

# RAPPA



## FENCING TRAILER HANDBOOK



We provide these instructions to help you get the best possible use of your trailer. 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 trailer 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 to the trailer which involves welding, drilling, or any structural modifications, please contact Rappa directly.

## IMPORTANT SECURITY INFORMATION

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

Your trailer's unique 17 digit VIN number is engraved in two places: on the trailer-plate located on the front offside chassis rail, located under the trailer body, and on the hitch-plate. 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	Fencing Trailer R1 (FT75) e5*2007/46*1431
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

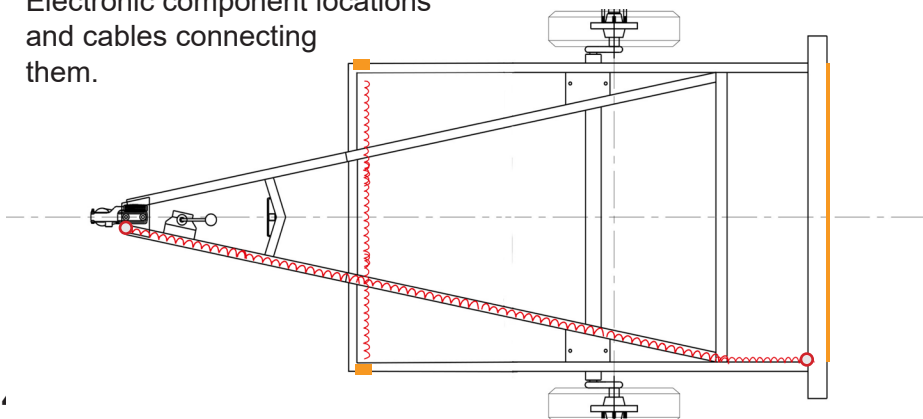
### THE FOLLOWING POINTS ARE VITAL TO ENSURE SAFE TOWING OF YOUR TRAILER

- 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.
- When unhitching a loaded trailer, ensure the jockey wheel is securely clamped and the wheels are properly chocked.

**IT IS RECOMMENDED THAT THERE ARE NO CUSTOM ADAPTIONS 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. Lower the jockey wheel to raise the coupling higher than the towing ball.
3. Reverse your vehicle up to the trailer so the coupling head is directly over the towing ball.
4. Attach the breakaway chain to the towing vehicle. Don't wrap the chain around the stem of the towing ball.
5. Pull the safety catch back and lift the handle on the coupling head to lower it onto the towing ball. Release the handle, ensuring the safety catch is clicked in place.
6. Test the coupling is engaged by attempting to raise it with the jockey wheel.
7. Retract the jockey wheel, taking care that the wheel is fully wound. Release the clamp and lift the stem as high as it will go, then retighten the clamp.
8. 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

Type 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 indicted 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.

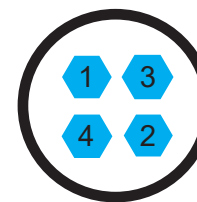
**DO NOT REPLACE WITH LOWER RATED TYRES.**

## 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  
Drive Sprocket 50Nm  
Hitch 88Nm  
Axle Fixing 88Nm  
Jockey Wheel 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

## 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

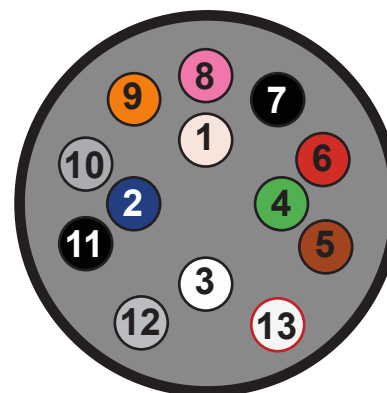
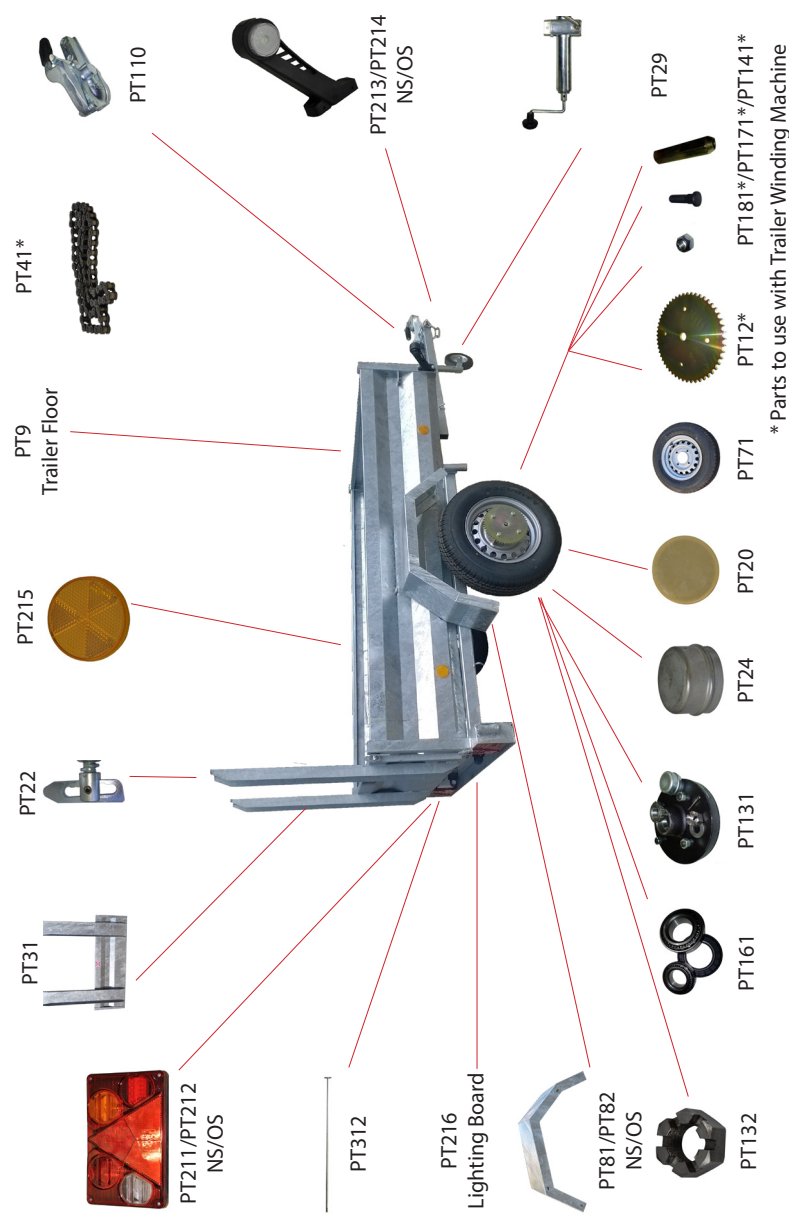


Diagram shows 13 pin wiring as fitted to **rear** of socket using corresponding numbers and colours shown

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

SPARE PARTS



PT110	Hitch Bradley DL
PT12	Wheel Spocket 52 Tooth
PT131	Hub 4 Stud 12mm on 5.5 with bearing
PT132	Castellated Nut for Hub
PT141	Wheel Stud 12mm
PT161	Wheel Bearings Set 1 - 1/2 "
PT171	Extension Wheel Nut 85mm
PT181	Wheel Nuts 12mm
PT211	Rear Light Cluster NS LED - TA
PT212	Rear Light Cluster OS LED - TA
PT213	Front Light & Reflector Stalk NS LED - TA
PT214	Front Light & Reflector Stalk OS LED - TA
PT215	Orange Side Reflector 60mm - TA

PT216	Rear Lighting Board
PT20	Sprocket Cover
PT22	Anti Luce Pin
PT24	Hub Cap
PT29	Jockey Wheel
PT31	Tail Gate with Ramps
PT312	Trailer Hinge Pin
PT41	Drive Chain 1/2" x 5/16"
PT71	Wheel (4 Stud) and Tyre (185/60 x 13)
PT81	Mudguard Nearside
PT82	Mudguard Offside
PT9	Trailer Floor



Please contact Rappa Fencing Ltd directly for assistance with maintaining your trailer and replacement parts. Scan the QR code, visit [rappa.co.uk](http://rappa.co.uk) or call us on 01264 810665.

# rappa.co.uk - make the job easier



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