



Manuals.plus /

› VELECO /

› VELECO ZT15 Mobility Scooter User Manual

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VELECO ZT15 Mobility Scooter User Manual

Model: ZT15 | Brand: VELECO

INTRODUCTION

Thank you for choosing the VELECO ZT15 3-wheel mobility scooter. This manual provides essential information for the safe operation, maintenance, and care of your new scooter. Please read it thoroughly before using the vehicle to ensure optimal performance and longevity.

SAFETY INFORMATION

Your safety is paramount. Always adhere to the following safety guidelines:

- Always wear appropriate safety gear, such as a helmet, when operating the scooter.
- Familiarize yourself with all controls before riding.
- Do not operate the scooter under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Ensure the battery is fully charged before long journeys.
- Avoid sudden stops or turns, especially at high speeds.
- Be aware of your surroundings and potential hazards.
- The scooter is equipped with an anti-theft alarm and steering wheel lock. Utilize these features for security.

PRODUCT FEATURES

The VELECO ZT15 is designed with advanced features for comfort, safety, and convenience:

- **Modern Drive:** Powered by a silent and powerful 800W motor for impressive power and acceleration.
- **Automatic Magnetic Motor Brake for Inclines:** Advanced magnetic motor brake system ensures safe driving even on slopes by preventing the scooter from rolling back when brake levers are not applied.
- **Theft Detection:** Equipped with two security systems to protect against theft: a loud alarm system and a steering wheel lock.

- **Full Vehicle Lighting:** Essential for visibility in various traffic situations, increasing safety for all road users.
- **2 Speed Gears and Reverse Gear:** Two speed gears allow you to adjust speed as needed. A reverse gear is also installed for better maneuvering.
- **Fully Assembled and Ready to Drive:** Delivered fully assembled and ready to ride. Only exterior mirror adjustment is needed.
- **Ample Storage Space:** Features lockable storage under the seat and an additional metal basket on the backrest. A practical cup holder is also included.
- **Digital Speedometer Display:** Keep an eye on all important information while driving, such as current speed or battery display.
- **Lead-Acid Batteries:** Equipped with lead-acid batteries. Charging takes approximately 6 to 8 hours from any household outlet.



Figure 1: The VELECO ZT15 Mobility Scooter, showcasing its overall design and three-wheel configuration.



Figure 2: Side view of the VELECO ZT15, highlighting the comfortable seat and rear storage basket.



Figure 3: Close-up of the digital speedometer display, showing speed and battery indicators.



Figure 4: Detailed view of the handlebar controls, including the start button and light switches.



Figure 5: The ignition key slot for starting and securing the scooter.

SETUP

The VELECO ZT15 is delivered fully assembled and ready to drive. Follow these steps for initial preparation:

1. **Unpacking:** Carefully remove the scooter from its packaging.
2. **Mirror Adjustment:** Adjust the exterior mirrors to your preferred driving position for optimal rear visibility. Ensure they are securely tightened.
3. **Initial Charge:** Before the first use, fully charge the battery. Refer to the "Charging the Battery" section for detailed instructions.
4. **Familiarization:** Sit on the scooter and familiarize yourself with the location and function of all controls (throttle, brakes, lights, horn, speed gears, reverse).

OPERATING INSTRUCTIONS

Starting the Scooter

1. Insert the key into the ignition and turn it to the "ON" position.
2. Ensure the kickstand is up (if applicable).
3. Gently twist the throttle handle to accelerate.

Driving

- **Speed Gears:** The ZT15 has two speed gears. Use the speed selector switch (usually on the handlebar) to choose between lower and higher speeds according to your environment and comfort.
- **Braking:** Apply the brake levers gently and evenly to slow down or stop. The automatic magnetic motor brake system assists on inclines, preventing rollback.
- **Reverse Gear:** To engage reverse, activate the reverse switch (refer to your scooter's specific control layout). Use reverse for maneuvering in tight spaces. Always proceed slowly and cautiously when in reverse.
- **Lighting:** Use the full vehicle lighting system (headlight, taillights, turn signals) to ensure visibility, especially in low-light conditions or when signaling turns.

Parking and Security

- Once parked, turn the ignition key to the "OFF" position and remove it.
- Engage the steering wheel lock for added security.
- Utilize the anti-theft alarm system when leaving the scooter unattended.

CHARGING THE BATTERY

The VELECO ZT15 uses lead-acid batteries. Proper charging ensures battery longevity and optimal performance.

1. Locate the charging port on your scooter.
2. Connect the charger to the scooter's charging port.
3. Plug the charger into a standard household electrical outlet.
4. The charging process typically takes approximately 6 to 8 hours for a full charge. Refer to the charger's indicator lights for charging status.
5. Once fully charged, disconnect the charger from the outlet first, then from the scooter.
6. Avoid overcharging the battery.

STORAGE

When storing your VELECO ZT15, especially for extended periods, consider the following:

- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the battery is fully charged before storage. For long-term storage, periodically charge the battery (e.g., once a month) to maintain its health.
- Clean the scooter thoroughly before storage.
- Utilize the lockable storage space under the seat and the metal basket for personal items when in use.

MAINTENANCE

Regular maintenance will keep your VELECO ZT15 in excellent condition:

- **Cleaning:** Clean the scooter regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Tire Pressure:** Check tire pressure periodically and inflate to the recommended levels (refer to tire sidewall or specifications). The scooter has 10-inch wheels.
- **Brakes:** Regularly inspect the brake system for wear and proper function. Ensure brake levers operate smoothly.
- **Battery:** Follow charging guidelines to maximize battery life. Avoid fully discharging the battery frequently.
- **Fasteners:** Periodically check all nuts, bolts, and fasteners to ensure they are tight.
- **Professional Service:** For complex repairs or electrical issues, consult a qualified technician.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Scooter does not start.	Battery is low or dead; Ignition key not fully turned; Safety switch engaged.	Charge the battery; Ensure key is fully "ON"; Check kickstand or other safety switches.
Reduced range or power.	Battery not fully charged; Battery degradation; Overloaded scooter.	Fully charge battery; Consider battery replacement if old; Reduce load.
Brakes feel spongy or ineffective.	Brake pads worn; Brake cable adjustment needed.	Inspect and replace brake pads; Adjust brake cable tension; Consult technician.
Alarm sounds unexpectedly.	Accidental activation; Sensor malfunction.	Deactivate and reactivate alarm; Check for loose connections; Consult technician if persistent.

SPECIFICATIONS

Key technical specifications for the VELECO ZT15 Mobility Scooter:

- **Model Name:** VELECO ZT15
- **Manufacturer:** VELECO
- **Motor Power:** 800W
- **Dimensions (L x W x H):** 170 x 70 x 130 cm (66.9 x 27.6 x 51.2 inches)
- **Item Weight:** 104 Kilograms (229.3 lbs)
- **Maximum Weight Recommendation:** 104 Kilograms (229.3 lbs)
- **Wheel Size:** 10 Inches
- **Battery Type:** Lead-acid
- **Brake Style:** Electric Brake / Automatic Magnetic Motor Brake
- **Available Colors:** Red, Blue, White
- **Material:** Metal

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or service inquiries, please contact VELECO customer service through their official website or the contact information provided with your product.

Online Support: www.veleco.com