DeLorean DS14-Max

DeLorean DS14-Max Electric Scooter User Manual

Your Guide to Safe Operation and Maintenance

Introduction

Welcome to the DeLorean DS14-Max Electric Scooter user manual. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1.1: The DeLorean DS14-Max Electric Scooter, featuring a comfortable seat, backrest, and a rear utility basket. This image shows the overall design and key components of the scooter.

Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when operating the scooter. Adhere to all local traffic laws and regulations.

- Always perform a pre-ride inspection, including checking brakes, tires, and battery level.
- Do not ride in adverse weather conditions, such as heavy rain or snow.
- Avoid riding on uneven or slippery surfaces.
- Ensure the scooter is fully charged before long rides.
- Do not exceed the maximum weight capacity of 300 pounds (136 kg).
- Keep both hands on the handlebars while riding.
- Familiarize yourself with the controls before operating the scooter in traffic.

- The scooter is UL 2272 Certified for safety.

Package Contents

Upon opening the package, please verify that all components are present and undamaged.

- DeLorean DS14-Max Electric Scooter (main unit)
- AC Charger
- Rear Utility Basket
- Backrest
- Set of Engine Keys
- User Manual (this document)

Setup

Assembly

The DeLorean DS14-Max comes partially assembled. Follow these steps to complete the setup:

1. Carefully remove the scooter and all components from the packaging.
2. Attach the handlebars to the steering column, ensuring all bolts are securely tightened.
3. Install the backrest onto the seat post.
4. Mount the rear utility basket to the designated attachment points at the rear of the scooter. Ensure it is stable and secure.
5. Check all pre-assembled connections for tightness, including wheels and brake components.



Figure 2.1: Side view of the DeLorean DS14-Max Electric Scooter with the rear utility basket and backrest properly installed. This illustrates the scooter's configuration after assembly.

Charging the Battery

Before your first ride, fully charge the scooter's 36V 7.8Ah lithium battery.

- Locate the charging port on the scooter.
- Connect the AC charger to the charging port, then plug the charger into a standard wall outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
- A full charge typically takes 4-5 hours.
- Do not overcharge the battery. Disconnect the charger once charging is complete.

Operating Instructions

Controls Overview

DELOREAN

450W SEATED E-SCOOTER

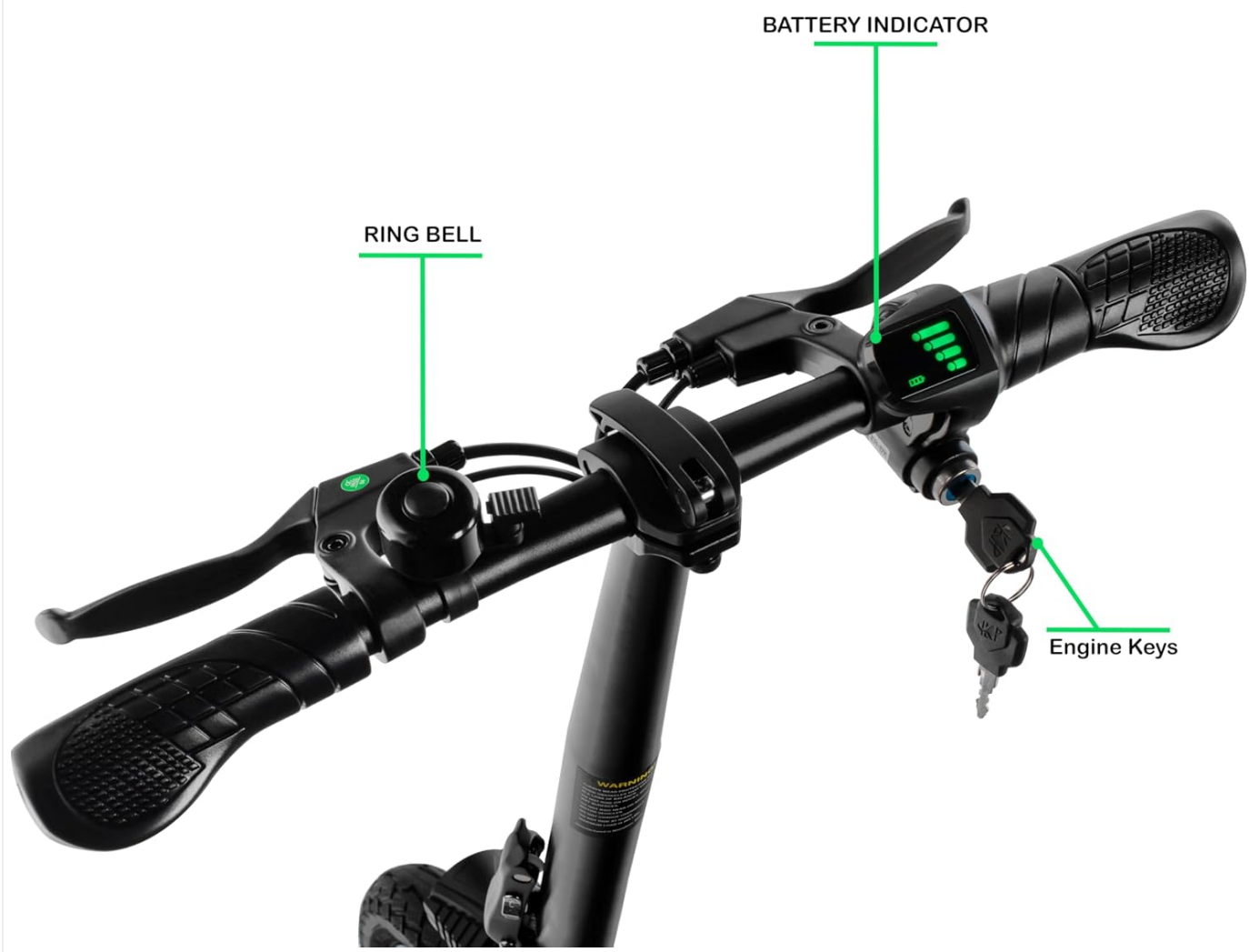


Figure 3.1: Detailed view of the handlebar controls, including the battery indicator display, ring bell, and ignition with engine keys.

- **Ignition:** Insert the engine key and turn to the 'ON' position to power on the scooter.
- **Throttle:** Located on the right handlebar, gently twist to accelerate.
- **Brakes:** Hand levers on both handlebars control the disc brakes for reliable stopping power. The scooter features front braking.
- **Battery Indicator:** A display on the handlebar shows the current battery level.
- **Headlight/Taillight:** The front LED headlight and rear brake light enhance visibility.
- **Ring Bell:** Use the bell to alert pedestrians or other riders.

Riding the Scooter

The DS14-Max is designed for comfortable seated travel.

1. Ensure the kickstand is up before riding.
2. Sit comfortably on the padded seat with the backrest providing support.

3. Turn the ignition key to the 'ON' position.
4. Gently twist the throttle to begin moving. Increase throttle gradually for smooth acceleration.
5. Maintain a balanced posture and keep your feet on the footboard.
6. To slow down or stop, gently squeeze the brake levers.
7. The scooter can reach a maximum speed of 15.5 MPH (25 km/h).
8. The dual rear suspension helps absorb bumps for a smoother ride.



Figure 3.2: A rider demonstrating the comfortable seated position on the DeLorean DS14-Max Electric Scooter, highlighting its ease of use for daily commutes or errands.

Maintenance

Regular maintenance will extend the life of your DeLorean DS14-Max Electric Scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or corrosive cleaners. The scooter has an IPX4 water-resistant rating, meaning it can withstand light splashes, but should not be submerged.

- **Battery Care:**
  - Charge the battery regularly, even if not in use, to maintain its health.
  - Store the scooter in a cool, dry place when not in use.
  - Avoid completely draining the battery before recharging.
- **Tire Pressure:** Check the tire pressure periodically. The 14-inch alloy wheels require proper inflation for optimal performance and safety. Refer to the tire sidewall for recommended pressure.
- **Brakes:** Inspect brake pads and discs for wear. Adjust brake tension as needed to ensure responsive stopping.
- **Fasteners:** Periodically check all nuts, bolts, and screws to ensure they are tight.

Troubleshooting

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

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or dead; Ignition key not turned.	Charge the battery; Ensure the ignition key is in the 'ON' position.
Reduced range or speed.	Low battery charge; Overloaded scooter; Tire pressure too low.	Fully charge battery; Do not exceed weight limit; Inflate tires to recommended pressure.
Brakes feel loose or ineffective.	Brake cable needs adjustment; Worn brake pads.	Adjust brake cable tension; Replace worn brake pads.
Unusual noises during operation.	Loose components; Debris in wheels/brakes.	Check all fasteners; Inspect wheels and brakes for obstructions.

Specifications

Key technical specifications for the DeLorean DS14-Max Electric Scooter.











MAXIMUM SPEED: 15.5 MPH
TIRE SIZE: 14" ALLOY WHEEL
ULTRA-COMFORTABLE SEAT CUSHION
SUSPENSION: DUAL REAR SUSPENSION FOR EASY RIDING
FRONT LED LIGHT, REAR BRAKE LIGHT
DISPLAY: LARGE INTEGRATED LCD DISPLAY WITH BATTERY POWER, VOLTAGE AND SPEED
FRAME: LIGHT-WEIGHT ALUMINUM ALLOY
ACCESSORIES: AC CHARGER, BASKET WITH REFLECTOR, SET OF KEYS
BRAKING SYSTEM: DISC BRAKES
BATTERY TYPE: INTEGRATED INTO FRAME
BATTERY SIZE: 36V 7.8AH RECHARGEABLE LITHIUM BATTERY
CHARGER: 42V 1.5A HIGH CAPACITY CHARGER
BIKE WEIGHT: 48 LBS.

Figure 4.1: A visual summary of key features and specifications of the DeLorean DS14-Max, including details on suspension, seating, and wheel design.

Feature	Detail
Model Name	DS14-Max
Motor Power	450W
Battery	36V 7.8Ah Lithium
Max Speed	15.5 MPH (25 km/h)
Max Range	18-22 Miles (29-35 km)
Charging Time	4-5 Hours
Wheel Size	14 Inches (Alloy Wheels)
Brake Type	Disc Brakes (Front Braking)

Feature	Detail
Suspension	Dual Rear Suspension
Weight Capacity	300 Pounds (136 kg)
Scooter Weight	~58 lbs (26.3 kg)
Water Resistance	IPX4 Rated
Certifications	UL 2272 Certified
Frame Material	Light-weight Aluminum Alloy

Warranty and Support

For warranty information, technical support, or to purchase replacement parts, please contact DeLorean customer service. Refer to your purchase documentation for specific warranty terms and contact details.
Manufacturer: DeLorean
ASIN: B0F3Y1DGYQ

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Where is the battery located on the DeLorean DS14-Max electric scooter?

On the DeLorean DS14-Max, the 36V 7.8Ah lithium battery is integrated into the frame, typically located beneath the footboard (deck) where you place your feet while riding. This design helps maintain a low center...

Read full answer