

HONEYWHALE DM05

HONEYWHALE DM05 Electric Motorcycle User Manual

1. INITIAL ASSEMBLY

Your HONEYWHALE DM05 electric motorcycle is partially disassembled for safe transport. Please follow the steps below carefully to assemble your vehicle. A detailed video tutorial is available to guide you through the process.

Video 1: HONEYWHALE DM05 Electric Motorcycle Rear Wheel and Fender Assembly Guide.

1.1 Rear Wheel and Fender Assembly

1. **Prepare the Area:** Ensure you have a clean, flat surface and all tools (wrenches, screws) are accessible.
2. **Remove Side Panel:** Carefully remove the screws securing the side panel near the rear wheel. Detach the side panel to access the assembly area.
3. **Install Rear Fender:** Position the rear fender over the rear wheel. Align the mounting holes.
4. **Secure Rear Fender:** Insert and tighten the screws to firmly attach the rear fender.
5. **Install Rear Wheel:** Carefully lift and align the rear wheel with the axle. Insert the axle through the wheel and frame.
6. **Tighten Rear Wheel Nuts:** Securely tighten the nuts on both sides of the rear wheel axle using the appropriate wrenches.
7. **Connect Rear Brake Caliper:** Attach the rear brake caliper to its mounting points on the frame.
8. **Tighten Rear Brake Caliper:** Ensure the brake caliper is firmly secured by tightening its screws.
9. **Reattach Side Panel:** Place the side panel back into position and secure it with the previously removed screws.

1.2 Front Wheel and Fender Assembly

1. **Install Front Wheel:** Position the front wheel between the fork legs. Align the axle with the fork dropouts.
2. **Secure Front Wheel:** Insert the front axle and tighten the nuts firmly to secure the wheel.
3. **Connect Front Brake Caliper:** Attach the front brake caliper to its mounting points on the fork.
4. **Tighten Front Brake Caliper:** Ensure the brake caliper is firmly secured by tightening its screws.
5. **Install Front Fender:** Mount the front fender to the designated points on the front fork.

6. **Secure Front Fender:** Tighten the screws to firmly attach the front fender.

1.3 Handlebar and Accessories Installation

1. **Install Handlebar Clamp:** Position the handlebar clamp over the handlebar stem and secure it with the provided bolts. Ensure the handlebars are centered and aligned.
2. **Attach Front Basket/Rack:** If included, attach the front basket or rack to the designated mounting points on the front of the motorcycle. Tighten all fasteners.
3. **Attach Rear Rack:** If included, attach the rear rack to the designated mounting points at the back of the motorcycle. Tighten all fasteners.
4. **Install Side Footrests:** Attach the side footrests to their respective mounting points on the frame. Tighten the bolts securely.
5. **Install Rearview Mirrors:** Screw the rearview mirrors into the threaded holes on the handlebars. Adjust their position for optimal visibility and tighten the locking nuts.
6. **Attach License Plate Holder:** Secure the license plate holder to the rear fender using the provided screws.

2. OPERATING YOUR DM05 ELECTRIC MOTORCYCLE

2.1 Power On/Off

To power on the motorcycle, insert the key into the ignition and turn it to the 'ON' position. To power off, turn the key to the 'OFF' position and remove it.

2.2 Speed Modes

The DM05 offers four speed modes to suit various riding conditions:

- **Mode 1:** Up to 40 km/h
- **Mode 2:** Up to 55 km/h
- **Mode 3:** Up to 65 km/h
- **Mode 4:** Up to 80 km/h (Maximum Speed)

Switch between modes using the designated control on the handlebar.

2.3 Remote Control Functions

The remote control provides convenient features:

- **Unlock/Lock:** Easily unlock or lock the motorcycle with a single button. When locked, the motor is immobilized.
- **Alarm Function:** The vehicle emits an alarm if touched while locked, enhancing security.
- **Remote Start:** Start the vehicle remotely with a dedicated button.

2.4 Instrument Display

The HD display provides real-time information:

- Speed
- Direction indicators
- Headlight status (high/low beam)

- Battery indicator

2.5 Cruise Control

Activate cruise control by pressing the cruise button for two seconds. Exit cruise control by braking or accelerating.

3. MAINTENANCE GUIDELINES

Regular maintenance ensures optimal performance and longevity of your HONEYWHALE DM05 electric motorcycle.

3.1 Battery Care

- **Battery Type:** 72V/38AH Lead-Acid Battery.
- **Charging Time:** Less than 8 hours for a full charge.
- **Charging Practices:** Always use the original charger. Avoid overcharging or completely draining the battery. Charge in a well-ventilated area.

3.2 Tire Maintenance

- **Tire Size:** 12-inch vacuum rubber tires.
- **Tire Pressure:** Regularly check and maintain recommended tire pressure for safety and efficiency.
- **Tire Wear:** Inspect tires for wear and tear. Replace worn tires promptly.

3.3 Brake System

- **Brake Type:** Front and rear disc brakes.
- **Brake Inspection:** Periodically check brake pads for wear and brake fluid levels. Ensure brake levers operate smoothly.
- **Brake Adjustment:** If brakes feel loose or unresponsive, have them adjusted by a qualified technician.

3.4 Waterproofing

The DM05 has an IPx3 waterproof rating, meaning it is protected against spraying water. Avoid submerging the motorcycle in water or exposing it to heavy rain for prolonged periods.

3.5 General Care

- **Cleaning:** Use a soft, damp cloth to clean the motorcycle. Avoid high-pressure water jets directly on electrical components.
- **Fasteners:** Periodically check all bolts and fasteners for tightness.

4. TROUBLESHOOTING COMMON ISSUES

This section provides general guidance for common issues. For complex problems, please contact customer support or an authorized service center.

- **Motor Not Starting:** Check battery charge level. Ensure the key is fully inserted and turned to 'ON'. Verify all connections are secure.
- **Reduced Range/Power:** This may indicate a low battery charge or a need for battery maintenance. Ensure tires are properly inflated.
- **Brake Issues:** If brakes feel spongy or ineffective, check brake fluid levels and inspect brake pads for wear.

Do not operate the motorcycle with faulty brakes.

- **Unusual Noises:** Investigate any unusual sounds from the motor, wheels, or other components. This could indicate loose parts or a mechanical issue.
- **Electrical Malfunctions:** If lights or the display are not working, check for loose connections or blown fuses.

5. TECHNICAL SPECIFICATIONS

Specification	Value
Nominal Voltage	72V
Battery Capacity	38AH
Charging Time	<8 hours
Motor Power (Nominal)	3000W
Motor Power (Maximum)	3700W
Tire Size	12 inches
Waterproof Rating	IPx3
Maximum Speed	80 km/h
Maximum Electric Range	100 km (Mode 1, 65 kg load, flat road)
Maximum Load	300 kg
Body Material	Steel
Product Dimensions	189 x 81 x 118 cm
Net Product Weight	160 kg
Brake Type	Front and Rear Disc Brakes

6. WARRANTY AND SUPPORT

As an exclusive authorized dealer in Mexico, HONEYWHALE guarantees the supply of original accessories and spare parts for your DM05 electric motorcycle. For any questions, technical assistance, or warranty claims, please contact our customer support team.