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› ELEMARA Electric Dirt Bike Model WJL017HEN0X Instruction Manual

ELEMARA WJL017HEN0X

ELEMARA Electric Dirt Bike

MODEL: WJL017HEN0X

Instruction Manual

1. Safety Information

For external use only. Avoid contact with eyes. Keep away from naked flame or direct heat sources.

Always wear a helmet and protective gear (knee & elbow pads) when riding this electric dirt bike.



Image: Child demonstrating proper safety gear while seated on the electric dirt bike.

2. Product Overview

The ELEMARA Electric Dirt Bike features a classic design with LED lights and a power display. It operates with a key start and twist-grip throttle for a realistic riding experience.

Equipped with a 24V 250W chain-driven motor, this motorcycle can reach speeds of up to 15 mph and offers a maximum range of 10 miles. It supports a maximum weight capacity of 150 lbs.

The 12-inch air-filled rubber tires are wear-resistant and designed to handle various terrains, including

brick, board, muddy, asphalt, and grass roads. The bike also features rear seat shock springs and a hand-operated rear brake for enhanced safety and control, along with a soft leather seat for comfort.



Image: Front-side view of the black ELEMARA Electric Dirt Bike.



Image: Detail of the classic vintage heightened handlebars and LED power display.



Image: Visual representation of the powerful chain-driven motor and rear seat shock springs for riding safety.

3. What's in the Box

- Electric Dirt Bike x 1
- Manual x 1

4. Setup and Assembly

Follow these steps to assemble your ELEMARA Electric Dirt Bike. It is recommended to have two people for certain installation steps.

4.1 Unboxing and Component Identification

Carefully open the packaging and remove all components. Identify the main bike body, front wheel, handlebars, shock absorber, and small parts including screws and wrenches.



Image: Overview of all parts included for assembly.

4.2 Shock Absorber Assembly

Install the rear shock absorber. This step requires two people: one to lift the seat and another to insert the shock absorber into the car body. Secure it with the provided screws and nuts using the L-type and Z-type Hex wrenches.

Your browser does not support the video tag.

Video: Detailed instructions on how to install the rear shock absorber.

4.3 Front Guard and Mudguard Assembly

Attach the front guard to the corresponding position on the bike body. Secure it with 4mm*14mm screws from the bottom. Insert the mudguard into its position and secure it.

4.4 Front Wheel Assembly

Remove the front axle with a wrench. Remove protective silicone covers from both sides of the front wheel. Insert the front wheel into the front fork, then insert two washers and two nuts on both sides. Fix the two nuts with an open spanner.

4.5 Handlebar Assembly

Attach the handlebar fixing device D on the car body. One person should insert the handlebar and hold it. The other person should attach two handlebar fixing device C on the car body and insert four 8mm*45mm screws. Fix with a Z-type Hex wrench in diagonal order, ensuring the component aligns with the indentations on the horizontal bar of the handlebar. Connect the two plugs coming from the car body and the handlebar, then tuck the connecting wire into the hole in the car body.

4.6 Battery Connection

Use a screwdriver to remove two screws from the bottom of the seat. Open the seat and match the two red plugs to connect the power. Align the snaps on each side of the seat and insert the seat. Use the screwdriver to secure the seat with two screws.

Your browser does not support the video tag.

Video: Step-by-step guide on how to install the ELEMARA Electric Dirt Bike, including shock absorber, front guard, front wheel, handlebar, and battery connection.

5. Operating Instructions

5.1 Starting the Bike

1. Insert the key into the ignition and turn it once to power on the bike.
2. Flip the red 'ON/OFF' button located on the engine part to engage the power.
3. The LED power display on the throttle will show the battery indicator.
4. Turn the key again to activate the front headlight. The headlight is adjustable to suit rider preference.



Image: Handlebars showing the key ignition and LED power display.

5.2 Riding the Bike

- Use the twist-grip throttle to accelerate. The bike can reach speeds of up to 15 mph.
- The 12-inch air-filled tires are suitable for various road surfaces including concrete, tile, board, rubber, grassland, muddy, mountain, and sandy roads.



Image: The bike's tires are shown on different road surfaces, highlighting their versatility.

5.3 Braking

The bike is equipped with a hand-operated rear brake. Pull the brake lever on the handlebar to engage the brake.

Note: The distance between the handle and the brake lever may be large for very small hands. Ensure the rider can comfortably reach and operate the brake.



Image: Detail of the twist-grip throttle and the rear drum brake for improved security and controllability.

6. Maintenance

6.1 Battery Life Prolongation

- **First Use:** Charge for 6-8 hours to ensure the battery is fully charged.
- **After Every Ride:** Charge for 8-12 hours.
- **Storage:** When the bike is not used for a long time, ensure the car switch is off and the battery power is disconnected. Store the bike in a cool and ventilated environment. If not in use, the battery should be charged once a month.

6.2 Brake Adjustment

If there is too much travel on the brake lever, it needs tightening. Loosen the white nut on the brake lever in an anticlockwise direction to tighten the brake. If there is still too much travel after this adjustment, the nut of the brake cable near the brake disk needs adjusting. Loosen the nut of the brake cable in an anticlockwise direction, tighten the brake cable and hold it on. Rotate the wheel to check the degree of tightness. When you feel a little friction on the wheel, tighten the brake cable in a clockwise direction.

Your browser does not support the video tag.

Video: This video includes a section on brake adjustment methods.

7. Troubleshooting

7.1 Inability to Charge

- Replace the charger or check the wiring.
- Use the charger to continuously charge for 48 hours and then perform a ride test. If the issue persists, replace the battery.

8. Specifications

Feature	Detail
Product Dimensions	44.9 x 23.6 x 29.8 inches
Item Weight	48.7 pounds
Item Model Number	WJL017HEN0X
Manufacturer Recommended Age	13 - 16 years
Batteries	2 12V batteries required (included)
Manufacturer	ELEMARA



How to Better Prolong Battery Lif

- Recommended to charging of 6–8 hours for first use to ensure that the battery is fully charged.
- After every ride, it is recommended to charge for 8–12 hours.
- When the car not used for a long time, it is recommended that the battery is fully charged, the car switch is switched off to ensure that the battery power is disconnected. Placed the car and battery in a cool and ventilated environment for storage. **When not in use, the battery should be charged once a month.**
- **The solution to the inability to charge**
 - a. To replace the charger or check the wiring
 - b. Use the charger to continuously charge 48h and then ride test, if not, replace the battery

Image: Dimensions of the ELEMARA Electric Dirt Bike.