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› [Freego](#) /

› Freego Nova 5 Electric Dirt Bike Instruction Manual

Freego Nova 5

Freego Nova 5 Electric Dirt Bike Instruction Manual

1. INTRODUCTION

Welcome to the Freego Nova 5 Electric Dirt Bike. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric dirt bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: Freego Nova 5 Electric Dirt Bike showcasing its powerful 8000W peak motor, 53MPH max speed, and 70 miles max range.

Video 1: Introduction to the Freego N5 ebike, highlighting its design and key features.

The Freego Nova 5 is equipped with a powerful 4000W nominal (8000W peak) mid-drive motor, a 72V 40AH lithium battery, and advanced hydraulic disc brakes, offering an exhilarating and safe riding experience for adults on various terrains.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local laws and regulations regarding electric dirt bikes. Perform a pre-ride inspection before each use.

- **Helmet Use:** Always wear a certified helmet.
- **Pre-Ride Check:** Inspect brakes, tires, battery, and all fasteners before each ride.
- **Local Regulations:** Adhere to all local traffic laws and regulations for electric vehicles.
- **Weather Conditions:** Exercise caution in wet or slippery conditions.
- **Passenger Limit:** Designed for a single rider. Do not carry passengers.

3. PACKAGE CONTENTS

Your Freego Nova 5 Electric Dirt Bike package includes the following items:

- Freego Nova 5 Electric Dirt Bike (partially assembled)
- 84V/10A Charger
- Assembly Tool Kit (including various wrenches and screwdrivers)
- User Manual
- Pedals
- Front Fender
- Rear Fender
- Headlight
- Reflectors

4. SETUP AND ASSEMBLY

Your Freego Nova 5 comes partially assembled. Follow these steps to complete the assembly:

4.1 Unpacking

1. Carefully open the shipping box and remove all packaging materials.
2. Remove the bike frame and place it on a stable surface.
3. Unpack all accessories and tools from their separate boxes.

Video 2: Step-by-step guide on how to unpack and begin assembling your electric dirt bike.

4.2 Handlebar Installation

1. Attach the handlebar to the stem using the provided bolts and Allen key.
2. Ensure the handlebar is centered and tightened securely.

4.3 Front Wheel Installation

1. Carefully align the front wheel with the fork dropouts.
2. Insert the axle through the wheel hub and fork.
3. Securely tighten the axle nuts. Ensure the brake rotor is correctly seated within the caliper.

4.4 Fender and Headlight Attachment

1. Attach the front fender to the fork using the designated screws.
2. Mount the headlight to the front fork assembly and connect its wiring.
3. Attach the rear fender to the frame above the rear wheel.

4.5 Battery Connection

1. Insert the fully charged battery into its compartment.
2. Secure the battery with the key lock.

3. Connect the main power cable from the battery to the bike's system.

Video 3: Detailed installation guide for the N5 model, covering various assembly steps.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions before riding.

5.1 Powering On/Off

1. Insert the key into the ignition and turn it to the 'ON' position.
2. The display will light up, indicating the bike is ready.
3. To power off, turn the key to the 'OFF' position.

5.2 Display Usage

The integrated display shows vital information:

- **Speed:** Current speed in MPH or Km/h.
- **Battery Level:** Remaining battery charge.
- **Riding Mode:** Indicates current power assist mode (Eco or Sport).

4-Piston Hydraulic Disc Brakes, Equipped With Upgraded Brake Discs (220mm Front And 200mm Rear)

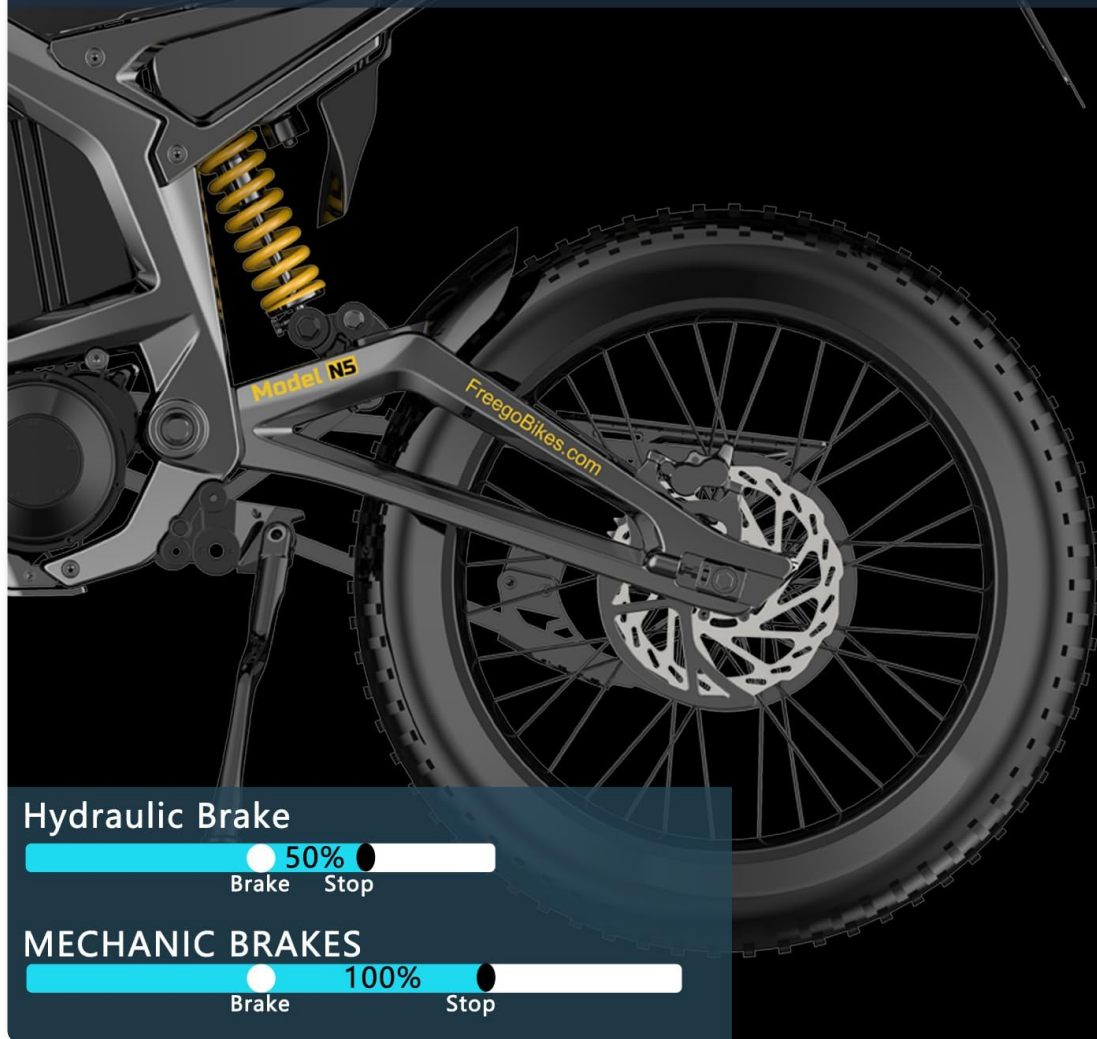


Figure 2: The NFC display provides real-time riding data including speed, battery status, and selected mode.

5.3 Riding Modes

The Nova 5 offers two riding modes:

- **Eco Mode:** Provides extended range (up to 70 miles at 10MPH) for casual riding.
- **Sport Mode:** Delivers maximum power and speed (up to 40 miles at 40MPH) for aggressive riding.

5.4 Braking

The bike is equipped with 4-piston hydraulic disc brakes for reliable stopping power.

- Apply both front and rear brakes simultaneously for optimal stopping performance.
- Avoid sudden, hard braking, especially at high speeds or on loose surfaces.

SAFETY SYSTEM PROTECTION

Front & Rear Full Suspension

KKE Front Suspension, length 780mm Travel 210mm

KKE Rear Suspension, length 265mm Travel 78mm

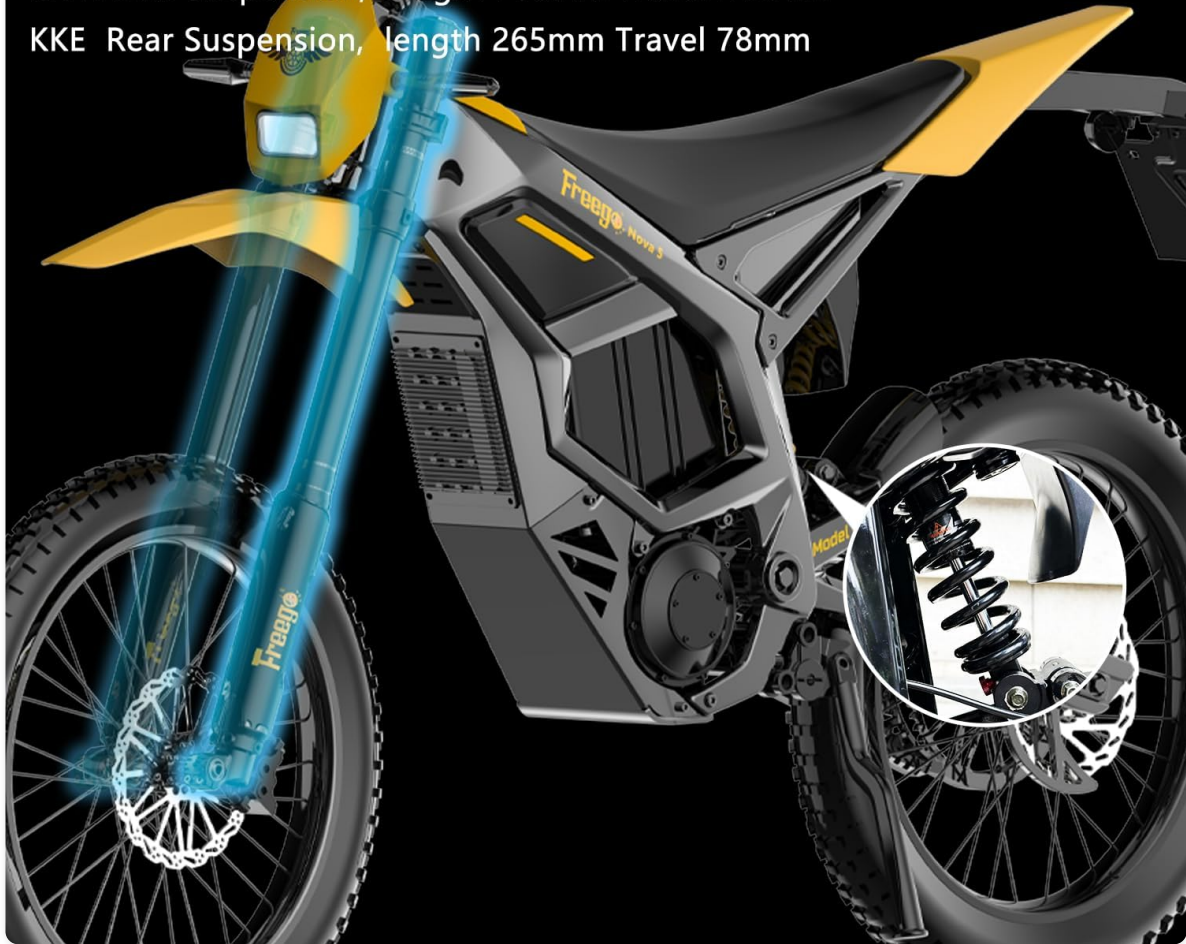


Figure 3: The advanced 4-piston hydraulic disc brakes ensure powerful and controlled stopping.

5.5 Kickstand Safety

The bike's motor will not engage if the kickstand is down. Ensure the kickstand is fully retracted before attempting to ride.

6. MAINTENANCE

Regular maintenance ensures the longevity and safety of your Freego Nova 5.

6.1 Battery Care

- Charge the battery fully after each ride.
- Store the battery in a cool, dry place.
- Avoid completely draining the battery to prolong its lifespan.
- The 84V/10A charger provides a full charge in approximately 4 hours.

6.2 Brake Inspection

- Regularly check brake pads for wear and replace as needed.

- Ensure brake levers operate smoothly and provide firm stopping power.
- Inspect brake lines for any damage or leaks.

6.3 Tire Maintenance

- Maintain recommended tire pressure for optimal performance and safety.
- Inspect tires for cuts, punctures, or excessive wear.

6.4 Suspension Adjustment

The dual suspension system can be adjusted to suit rider weight and terrain. Refer to the suspension manufacturer's guide for detailed adjustment procedures.

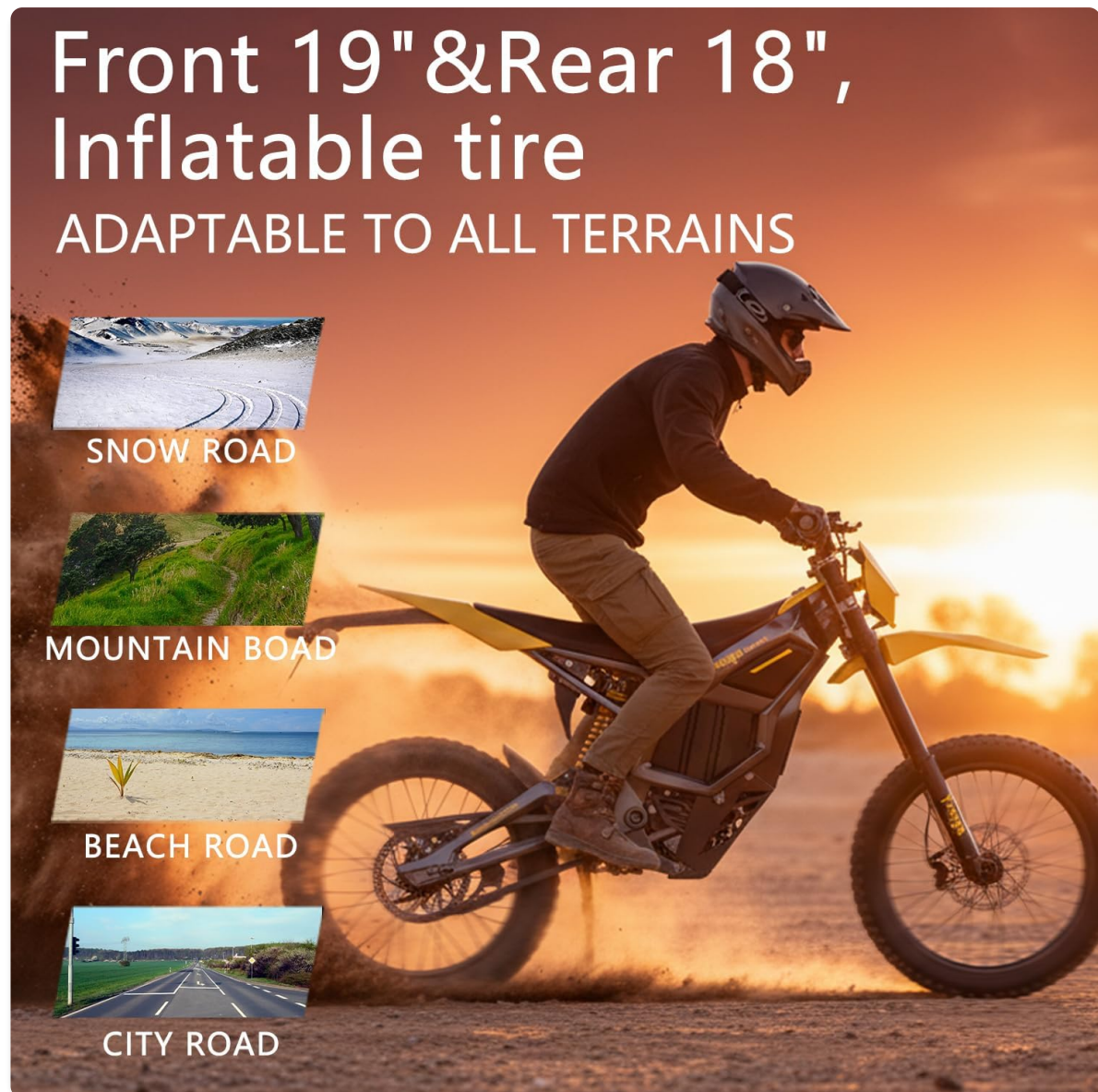


Figure 4: The bike features KKE Front Suspension (780mm length, 210mm travel) and KKE Rear Suspension (265mm length, 78mm travel).

6.5 General Cleaning

Clean your bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

7. TROUBLESHOOTING

If you encounter issues, consult this section before contacting support.

- **Bike not powering on:** Check battery connection, ensure battery is charged, and verify ignition key is in 'ON' position.
- **Motor not engaging:** Ensure kickstand is fully retracted.
- **Reduced range:** Check tire pressure, ensure battery is fully charged, and consider riding in Eco mode.
- **Brakes feel soft:** Inspect brake pads for wear, check hydraulic fluid levels, or consult a professional for bleeding the brake system.

Video 4: Guide on replacing the controller wiring, which can help resolve power or motor issues.

Video 5: Instructions for replacing the display, useful for resolving display-related problems.

8. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Motor	Mid-Drive, 4000W Nominal (8000W Peak)
Top Speed	53 MPH (85 km/h)
Battery	72V 40AH (2880Wh) Lithium
Charging Time	4 Hours (with 84V/10A charger)
Max Range (Eco Mode)	Up to 70 miles at 10MPH
Max Range (Sport Mode)	Up to 40 miles at 40MPH
Max Torque	380 N.m
Brakes	4-Piston Hydraulic Disc Brakes (220mm front, 200mm rear)
Tires	19" Front, 18" Rear Inflatable Off-Road Tires
Frame Material	Forged Aluminum Alloy
Suspension	Dual (KKE Front & Rear)
Item Weight	159 Pounds (72kg)
Maximum Weight Recommendation	264 Pounds (120kg)
Seat Height	34.25 inches (87 cm)

9. WARRANTY AND SUPPORT

Your Freego Nova 5 Electric Dirt Bike comes with a limited 1-year warranty. For any support needs,

please refer to the contact information provided in your purchase documentation or visit the official Freego website.

- **Warranty Type:** Limited
- **Warranty Period:** 1 year
- **Customer Support:** Refer to your purchase documentation or the Freego Official Store for assistance.