

# RAPPA



## SERIES 10 MOBILE YARD HANDBOOK



We provide these instructions to help you get the best possible use of your mobile yard. To enable and ensure safe use, all users should read this document and follow the recommendations. Used correctly, and maintained to the standards in this handbook, your mobile yard will give you many years of safe and reliable service. If you have any questions about these instructions, or you want to fit any additional equipment which involves welding, drilling, or any structural modifications, please contact Rappa directly.

## IMPORTANT SECURITY INFORMATION

If you sell this yard please pass this booklet onto the new owner.

Your Mobile Yard's unique 17 digit VIN number is engraved in two places: on the trailer plate, located on the front of the yard below the front drop in gate and on the offside front channel that the drop in gate slots into (the drawbar has to be removed to see it). Please make a note of the number below; it can be used to log your trailer on the National Caravan and Trailer Database and may be required for insurance purposes.

Type	Mobile Yard R2 (LW75) e5*2007/46*1398
VIN	
Date purchased	___/___/___
Technically permissible maximum laden mass	750 kg
Technically permissible static load on coupling	75 kg
Technically permissible maximum load on axle 1	750 kg

## SAFETY

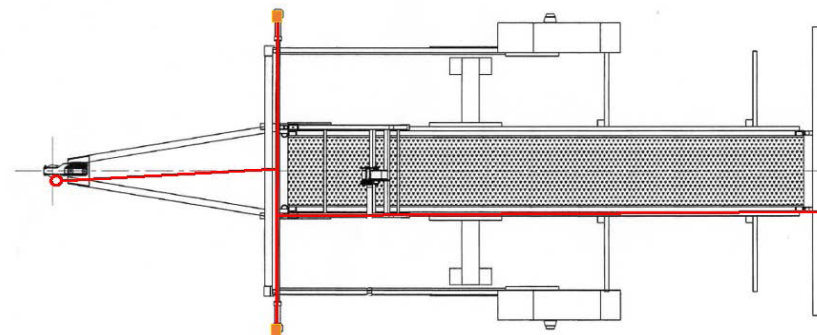
### THE FOLLOWING POINTS ARE VITAL TO ENSURE SAFE TOWING OF YOUR MOBILE YARD

- Use an approved towing bracket and coupling ball on the towing vehicle.
- Always follow any recommendations for maximum trailer weights given in the towing handbook.
- Never exceed the maximum gross weight shown on the trailer plate.
- Never exceed the recommended towing speeds.
- Check tyre pressures before every journey.
- Check wheel bolts after delivery, and subsequently monthly.
- Always make use of the breakaway chain.
- Always chock the wheels when the trailer is parked.
- Never exceed the maximum 75kg nose-weight for this trailer. It is advisable to distribute the load to achieve a nose-weight of between 50% and 75% of the maximum.

**IT IS RECOMMENDED THAT THERE ARE NO CUSTOM ADAPPTIONS MADE TO THIS TRAILER.**

## LIGHTING DIAGRAM

Electronic component locations and cables connecting them.



## TOWING SPEEDS

Your trailer is fitted with wheels and tyres that comply with UK regulations and a maximum speed limit of 60mph on motorways and unrestricted dual carriageways, and 50mph on other unrestricted roads.

## BREAKAWAY CHAIN

The breakaway chain is designed to tether the trailer to the towing vehicle should the coupling become detached.

## COUPLING INSTRUCTIONS

Whenever possible, both the trailer and towing vehicle should be on level ground.

1. Check the condition of the breakaway chain and D-shackle, and ensure the towing ball is clean.
2. Reverse your vehicle as close to the trailer coupling head as you can and attach the breakaway chain to the towing vehicle. Don't wrap the chain around the stem of the towing ball.
3. Pull the safety catch back and lift the handle on the coupling head whilst lifting the mobile yard drawbar off the ground. Place the coupling head onto the towing ball. Release the handle ensuring the safety catch is clicked in place.
4. Test the coupling is engaged by attempting to raise it off the towing ball.
5. Connect the electrics and check the lights are operating correctly

## GALVANISED FINISH

As a part of the normal ageing process galvanised surfaces form an outer layer of oxide. Exposure to road salt can change the appearance of newly galvanised surfaces. This does not affect the protective properties of the finish.

## TYRES

Tyre Size	Load Rating	Speed Rating
185 / 70 R13	86	J

### Tyre pressure range:

- Recommended pressure 248 kPa, 36psi
- Maximum pressure 300 kPa, 44psi

Tyres must be maintained at the pressure indicated in this handbook. Under inflation will adversely affect handling and fuel consumption and will lead to premature wear. If seriously under-inflated, a tyre will overheat and fail very rapidly.

When renewing tyres, always ensure that you purchase a tyre of the same size and load/speed index rating. This will be found on the side wall of the tyre. Different makes or models of tyres of the same size can have widely differing load/speed index ratings and inflation pressures. Use of a tyre with a lower rating can be dangerous. If in doubt, ask a tyre distributor.

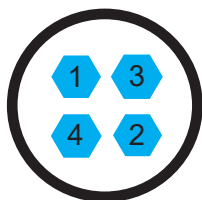
**DO NOT REPLACE WITH LOWER RATED TYRES.**

## TYRE REPAIRS

Punctures should be inspected and repaired by a specialist tyre distributor. DO NOT fit tubes to tubeless tyres as this can lead to a blow out in the event of a further puncture. If the tyre is too severely damaged for the repair to be carried out the tyre should be replaced.

## FITTING WHEELS

- Ensure wheel bolt threads and wheel seating surfaces are clean and dry - DO NOT LUBRICATE BOLTS.
- Place wheel over locating rim on the hub.



- Tighten each nut slightly and then tighten to the torque figure given below, following the sequence shown in the diagram.

Nut Size: 4 x M12  
Torque: 65 lb ft, 88Nm, 9kgm  
Socket Size: 19mm A/F

**Wheel nuts should be checked after the first 25 miles of service and subsequently before every journey.**

## TORQUE SETTINGS

Wheel Nut	88Nm
Hub	88Nm
Hitch Nut	88Nm
Winch Fixing	50Nm

## SERVICE & MAINTENANCE

It is recommended that you have your trailer serviced and/or repaired by Rappa Fencing Ltd. Maintenance is the responsibility of the owner/operator and should be carried out according to the schedules below.

Frequency	Part	Check for	Action
Before every journey	Wheel nuts	Correct torque	88Nm (65 lbf.ft) for 4-stud wheels
Before every journey	Lights	Check function	Rectify if necessary
Before every journey	Tyres	Correct pressure	Inflate to recommended (cold) pressure (see recommended tyre pressure)
Before every journey	Tyres	Cuts or damage - especially outer sidewalls	Consult tyre distributor if any damage found
Before every journey	Tow ball	Adequate grease	Grease as necessary
Before every journey	Breakaway chain and shackle	Check for damage / wear	Consult distributor or manufacturer
After the first 500 miles or 1 month (in addition to the above)	Wheel nuts	Check when nuts are specified torque	Retorque wheel nuts if required (88Nm)
After the first 500 miles or 1 month (In addition to the above)	Wheel hub	Check wheel hub for side play	Consult distributor or manufacturer if there is play
After every 6000 miles or 6 months (in addition to the above)	Suspension springs	Check wear on suspension springs	Consult distributor or manufacturer if there is excessive wear

## TRAILER RUNNING GEAR MAINTENANCE

These procedures must be carried out by a competent person. If you have any doubts about your ability to complete any of the procedures, we recommend these tasks are performed by your local distributor or manufacturer.

### 13 PIN SOCKET ASSEMBLY

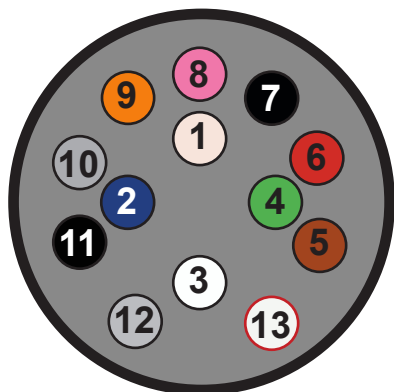


Diagram shows 13 pin wiring as fitted to **rear** of socket using corresponding numbers and colours shown

Contact No.	Function	Colour
1.	L/H Direction indicator light	Yellow
2.	Rear fog light	Blue
3.	Return for contacts 1 to 2 and 4 to 8	White
4.	R/H Direction indicator	Green
5.	R/H Rear position lights	Brown
6.	Stop lights	Red
7.	L/H Rear position lights	Black
8.	Reversing light	Pink
9.	Permanent power supply + 12v	Orange
10.	Switched power supply	Grey
11.	Return for contact 10	White / Black
12.	No allocation	No allocation
13.	Return for contact 9	White / Red

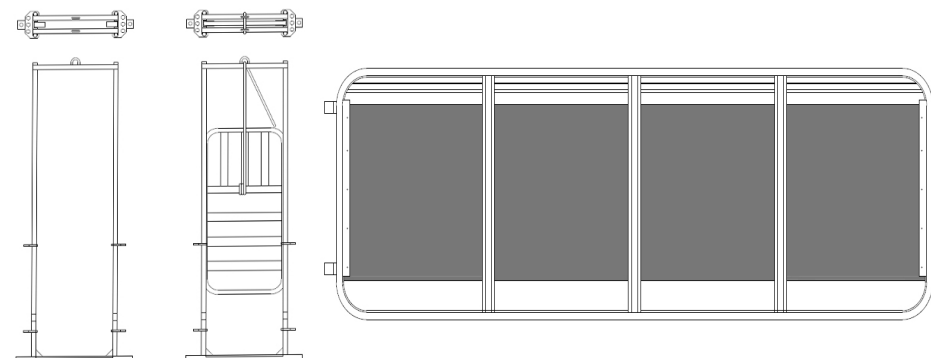
## SET UP

To watch a short video on how to set up your mobile yard, scan the QR code or click on the Advice Centre on the Rappa website - **rappa.co.uk** - where you can also find product information and advice.



It's important to attach all clips and tethers, as shown on pages 10-11, when moving your mobile yard.

### COMPONENTS



All mobile yard components are listed on the Rappa website, scan the QR or visit **rappa.co.uk**

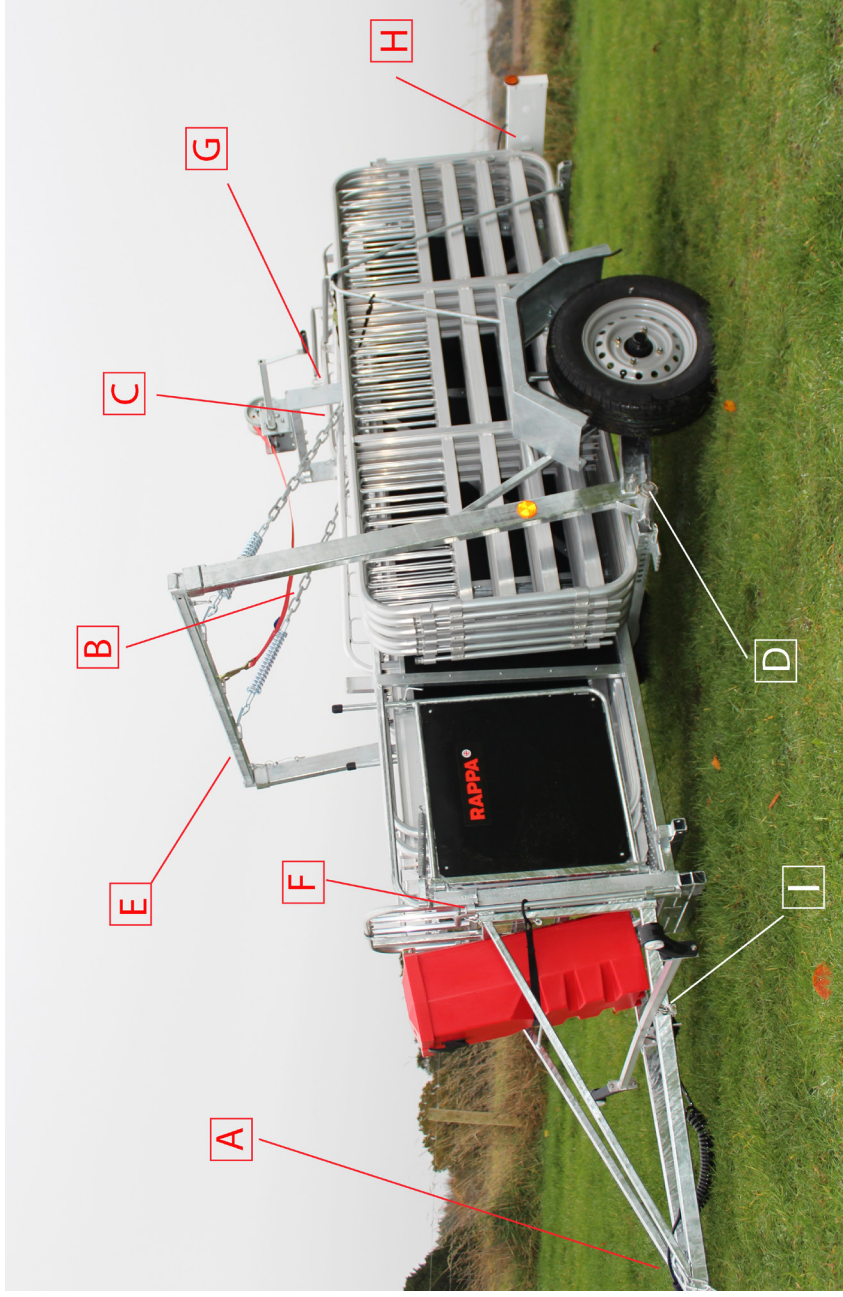
Please contact Rappa Fencing Ltd directly for assistance with maintaining your mobile yard and replacement parts. Call 01264 810665.





# CLIPS AND TETHERS

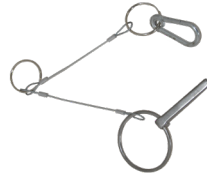
10



**A.** Connect the breakaway chain to the vehicle. 8mm shackle. **Essential for safety.**

**B.** Attach the suspension spring to chain. One clip for each spring.

**C.** Attach the chain to the winch bridge. One clip for each chain.



**D.** Lock the wheel arm to the axle. One clip for each wheel. **Essential to safety.**



**E.** Connects cross bar to wheel arm upright. One clip for each side.

**F.** Secure draw bar to front yard using the draw pins. One clip for each pin.



**H.** Fit lightboard to rear of yard. One clip for each side. **Essential for safety.**



**I.** Fit front light board to yard. One each side. **Essential to safety.**



**G.** Fixes winch bridge in place. One clip for each side.

11

rappa.co.uk - make the job easier



@rappaltd



@rappaltd



facebook.com/rappaltd

Rappa Fencing Ltd

Steepleton Hill | Stockbridge | Hampshire | SO20 6JE  
01264 810665 | sales@rappa.co.uk | rappa.co.uk