

SCA

TM

**2000KG
MAXIMUM VEHICLE LOAD
ELECTRIC MOTORISED
JOCKEY WHEEL**

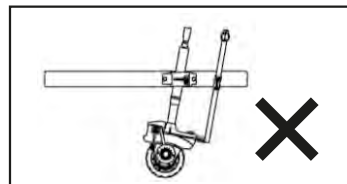
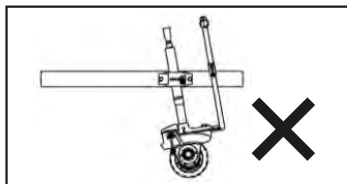
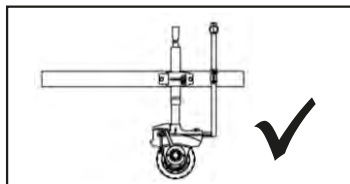
PRODUCT MANUAL



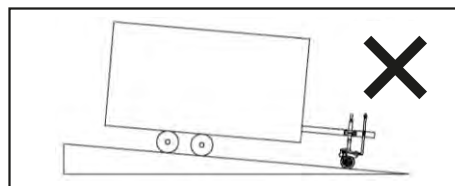
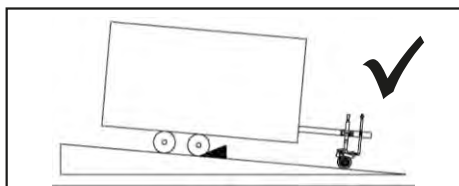
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WARNING

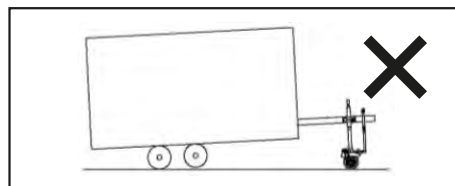
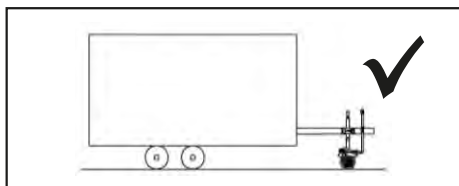
Always pay attention to the **Electric Motorised Jockey Wheel**. If the **Electric Motorised Jockey Wheel** abnormally warps / twists / bends, stop working immediately.



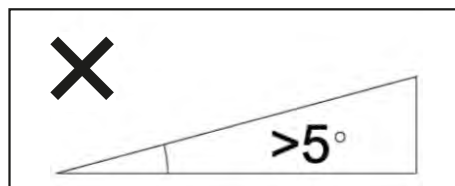
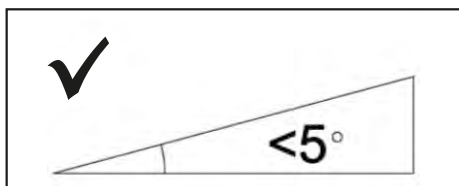
Apply blocks to the wheels of the trailer, camper, boat or caravan when on an incline.



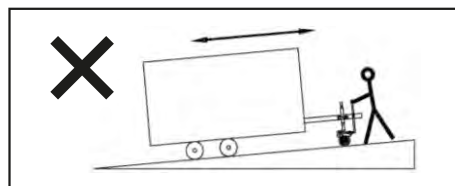
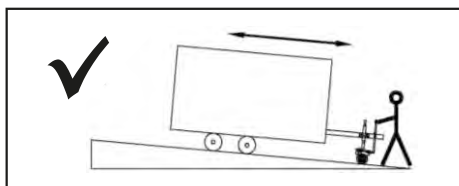
The height of the **Electric Motorised Jockey Wheel** is able to be manually adjusted for easy hitching to the tow vehicle. Only move with the jockey wheel in lowered position.



DO NOT push or pull your trailer, camper, boat or caravan on over 5° gradient.



When you push or pull vehicle on gradient, make sure the **Electric Motorised Jockey Wheel** is in the lowered position.



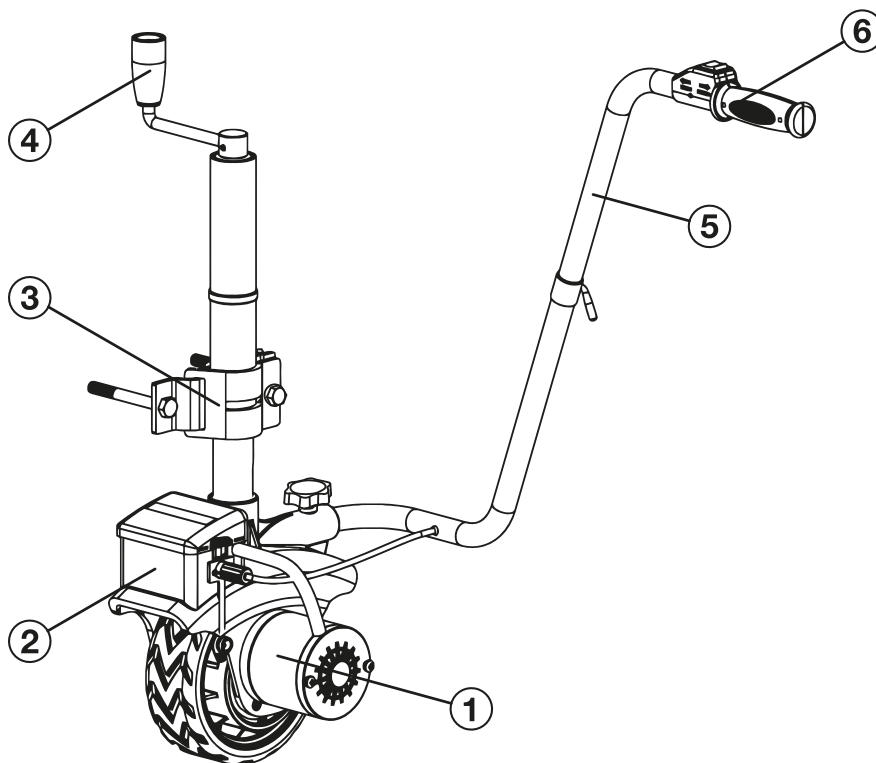
SAFETY PRECAUTIONS

1. Please read this manual carefully before use. Keep manual in a safe place for future reference.
2. Please observe the surrounding area when operating the **Electric Motorised Jockey Wheel**.
3. Please disassemble the **Electric Motorised Jockey Wheel** when not in use.
4. **DO NOT** exceed the rated capacities when using the **Electric Motorised Jockey Wheel**.
5. **DO NOT** use the **Electric Motorised Jockey Wheel** for long distance movement as motor will overheat.
6. **DO NOT** submerge **Electric Motorised Jockey Wheel** in water.
7. Always disconnect the **Electric Motorised Jockey Wheel** power cable when not in use.
8. Stop operating the **Electric Motorised Jockey Wheel** if the unit **CANNOT** find traction on slippery surface.

PARTS DIAGRAM

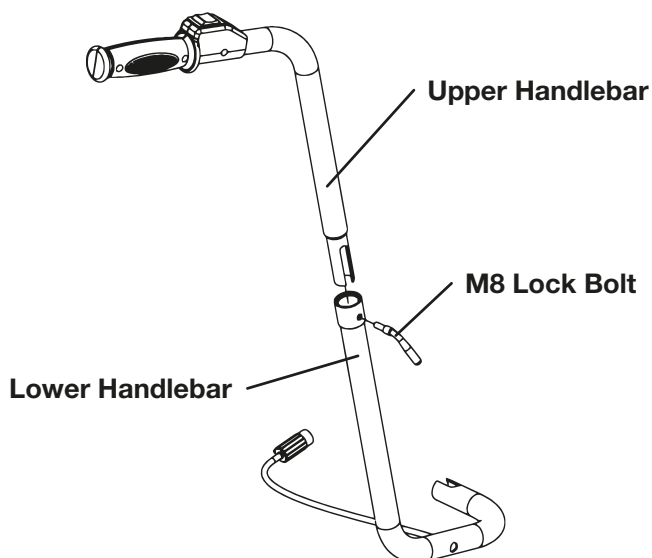
The below image shows the parts that are included in the **Electric Motorised Jockey Wheel**

- | | |
|------------------------|-----------------------------|
| 1. Motor & Gear System | 4. Jockey Wheel Lift Handle |
| 2. Control Box | 5. Handlebar |
| 3. Mounting Bracket | 6. Control Handle |

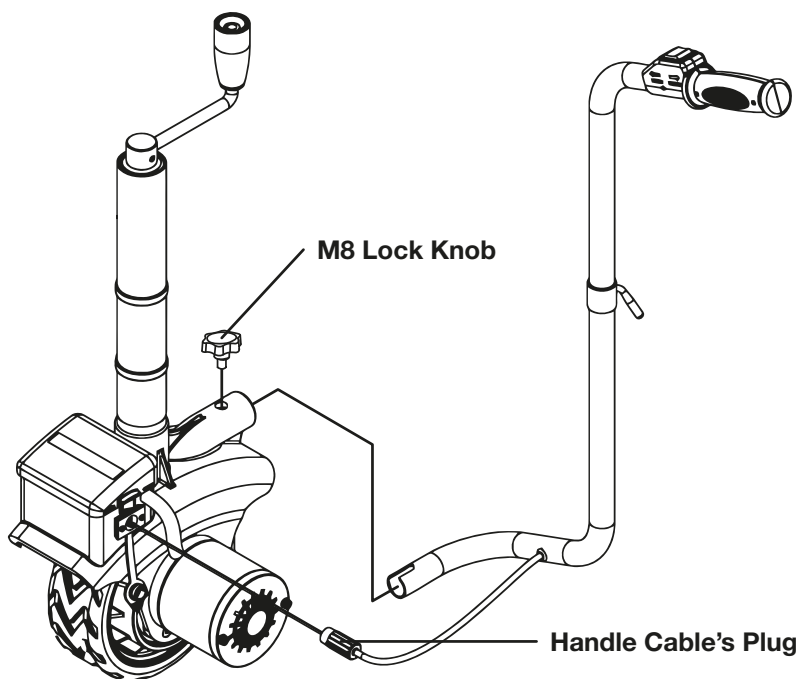


INSTALLATION OF THE ELECTRIC MOTORISED JOCKEY WHEEL

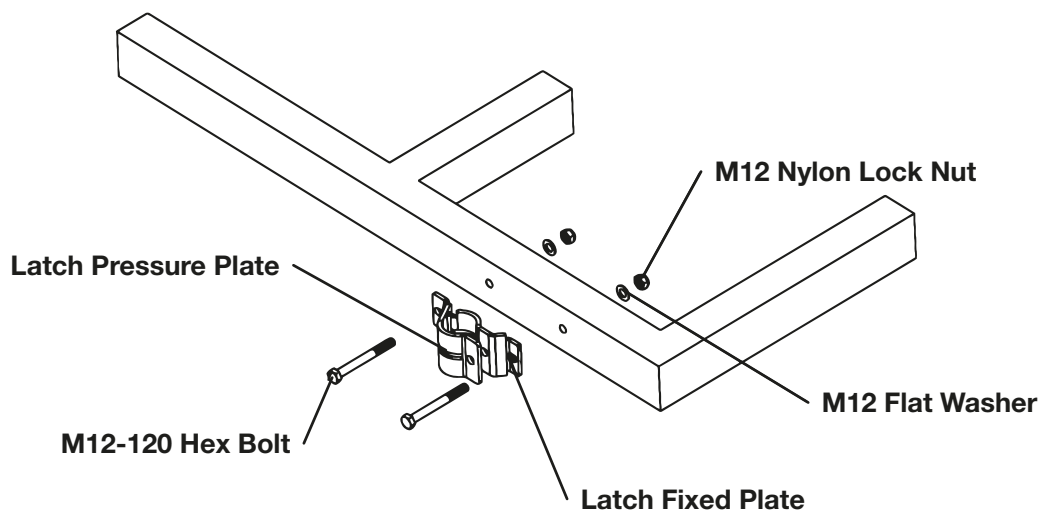
Step 1: Connect the **Upper Handlebar** and the **Lower Handlebar** using the **M8 Lock Bolt**.



Step 2: Attach the **Assembled Handlebar** to the **main body** using the **M8 Lock Knob**.
Connect the **Plug** of the **Handle Cable** into the **Control Box**.



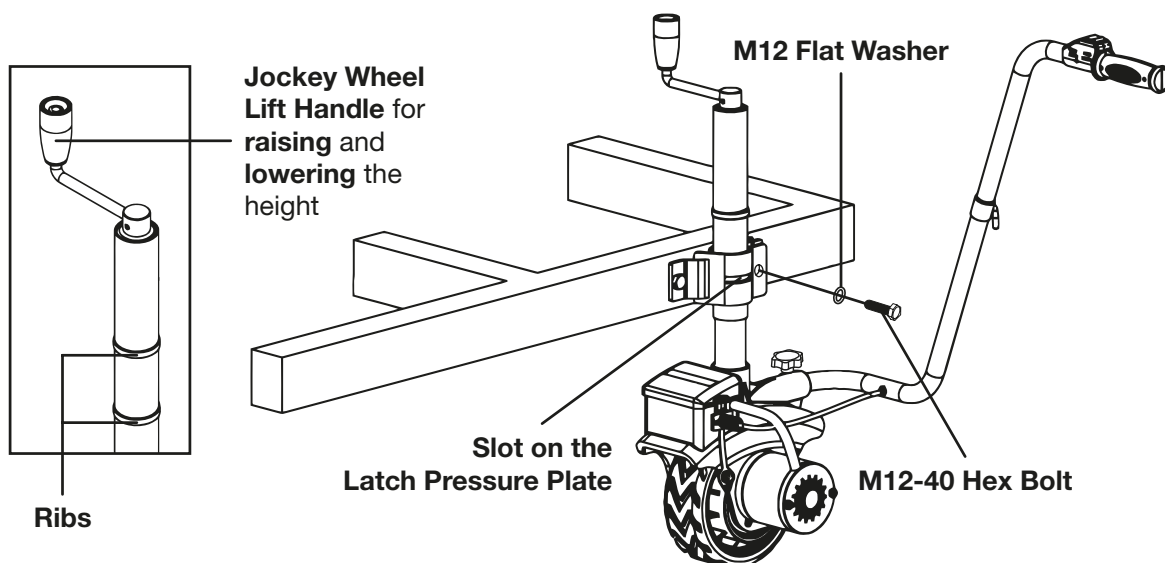
Step 3: Insert the **Latch Pressure Plate** into the **Latch Fixed Plate**, then attach the **Latch Fixed Plate** to the drawbar of vehicle by the using **2 x M12-120 Hex Bolts**, **2 x M12 Flat Washers** and **2 x M12 Nylon Lock Nuts**.



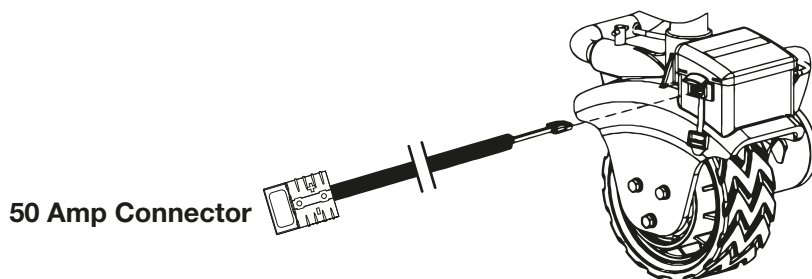
Step 4: Lock the **Latch Pressure Plate** together with the **Latch Fixed Plate** by using the **M12 Flat Washer** and **M12-40 Hex Bolt**.

Ensure that the **Rib** is locked into the **slot** on both the **Latch Fixed Plate** and the **Latch Pressure Plate** before tightening.

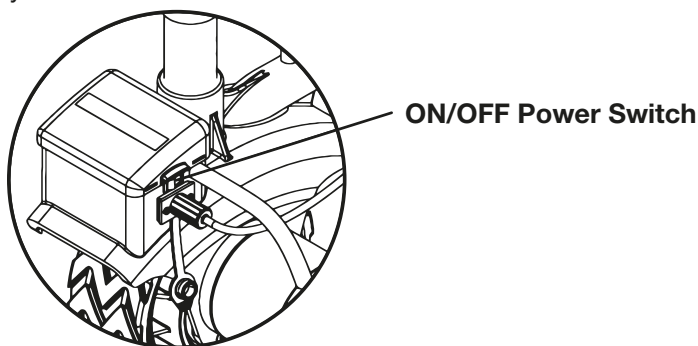
Use the **Correct Rib** for the lowest operating height is selected when in use.



Step 5: Connect the **Power Cable** into the **Power Socket** on the **Control Box**. Connect the **RED** end to the **Positive Terminal** and connect the **BLACK** end to the **Negative Terminal**. Connect the **50 Amp Connector** to the **12V DC Power Source**.



Step 6: After all the installation are completed, press the **ON/OFF Power Switch** to power **ON** or **OFF** the **Electric Motorised Jockey Wheel**. Make sure to tie up the **Power Cable** neatly.



TIPS FOR SAFE OPERATION

1. **Electric Motorised Jockey Wheel** is rated at **2,270kg Maximum Vehicle Load** and **272kg Maximum Jockey Wheel Load**. Overloads can damage the **Electric Motorised Jockey Wheel's** motor and **Solid Rubber Wheel** etc.
2. Make sure all nuts and bolts etc are securely fastened before operating the **Electric Motorised Jockey Wheel**.
3. Check if **Power Cable** is connected correctly and all connections are tight.
4. **DO NOT** use **Power Cable** that is in poor condition, squashed, torn or any other visible damage.
5. This **Electric Motorised Jockey Wheel** is equipped with a **30A Auto Reset Circuit Breaker** from overheating of the motor. Once the **Circuit Breaker** is activated, stop working for 5 minutes, let motor cool down before resume to use the **Electric Motorised Jockey Wheel**.
6. Avoid the use of the **Electric Motorised Jockey Wheel** in wet conditions (rain).

OPERATION GUIDE

- * Take time to assess your situation and plan your movement.
- * Mount the **Electric Motorised Jockey Wheel** to the drawbar of the vehicle.
Locking pin and cover (not included) are recommended.
- * Assemble the **Handlebar**, connect the **Power Cable** into the **Power Socket** on the **Control Box** and connect the **50 Amp Connector** of the **Power Cable** to the **12V DC Power Source**.
- * Press the **Button** on the **Control Handle** to move the **Electric Motorised Jockey Wheel** in the desired direction you wish to move the **Electric Motorised Jockey Wheel**.



MAINTENANCE

All moving parts within the **Electric Motorised Jockey Wheel** have been lubricated using high temperature lithium grease. No internal lubrication is required.

If the **Electric Motorised Jockey Wheel** is being used in high moisture conditions for long periods of time, internal lubrication will be necessary, please find a professional technician for maintenance.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Motor does not turn on	• Circuit breaking • Power Cable's connection loose • Motor failure • Circuit breaker activated from overheating of the motor	• Press the ON/OFF power switch on the control box • Check all connections are tight • Replace motor • Stop working for 5 minutes, let motor cool down
Slow motor speed	• Low voltage on motor or too much weight on jockey wheel	• Recharge battery • Check weight on jockey wheel
Loud noise emitted from motor	• Jockey wheel is overloaded • Jockey wheel is being used on a greater than 5°	• Decrease weight on jockey wheel • Cease using jockey wheel if incline is greater than 5°

SPECIFICATIONS:

INPUT VOLTAGE:	12V DC
PEAK WORKING CURRENT:	30 Amp
NORMAL WORKING CURRENT:	15-27 Amp
RECOMMENDED BATTERY SIZE:	24Ah
MAXIMUM VEHICLE LOAD:	2,000kg (4,400lb)
MAXIMUM JOCKEY WHEEL LOAD:	272kg
MINIMUM HEIGHT:	680mm
MAXIMUM HEIGHT:	970mm
EXTENSION:	290mm
GEAR RATIO:	326:1
OPERATION:	Forward & Reverse
BRAKING ACTION:	Automatic
MAXIMUM SPEED:	6-7 Metres Per Minute
MAXIMUM INCLINE:	5 Degrees
CABLE LENGTH:	1.6 Metres
SOLID RUBBER WHEEL:	Ø192 x W69mm
ELECTRICAL PROTECTION:	30A Auto Reset Circuit Breaker
OVERALL DIMENSIONS:	L68 x W40 x H80cm
NET WEIGHT:	13.50kg



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