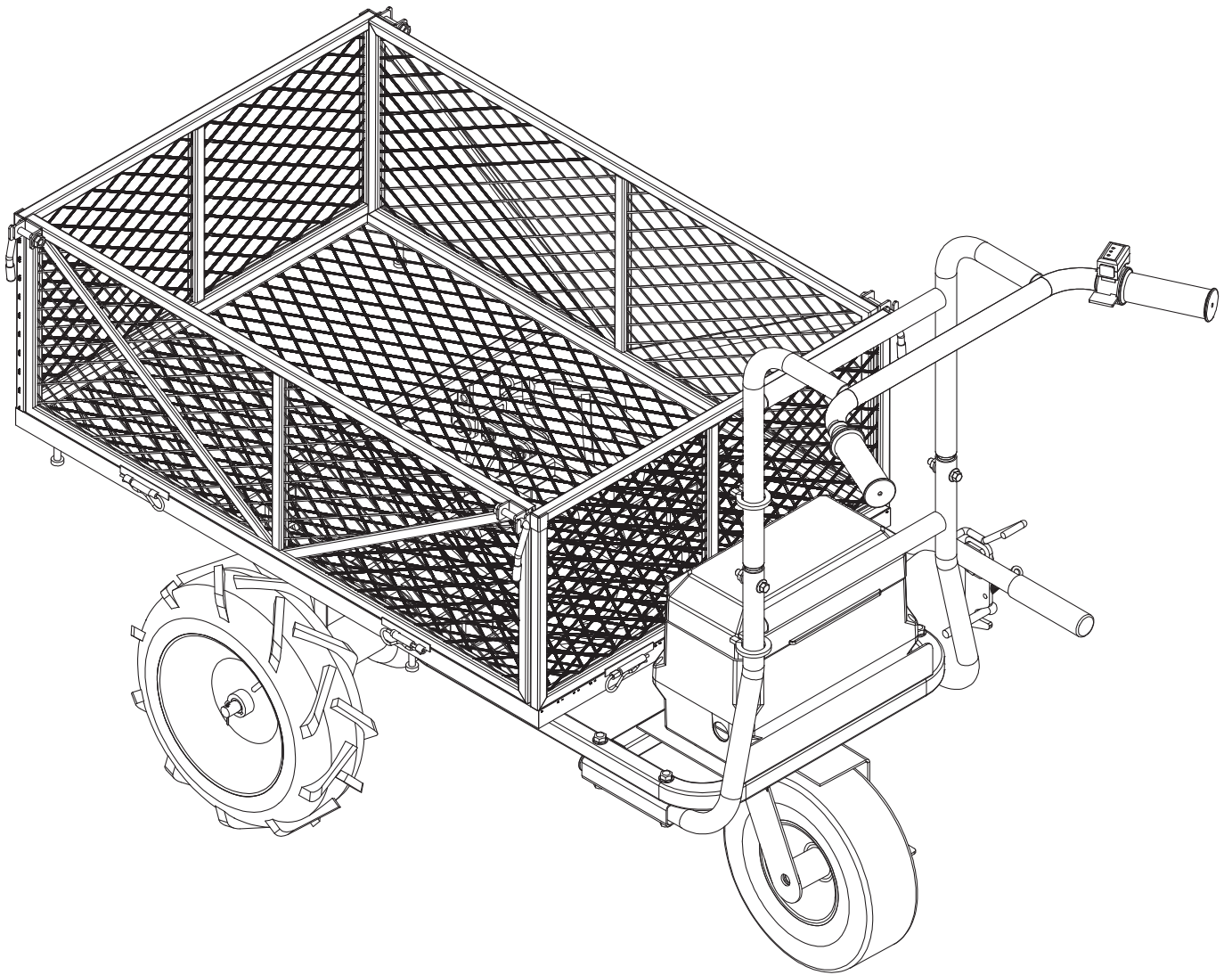




Electric Power Cart

Instruction 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.

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1. WARNING

POWER CART SAFETY USE WARNINGS

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. Wear shoes with non-slip treads. If you have safety shoes, wear them. Do not use your power cart while barefoot or wearing open sandals.
3. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power-tools create sparks which may ignite the dust or fumes.
4. Never operate your power cart in the rain or in tall wet grass. Remember, this is an electric garden cart.
5. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
6. When operating the machine, stand behind the machine and hold the handles firmly.
7. Do not operate the machine while riding on the machine.
8. Do not allow others to ride on the machine.
9. When operating the machine in reverse and walking backward, watch behind you and be careful not to slip or trip.
10. Do not use the machine when visibility is poor, because there is a risk of striking obstacles.
11. When operating the machine on rough ground, decrease speed and exercise caution.
12. When using the machine, avoid soft ground to prevent overturn due to the shoulder of the road collapsing.
13. Do not operate the machine on upward slopes greater than 12°.
14. If you find an abnormality, stop the machine on flat ground. Before inspecting the machine, step the brake lever and lock the brake, and then turn the power off.
15. Before operating the machine, make sure that the lock lever is fully pulled down and completely locked. If the lock is incomplete, there is a risk of accident or injury as the carrier or bucket may be tilted and the objects fall when going downhill.
16. Be careful not to entangle the cords with the load or obstacles.
17. Use only manufacturer-recommended replacement parts and accessories

PERSONAL SAFETY WARNINGS

1. This is not a toy. Children under 14 years of age are not allowed to operate it.
2. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.
3. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
4. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or BATTERY pack, picking up or carrying the tool.
5. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
6. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
7. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.
8. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
9. Does not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

10. Always wear protective goggles to protect your eyes from injury when using power tools.
11. It is an employer's responsibility to enforce the use of appropriate safety protective equipment's by the tool operators and by other persons in the immediate working area.

OPERATION ON SLOPS WARNINGS

1. Do not cross on slopes. Be sure to decrease speed and exercise caution.
2. Exercise caution when starting or stopping the machine on slopes.
3. As the loads become less stable on slopes, firmly secure the loads with ropes
4. As the machine becomes unstable depending on the condition of the road, keep the load to a minimum
5. As the view is obscured on slopes, keep the height of the load to a minimum
6. Never park the machine on steep slopes. Park the machine on flat ground, pull the brake lever and lock the brake, and then turn the power off.
7. Do not change the direction or speed mode on steep slopes
8. Do not release the switch trigger on upward slopes. The machine may go in reverse and cause an accident.
9. Make sure that the remaining battery capacity is enough before operating on slopes. If the remaining battery capacity is not enough, charge the battery or replace it with a charged one.

LOADING OBJECTIVE WARNINGS

1. Do not overload objects. When loading objects, be sure to follow the instructions and load limits in the manual.
2. Firmly secure the objects with ropes.
3. Load the objects within the carrier or bucket. If the objects protrude from the carrier or bucket, there is a risk of accidents due to the objects falling or contact obstacles such as walls
4. Be sure that loaded objects are below eye level. If the load is too high, it is dangerous because the view is obscured. Also, there is a risk of overturning and injury because the load is likely to be unbalanced.
5. Load the objects on the carrier or bucket evenly. If the objects are loaded unevenly, there is a risk of overturning and injury because the load is likely to be unbalanced.
6. Before loading the objects or operating the machine, make sure that the lock lever is fully pulled down and completely locked.
7. Load and unload objects on flat ground.
8. When lifting and tilting the carrier or bucket, hold the handles and frame firmly, and work in a stable posture.

BATTERY POWER TOOL USE AND CARE WARNINGS

1. Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into power tools that have the switch on invites accidents.
2. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
3. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
4. When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or fire.
5. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with plenty of soap and water. If liquid contacts eyes, immediately seek medical help. Liquid ejected from the battery may cause irritation or burns.
6. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
7. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
8. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
9. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

2. TECHNICAL SPECIFICATIONS

SKU#	GUO026
Rating	48 Volt DC/500W
Loading Capacity	500 lb / 230 kg
Battery Pack	48V,4Ah,177.6Wh Lithium Battery
Speed	Forward: 0-4.4MPH(0-7km/h) Variable, Reverse: 0-2.2MPH(0-3.5km/h) Variable

3. Unpacking Instructions

1. Tools Required



Open-end Wrench (Not included)
10mm(x2), 12mm, 13mm

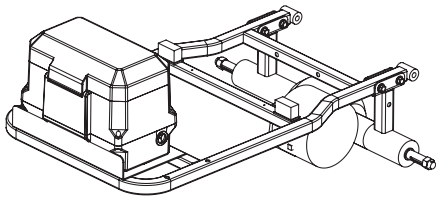


Circlip Pliers (Not included)

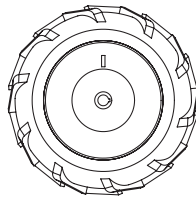


Cross Screwdriver (Not included)

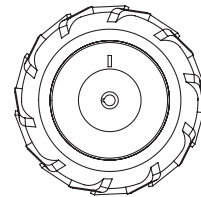
2. Main parts and accessories



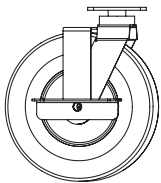
1. Cart base



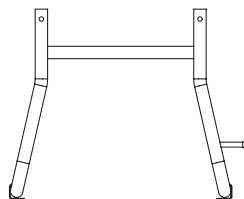
2. Left wheel



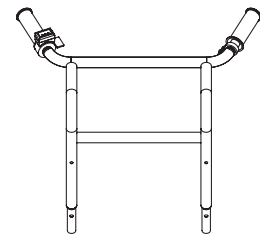
3. Right wheel



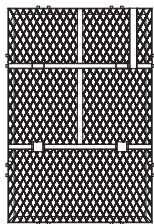
4. Swivel Wheel (x2)



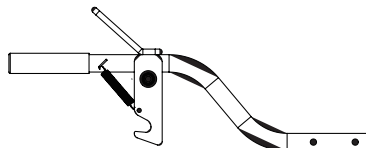
5. Bottom handle-bar



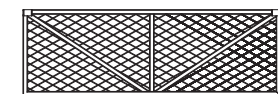
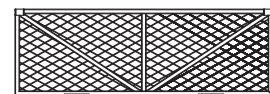
6. Top handle-bar



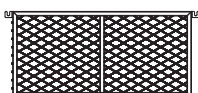
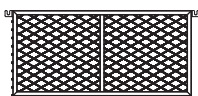
7. Main Frame



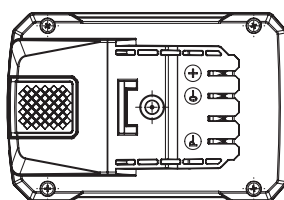
8. Dumping handle



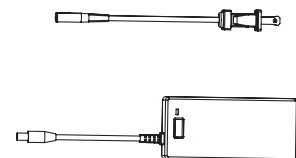
9. Left & Right fence



10. Front & Back fence



11. Lithium battery



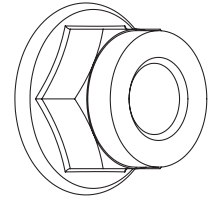
12. Charger



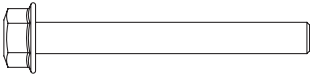
A. Axle key (x2)



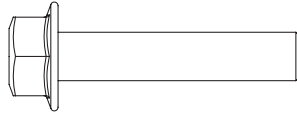
B. Cotter Pin (x2)



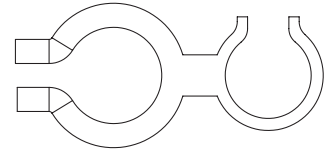
C. M8 Flange Nut (x12)



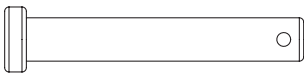
D. M8x70 Bolt (x4)



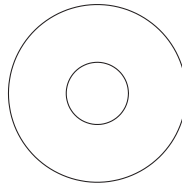
E. M8x40 Bolt (x2)



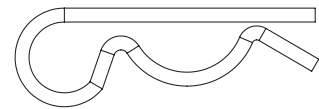
F. Clamp (x4)



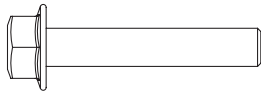
G. 10x70 Pin (x2)



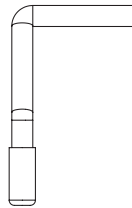
H. 10 Washer (x4)



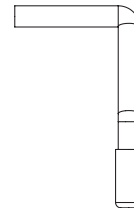
I. Small R-Pin (x2)



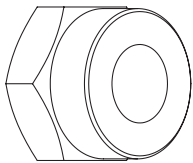
J. M8x45 Bolt (x2)



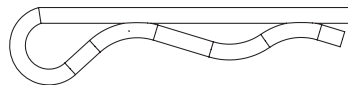
K. Left fence Handle (x2)



L. Right fence Handle (x2)



M. M8 Nut (x4)

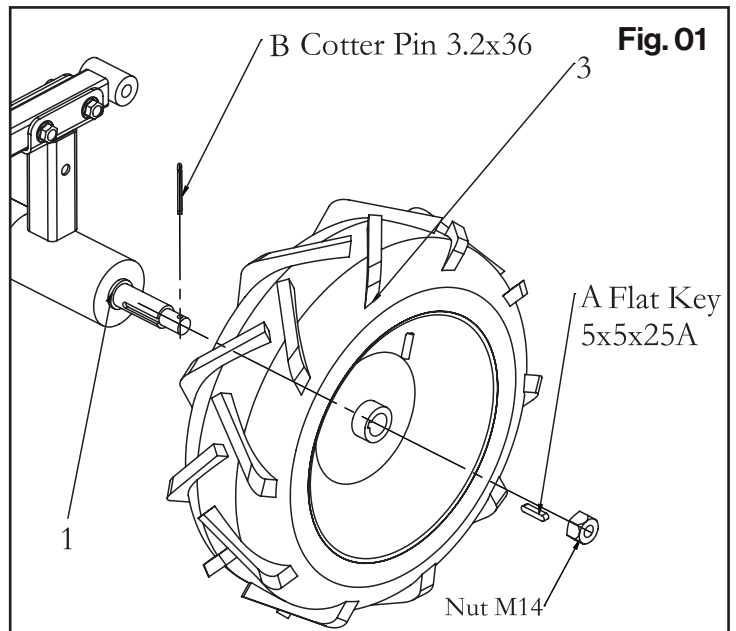


N. Big R-Pin (x8)

4. ASSEMBLY

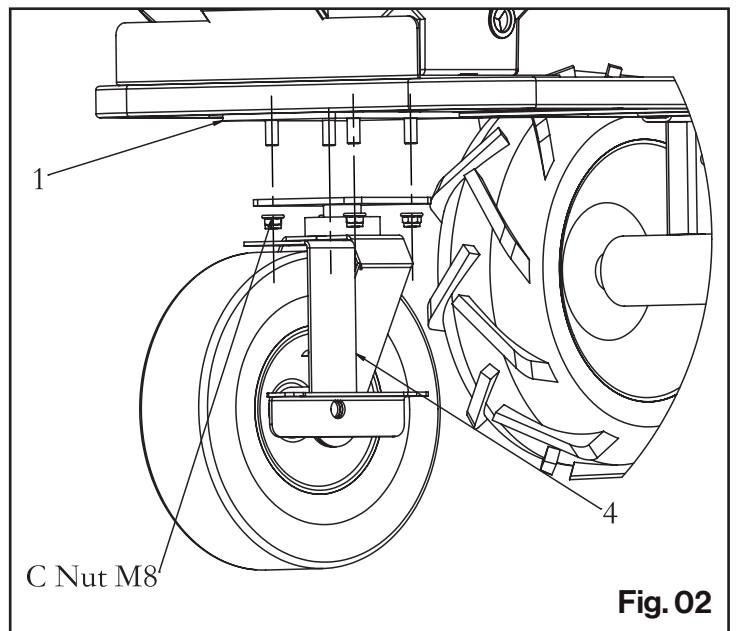
Assemble Wheels

- 1) Remove the M14 nut from the Cart base (1).
- 2) Align the right wheel (3) with the keyway on the Cart base (1) and assemble it. Fully insert a 5x5x25A flat key (A) into the keyway, tighten the wheel with an M14 nut, and then lock the nut with a 3.2x36 cotter pin (B).
- 3) Assemble the left wheel (2) using the same method. **(See Fig. 01)**
- 4) **Note: The valve core faces outward**



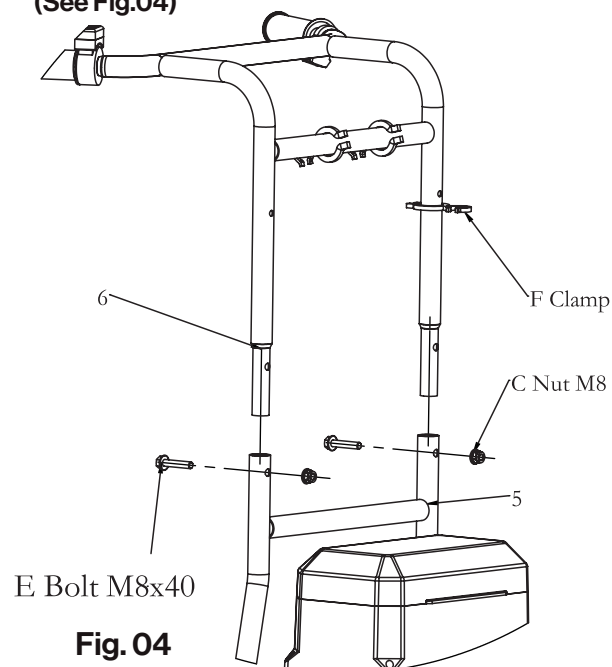
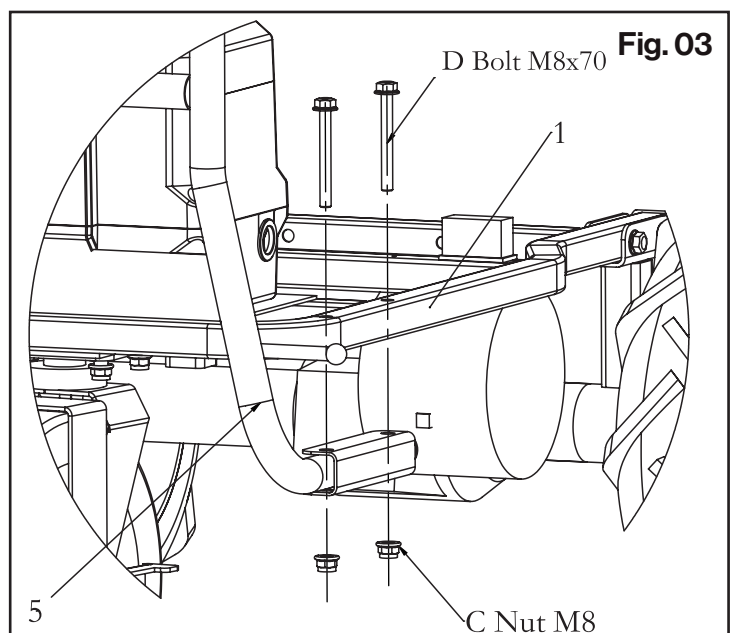
Assemble swivel Wheel

- Align the bracket hole on the swivel wheel (4) with the welded bolt on the Cart base (1), and secure it with 4 M8 flange nuts (C). **(See Fig.02)**



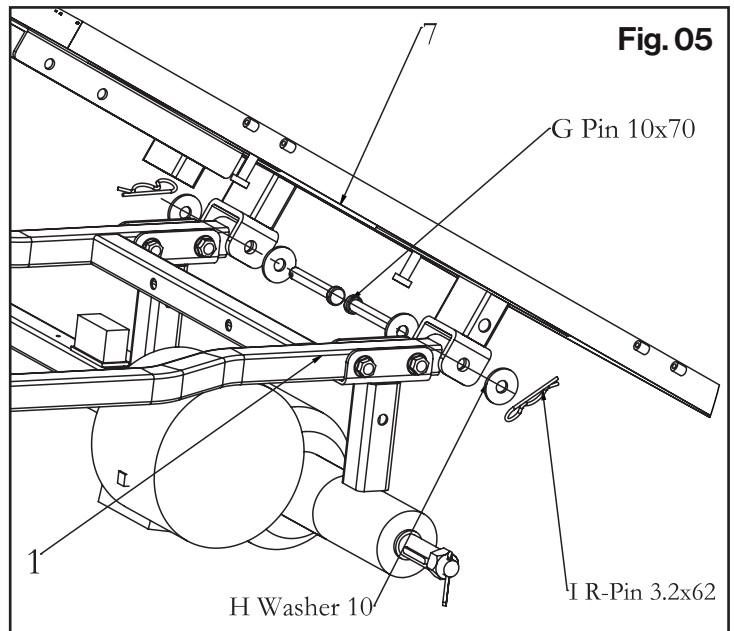
Assemble Handle-bar

- 1) Place the Bottom handle-bar (5) into the Cart base (1) and secure it with 4 M8x70 bolts (D) and 4 M8 flange nuts (C). **(See Fig.03)**
- 2) Insert the Top handle-bar (6) into the Bottom handle-bar (5) and secure it with 2 M8x40 bolts (E) and 2 M8 flange nuts (C).
- 3) Secure the wires to the handle using 4 Clamps (F) **(See Fig.04)**

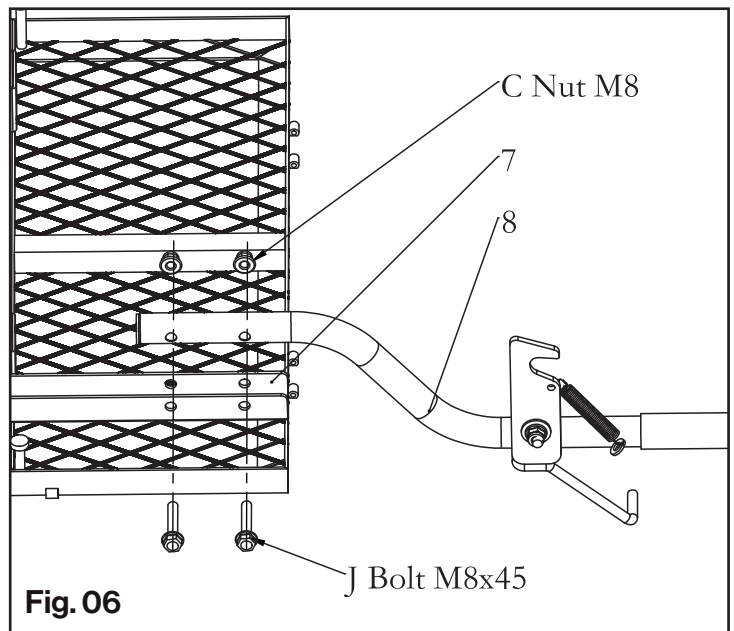


Assemble Frame

- 1) Place the main frame (7) with the mesh facing up, align the holes of the U-shaped groove underneath it with the corresponding holes on the Cart base (1), and secure it using 2 10x70 pins (G), 4 10 washers (H), and 2 3.2x62 R-pins (I). (See Fig.05)

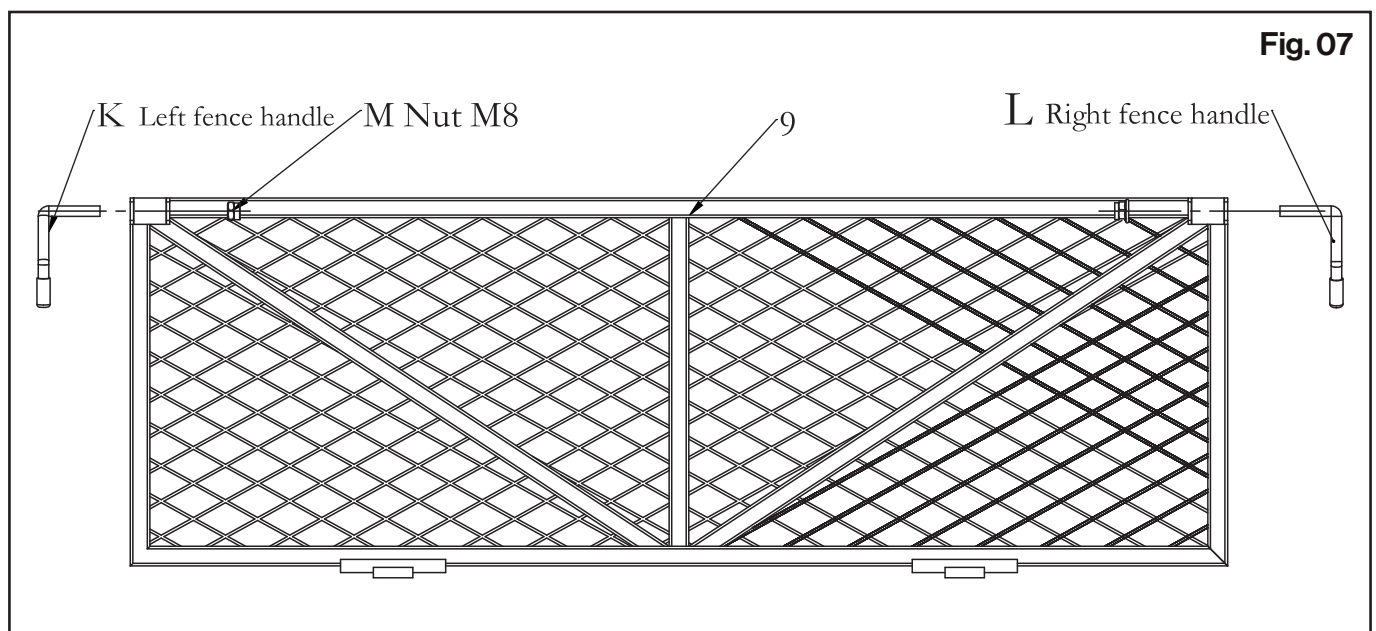


- 2) Align the Dumping handle (8) with the corresponding holes on the main frame (7), and secure it using 2 M8x45 bolts (J) and 2 M8 flange nuts (C). (See Fig. 06)

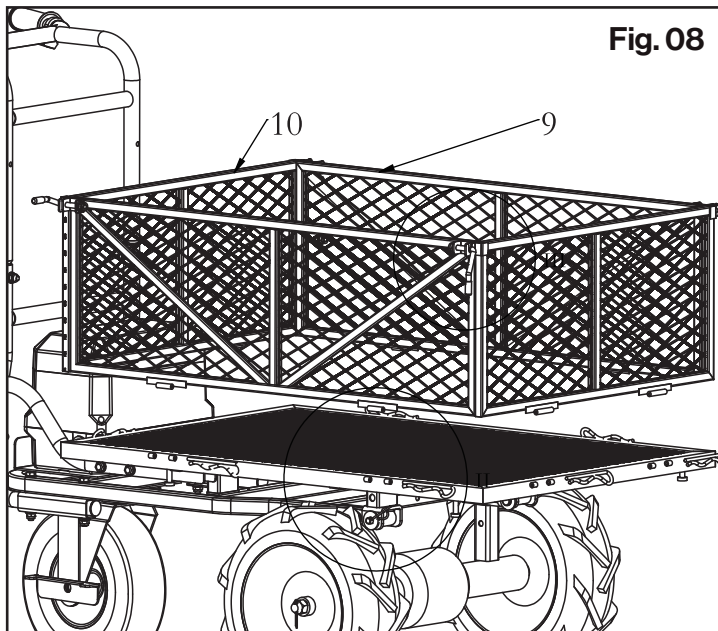
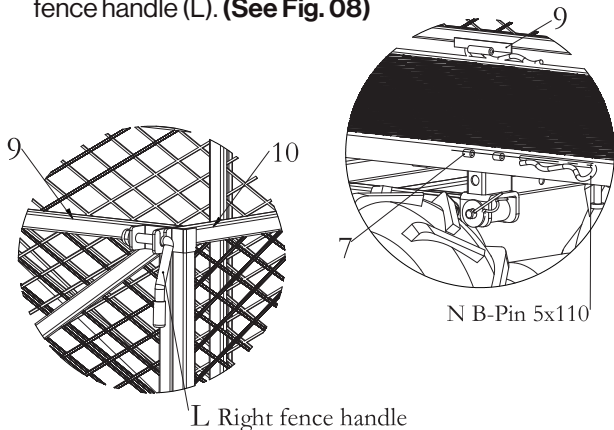


Assemble Fences

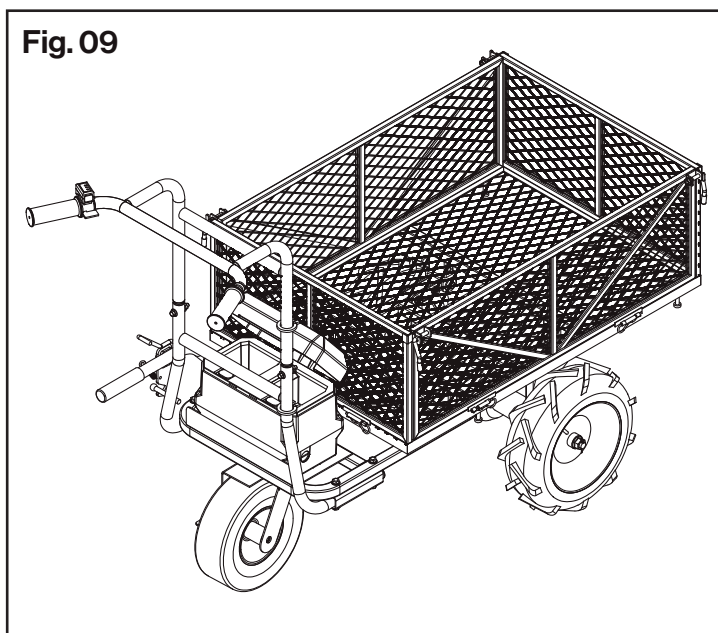
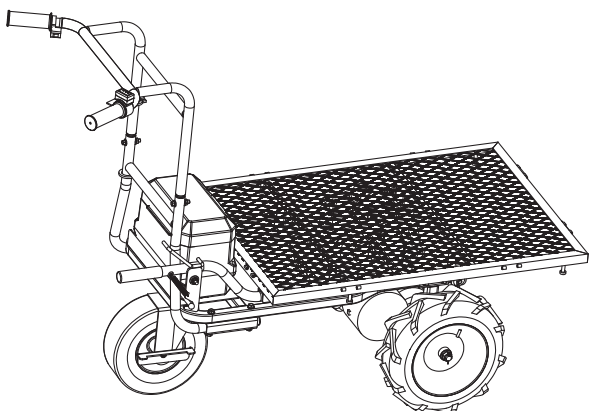
- 1) Assemble the left fence handle (K), right fence handle (L), and secure them on the left&right fences (9) using 2 M8 nuts (M). Repeat the same assembly for the other side left&right fences (9). (See Fig. 07)



- 2) Align the holes of the left&right fences (9) and the front&back fences (10) with the corresponding holes on the main frame (7), and secure them using 85x110 B-pin (N).
- 3) Secure the left&right fences (9) and the front&back fences (10) using left fence handle (K) and the right fence handle (L). **(See Fig. 08)**

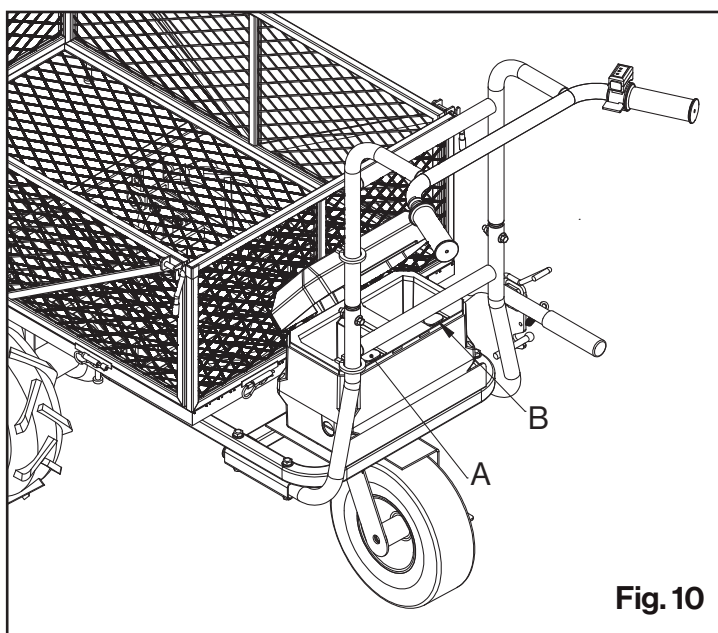


NOTICE:
When loading unusually sized items, you can remove the fences, but do not exceed the maximum load capacity of the cart and ensure safe operation. **(See Fig. 09)**



5. OPERATION

1. Open the battery box, turn on the power switch (A), there are 2 battery compartments, make sure the battery switch button on the right position (B) **(See Fig. 10)**



2. Press the start switch (C) on the right handle, then the battery indicator (D) will light up with all 3 LED lights and machine is ready for working. Press and hold the Switch trigger (E) to start working. By pressing less or more to control the moving speed. (See Fig. 11)

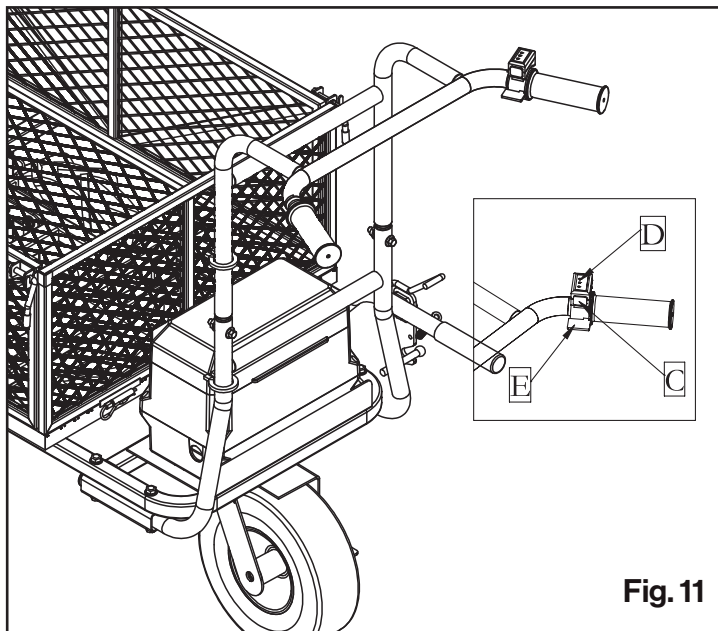


Fig. 11

3. Use the direction button (F) on the left handle for forward and reverse. (See Fig. 12)

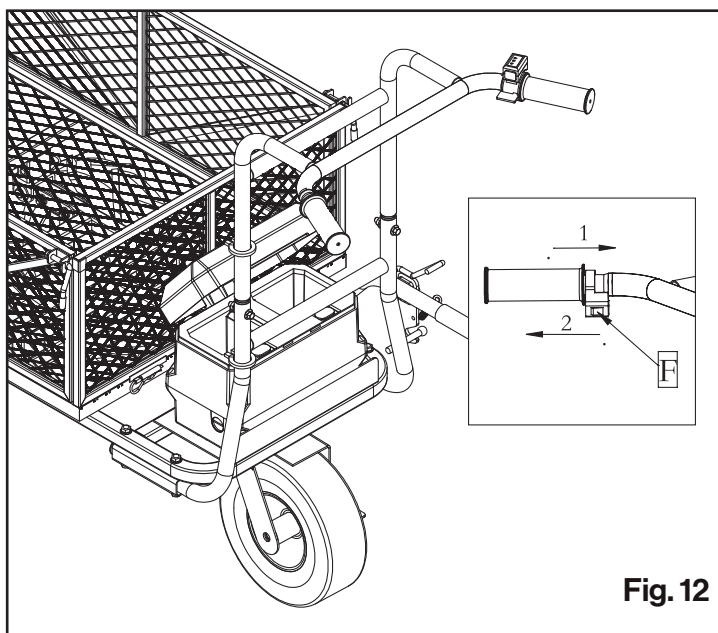


Fig. 12

4. Release the lock lever (1) out from the dumping handle holder, push the dumping handle to lift the cart for dumping. (See Fig. 13)

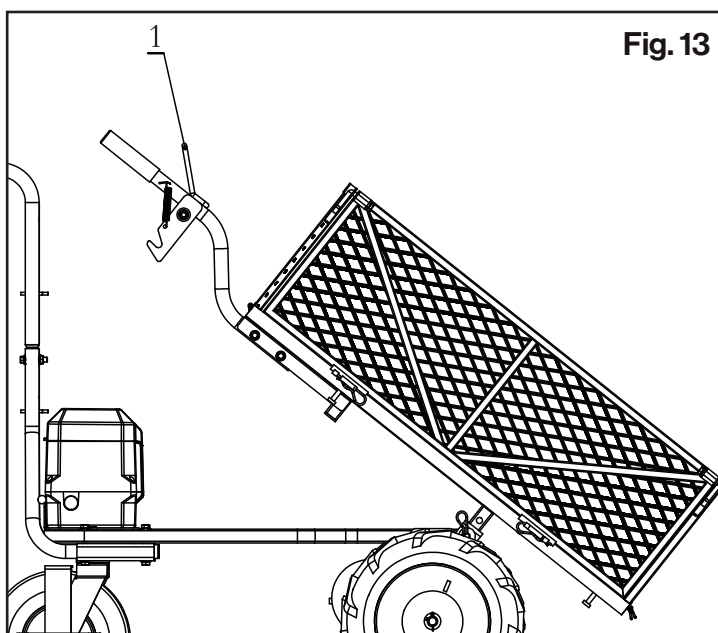


Fig. 13

REMAINING BATTERY CAPACITY CHECKING

During the normal working, the 3 LED lights of battery indicator are all on which means the battery is in full power. When the orange light in the middle starts to flash, it warns the power shortage and battery need to be charged or changed to a new one. If the lights turn to red, the machine stops automatically.

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY AND CHARGER

BATTERY

- 1) Battery must be fully charged before first use. Before shipping, there is only half capacity of battery. (Fig.9)
- 2) Insert charger pin to battery. Plug the charger into a 100-240 AC outlet, a red light should appear on the charger. Charge the battery until the light on the charger turns solid green.
- 3) Always charge the battery at room temperature (suggest temperature range is 32°F/0°C to 120°F/49°C). If the battery is used in a cold environment, allow it to warm up for at least an hour before charging. Cold batteries will not be charged completely and battery components may be damaged.
- 4) Only charge battery in well ventilated area away from flammable materials such as cloth or carpeting.
- 5) To disconnect charger, remove the plug from outlet, then disconnect the charger from the battery.
- 6) DO NOT leave the charger being connected to the battery for more than 24 hours.
- 7) The battery status indicator is mounted on the top of the battery to allow you to observe the level of the battery power while in use. To check the charge level, simply press the indicator button. The lights on the status indicator show the charge level of the battery.
 - a) **One LED (one red): 0~30% battery capacity;**
 - b) **Two LEDs (one red, one green): 30%~60% battery capacity;**
 - c) **Three LEDs (one red, two green): 60%~80% battery capacity;**
 - d) **Four LEDs (one red, three green): 80%~100% battery capacity.**
- 8) If battery becomes warm or hot during charging procedure, disconnect it from charger. Allow battery to return to room temperature, and attempt to charge again. If this persists a second time, disconnect battery from charger and contact customer service.

BATTERY MAINTENANCE

- 1) Fully charge and discharge the battery at least once every 8 months to maintain battery's health.
- 2) Store the battery on a full charge.
- 3) When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or fire.

CHARGER

- 1) The battery is charging when the LED light on the charger is red. When the battery is 100% charged, the light on the charger will turn solid green.
- 2) The provided charger has a built-in overcharge protection to prevent the battery from being overcharged.
- 3) Charging time is approximately 1.5-2 hours for a fully discharged battery.
- 4) Regularly inspect the charger for damage to the cord, plug, enclosure and other parts. In the event of such damage, the charger must not be used until it has been repaired or replaced.

Stopping Engine

- 5) **Unplug the charger from the wall outlet when not in use.** As a safety mechanism, when the charger stops charging because the battery is full, the charger must be reset by unplugging it from the wall outlet before it will resume charging.
- 6) **Use only the charger supplied with this machine or a recommended replacement specified by manufacturer.**
Failure to confirm compatibility, properly install, operate and maintain any charger, component or accessory can result in serious injury or death.

Fig. 14



6. MAINTENANCE AND STORAGE

Maintenance

- 1) Unplug battery before all maintenance and settings!
- 2) Serious injury due to unintentional or automatic activation of the machine! The machine does not require extensive maintenance.
- 3) If malfunctions and defects occur, let it be Serviced by trained persons only.
- 4) Clean your machine regularly after every usage - it prolongs the machines lifespan and is a pre-requisite for a safe working environment.
- 5) Repair jobs shall be performed by respectively trained professionals only! Check regularly the condition of the security stickers. Replace them if required. Check regularly the condition of the machine.
- 6) Store the machine in a closed, dry location.

Cleaning

- 1) The usage of certain solutions containing ingredients damaging metal surfaces as well as the use of scrubbing agents will damage the machine surface!
- 2) Clean the machine surface with a wet cloth soaked in a mild solution. Never use running water or a high-pressure cleaner to clean the machine. Clean the outer parts with a damp sponge.
- 3) Never clean the electronic parts with water!
- 4) Check the machine and remove the deposits and / or residues with a brush.

Storage

- 1) Clean thoroughly all components before storage.
- 2) Store all components separately in a dry area at not less than -10°C.
- 3) **Fully charge and discharge the battery at least once every 8 months to maintain battery's health.**
- 4) **Store the battery on a full charge.**

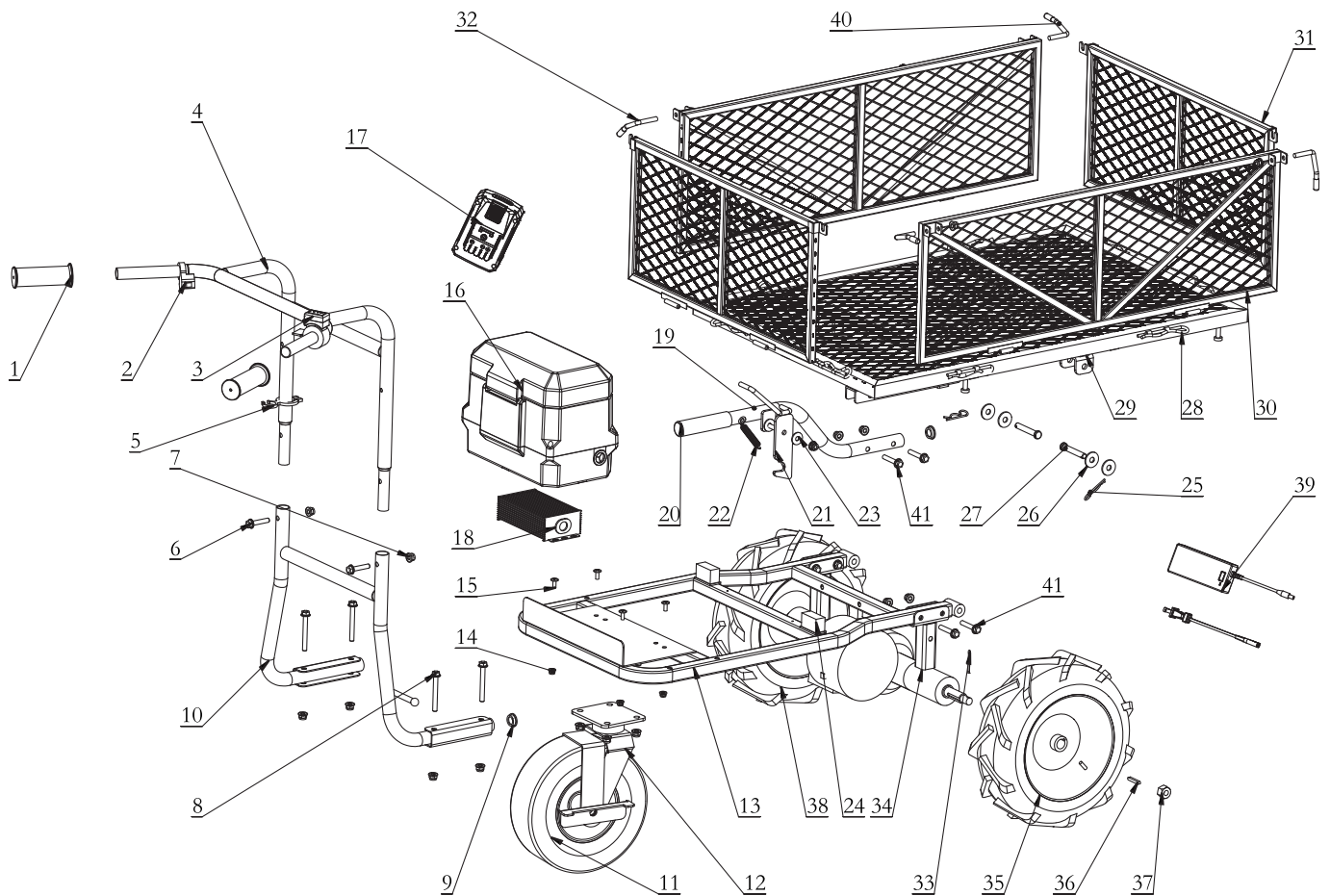
7. WARRANTY

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.

8. TROUBLE SHOOTING

Problem(s)	Possible Cause	Corrective Action
The power cart does not run.	Battery is not charged.	Charge the battery pack according to the instructions included with you model.
	The wire is loose.	Check all the connectors and to see if any part is loose or not.
	The controller is damaged.	Replace the damaged one with specific controller
The power cart runs sluggishly.	Battery volume is low.	See the battery indicator to check the volume. Charge the battery pack according to the instructions included with you model.
	The battery is old and does not accept full charge.	Replace the battery with a new one.
	The conditions are too stressful for your power cart.	The cart is intended for residential use. If slopes are too steep or the terrain too bumpy, your cart might experience a noticeable decrease in performance.

9. EXPLODED AND PARTS LIST



Part No.	Description	Q'ty	Part No.	Description	Q'ty
1	Handle bar grips	2	22	Spring	1
2	Direction control panel	1	23	Washer	2
3	Switch and speed controller	1	24	Square plug	2
4	Top handle-bar	1	25	R-Pin	2
5	Clamp	2	26	Washer	6
6	Bolt M8*40	2	27	Bolt pin	2
7	Flange nut M8	17	28	B-Pin	8
8	Bolt M8*70	4	29	Main Frame	1
9	Plastic plug	3	30	Left & Right fence	2
10	Bottom handle-bar	1	31	Front & Back fence	2
11	Swivel Wheel	1	32	Left fence Handle	2
12	Wheel bracket	1	33	Cotter pin	2
13	Base frame	1	34	Drive axle 48V 500W	1
14	Flange nut M6	4	35	Right wheel	1
15	Flange bolt M6*15	4	36	Flat Key 5*5*25	2
16	Battery case	1	37	Nut M14	2
17	Lithium battery	1	38	Left wheel	1
18	Motor driver	1	39	Charger	1
19	Dumping handle	1	40	Right fence Handle	2
20	Dumping handle grip	1	41	Bolt M8*45	6
21	Carrier lock lever	1			



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