VEVOR

Upgrade · The Home Creator Way

ELECTRIC TRAILER MOVER

MODEL:JY02

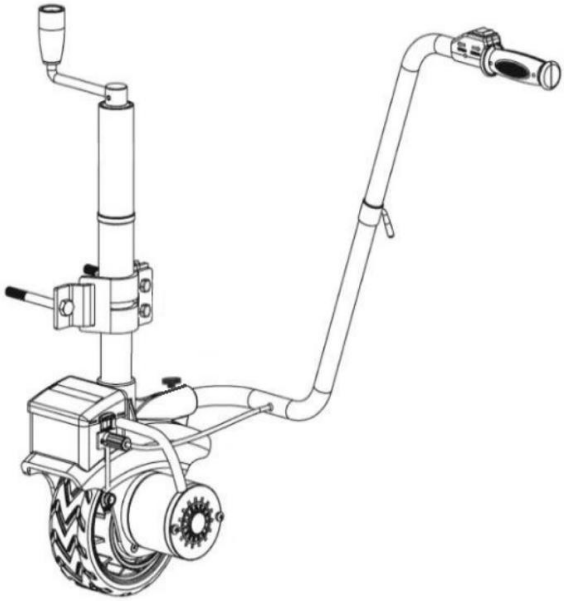
VEVOR Support Center

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

⚠ WARNING:

1Warning-To reduce the risk of injury, user must read instructions manual carefully.

2. The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.

3. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

4. Children shall not play with the appliance.

5. This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.

6. This appliance is intended to be used in household and similar applications such as:

– staff kitchen areas in shops, offices and other working environments;

– farm houses;

7. Please properly keep product. Check whether the product is abnormal before use. If it is abnormal, please stop using it.

8. Please use the product according to the intended use, warn of potential injury from misuse.

SAFE INSTRUCTIONS

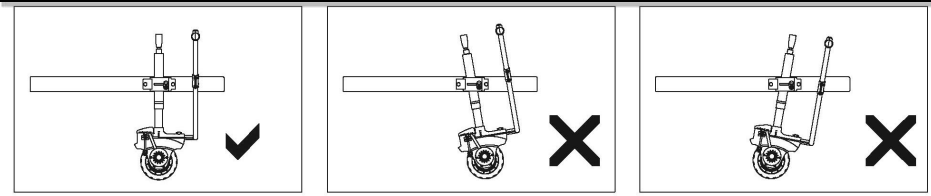
This manual uses following symbols to help differentiate between different kinds of information.The safety symbol is used with a keyword to alert you to potential hazards in operating and owning power tool. Follow all safety messages to avoid or reduce the risk of serious injury and death.

⚠ DANGER
DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
⚠ WARNING
WARNING indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury.
⚠ CAUTION
CAUTION indicates a potentially hazardous situation which, if not avoided, will result in deathor serious injury.
⚠ CAUTION
CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, will result in death

Safety Rules

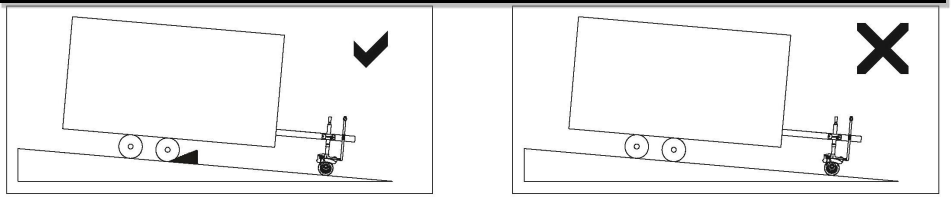
DANGER

Always pay attention to Electric Trailer Mover. If the Electric Trailer Mover abnormally warps, stop working immediately.



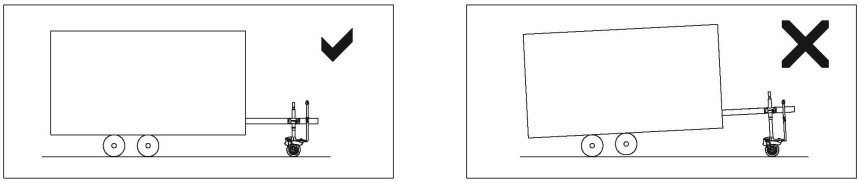
CAUTION

Apply blocks to the wheels of the vehicle when on an incline.

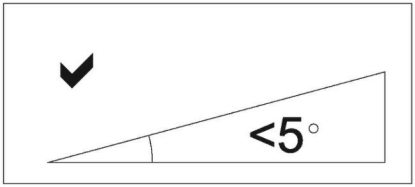


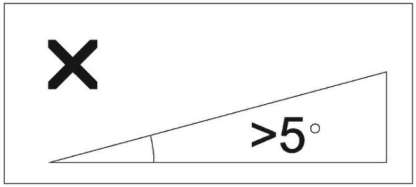
WARNING

Electric Trailer Mover is able to adjust its height for easy mounting, but Don't lift up for moving.



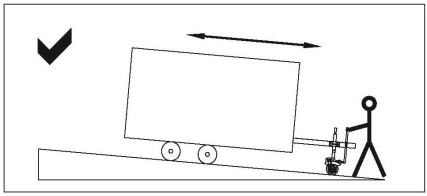
Do not push or pull vehicle on over 5 degrees Gradient.

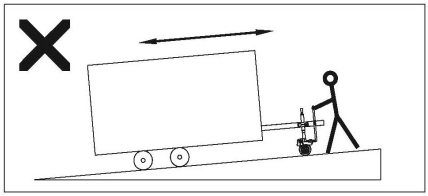




⚠ WARNING

When you push or pull vehicle on a gradient, Make sure Trailer Mover Stand is in the lower position.



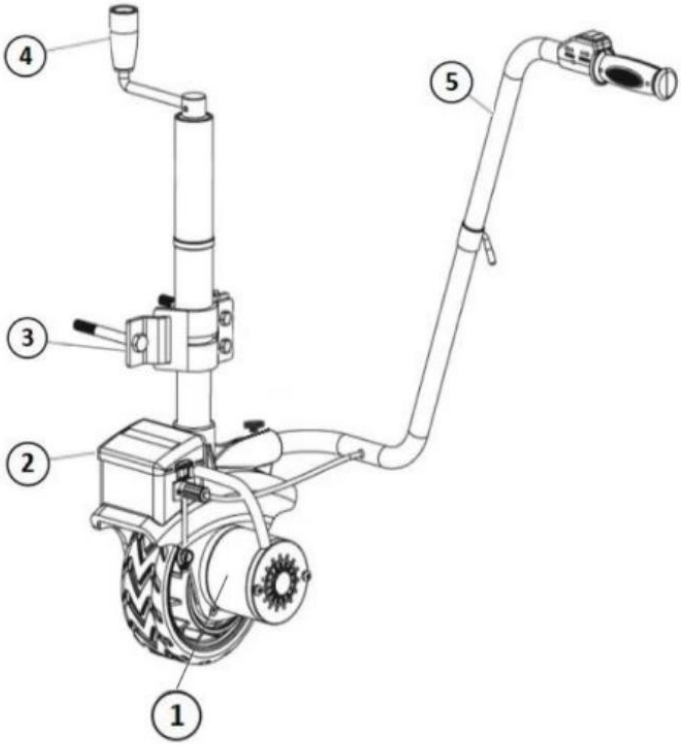


Safety Rules

⚠ DANGER
Please observe surrounding when you working with
⚠ WARNING
Disassemble the Trailer Mover and vehicle when not in use.
⚠ CAUTION
Do not exceed rated capacity

⚠ CAUTION
Please don’t submerge Trailer Mover and/or leave it on.
⚠ WARNING
Battery leads are replaceable but new leads have to be less than 3M in length and over 4mm^2
⚠ WARNING
Stop working when Trailer Mover tire won’t bite on slippery surfac

PRODUCT DIAGRAM



1.Motor & Gear system: DC motor provides power to the gear mechanism, and reduction gears convert motor power into moving force.
2.Control box: Include the electric components, and protect the motor from overheating damage.
3.Clamp: It is the same as normal jockey wheel clamp for fixing Trailer Mover to vehicle Chassis.
4.Lift Handle: Adjust the height of Trailer Mover.
5.Locking & Cover: The locking pin and cover prevent your Mini Mover from being stolen.
6.Control Handle: It allows operator to turn handle to the right or left.

PRODUCT INTRODUCTION

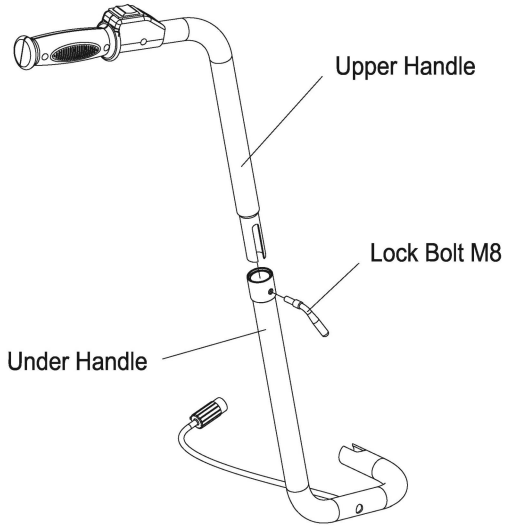
SPE / Mode	JY02
Rating(s)	12VDC,380W
Load Capacity	600lbs
Wheels	8" Airless Tires
Speed	6~7m/min
Gear ratio	326:1
Brake	Auto-brake
G.W	15.3KG
N.W	13.9KG

Package Content

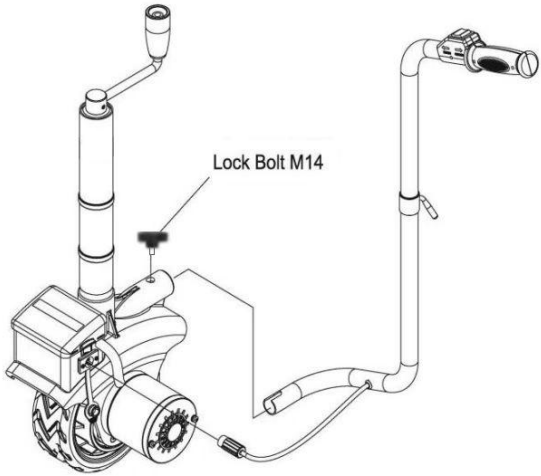
SPE / Mode	JY02
Electric Trailer Mover	1
Handle	1
power cord	1
Mounting Bracket	1
Screw Kit	1
Manual	1

PRODUCT INSTALLATION & OPERATION INSTRUCTIONS

Step1: Connect the upper handle and the under handle using lock bolt M8.

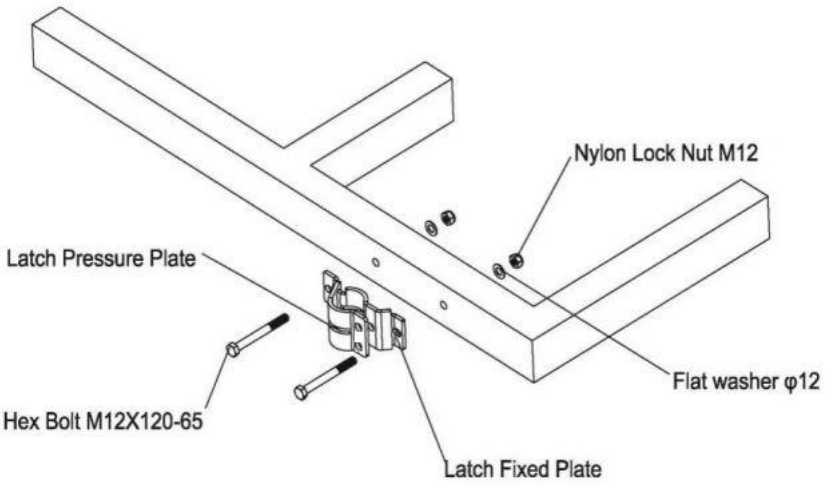


Step2: Attach the handle assembly to the main frame using lock the bolt M14.

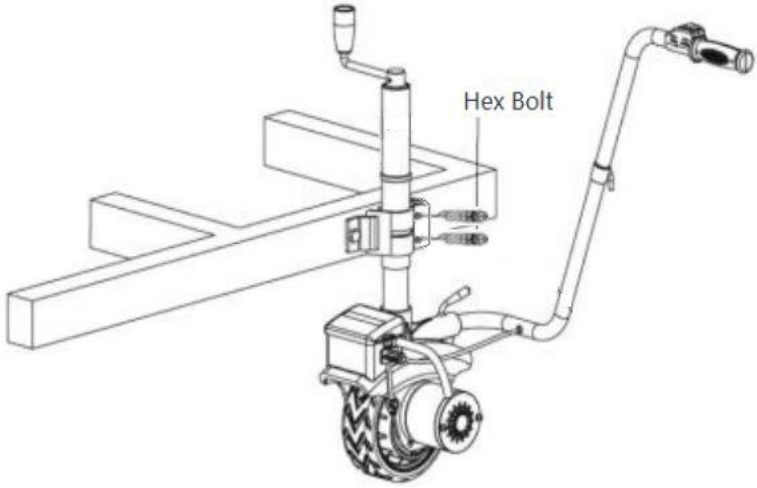


Step3: Insert the latch pressure plate into the latch fixed plate, then attach

the latch fixed plate to the towing bracket of car using hex bolt M12x120, flat washer Ø12 and nylon lock nut M12.

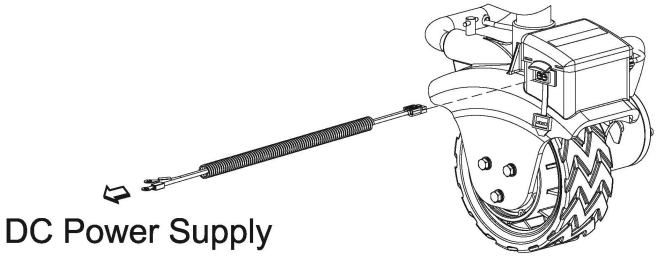


Step4: Compress the latch pressure plate using the lock pin and lock.

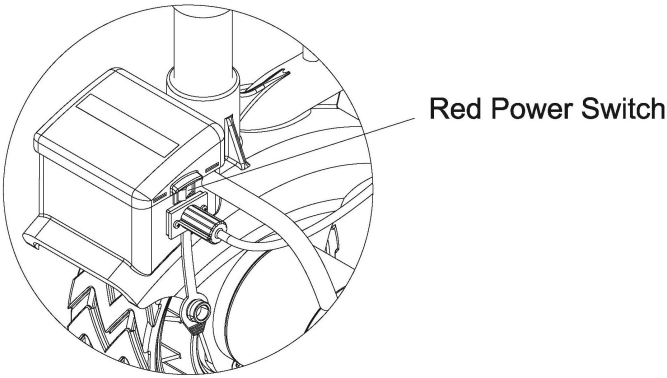


Step5: Insert one end of power cord into the socket of Trailer Mover,

connect the other end of power cord to the battery. Note that battery is negative.



Step6: Button the red power switch processing circuit, and make sure the tire route.



General tips for safe operation

1. Electric Trailer Mover is rated at 2270kg pulling weight and 272kg jockey wheel load. Overloads can damage the Mini Mover, motor, tire etc.

2. Check if the handle positioning key is totally screwed with Mini Mover before you start operation.

3. Check if battery leads are correctly connect to battery terminals.

4. Don’t use leads that are shattered, squashed or damaged.

5. Avoid rainy days when using the machine under open-air.

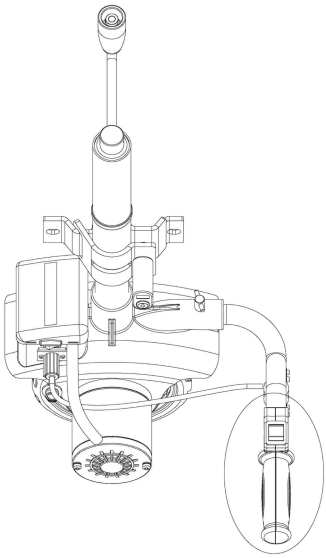
Operation guide

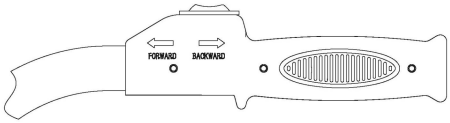
*Take time to assess your situation and plan your movement.

*Clamp your Mini Mover to vehicle chassis. Locking pin and cover is reco mmended for every single time usage.

*Fix the handle and connect handle leads to control box, and connect batt ery leads to battery terminal.

*The press button ⬆ shall means forward, ⬆ shall means backward.





TROUBLESHOOTING, MAINTENANCE AND REPAIR

All moving parts within the Trailer Jack have been lubricated using high temperature lithium grease at the factory. No internal lubrication is required. If the Mini Mover is being used in high moisture circumstances for a long time and internal lubrication is necessary, please find a professional technician for maintenance.

Trouble shooting

Problem	Cause	Solution
Motor does not turn on	● Circuit breaking ● Battery leads connection loose ● Electric contactor fault ● Motor fault ● Circuit protector activated because of overheat	Press red switch on control box Screw the leads tight with battery terminal. Open the control box,check whether plug loose,the line for open circuit. Replace the motor. ● Stop working 5 min for cooling down
Electric contactor fault motor speed low	Low voltage or too much weight on vehicle	Recharge the battery or check weight of vehicle
Electric contactor fault Slippery on tire	● Electric contactor fault ● Over load or moving on more than 5 degree incline	● Replace electric contactor ● Give up moving
Electric contactor fault noise	● Electric contactor fault ● Over load or moving on more than 5 degree incline	Decrease load weight



CORRECT DISPOSAL

This product is subject to the provision of european Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to acollection point for recycling electrical and electronic devices.

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