. Motor
25. Control Module	26. Over Current Protector	27. On/Off Switch
28. Charger Port		

