

DRAPER

EN

Original Instructions
Version 3 – August 2024

STEEL MESH **CART**

85634



1. Intended Use

This product is designed to transport and move loads of up to 450kg and is particularly suited to garden materials. Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use

2. Specification

| | |
|--------------------|-----------------------------|
| Stock No. | 85634 |
| Part No. | GMC/450 |
| Max. load | 450kg |
| Cage capacity | 200L |
| Max. tyre pressure | 2.1bar (30psi) |
| Dimensions | |
| Cage | L 1,220 x W 610 x H 274mm |
| Full | L 1,370 x W 630 x H 1,050mm |
| Net weight | 26.6kg |

3. Health and Safety Information

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user or product.

- Observe all standard Health and Safety precautions when using this cart in an outdoor environment.
- Before every use, inspect the cart for broken, cracked, loose or corroded parts.

Important: DO NOT use this product if it is damaged in any way. Contact Draper Tools to discuss repair and replacement options.

- Wear protective footwear when using this product under heavy loads.
- **DO NOT** sit, stand or ride on this cart at any time.
- **DO NOT allow children to play with the cart.**
- **DO NOT** exceed the maximum load specified.
- Ensure that the tyres are suitably inflated before use.
 - **DO NOT** exceed a tyre pressure of 2.1bar (30psi).

- Distribute the load evenly within the cage.
- Ensure that the load is safely contained within the cage and unlikely to fall.
 - **DO NOT** load items onto the top edges of the cage.
- Inspect the intended route and clear any obstructions before moving the cart under load.
- Take care when moving the cart under load.
 - **ALWAYS** ensure that all parts are secured before moving the cart.
 - **DO NOT** use the cart on uneven surfaces that may cause it to tip over.
- The wheels of this product **DO NOT** lock.
 - Ensure that the cart will not roll once positioned for use.
- Take particular care when using the cart on sloped surfaces.
- Ensure that the handle is in an upright position when not in use to avoid a trip hazard.
- **ONLY** use spare parts supplied by Draper Tools.

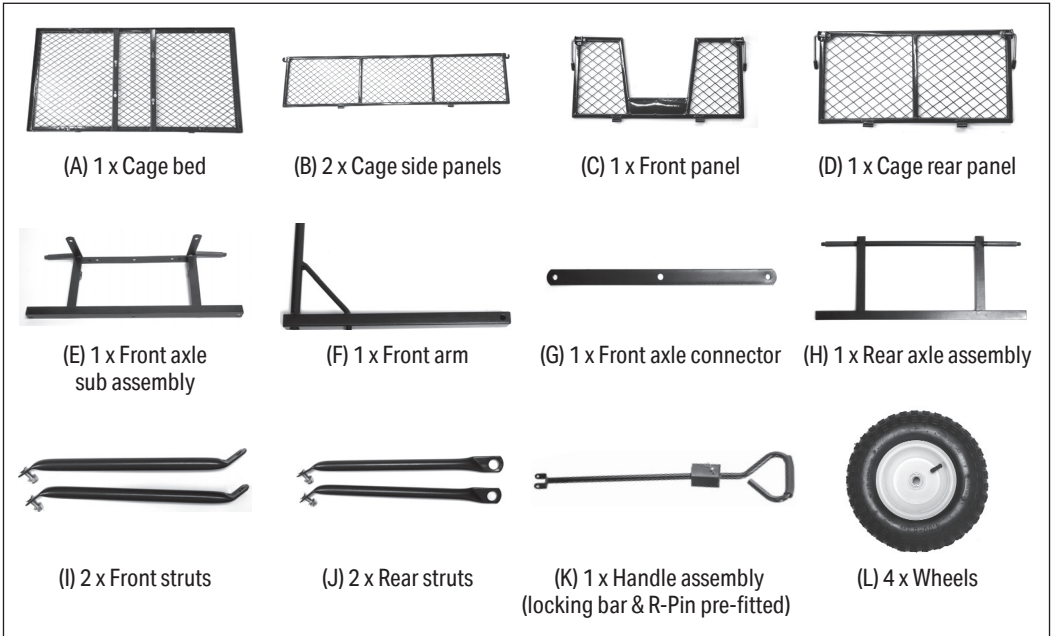
4. Identification and Unpacking

4.1 What's in the Box?

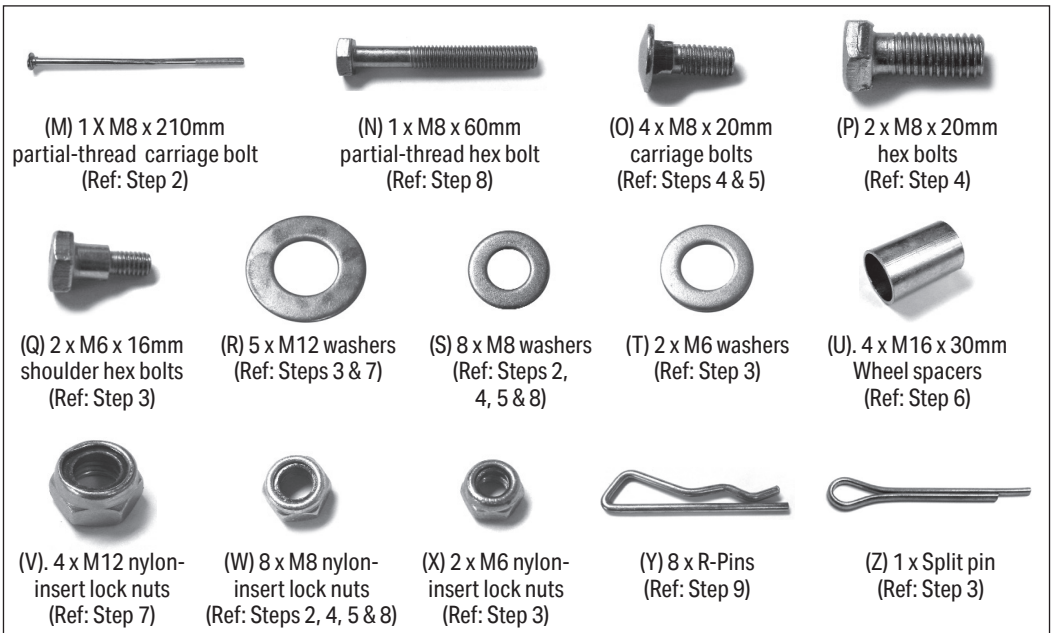
Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.

Before assembling the product, lay the contents out and check them against the parts and fixings shown. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the end of this manual.

Parts List



Fixings (Refer to the numbered steps on the card during assembling)



Please visit drapertools.com for our full range of accessories and consumables.

4.2 Required Tools

The following tools (or suitable alternatives) are required for assembly (not supplied):

- 1 x 13mm & 10mm spanner
- 1 x 19mm spanner
- 1 x Long-nosed pliers

4.3 Packaging

Keep the product packaging for the duration of the warranty period in case the product needs to be returned for repair.



WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

5. Assembly Instructions

Important: Read and understand all the safety information listed in this manual before assembling this product. Ensure that all fixings are finger-tight **ONLY** during assembly to allow all parts to be aligned, then tighten all fixings securely once assembly is complete. **DO NOT** overtighten fixings.

Important: For ease and safety, Draper Tools recommends that this product is assembled by two people.

Important: Please read the instructions carefully to ensure you select the correct fixings for each stage of assembling.

5.1 Build the front axle assembly

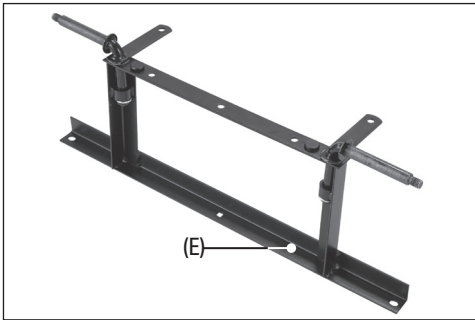


Fig. 1

1. Stand the front axle sub-assembly (E) on its folded bracket so that the movable axles are at the top and position the axle threads so that they extend outwards parallel to the assembly crossbars. (Fig. 1).

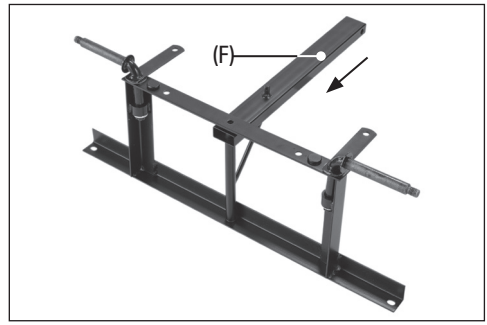


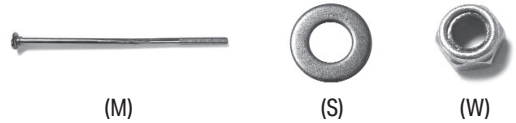
Fig. 2

2. Insert the tube of the front arm (F) between the assembly crossbars so that the arm is at the top and extends in the same direction as the axle brackets. (Fig. 2).



Fig. 3

Use Fixings from Card labelled 'Step 2'



3. Pass the M8 x 210mm partial-thread carriage bolt (M) up through the crossbars and tube. Secure in place using 1 x M8 washer (S) and 1 x M8 nylon-insert lock nut (W). (Fig. 3).

Important: Ensure that the front arm can still pivot freely once the nut is tightened and loosen it slightly if necessary.

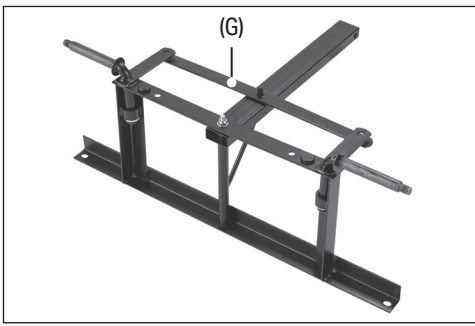


Fig. 4

- Place the centre hole of the front axle connector (G) over the front arm pin and align the outer holes with the axle brackets. (Fig. 4).

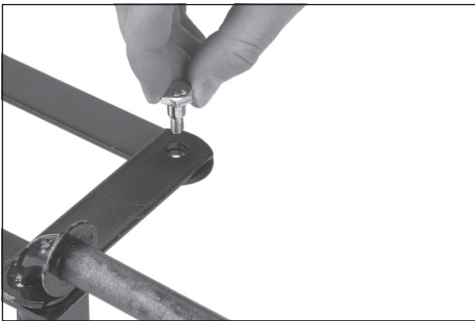
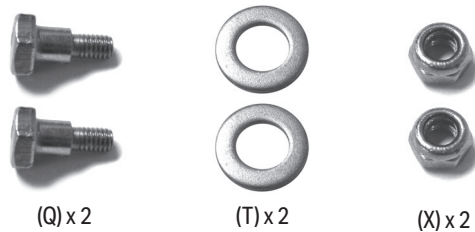


Fig. 5

Use Fixings from Card labelled 'Step 3'



- Pass two M6 x 16mm shoulder bolts (Q) up through the axle brackets and connector. Secure in place with M6 washers (T) and M6 nylon-insert lock nuts (X). (Fig. 5).

Important: Ensure that the assembly can pivot freely once the nuts are tightened and loosen them slightly if necessary.

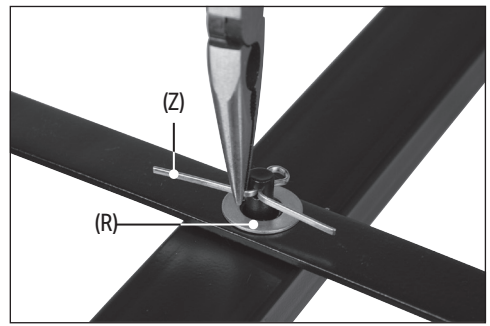


Fig. 6

Use Fixings from Card labelled 'Step 3'



- Place 1 x M12 washer (R) over the front arm pin and secure it in place using the split pin (Z). (Fig. 6).

5.2 Attach the front axle assembly to the cage bed

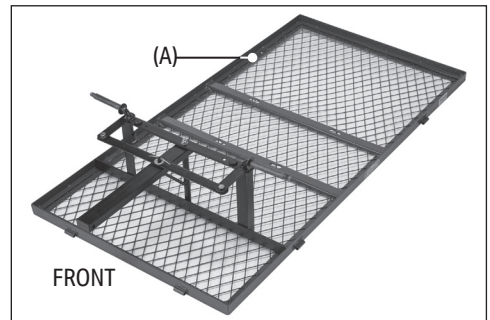


Fig. 7

- Place the cage bed (A) upside-down so that the two crossbars are facing upwards. (Fig. 7).
Important: The crossbar with the two keyholes positioned closer together is the front of the cart.
- Align the front axle assembly with the holes in the cage bed side rails towards the front end of the cart.
Important: The front arm should extend beyond the front end of the cage bed.

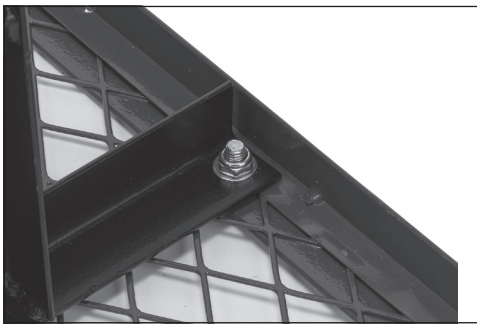
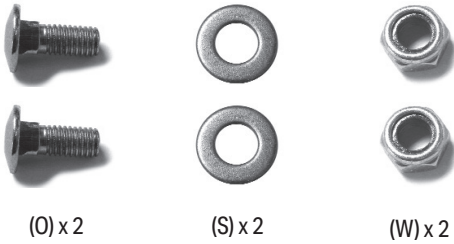


Fig. 8

Use Fixings from Card labelled 'Step 4'



(O) x 2

(S) x 2

(W) x 2

3. Pass 2 x M8 x 20mm carriage bolts (O) up through the cage bed and axle assembly and secure them in place using 2 x M8 washers (S) and 2 x M8 nylon-insert lock nuts (W). (Fig. 8).

5.3 Attach the front struts to the cage bed and front axle assembly

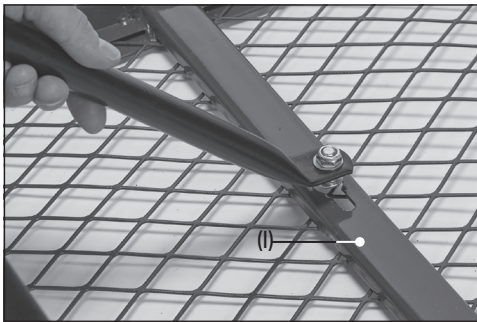


Fig. 9

1. Insert the head of the bolt attached to a front strut (l) through one of the keyholes towards the front end of the cage bed. (Fig. 9).

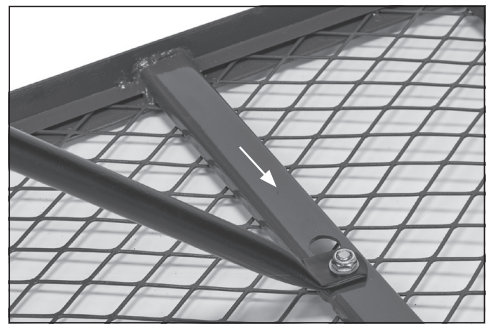


Fig. 10

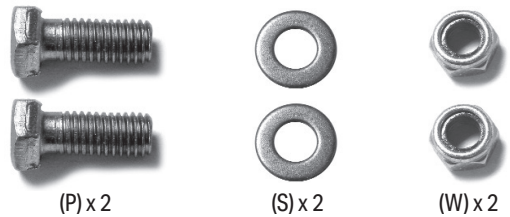
2. Slide the bolt sideways so that the square neck of the bolt locks into the slot. (Fig. 10).

Important: Leave the nut loose at this time.



Fig. 11

Use Fixings from Card labelled 'Step 4'



(P) x 2

(S) x 2

(W) x 2

3. Align the other end of the strut with the front axle assembly and pass 1 X M8 x 20mm hex bolt (P) up through the holes. Secure it in place with 1 X M8 washer (S) and 1X M8 nylon-insert lock nut (W). (Fig. 11).
4. Tighten the nut in the keyhole slot, ensuring that the neck of the bolt remains locked in the keyhole slot.
5. Repeat this process for the second front strut.

5.4 Attach the rear axle assembly to the cage bed

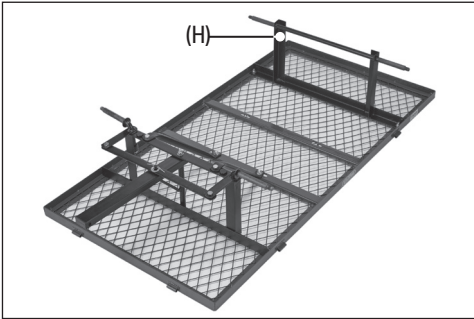
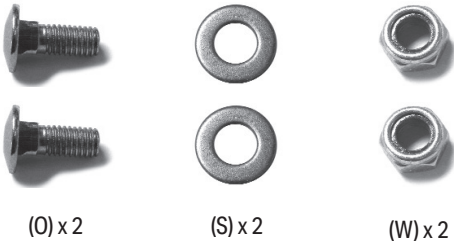


Fig. 12

Use Fixings from Card labelled 'Step 5'



1. Align the rear axle assembly (H) with the holes in the cage bed side rails towards the back of the cart. (Fig. 12). **Important:** The open sides of the rear axle assembly brackets should face inwards.
2. Pass 2 x M8 x 20mm carriage bolts (O) up through the cage bed and axle assembly. Secure them in place using M8 washers (S) and M8 nylon-insert lock nuts (W).

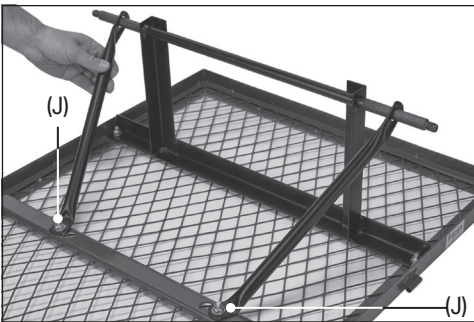


Fig. 13

3. Slide a rear strut (J) onto each axle of the rear assembly. (Fig. 13). **Important:** The struts should bend inwards towards the keyhole on the cage bed. Ensure that the correct strut is placed on the correct angle.

4. Insert the head of the bolts attached to each strut through one of the keyholes towards the back end of the cage bed and slide the bolts sideways so that the square neck of the bolt locks into the slot.
5. Tighten and adjust all rear axle assembly bolts as required.

5.5 Attach the wheels



Fig. 14

Use Fixings from Card labelled 'Step 6'

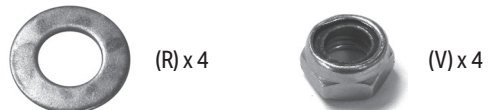


1. Place an M16 x 30mm spacer (U) and a wheel (L) onto each axle, ensuring that the axle sockets extend inwards.



Fig. 15

Use Fixings from Card labelled 'Step 7'



2. Secure each wheel in place using an M12 washer (R) and an M12 nylon-insert lock nut (V).
3. Flip the cart over so it sits on its wheels.

5.6 Attach the cage panels

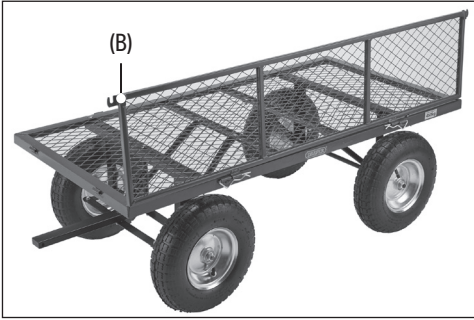


Fig. 16

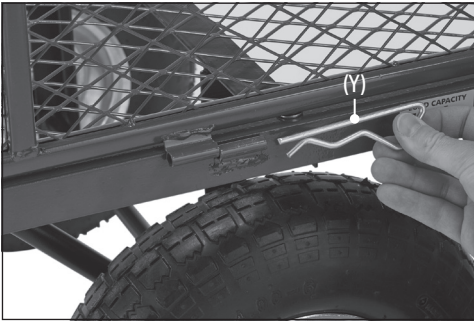


Fig. 17

Use Fixings from Card labelled 'Step 9'



(Y) x 8

1. Rest the lower edge of the cage side panels (B) on the lips along the sides of the cage bed so that the loops align. (Fig. 16).

Important: All loops should be positioned on the outside of the cage.

2. Pass an R-pin (Y) through each of the four pairs of loops to fix the panels to the cage bed. (Fig. 17).

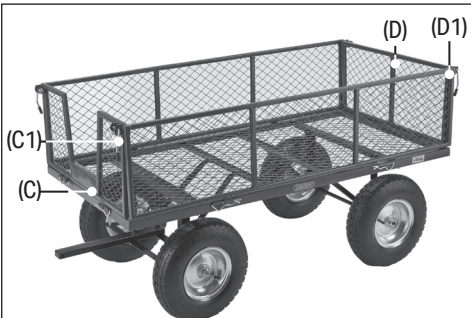


Fig. 18

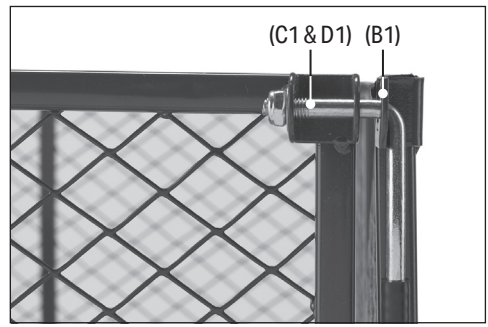


Fig. 19

3. Attach the cage front (C) and rear (D) panels in the same way, locking the handles (C1 and D1) on the end panel into the hooks (B1) on the side panels to hold the structure in place. (Figs. 18 and 19).

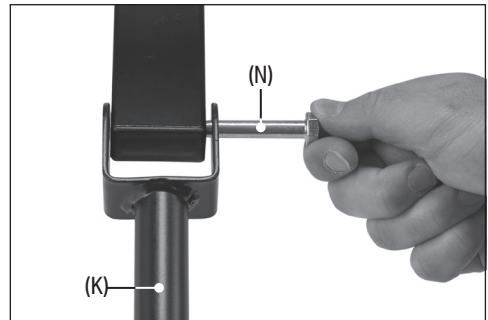


Fig. 20

Use Fixings from Card labelled 'Step 8'



4. Insert the end of the front arm between the brackets of the handle assembly (K) and attach using the M8 x 62mm partial-thread hex bolt (N), an M8 washer (S) and an M8 nylon-insert lock nut (W). (Fig. 20).
5. Tighten all fixings and parts securely.

6. Operation Instructions

Important: Before using the cart, read and understand all the safety instructions listed in this manual. Ensure that the cart is fully assembled and that all fixings are tightened before use.

6.1 Opening the Cage Panels

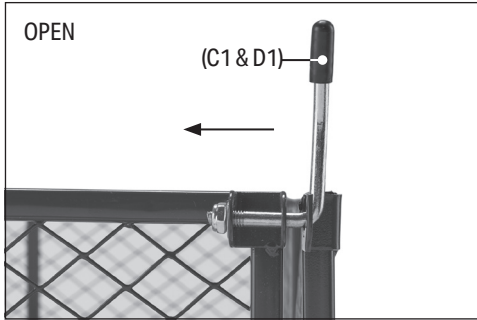


Fig. 21

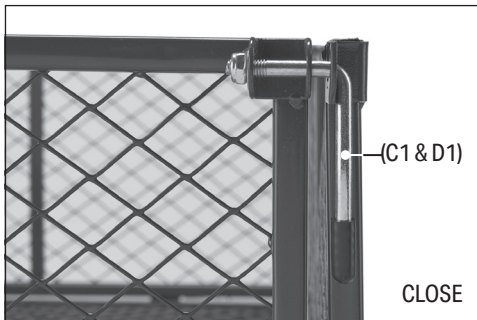


Fig. 22

Larger or heavier loads may require cage panels to be opened to make loading easier.

To open a cage panel (Fig. 21):

- Locate the two end panel handles (C1 or D1) that hold the required panel in place.
- Lift the handles into an upright position and push them inwards to separate the linked panels, then lower the appropriate panel as required.

To close a cage panel (Fig. 22)

- To close a cage panel, lift it back into its upright position and pull the appropriate handles through the side panel hooks (B1) to hold the structure in place.

6.2 The Cart Handle

The trolley handle can be used to anchor the product by lowering it to the ground.

Important: Take care to avoid creating a trip hazard when the handle is lowered.

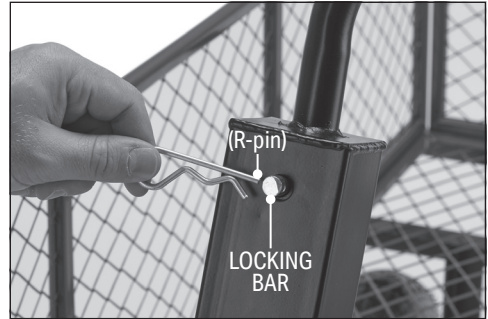


Fig. 23

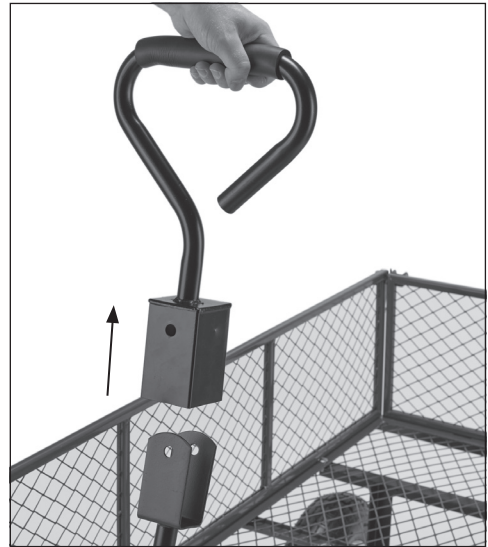


Fig. 24

- The handle can also be used as a towing attachment by removing the pre-fitted R-pin and locking bar from the handle assembly (Fig. 23).
- Then lift the handle head away from the shaft (Fig. 24).
- Use the locking bar and R-pin to attach the handle shaft to the towing machine.

7. Maintenance and Storage

Important: Read and understand all the safety information listed in this manual before performing any maintenance on this product.

- Keep all moving parts well lubricated to avoid binding.
- Keep the tyres suitably inflated to prevent damage to the wheels, axles and frame of the cart.
 - **DO NOT** inflate the tyres beyond 2.1bar (30psi).
- Keep all fixings and attachments securely tightened to prevent damage during use.
- Draper Tools recommends cleaning and drying the product before storing it for extended periods in order to prevent corrosion of the product frame.
- Store the product in a dry environment, out of direct sunlight and out of reach of children.

8. Spares, Returns and Disposal

For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

9. Warranty

Warranty period is 12 months from date of purchase. Visit drapertools.com/warranty for more information.

10. Explanation of Symbols



Read the instruction manual



Warning!



Max. load

Contact Details

Draper Tools

Draper Tools Limited
Hursley Road
Chandler's Ford
Eastleigh
Hampshire
SO53 1YF
UK

Website: drapertools.com

Email: sales@drapertools.com

Product Helpline: +44 (0) 23 8049 4344

Telephone Sales Desk: +44 (0) 23 8049 4333

General Enquiries: +44 (0) 23 8026 6355

Delta International

Delta International BV
Oude Graaf 8
6002 NL
Weert
Netherlands

Please contact the Draper Tools Product Helpline for repair and servicing enquiries.