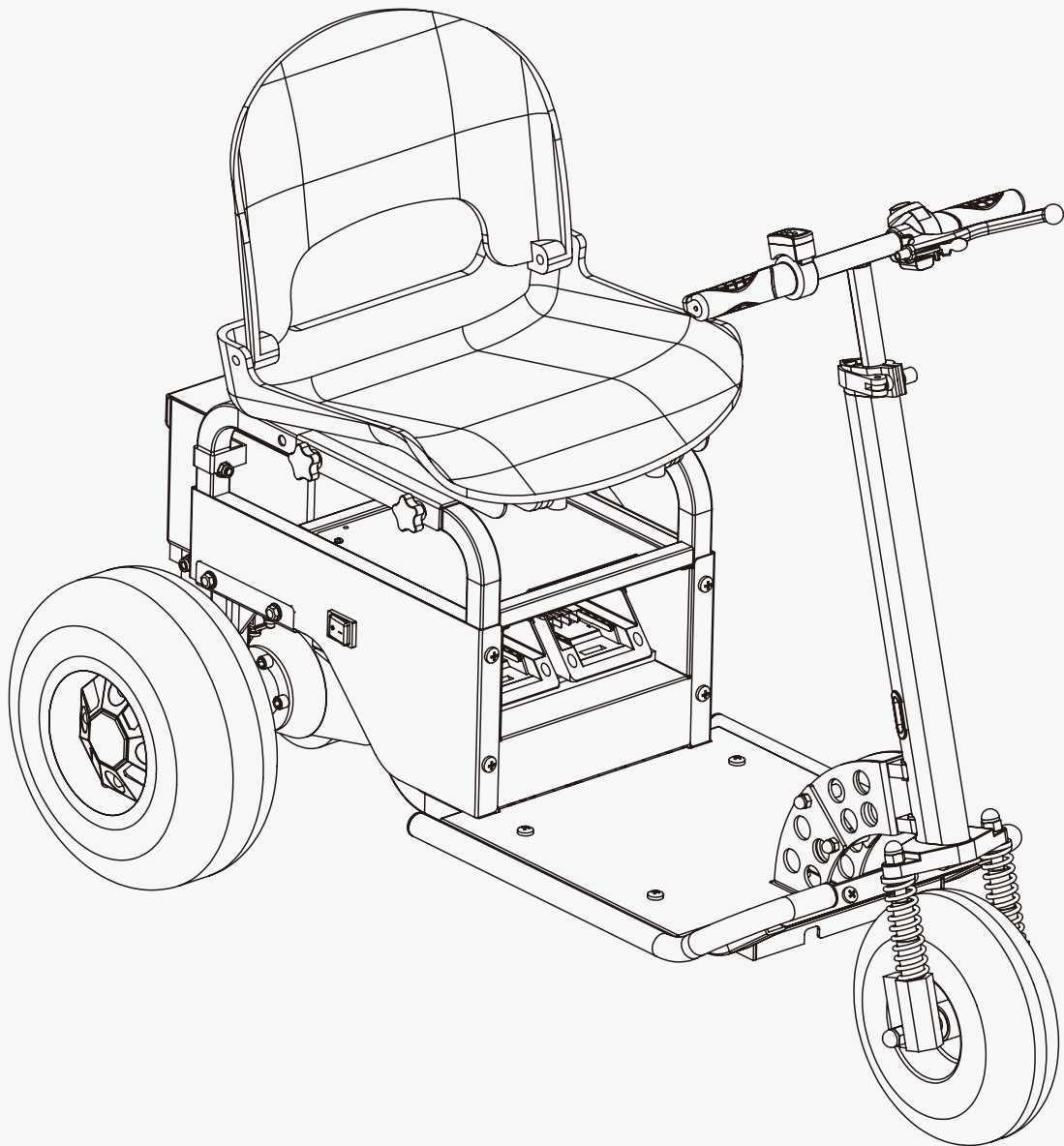




Electric Tugger | GUO133 Operator's Manual



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.

INDEX

Safety Warnings & Statements	3
Technical Specifications	4
Controls and Features	5
Recommended Tools	6
Parts List	6
Assembly	7-10
Operation	11-14
Maintenance	16
Battery and Charger	16-17
Transportation and Storage	18
Warranty	18
Troubleshooting	19

Safety Warnings & Statements

For your safety and the safety of others, please follow these important precautions when using this product.

General Precautions

1. Read and understand this manual fully before use, including installation and operating instructions.
2. This manual cannot cover every possible situation. The operator must be familiar with the product and how to use it safely.
3. Do not operate under the influence of alcohol or drugs.
4. This product is not intended for users under 16 years old.
5. Ensure the area is clear of unauthorized personnel before use.
6. Wear appropriate safety gear and use proper tools during unpacking and assembly.
7. Only operate during daylight or under sufficient artificial lighting.
8. Never use or install the product without understanding the operator's manual.

Operation Precautions

1. Do not place your feet or hands under the tugger.
2. Only the operator should be near the tugger when it is in motion.
3. Do not exceed the tugger's rated load.
4. Do not lift or carry people—this can result in serious injury.
5. Avoid driving diagonally or sideways on ramps.
6. Do not modify or refit the tugger without written permission from the manufacturer.
7. Turn off the power if the tugger will be unused for an extended time.
8. Never operate or service while under the influence of drugs or alcohol.
9. Do not disable or alter any safety devices or interlocks.
10. Operating this equipment safely requires good vision, strength, balance, and coordination.
11. Always drive at a safe speed. Slope, congestion, and other conditions can increase the risk of accidents.

Note: This is a powered tugger. Misuse or failure to follow safety procedures can result in serious injury or death.

Disclaimer

Read and follow all safety instructions before use. This product must only be used as intended and with proper safety precautions. The manufacturer is not liable for injuries or damage caused by misuse or human error.

Use Cases

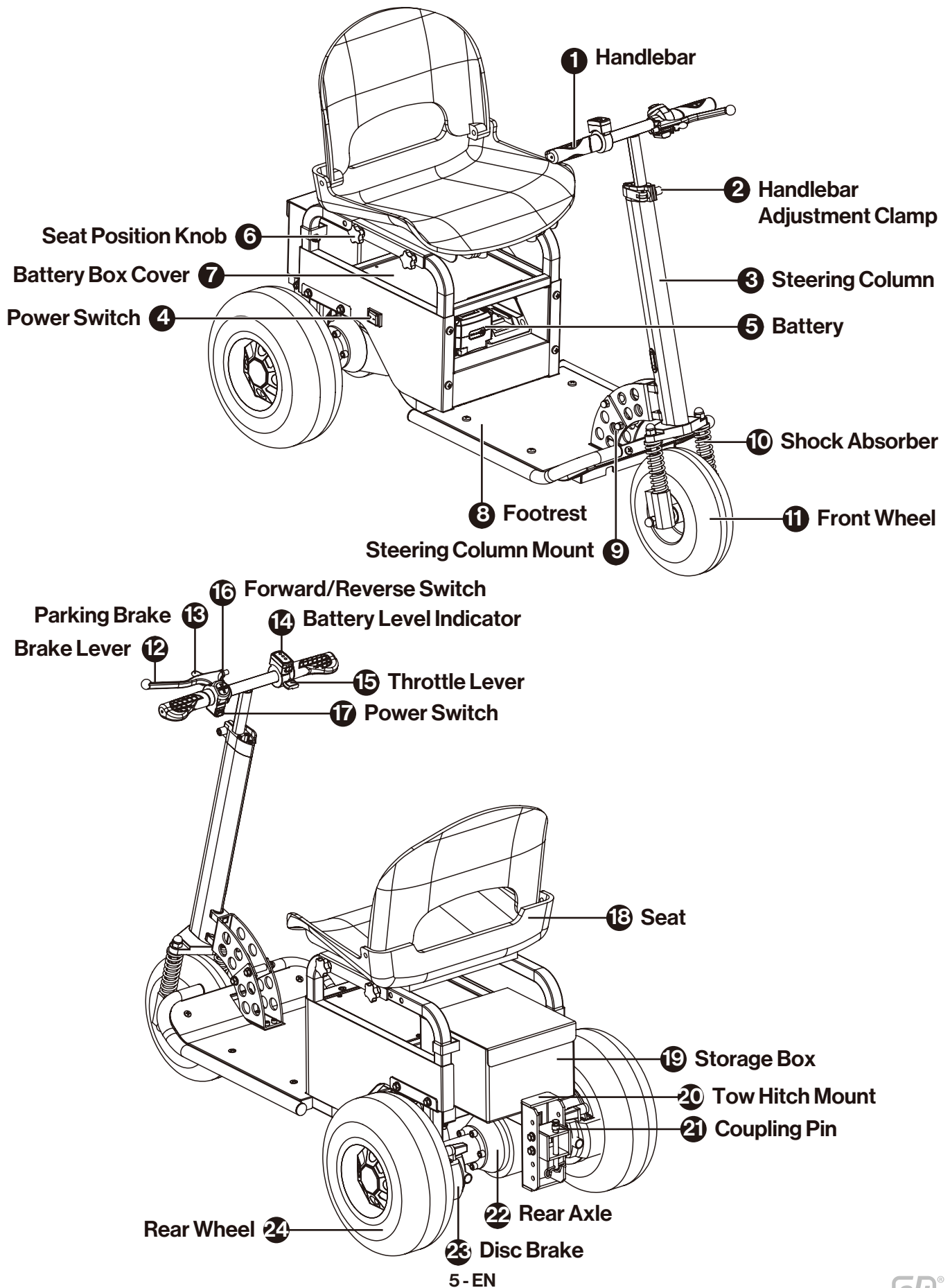
This tugger is designed to connect and tow carts or equipment in warehouse environments or residential settings. It is commonly used with trailers, utility wagons, leaf blowers, vacuums, or shredders.

Technical Specifications

SKU#	GU0133	
Performance	Towing Capacity	3500 lb (1590 kg)
	Max. Load Capacity	350 lb (160 kg)
	Max. Forward Speed*	4.3 mph (7 km/h)
	Max. Reverse Speed*	1.9 mph (3 km/h)
	Max. Slope*	≤12° (21%)
Dimensions & Weight	Product Dimension	51"x25"x37.5" (1300x640x950 mm)
	Handle Height Range	32"~36" (820~920 mm)
	Seat Size	19"x18" (480x450 mm)
	Seat Adjustment	3 positions
	Tow Bar Adjustment	4 positions
Tires & Brakes	Front Tire Size	10"x2.5" (254x63 mm)
	Front Tire Pressure	45±2 psi
	Rear Tire Size	13"x5" (330x127 mm)
	Rear Tire Pressure	28±2 psi
	Brake Type	Manual hydraulic disc brake
Motor	Power	500 W
	Rotate Speed	3000 RPM
	Input Voltage	48 V DC
	Type	Brushless motor
Battery System	Output Voltage	48 V DC
	Capacity	4 Ah
	Type	Lithium Battery
	Operating Temperature	+41~+104 °F (+5~+40 °C)
Charger	Input Voltage	100-240 V AC

Note: Maximum speed and slope capability may vary depending on factors such as the towed load, terrain, temperature, and battery condition. Actual performance may differ from stated values.

Controls and Features



Recommended Tools

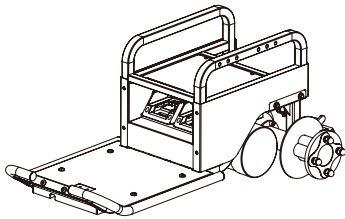


8mm Open-end wrench
10mm Open-end wrench
12mm Open-end wrench
13mm Open-end wrench
19mm Open-end wrench (x2)

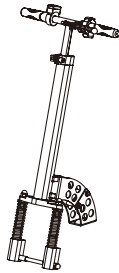


Hex key 5# x1pc

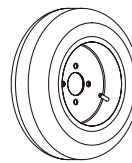
Parts List



Main Assembly



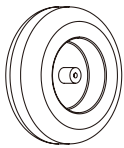
Handlebar Assembly Kit



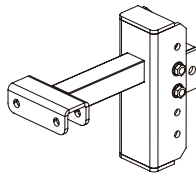
13" Real wheel (x2)



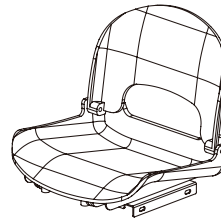
Wheel Center Cap (x2)



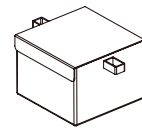
10" Front Wheel



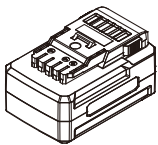
Tow Hitch



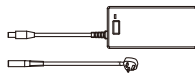
Seat



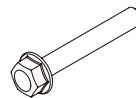
Storage Box



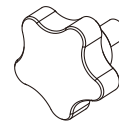
Battery



Charger



M8x55 Bolt (x2)



M8x15 Star-shaped Bolt (x4)



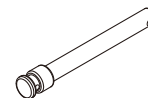
M6x20 Hex Bolt (x4)



M8 Nut (x2)



M6 Nut (x4)



Coupling-Pin (x1)



R-pin (x1)

Assembly

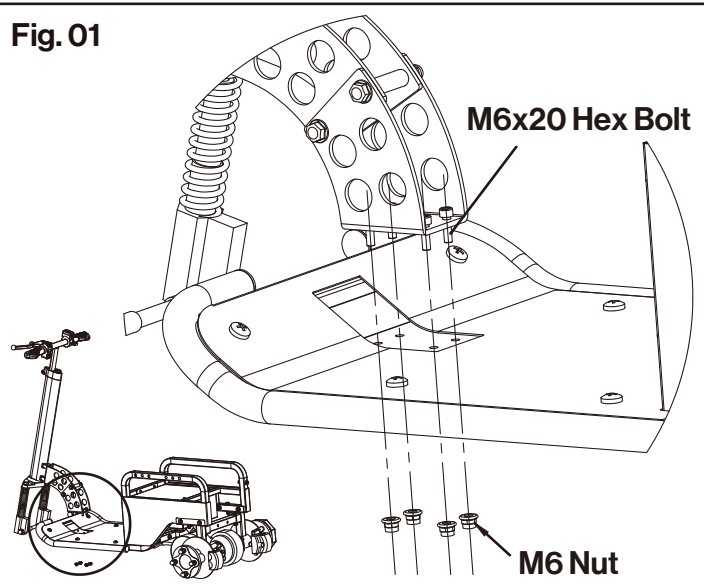
Step 1 - Attach the Handlebar Assembly

Recommended Tools:

10mm Open-end wrench, Hex key 5#

Place the handlebar assembly kit onto the Main Assembly and secure it using 4 M6x20 hex bolts and 4 M6 nuts. **(Fig. 01)**

Fig. 01

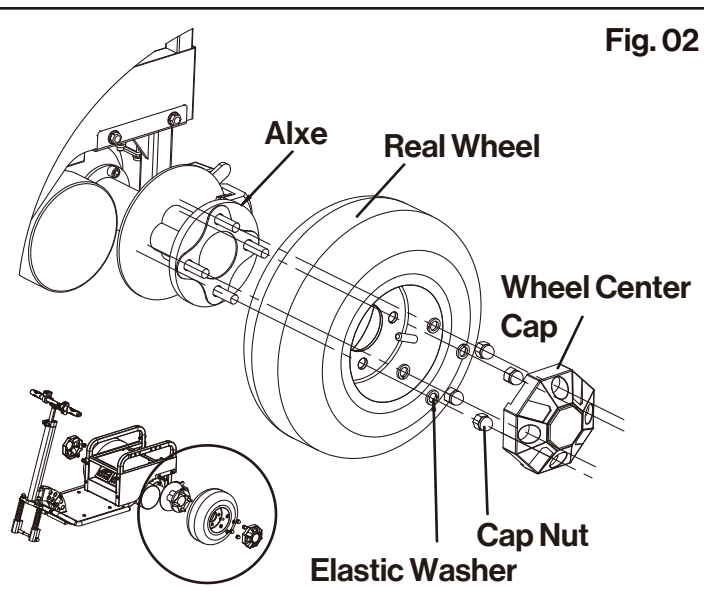


Step 2 - Assemble Rear Wheels

Assemble one rear wheel onto each end of the axle using 1 rear wheel, 4 elastic washers, and 4 M14x1.5 cap nuts.

Then install the wheel center caps onto the wheels. **(Fig. 02)**

Fig. 02



Step 3 - Assemble Front Wheel

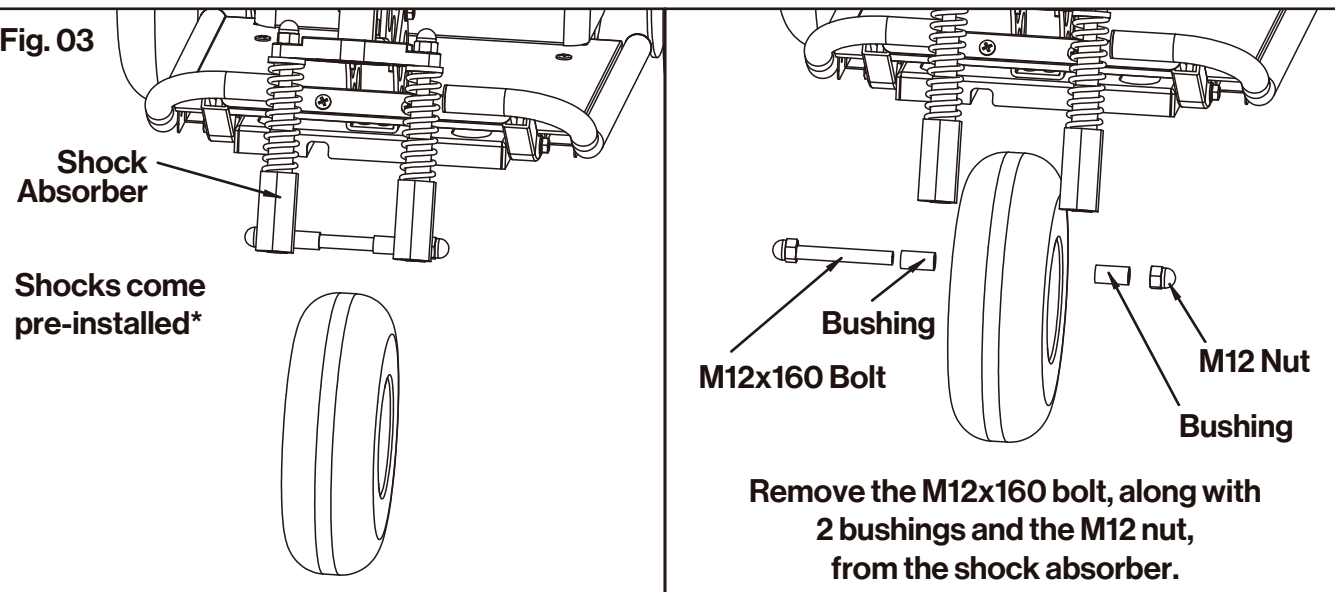
Recommended Tools:

19mm socket wrench

19mm Open-end wrench

Secure the front wheel between the two shock absorbers using an M12x160 bolt, two bushings, and an M12 nut. **(Fig. 03)**

Fig. 03



Note: After installation, route the wiring harness upward to prevent interference with the front wheels. Secure it using a cable tie.

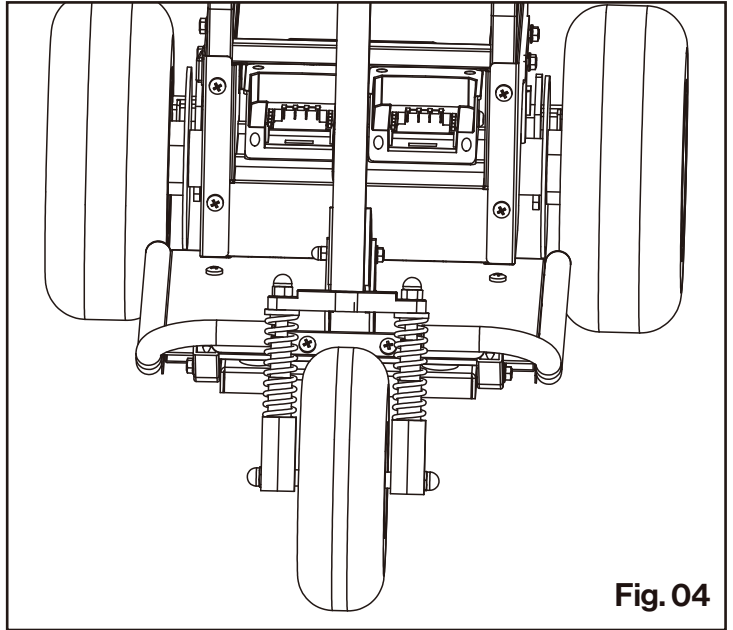


Fig. 04

Step 4 - Assemble Tow Hitch

Recommended Tools :

12mm Open-end wrench

13mm Open-end wrench

Attach the tow hitch to the axle using two M8x55 bolts and two M8 nuts. **(Fig. 05)**

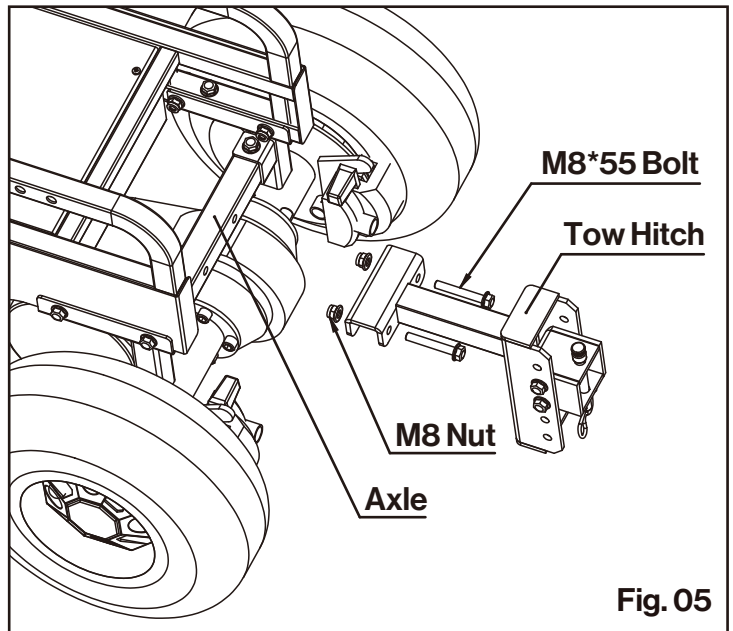


Fig. 05

Step 5 - Assemble Seat

Secure the seat to the seat frame using four M8x15 star-shaped bolts. **(Fig. 06)**

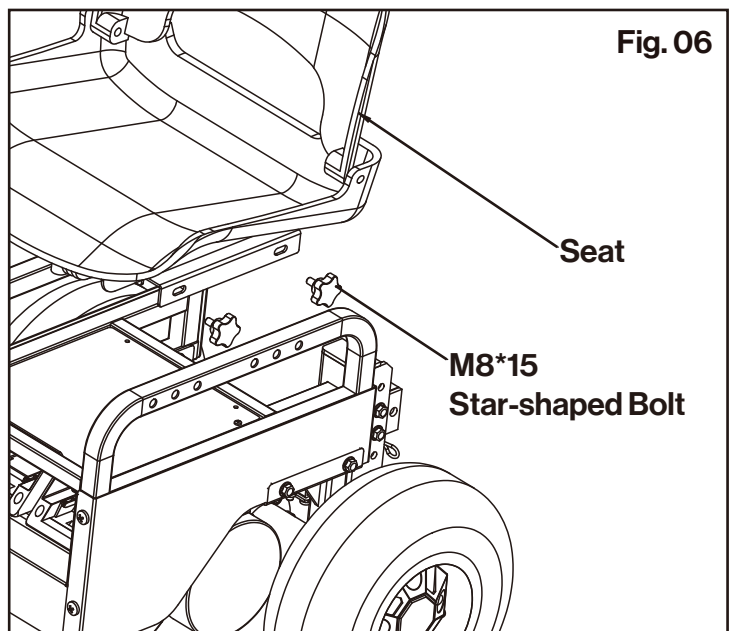
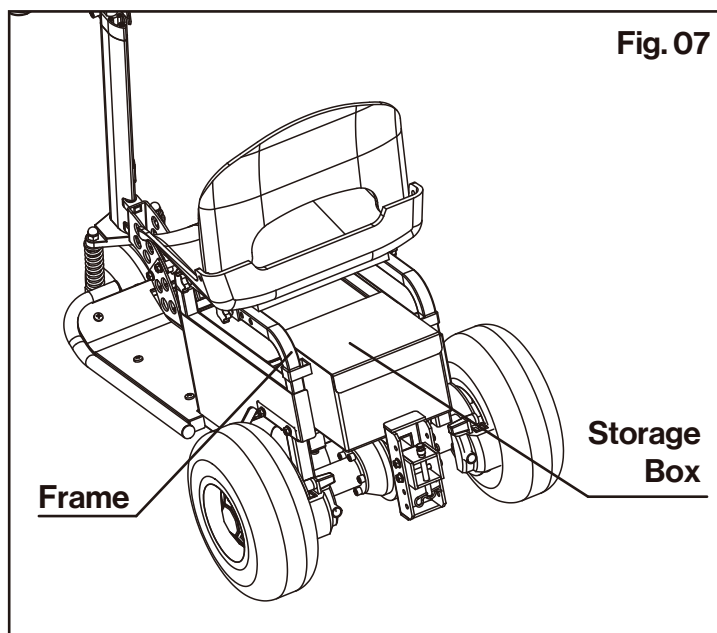


Fig. 06

Step 6 - Install the Storage Box

Attach the storage box to the rear of the Main Assembly. **(Fig. 07)**



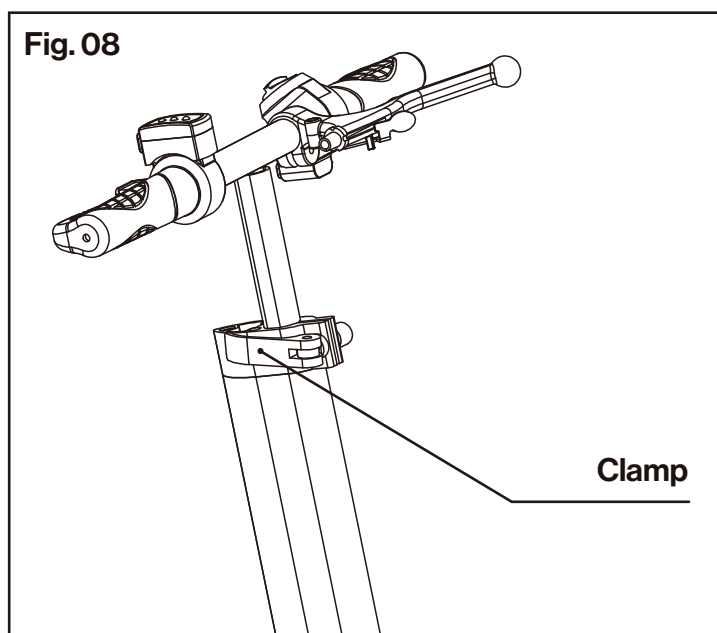
Step 7 - Handlebar Height Adjustment

Recommended Tools:

8mm socket wrench

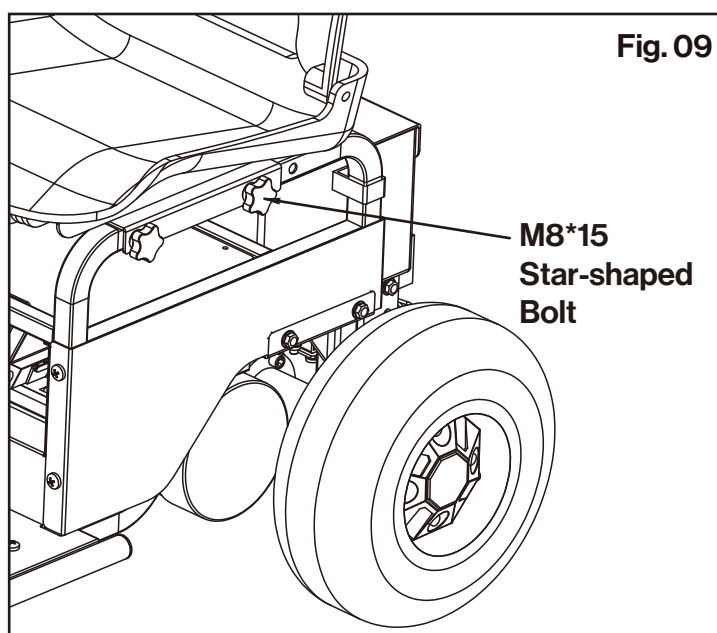
Loosen the clamp on the handle lock, adjust the handlebar to your preferred height, then tighten the clamp to secure it.

Note: After assembly, adjust the brake lever height to your preference. **(Fig. 08)**



Step 8 - Seat Position Adjustment

Loosen the four star-shaped bolts, slide the seat to your preferred position, then tighten all four bolts securely. **(Fig. 09)**



Tow Bar Connector Height Adjustment

Disassemble the tow bar connector from the tow hitch mount, adjust it to the desired height, then reinstall it using the bolts and nuts. **(Fig. 10)**

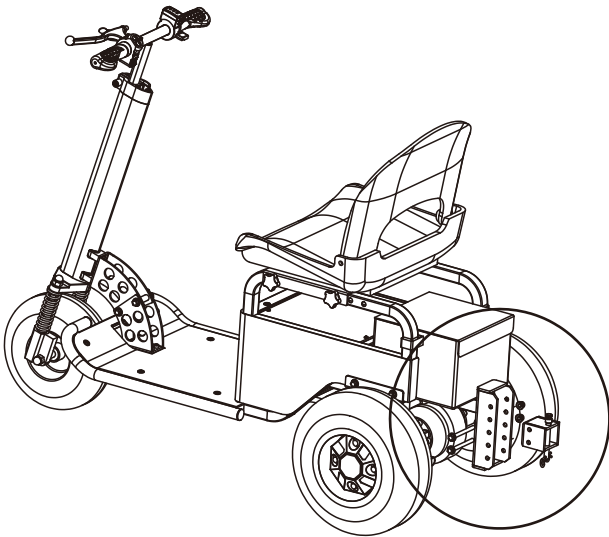
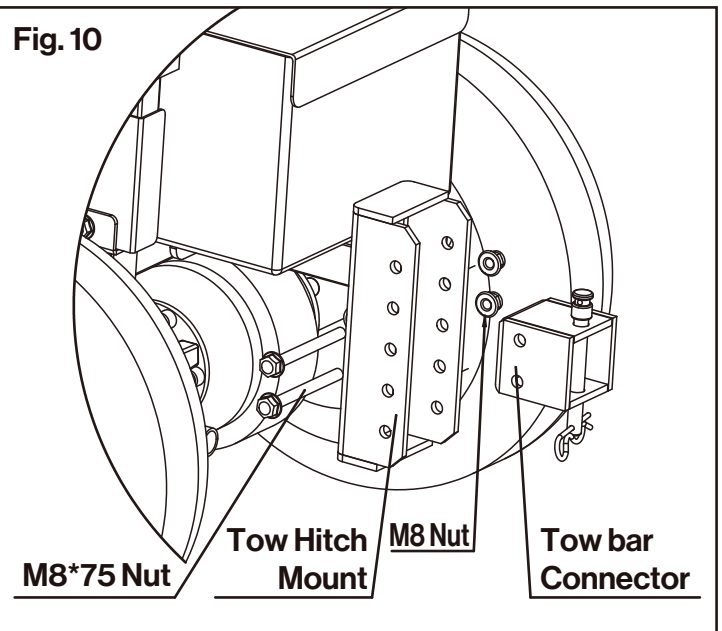


Fig. 10



Tow Bar Connection

Attach the tow bar to the connector using the coupling pin. Insert the R-Pin to secure the coupling pin. **(Fig. 11)**

⚠ WARNING

Do not tow from any point on the tugger other than the designated hitch. Towing from the rear axle center can cause the tugger to tip backward.

Note: The tow bar and trailer shown are not included with this product. They must be purchased separately.

⚠ WARNING

Risk of entrapment and crushing:

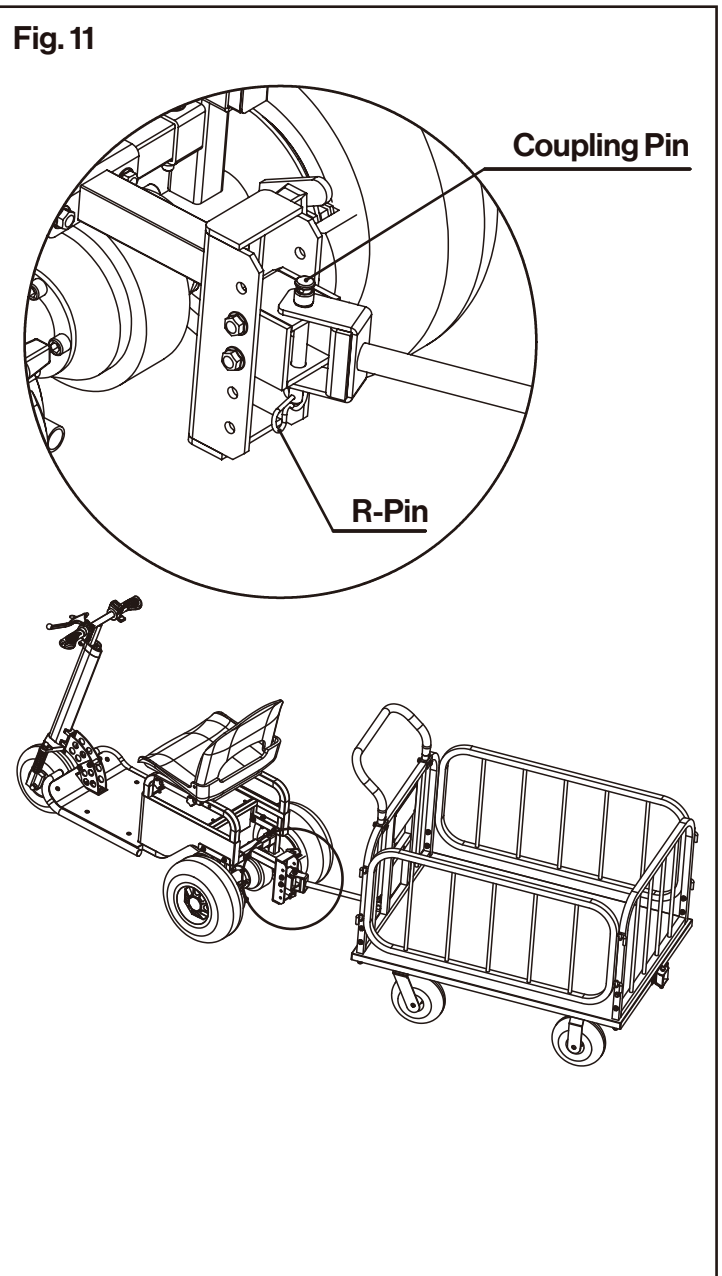
- Do not place hands inside the open coupling.
- Inspect the coupling pin for damage before use.
- Ensure the R-Pin is properly engaged in the locating hole.

⚠ WARNING

Before operating the tugger, ensure the following:

- All parts are undamaged.
- All functions are operating correctly.
- Proper batteries and chargers are used.
- Daily inspection and function checks are performed.

Fig. 11



Operation

General Inspection Before Operation

A general inspection helps identify faults or malfunctions. Check the following before each use:

DO NOT USE THE TUGGER IF ANY MALFUNCTION IS FOUND.

- Check for cracks, scratches, or deformation.
- Check for vertical creep.
- Ensure the wheels rotate smoothly.
- Test the emergency brake.
- Confirm all bolts and nuts are secure.
- Visually inspect for damaged or exposed wires.
- Ensure the load is secure and not overloaded.
- Check for any safety hazards around the tugger.

WARNING

General safety rules cannot cover every possible situation. You are responsible for using proper tools, reporting hazards, and ensuring the safety of yourself and others.

Indoor and Outdoor Use

Doors can be tight. Approach slowly and make sure the rear wheels fit through. The tugger cannot pass through doorways narrower than 24 inches (62 cm).

The tugger is suitable for indoor and outdoor use, but do not operate it in rain, snow, or standing water. On uneven ground, reduce speed and approach directly. Do not attempt to cross obstacles over 2 inches (5 cm) high, as it may cause tipping.

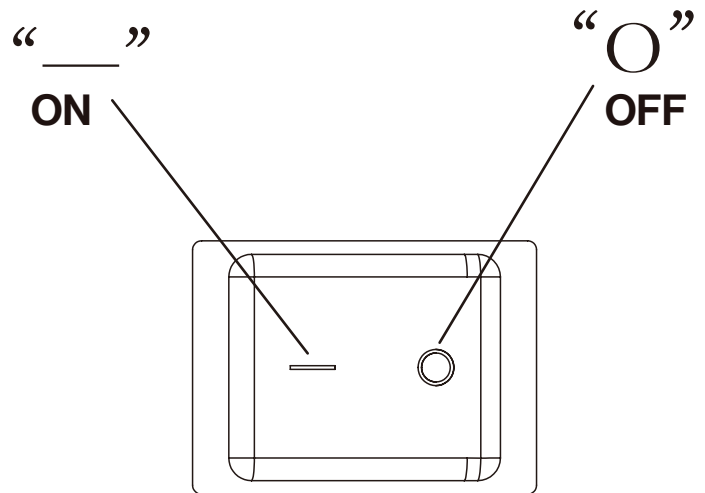
WARNING

Always stay alert to your surroundings to avoid injury or collision.

Power On/Off

To power the tugger, turn the power switch to the “I” position (A) to turn it on, and to the “O” position (B) to turn it off. **(Fig. 12)**

Fig. 12



The tugger uses a 48V Li-Ion battery, which must be inserted into the active battery slot to operate the unit. (Fig. 13)

The backup battery slot is for storage only and does not supply power.

Notice: Insert the battery correctly following the label instructions.

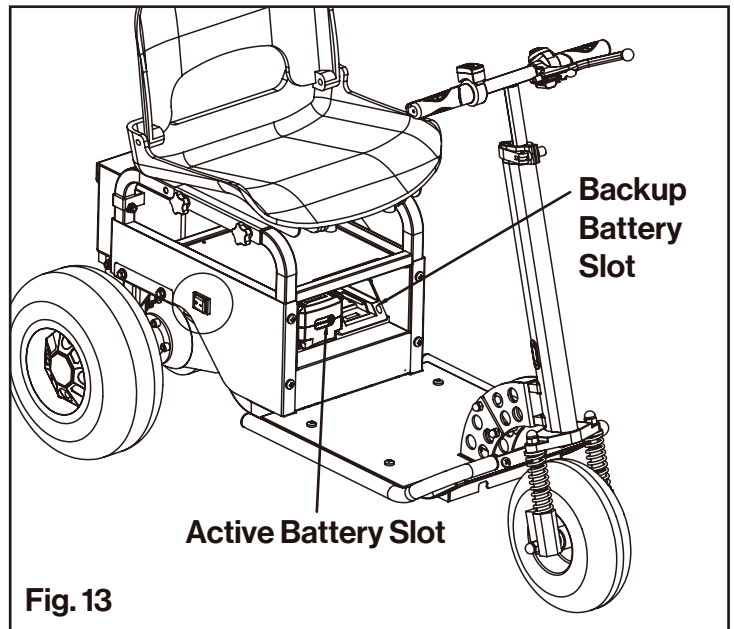


Fig. 13

To supply power to the throttle and battery indicator unit, press the red power button located on the left side.

Press it inward to turn the unit ON, and press again to release (pop out) and turn it OFF. (Fig. 14)

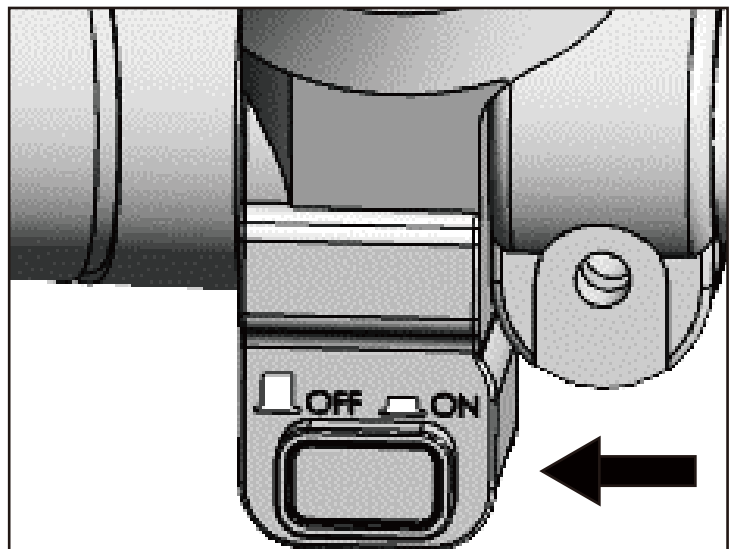


Fig. 14

Battery Level Indicator

The LED indicators display remaining charge:

1. One LED: 0~40% battery capacity.
2. Two LED: 40%~70% battery capacity.
3. Three LED: 70%~100% battery capacity.

WARNING

Soft Riding Condition:

When the battery is nearly depleted, the tugger may operate at reduced speed.

If this occurs, power the unit off and restart. Drive slowly until you can recharge the battery.

Forward/Reverse Switch

Located on the left handlebar.

Push the control knob upward to drive forward.

Push it downward to reverse.

Wait one second after switching directions to engage — this delay protects the electrical system.

WARNING

Always be alert to the area around your driving path to avoid hurting people or hitting objects!

Reversing the tugger is allowed only when nothing is being towed. Do not reverse backwards when-towing multiple trailers, turn forward and make a U-turn!

Always bring the unit to a complete stop before-shifting from forward to reverse or from reverse to forward.

Accelerator

Use your right thumb to press the accelerator lever to control speed.

The farther you press, the faster you go.

Release the lever to return to neutral and stop the tugger.

WARNING

Never exceed speeds suitable for the terrain.

Always maintain a safe speed for emergency braking.

Fig. 15

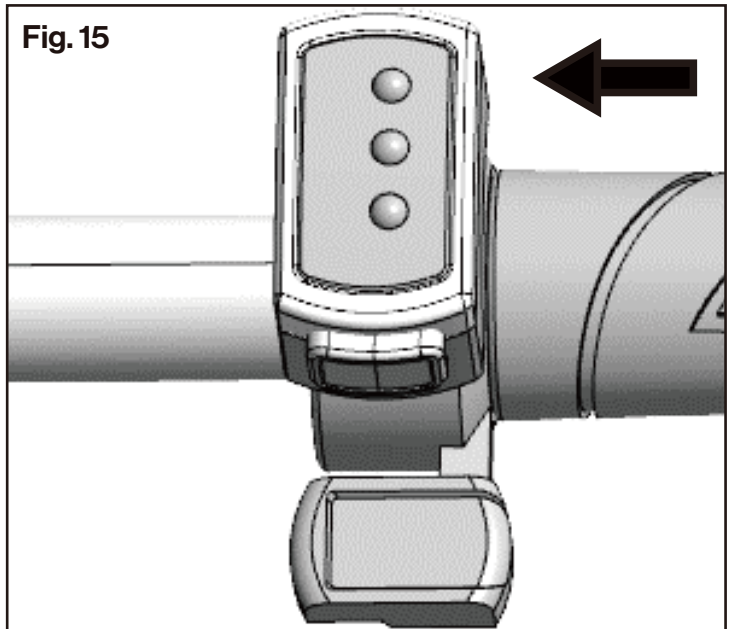


Fig. 16

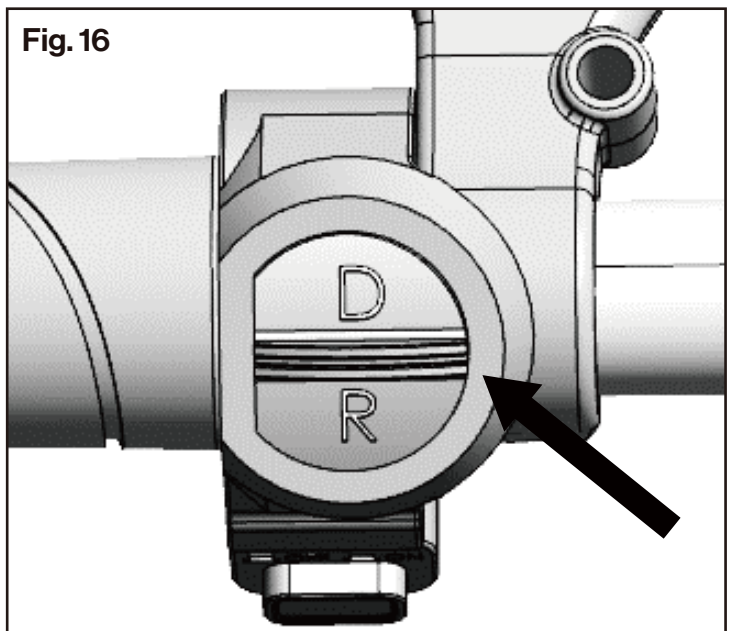
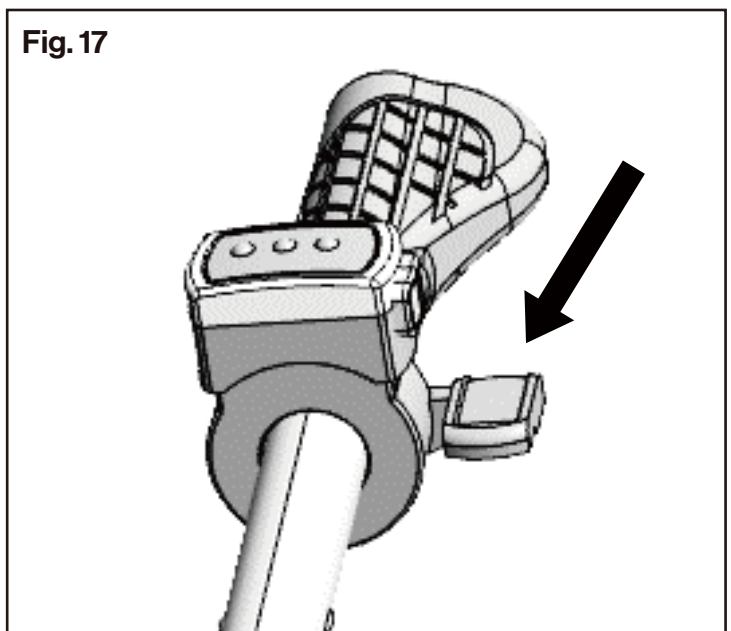


Fig. 17



Turning

Always slow to a safe speed before turning. Use extra caution on uneven or sloped surfaces.

If you take a corner too fast, the inner rear wheel may lift. If this happens, immediately reduce speed, ease your steering angle, and shift your weight toward the lifting wheel.

Always stay alert to your surroundings to avoid injuring people or hitting obstacles.

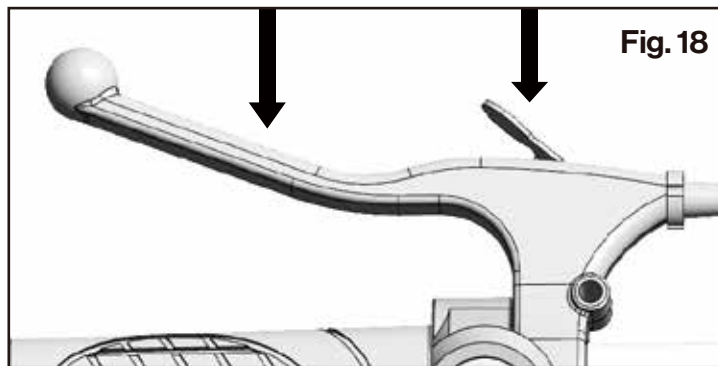
Brake & Parking

The left brake lever controls a mechanical brake that slows the right rear wheel.

Pull the brake lever to stop the tugger. Braking performance depends on road conditions, load, and speed. Release the lever to move freely again.

A parking brake is located at the front of the handle. While holding the brake lever, push the parking brake to lock the right rear wheel in place. The tugger will remain stationary in park mode. **(Fig. 18)**

Practice braking at different speeds in a safe, open area before operating near people or obstacles.



WARNING

Do not leave the tugger parked on a ramp for extended periods. Always park on firm, level ground.

Do not leave the tugger unattended without power.

Maintenance

Brake Maintenance

1. Periodically check the brake fluid level in the oil cup. If it's low or the brake isn't working, remove the oil cup cover and add brake fluid.
2. If the brake still doesn't function, replace the brake pads.
3. If the issue persists, inspect the brake fluid circuit for damage and replace it if needed.
4. Check for leaks or loose connections at the oil pipe joint. If found, replace the gasket or tighten the bolt.

WARNING

- **Hydraulic fluid under pressure can penetrate skin or enter eyes. If exposed, flush with water and seek medical attention immediately.**
- **Always wear eye protection when servicing hydraulic systems.**
- **Keep all fluid and electrical service lines in good condition. Inspect them before starting and regularly during operation.**
- **Do not use your hands to check for leaks. Use a large piece of cardboard instead.**

Tire Maintenance

Check tire pressure regularly to ensure safe operation.

- Rear tires should be maintained at 28 PSI $\pm$ 2 PSI.
- Front tire should be maintained at 45 PSI $\pm$ 2 PSI.

Inflate as needed if pressures fall outside these ranges.

Battery and Charger

Safety Instructions

Charging the Battery

- **First Use:** Fully charge the battery before initial use or after a long period of non-usage.
- **Charging Time:** A full charge takes approximately 1.5 hours for a fully discharged battery.
- **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 solid red while charging and switch to solid green when fully charged.
- **Overcharge Protection:** The charger has built-in overcharge protection. 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. To resume charging after a full charge, unplug and plug the charger back in to reset.

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



Battery Level Indicator

- **Battery Status:** 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%

Low Power Condition: When the battery is nearly depleted, the device may operate at reduced performance. Recharge or replace the battery as soon as possible.

Safety & Maintenance

- **Regular Inspection:** Check the charger for damage to the cord, plug, or casing. Do not use a damaged charger.
- **Charger Compatibility:** Only use the recommended charger to avoid injury or damage.
- **Temperature:** Charge between 32°F (0°C) and 120°F (49°C). Warm cold batteries to room temperature before charging.
- **Ventilation:** Charge in a well-ventilated area, away from flammable materials.
- **Handling Overheating:** If the battery overheats, disconnect it and let it cool. Contact customer service if the issue persists.
- **Maintenance:** Fully charge and discharge the battery at least once every 8 months.
- **Storage:** Store the battery fully charged, away from metal objects to prevent short circuits.

Battery

Your device uses a 48 Volt Lithium-Ion battery that is easily detachable.

1. Fully charge the battery before first use or after long storage.
2. The battery is about 50% charged when shipped.
3. To remove the battery, ensure the device is off and on a stable surface. Open the cover, press the grey button, and remove the battery.
4. Insert the charger pin into the battery's center port. The charger LED will be solid red while charging and solid green when fully charged.
5. Charge in a clean, dry area.
6. Frequent partial charges prolong battery life compared to full discharges.
7. Fully charge before extended storage.
8. When not in use for long periods, remove and recharge the battery every 8 months.
9. Damage from water, collision, or improper storage is not covered by warranty.

Charger

1. The charger LED is red while charging and green when fully charged.
2. Includes overcharge protection.
3. Regularly inspect for damage. Do not use a damaged charger.
4. Unplug when not in use. Reset by unplugging and replugging to resume charging.
5. Use only the provided or recommended charger.



Improper use, installation, or maintenance of the charger or battery can result in serious injury or death.

Instructions For Charging

1. Turn off the device and remove the battery.
2. Plug the charger into the battery and then into the power supply.
3. The charger LED will be red while charging and green when fully charged.
4. Unplug from the power supply, then disconnect from the battery.
5. Using the device until the battery is fully discharged will not damage the battery.

Battery Use and Care Warnings

1. Fully charge before first use.
2. Charge at room temperature. Warm cold batteries before charging.
3. Charge in a well-ventilated area, away from flammable materials.
4. Do not leave the charger connected for more than 24 hours.
5. If the battery becomes hot during charging, disconnect and let it cool. Contact customer service if the issue persists.
6. Store the battery fully charged and away from metal objects.
7. The battery switch is self-resetting and will turn off after 15 minutes of inactivity or when removed from the device.

Transportation and Storage

Transportation

Use appropriate lifting equipment such as a forklift or crane to place the tugger onto a transport vehicle. Secure the tugger properly during transport.

During loading, unloading, or transport, do not throw, drop, toss, or subject the unit to impact or rough handling.

- Always secure the tugger when on a lorry or truck.
- Use wedges to prevent accidental movement.
- Ensure lashing straps are strong and properly fastened.
- Use anti-slip materials (e.g., pallets, wedges) during loading and unloading.
- Secure the tugger with lashing straps on a man-up platform if used.

WARNING

Before lifting the tugger, remove any loose bars, tools, or parts that could shift and cause injury or damage.

Storage

1. Store in a cool, dry, dust-free area away from direct sunlight and rain.
2. Turn off the power and park the tugger securely.
3. Keep the machine clean and free of debris, grease, or oil.
4. Protect from corrosion and dust.
5. If lifting the tugger, ensure it is stable and will not fall, slide, or shift during the process.

WARNING

Before reuse, inspect the tugger's control system, battery power, brakes, tire pressure, and installation stability.

Warranty

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.

Troubleshooting

Issue	Possible Cause	Solution
The tugger does not operate.	Tugger is not powered on.	Press the red button on the left handlebar to enable power to the throttle and display. Ensure it is pressed in to turn on.
	Battery is not charged.	Charge battery.
	Hand brake or parking brake is engaged.	Disengage both the hand brake and parking brake.
	Battery is not installed properly.	Check battery installation, re-seat it into the active battery slot.
	Electrical Fault.	Contact Customer Support for further diagnosis.
Power is intermittent.	Low battery capacity (soft riding condition).	Charge Battery.
	Battery is not installed properly.	Check battery installation, re-seat it into the active battery slot.
Dies quickly or runs slow.	Excessive Load Weight.	Users should not exceed the 350 lb weight limit.
	Towing weight.	Do not exceed 3500 lb (1590 kg) towing weight.
	Riding on rough terrain or steep slopes.	Use only on flat, dry ground. Avoid potholes and slopes greater than 12°.
	Battery not fully charged.	Fully charge the battery before use.
	Old/Damaged Battery.	Replace Battery.
	Electrical Fault.	Contact Customer Support for further diagnosis.



Thank you for supporting our brand!

superhandyus.com



Great Circle USA
Support Line: 1-866-493-0524
help@superhandyus.com
www.superhandyus.com



Follow us on social media
@SuperHandy