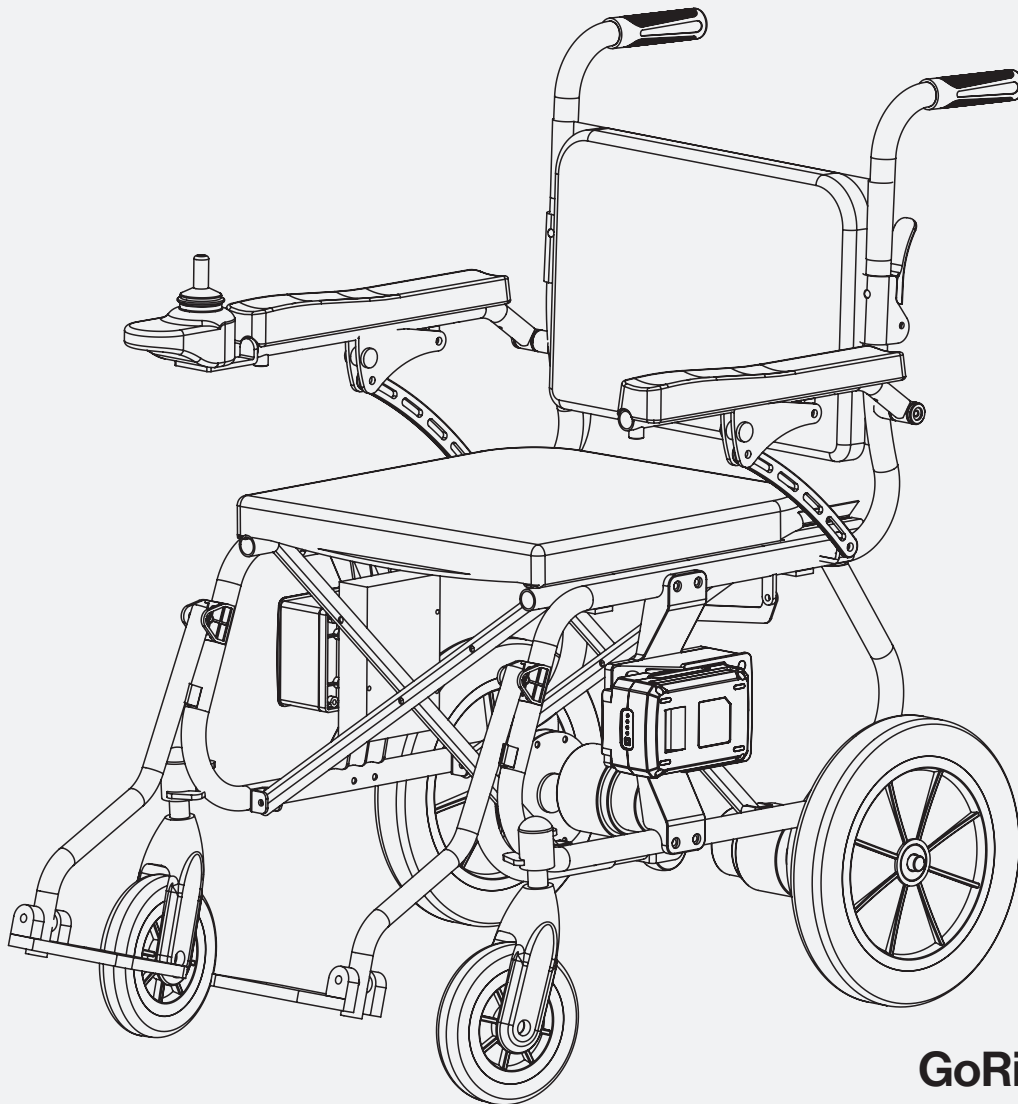




Portable Wheelchair | GUT166

Operator's Manual



GoRide 2



Warning: Please read and thoroughly understand all instructions before operating. Failure to follow safety rules and other basic safety precautions may result in serious personal injury. Keep these instructions in a safe and easily accessible place so that they can be referred to when needed. Retain these instructions to assist in future servicing.

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Warning

Safety Warnings

1. Check all parts and components before use to ensure they are in good condition.
2. Follow traffic rules and use non-motorized lanes to ensure your safety and the safety of others.
3. Avoid using the wheelchair if you are under the influence of alcohol or medication.
4. Drive slowly and do not carry passengers.
5. Do not disassemble batteries, motors, or controllers. For replacement parts, use only original parts from an authorized agent to avoid voiding the warranty.
6. For safety reasons, do not use this wheelchair with minors, individuals with intellectual disabilities, pregnant women, or those unsuitable for electric wheelchair use.

Safety Guidelines

Read this manual carefully before using the wheelchair. Improper use may lead to injury or accidents. This manual provides instructions for safe operation, assembly, and accident response. Pay close attention to the following symbols:



Improper use may result in death or serious injury

Recommendations

- Follow these guidelines to keep the wheelchair in good condition.
- Daily Maintenance Checklist: This manual includes a checklist for daily maintenance. Keep it accessible with the wheelchair.
- For Multiple Users: If someone else uses the wheelchair, ensure they read and understand this manual.
- Manual Updates: The manual may differ slightly from the actual wheelchair due to design updates. Always refer to the wheelchair itself when in doubt.
- Contact for Assistance: If you have questions or need assistance, contact your dealer or our support team as soon as possible.



Waste Disposal

- Electrical Parts: Recycle electrical components through designated authorities following local regulations.
- Plastic and Metal Parts: Recycle plastic frames, pipes, and metal parts at professional recycling units after they reach the end of their service life.

General Safety Checks Before Driving

- Inspect tires for damage or excessive wear.
- Ensure all electrical components are securely connected and corrosion-free.
- Check that the brakes are functioning properly.
- Confirm the battery is fully charged.
- Sit properly in the seat and confirm the wheelchair is fully opened.

General Operation Considerations

- Controls: Use the armrest to control the wheelchair and ensure the path ahead is clear.
- Practice First: Familiarize yourself with driving in an open, safe area like a park.
- Drive Safely: Walk initially with an escort until comfortable with the controls. Follow traffic rules, avoid distractions, and be cautious around pedestrians.
- Drive on Suitable Surfaces: Use the wheelchair on pavement or marked crossings, and maintain the recommended tire pressure to avoid issues.

Restricted Driving Conditions

- Avoid driving in: Bad weather (rain, snow, strong winds), muddy or uneven surfaces, heavy traffic, railway crossings, and poorly maintained roads.
- Railway Crossings: Cross only if necessary, and ensure that tracks are clear and safe.
- Single User Only: This wheelchair is designed for one person. Do not carry passengers, extra items, or use it as a tractor.

Driving on Slopes

- Uphill and Downhill Safety: Keep slopes under a 10° angle. Both wheels should move forward when climbing or descending.
- Speed Control: Maintain a low speed, especially when going downhill.
- Avoid: Slopes with angles above 10°, crossing steep slopes sideways, and taking sharp turns.
- Crossing Steps and Ditches: Approach at right angles and ensure stability.

Guidelines for Assisted Transport

- Do not switch to “neutral” mode while on slopes.
- If assistance is needed, call for help to clear intersections or evacuate to safety.
- Do not use this wheelchair in an MRI room.

Additional Care and Safety Tips

Repairs and Modifications

- Contact Support: If repairs are needed, please contact our customer service center. Avoid attempting repairs or modifications on your own, as improper adjustments may lead to accidents or failures.

Environmental Responsibility

- Battery Disposal: Recycle scrap parts or unserviceable batteries at designated facilities. Contact a local electric wheelchair maintenance center for proper disposal and recycling options.

General Care

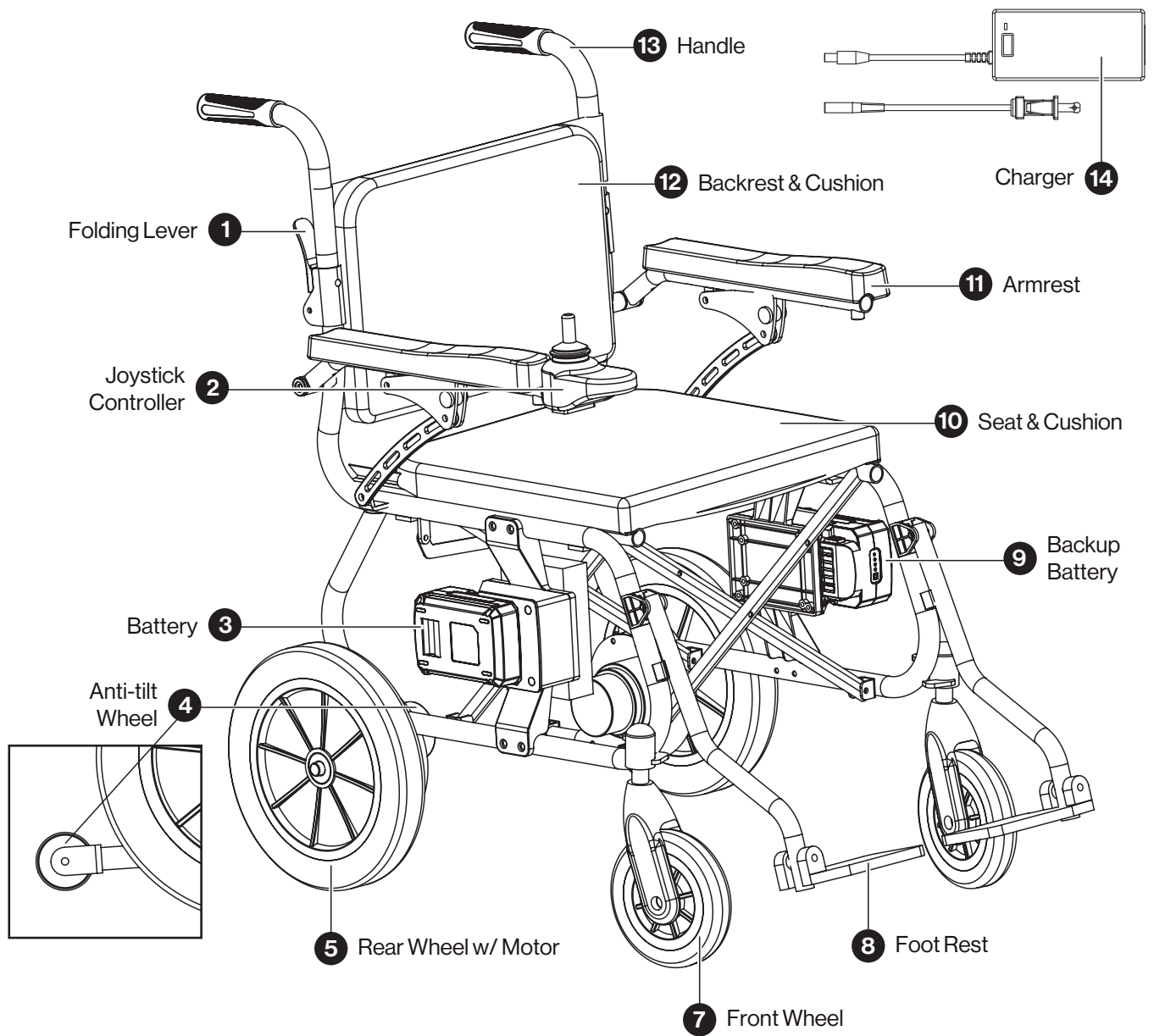
- Keep Dry: Avoid exposing the wheelchair to water (e.g., do not place in showers). If the wheelchair gets wet, dry it immediately.
- Avoid Unauthorized Modifications: Do not alter the assembly or materials of the wheelchair without confirmation from the manufacturer.
- Weight Limits: Do not add weight beyond the recommended capacity, as this can cause imbalance and unsafe conditions.
- Transporting the User: When the user is seated, do not pull or push the wheelchair with force; use appropriate methods.
- Unusual Sounds: If you hear any unusual sounds, contact customer service immediately.

Technical Specifications

SKU#	GUT166
Max. Weight Capacity	330 lb (150 kg)
Motor Output	250W (x2)
Brake System	Electromagnetic
Max. Speed	Up to 3.73 MPH (6 km/h)
Range (per battery)	Up to 4 Miles*
Max. Slope	<9°
Turning Radius	<39.3" (1000 mm)
Seat Dimensions	18.5" width, 18.5" depth
Seat Cushion Dimensions	19" width, 3" thickness, high density foam
Battery Type	48V 2aH Li-Ion (includes 2, operates on 1)
Charging Time	2 Hours
Wheels	Front 7" & Rear 12" Solid Wheels
Frame Material	Aluminum
Item Weight (without battery)	40 lb (18.2 kg) - Add 2 lb (0.9 kg) per battery
Assembled Dimensions	39.3"x24.6"x36.4" (1000x625x925 mm)
Folded Dimensions	29.5"x12.4"x29.3" (750x315x745 mm)

Note: Maximum speed and range per charge may vary based on rider weight, terrain, weather conditions, and usage style.

Parts Overview



Assembly

Step 1-Unpack

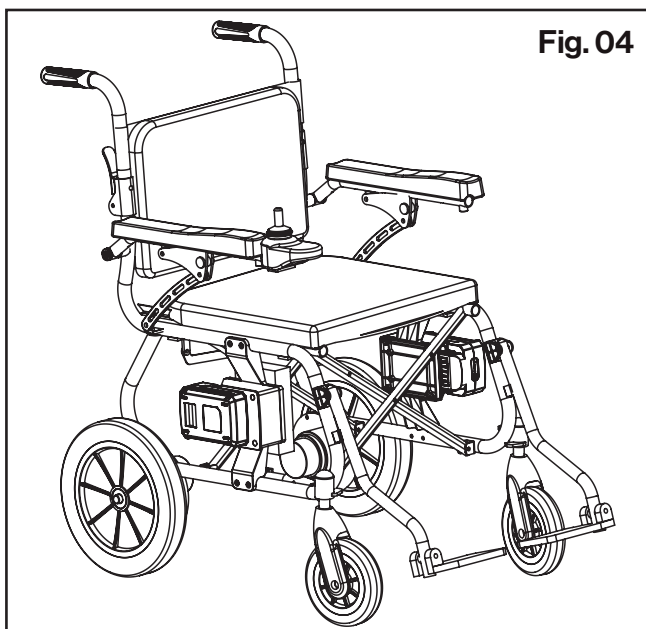
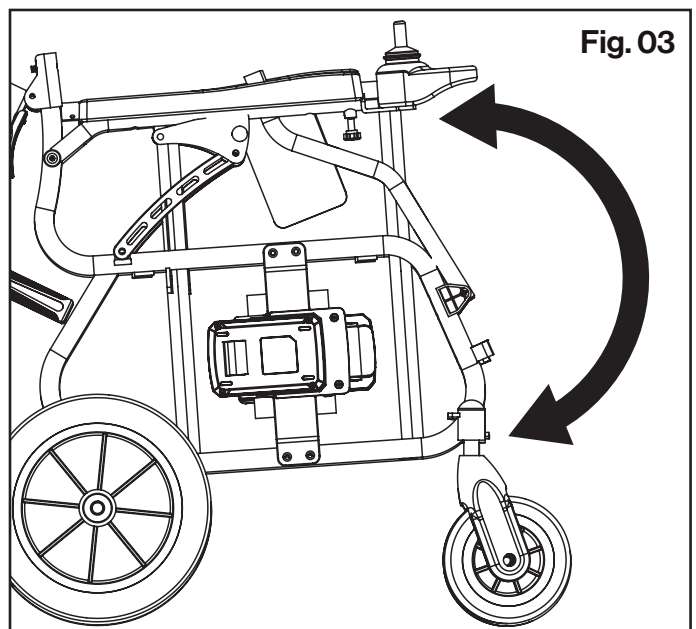
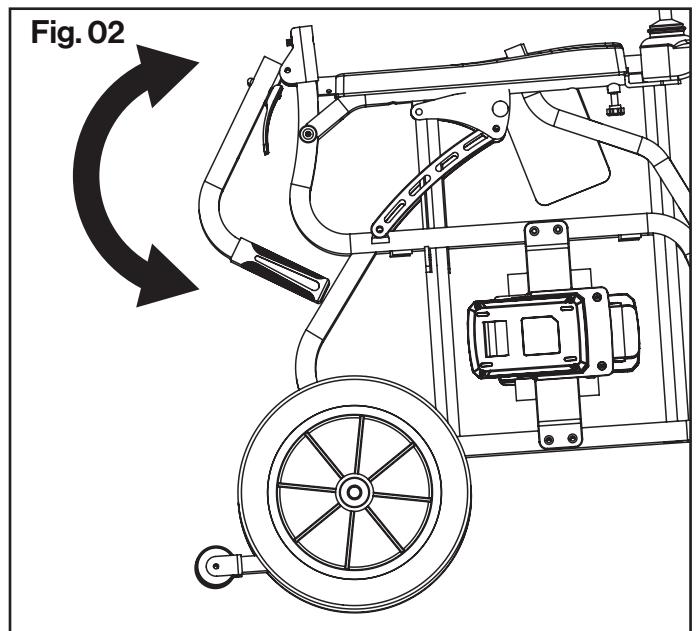
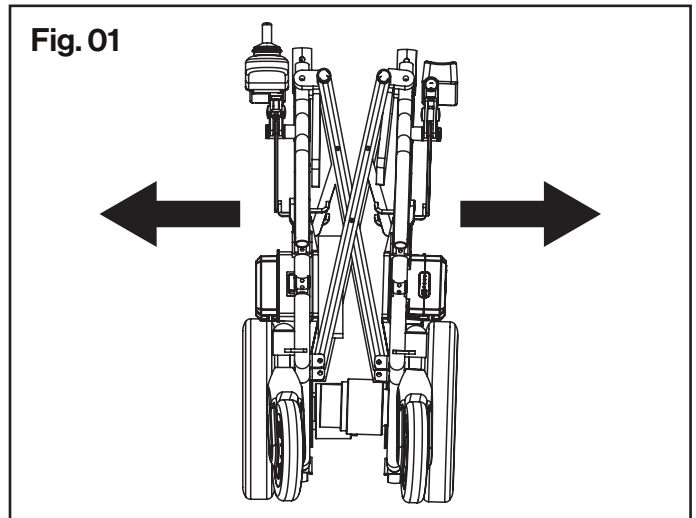
Carefully unpack the wheelchair and check for the extra box underneath containing the joystick, batteries, charger, and anti-tip wheels. Ensure all components from the parts overview are included; contact customer service if any parts are missing.

Step 2-Unfold

- Open the wheelchair frame by pulling both sides apart until fully extended, ensuring smooth movement and alignment (**Fig. 01**).
- Lift the backrest by grabbing the handle tube and pulling upward until it unfolds, ensuring the pin clicks securely into place for stability (**Fig. 02**).
- Lower the footrest by pushing down on the footrest until it locks into position (**Fig. 03**).

Step 3 - Inspect

- Inspect every component to confirm that they are firmly secured. Check for any damage, bends, misalignments, or crooked parts. In the following section, we will discuss how to install the joystick, ntipippers, and battery. The finished product will resemble (**Fig. 04**).



Step 4-Cushion

- Identify the Cushions: The logo cushion is the backrest, and the larger one is the seat.
- Attach the Seat Cushion: Secure the seat cushion on the wheelchair with Velcro straps, discarding any packaging fabric mesh.
- For Folding: Remove the cushion for easier storage when folding the wheelchair.

Step 5-Joystick

- Attach the Joystick: Insert the joystick controller tube into the right armrest slot.
- Adjust and Secure: Set the controller to your preferred angle and lock it with the knob, then connect the power supply.
- Alternative Placement: The joystick can be mounted on the left armrest; if switched, re-align the power cable.

Step 6-Anti-Tippers

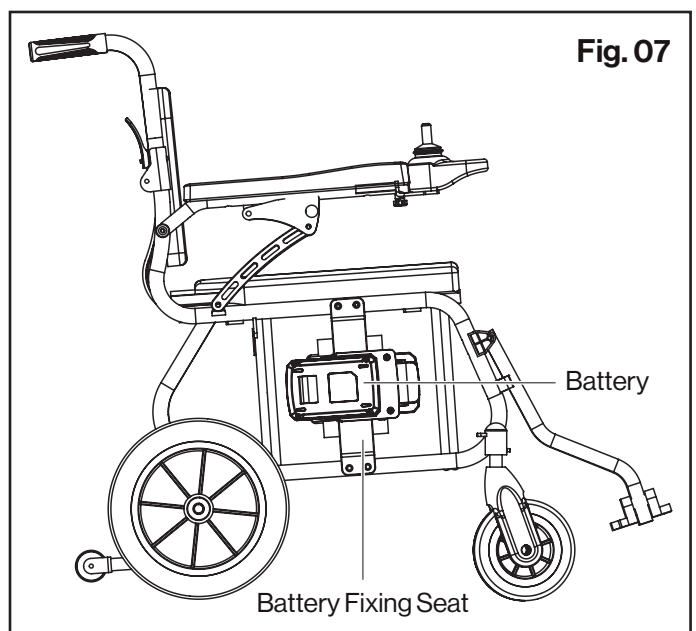
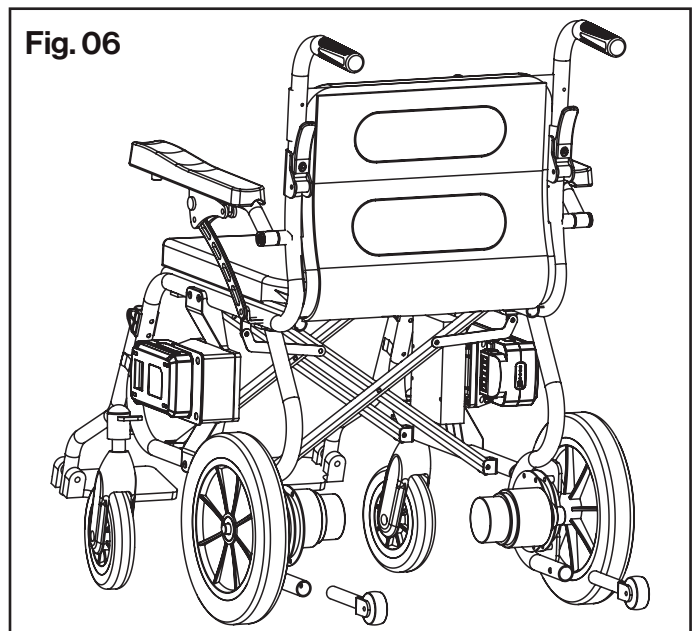
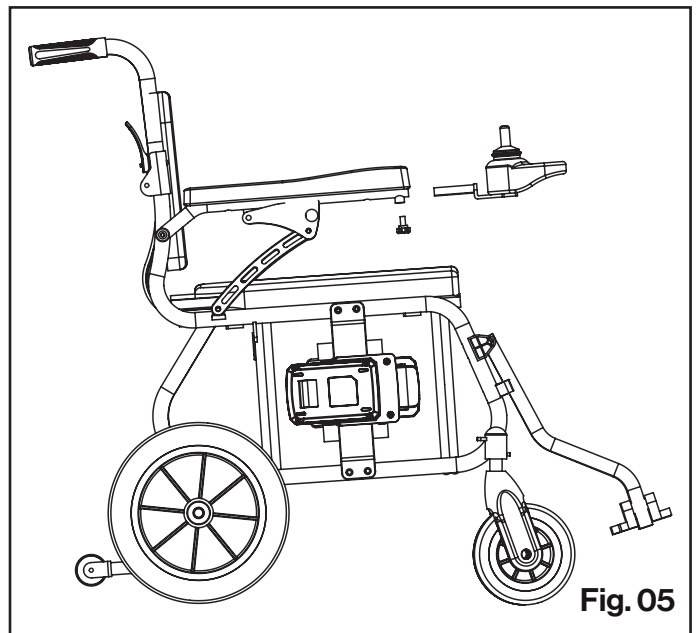
- Attach the Wheels : Align the anti-tilt wheel with the tube on the frame and insert securely.
- Ensure Secure Fit: Confirm the elastic pin clicks in place; gently pull on the wheel to check it's locked.
- Anti-tilt wheels prevent the wheelchair from tipping over during use.

Step 7-Battery

- Inserting the Battery: Push the battery into the housing until it clicks into place.
- Removing the Battery: Press and hold the release button and lift the battery out carefully.

⚠ WARNING

Do not use the wheelchair if the anti-tilt wheels are damaged or missing. They help maintain stability on smooth surfaces. Always check their functionality and avoid uneven or muddy ground.



Operation

Operation Modes

Drive & Neutral

The wheelchair has two modes: Drive and Neutral, controlled by levers at both motors.

- **Drive Mode:** Engage by pushing both levers upward for joystick control (**Fig. 08**).
- **Neutral Mode:** Enter by pushing both levers downward for manual movement (**Fig. 08**).

Joystick Overview

- **Power Button:** Press the power button, wheelchair will turn on after 2 seconds.
- **Speed Level Indicator:** Shows current speed setting:
 - Level 1 (Slowest) to Level 5 (Fastest)
- **Increase/Decrease Speed:** Adjusts the speed level.
- **LED:** Toggles LED light under the controller on/off.
- **Horn:** Activates the horn.
- **Battery Indicator:** Displays battery life in bars:
 - All bars lit: Fully charged
 - One yellow and one red bar: Battery needs charging soon
 - Red bar only: Battery very low – charge immediately

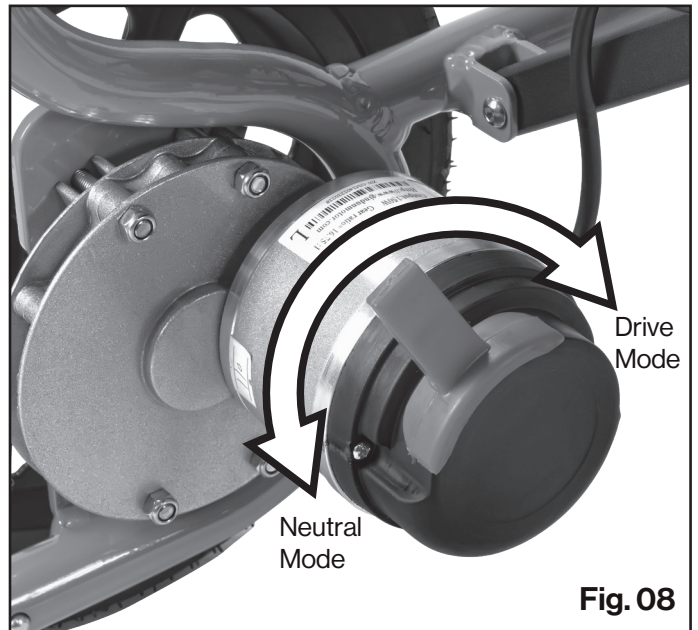
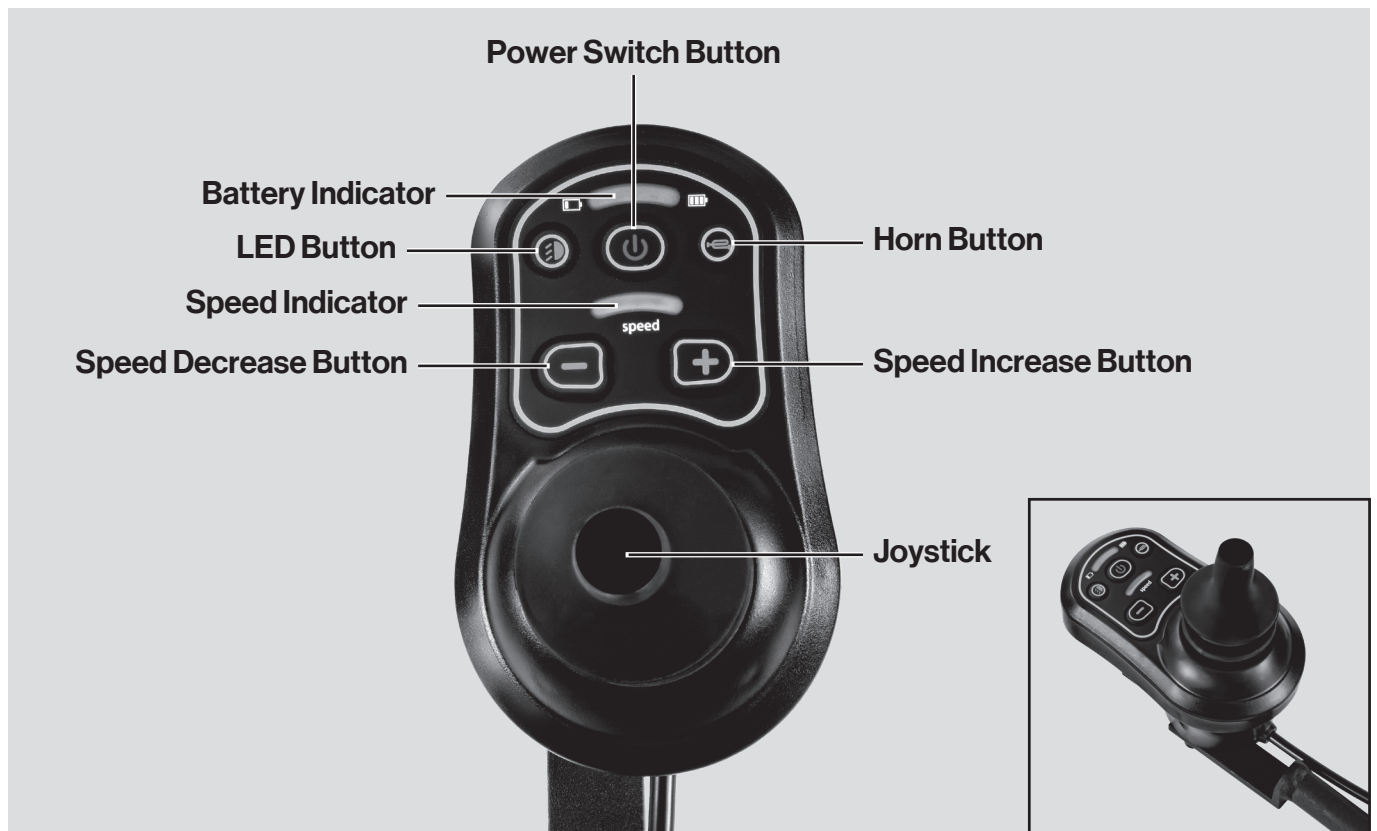


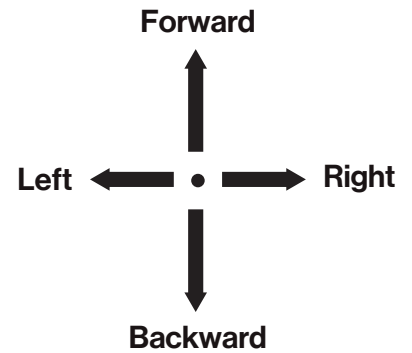
Fig. 08



Operate the Joystick

The Joystick controls the direction and speed of the electric wheelchair.
The further you push the Joystick in a direction, the faster the wheelchair will move.

- Here's how it works:
- Push the Joystick forward to move forward.
- Pull the Joystick backward to reverse.
- Move the Joystick left to turn left.
- Move the Joystick right to turn right.



Battery & Charger

Safety Instructions

Charging the Battery

- **First Use:** Fully charge the battery before initial use.
- **Charging Time:** A full charge takes approximately 1.5 to 2 hours.
- **Connecting the Charger:** Insert the charger pin into the battery's center port, then plug the charger into a 100-240V outlet. The LED light on the charger will turn red while charging and switch to green when fully charged.
- **Overcharge Protection:** The charger has built-in overcharge protection. However, do not leave the charger connected for more than 24 hours.
- **Unplugging:** Once charging is complete, unplug the charger from the outlet, then disconnect it from the battery. For safety, the charger must be unplugged and plugged back in to reset if charging is to resume after a full charge.

Fig. 09



NOTICE: When fully charged, the first LED will remain RED. This is normal and does not indicate a fault.

Battery Levels

- **Battery Status Indicator:** Press the battery's indicator button to check the charge level:
 - 1 Red LED: 0-30%
 - 1 Red, 1 Green LED: 30-60%
 - 1 Red, 2 Green LEDs: 60-80%
 - 1 Red, 3 Green LEDs: 80-100%

Safety & Maintenance

- **Regular Inspection:** Check the charger regularly for any signs of damage to the cord, plug, or casing. Do not use a damaged charger; replace or repair as needed.
- **Charger Compatibility:** Only use the recommended charger to avoid serious injury or damage.
- **Temperature:** Charge in an area between 32°F (0°C) and 120°F (49°C). If the battery is cold, let it warm to room temperature before charging.
- **Ventilation:** Charge in a well-ventilated space, away from flammable materials like cloth or carpet.
- **Handling Overheating:** If the battery overheats during charging, disconnect it and let it cool. If the issue persists, contact customer service.
- **Maintenance: Fully charge and discharge the battery at least once every 8 months to maintain health.**
- **Storage: Store the battery with a full charge,** away from metal objects like paper clips, keys, or screws to prevent short circuits.

Maintenance & Storage

Cleaning & Maintenance

- **Wheelchair Cleaning:** Use a clean, soft cloth and a spray of wax polish to wipe down the wheelchair's surface.
- **Tire Inspection:** Check tires regularly. Replace if tread depth is less than 1 mm.

Wheelchair Inspection

- **Controller Plug:** Ensure the controller plug is securely connected.
- **Battery Connector:** Check that the battery connector plug on the left side is secure. Reconnect if necessary.
- **Further Assistance:** If the issue persists, contact customer service.

Safety Check List

Daily Pre-Use Inspection	Monthly Inspection	Biannual Inspection
Backrest Cushion	Screws - Ensure all are tight and secure	Daily Pre-Use Inspection
Armrests	Automatic Braking - Ensure the chair is braking normally.	Monthly Inspection
Joystick Controller	Tire tread on both front and rear tires at more than 1mm.	Battery/Charger - Check for terminal corrosion or cord damage.
Footrests	Charger and Controller connections	Frame - Check for cracks, wear, or bending at joints and load-bearing areas.
Power Switch on Controller		Clean the wheelchair
Anti-Tippers		

Note: Follow this checklist to maintain the wheelchair regularly. Inspections are essential to ensure safety and optimal performance.

Troubleshooting

Diagnostic Sound	Possible Cause	Solution
Continuous beeping	Programming Error	Reset Controller: Press and hold both the Speed Decrease and Speed Increase buttons for 3 seconds. If issue persists, replace the controller.
One long beep	Motor Communication Error	Reset program. Check wire connection between motor and controller. Change controller.
One long beep and one short beep	Joystick Input Sampling Error	Reset program. Check connection between motor and controller. Change controller.
One long beep and two short beeps	Hall-Effect Sensor Failure	Change motor.
One long beep and three short beeps	Low Battery Voltage	Check wire connection between battery and controller. Check battery level and charge the battery.
One long beep and four short beeps	Joystick Communication Failure	Reset program. Check the wire connection of Joystick. Check the wire connection of controller. Change Joystick.
One long beep and five short beeps	Electromagnetic Brake Failure	Check that the electromagnetic brake is in driving mode. Check the wire connection of motor. Change motor.

Warranty

Solutions & Coverage

Warranty Information

Twelve (12) months for workmanship of the product, except for wearing parts. Warranty period starts from the product purchase date. Warranty covers material quality and workmanship only. Warranty does not cover product for issues caused by improper usage or any operation not in accordance with the specifications of this manual. Any modification or tampering with the product in any way voids the warranty.

Warranty Exclusions

- **Normal Wear and Tear:** Includes coating, plating, natural fading, and material deterioration (e.g., resin).
- **Improper Usage:** Issues from overloading, improper operations, or failure to follow manual instructions.
- **Environmental Damage:** Damage caused by external factors like soot, chemicals, acid rain, severe weather (e.g., floods, earthquakes), and environmental particles.



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