

VELECO ZT63

VELECO ZT63 Mobility Scooter User Manual

Model: ZT63

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your VELECO ZT63 3-wheel mobility scooter. Please read this manual thoroughly before using the scooter to ensure proper handling and to prevent injury or damage.

The VELECO ZT63 is a high-quality, fully assembled mobility scooter designed for ease of use and comfort, featuring a robust design and advanced suspension system.

2. SAFETY INFORMATION

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

- Always wear appropriate safety gear, including a helmet, when operating the scooter.
- Ensure the scooter is fully charged before each use to avoid unexpected power loss.
- Do not exceed the maximum load capacity of 199 kg.
- Operate the scooter at a safe speed, especially in crowded areas or on uneven terrain. The maximum speed is 12 km/h.
- Be aware of your surroundings and avoid distractions while driving.
- Use the brakes smoothly and anticipate stops. The scooter features disc front brakes and drum rear brakes.
- Avoid operating the scooter under the influence of alcohol or medication that may impair your judgment.
- Regularly inspect tires, brakes, and lights for proper function.
- Do not modify the scooter in any way, as this may compromise its safety and void the warranty.
- Secure the scooter with the alarm and handlebar lock when unattended to prevent theft.

3. PRODUCT OVERVIEW

The VELECO ZT63 is a 3-wheel mobility scooter designed for comfort and reliability. Key features include:

- **Powerful Motor:** 650W motor with a rated voltage of 60V.

- **Extended Range:** Up to 40-50 km on a single charge.
- **High Load Capacity:** Supports up to 199 kg.
- **Comfortable Seating:** Wide, comfortable seat for extended use.
- **Advanced Suspension:** Reliable on various terrains.
- **Safety Features:** Large wheels, powerful brakes (front disc, rear drum), alarm, and handlebar lock.
- **Adjustable Speed:** Two speed levels for different road conditions.
- **Easy Maneuverability:** Includes reverse gear.



Figure 3.1: Front view of the VELECO ZT63 mobility scooter, showing the headlight, turn signals, and front wheel.



Figure 3.2: Side view of the VELECO ZT63 mobility scooter, highlighting the comfortable seat, footrest, and three-wheel configuration.



Figure 3.3: Rear view of the VELECO ZT63 mobility scooter, showing the rear wheels, taillights, and storage compartment.

4. SETUP

The VELECO ZT63 mobility scooter is delivered fully assembled and ready to use. Follow these steps for initial preparation:

1. **Unpacking:** Carefully remove the scooter from its packaging. Inspect for any shipping damage.
2. **Initial Charge:** Before first use, fully charge the battery. Connect the charger to the scooter's charging port and then to a standard electrical outlet. The charging time is typically 6-8 hours.
3. **Tire Pressure Check:** Ensure tires are inflated to the recommended pressure. Refer to the tire sidewall for specifications.
4. **Control Familiarization:** Sit on the scooter and familiarize yourself with the handlebar controls, including the throttle, brakes, lights, horn, and speed selector.

5. OPERATING INSTRUCTIONS

Operating your VELECO ZT63 scooter is straightforward. Always practice in a safe, open area before riding in public.

5.1 Starting the Scooter

1. Insert the key into the ignition and turn it to the "ON" position.
2. Check the dashboard display for battery level and readiness indicator.
3. Ensure the kickstand (if present) is up.



Figure 5.1: Dashboard display showing speed, battery level, and readiness indicator.

5.2 Driving Forward

1. Gently twist the throttle on the right handlebar to accelerate.
2. Use the speed selector switch (usually on the handlebar) to choose between the two available speed levels. Start with the lower speed setting until you are comfortable.
3. Steer by turning the handlebars.

5.3 Braking

1. To slow down or stop, release the throttle and gently squeeze the brake levers on both handlebars.
2. The left lever typically controls the rear drum brake, and the right lever controls the front disc brake. Use both for balanced and effective stopping.

5.4 Reverse Gear

The scooter is equipped with a reverse gear for easy maneuvering in tight spaces.

1. Ensure the scooter is stationary.

2. Engage the reverse switch (refer to your scooter's specific control layout, usually a button or switch near the throttle).
3. Gently apply the throttle. The scooter will move backward at a reduced speed.
4. Disengage the reverse switch to return to forward operation.

5.5 Parking and Security

1. Turn the ignition key to the "OFF" position and remove it.
2. Engage the handlebar lock (if available) for added security.
3. Activate the alarm system if leaving the scooter unattended.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VELECO ZT63 scooter.

6.1 Battery Care

- Charge the 5 x 20 Ah / 12 V lead-acid gel batteries after every use, even if only for a short period.
- Avoid completely draining the battery, as this can reduce its lifespan.
- Store the scooter in a cool, dry place when not in use, and ensure the battery remains charged.
- If storing for an extended period, charge the battery at least once a month.

6.2 Tire Maintenance

- Regularly check tire pressure (size 3.0-10"). Correct pressure improves range and handling.
- Inspect tires for wear, cuts, or punctures. Replace worn tires promptly.

6.3 Brake System

- Periodically check brake levers for proper tension and responsiveness.
- Ensure brake pads (for disc brake) and shoes (for drum brake) are not excessively worn. Consult a qualified technician for brake adjustments or replacements.

6.4 General Cleaning

- Clean the scooter regularly with a damp cloth and mild detergent.
- Avoid using high-pressure washers directly on electrical components.
- Keep all moving parts free from dirt and debris.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your VELECO ZT63 scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is discharged; ignition key not fully turned; main circuit breaker tripped.	Charge the battery; ensure key is fully "ON"; check and reset circuit breaker.
Reduced range or power.	Low battery charge; under-inflated tires; heavy load; cold weather.	Fully charge battery; check tire pressure; reduce load; battery performance may be reduced in cold temperatures.

Problem	Possible Cause	Solution
Brakes feel weak or spongy.	Worn brake pads/shoes; air in hydraulic lines (disc brake); loose cable (drum brake).	Have brakes inspected and serviced by a qualified technician.
Unusual noises during operation.	Loose components; motor issue; suspension issue.	Inspect for loose parts and tighten; if noise persists, contact customer support.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact VELECO customer support.

8. SPECIFICATIONS

Detailed technical specifications for the VELECO ZT63 mobility scooter:

Feature	Detail
Model Name	ZT63
Motor Power	650W
Rated Motor Voltage	60V
Maximum Speed	12 km/h (7.5 mph)
Maximum Range	40 - 50 km (25 - 31 miles)
Load Capacity	199 kg (438 lbs)
Dimensions (L x W x H)	185 x 70 x 125 cm (72.8 x 27.6 x 49.2 inches)
Front Brake	Disc
Rear Brake	Drum
Wheel Size	3.0-10 inches (Inflated Tires)
Battery Type	5 x 20 Ah / 12 V Lead Acid Gel
Charging Time	6 - 8 hours
Scooter Weight	94 kg (207 lbs)
Colors Available	Red, Black, White



Figure 8.1: Dimensional diagram of the VELECO ZT63 mobility scooter.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact VELECO customer support directly. VELECO offers full access to spare parts for your scooter.

If you require technical assistance, have questions about operation, or need to order spare parts, please contact VELECO customer service through their official website or the contact information provided in your purchase documentation.