

# List of Parts

Parts List	
Base	1
Side Panels	2
Rear Panel	1
Wheel Arms	2
Drawbar	1
Drawbar Housing (30mm x 30mm x 845mm)	1
Front Brace (30mm x 30mm x 1085mm)	1
Middle Brace (25mm x 25mm x 1085mm)	1
Cable set including ring	1
Wheels	2

1 x Accessory Kit including:	Qty P/U
M6*15mm Bolt	17
M8*20mm Bolt	14
M10*20mm Bolt	10
M10*55mm Bolt	1
M14*60mm Bolt	2
M10 Lock Nut	11
M6 Lock Nut	17
M8 Lock Nut	14
M14 Lock Nut	4
M6 Washer	34
M8 Washer	14
M10 Washer	11
M14 Washer	14
Wire latch pin for drawbar & wheel arms - Silver (12 x 65mm)	3
U bolt set (bolt, 2 plates and 2 nuts)	4
Drawbar Pin - Gold (120mm x 12.7mm)	1
Cable Pin - Gold (60mm x 12.7mm)	1
Cable U bolt (50mm x 8mm)	1
Spanners 10mm	2
Spanners 13mm	2
Spanners 17mm	2
Spanners 22mm	2
Gloves	1
100mm x 120mm Plate	2
Wheel Arm Guards	2
Vertical Brace	1
D Shackles	4

# Assembly Instructions

## Step 1

Bolt the 2 sides to the OUTSIDE of the base panel using the M6\*15mm bolts supplied, ensuring the protruding guard at the front is facing to the inside. Use a washer on the head side AND nut side of the bolt on ALL M6 bolts. Finger-tighten bolts only.



## Step 2

With the handle cut outs at the top, place the rear panel on the OUTSIDE of the two side panels and base plate, and bolt in place using the M6\*15mm bolts. Important - Locate and bolt the two top holes at either end first (it may be a snug fit) then place the rest of the bolts in. Finger-tighten bolts only.



## Step 3

Identify the front brace (30mm x 30mm x 1085mm) and bolt in place using the M10\*20mm bolts supplied. Only place 1 washer on the nut side of the bolt. Finger-tighten bolts only.



## Step 4

Identify the drawbar housing (30mm x 30mm x 845mm) Attach to the front brace with the M10\*55mm bolt and to the rear panel using the M10\*20mm bolts as shown below, ensuring the tab is facing downwards. Then attach the vertical brace from the drawbar housing to the base using M8\*20mm bolts. Finger-tighten all bolts only.



## Step 5

Bolt the 100mm x 120mm plates to the INSIDE of the left and right panels using M8\*20mm bolts, ensuring the nuts are facing the inside and using a washer on the nut side only. Finger-tighten bolts only.



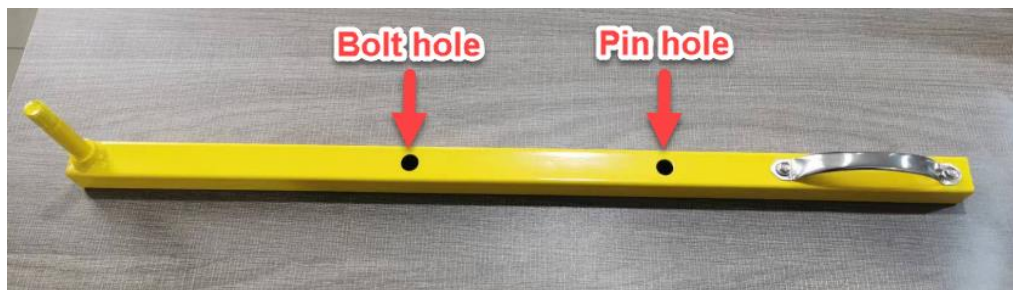
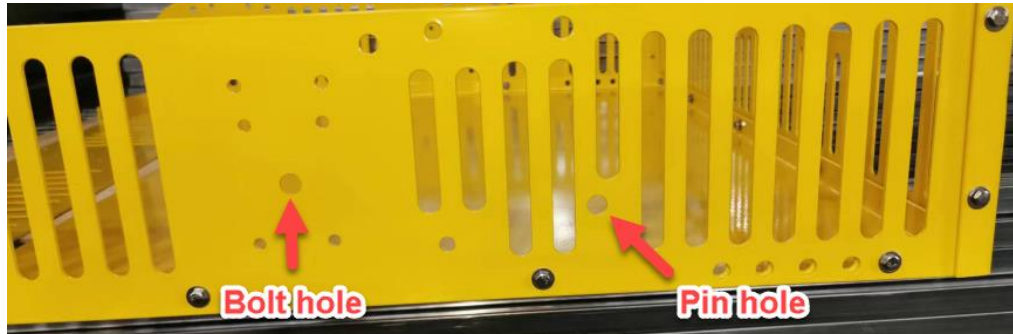
## Step 6

Bolt the middle brace (25mm x 25mm x 1085mm) into position using the M8\*20mm bolts supplied with washers on nut side only. Finger-tighten bolts only.

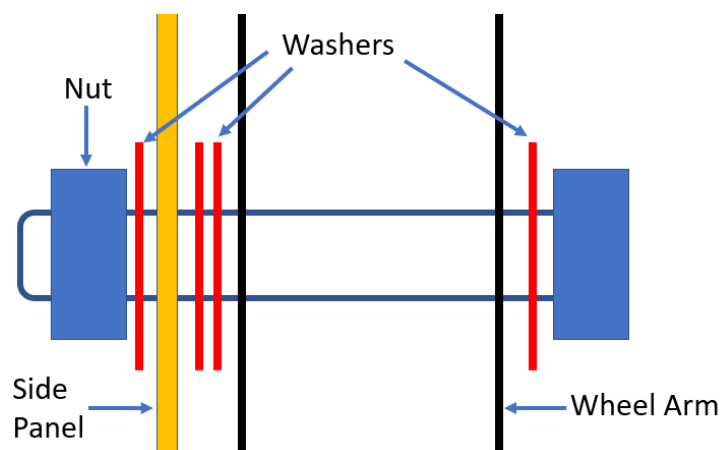


## Step 7

The wheel arm needs to be fixed to the wall while horizontal with the side panel - align the wire latch pin hole with the hole in the wall panel to hold the wheel arm horizontal, and attach through the bolt hole using the M14\*60mm bolts (noting washer placement diagram below).



Take special notice of washer placement depicted below and only tighten to be firm - if it's over-tightened, the wheels will not freely engage. Note: If the wheel arm is not attached in the 'UP'/parallel position like the picture above, it will not mount properly. Please note the slot in the wall the wire latch is designed to fit through.



## Step 8

Bolt on the wheel arm guards using the M10\*20mm bolts supplied, with washer on nut side only. Insert the drawbar, securing it with the wire latch pin and attach wheels as shown below. NOTE: Take note of the washer placement and only tighten the wheel nuts until firm. Too much pressure on the bearings can make the bearing fail. Tighten ALL other bolts firmly at this stage.



## Step 9

For general use, attach the tow cable with the D shackles as depicted below. Note: you can attach the front D shackle to either of the holes identified below – this will adjust how your unit performs over different general use terrains. It's recommended that you test which position suits your terrain and tow ball height the best.



On the tow-end of the cable, you can use the ring to hook over a tow ball or use the cable U bolt and 60mm pin to attach in a pinned fashion.



To use the tow function, simply unpin the drawbar, extend it out and re-pin in the extended position. Then using the handle on the top of the wheel arm, lift the wheel arm up (lowering the wheel) and lock into position with the wire latch pin. Note: The draw bar can be inserted either way (with the drawbar facing up or down) to match multiple tow ball/bar heights – the unit is designed to tow efficiently and retain debris when being towed level.

To empty the unit, there are 3 options of increasing ease to empty:

1. Simply lift the unit from the rear using the handle cut outs in the rear wall
2. Extend the draw bar for leverage and lift via the drawbar to tip up
3. Place the wheels in the down position and tip up via the extended drawbar – this uses the wheels as mechanical leverage and requires the least amount of effort to empty

## Additional Attachment Points

Included in this unit are 4 x U-bolts, each with 2 x face plates. If required, these can be used as cable attachments on the inside of the scooper in the various positions at the bottom rear and front of the scooper side panels. These different adjustment positions change the way the unit performs over different terrain. If the general use attachment positions at the top of the unit is not congruent with your type of terrain, you can use these U-bolts to test and adjust different positions until the unit is performing well on your type of terrain.





## Important information:

- Not suitable for use on sand arenas
- Always store empty and do not allow water to pool inside scoop
- It's best to wait until the manure and ground are dry/firm before using this scoop
- Max weight in tow mode is 60kg / 132lb
- Always check always check paddock or usage area for obstructions before use and operate at a safe speed
- Only fill to a level you are comfortable to empty