

# BULLDOG™

## FOLDING TRAILERS

### Operation Manual – Version 9

**Please make sure BEFORE you use the trailer you have read this entire booklet and have conducted the pre delivery check list found in the plastic pocket with this Operation Manual.**

**The Pre delivery checklist ensures the trailer is ready to be used.**

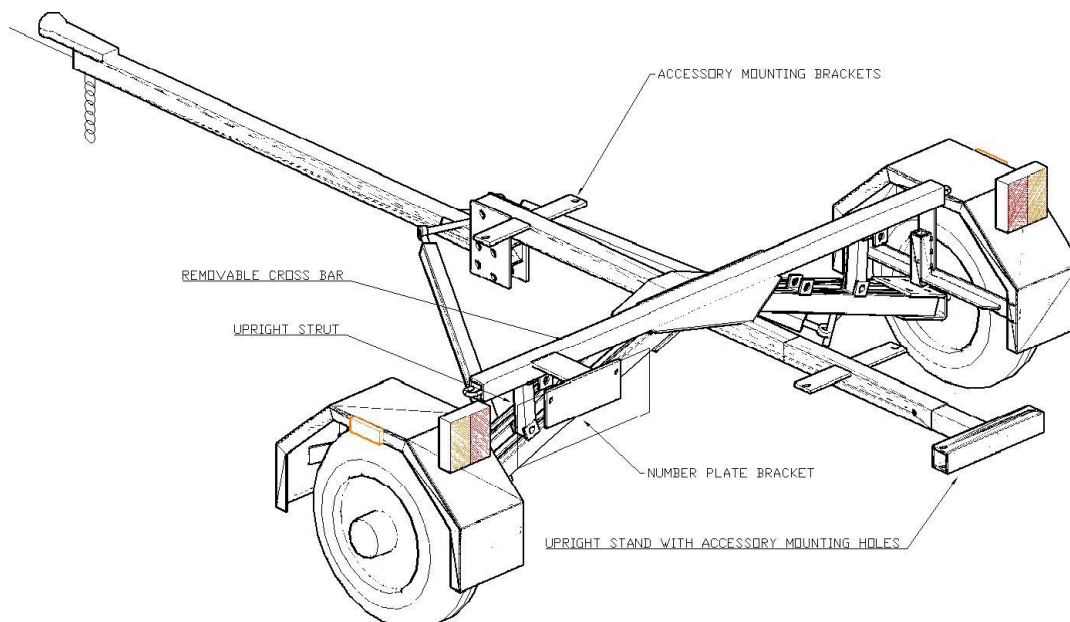
All trailers 2015 + will come pre assembled– You will have the “Naked frame” (No accessories) attached. See drawing of trailer below.

This **Manual outlines the different set ups** the Bulldog Multi Use Trailer comprises of:

- 1) Boat / Dinghy
- 2) Kayak / Canoe
- 3) Inflatable Boat
- 4) Motorcycle Trailer – single and double
- 5) Utility – Flat Bed and box top.

This is what EVERY trailer will look like when you pull it out of the box. If you have bought the Boat trailer version then you will also have the Extendible draw bar (inside the box)

### FMT Naked Frame



## 1) SET –UP for the Boat / Dinghy

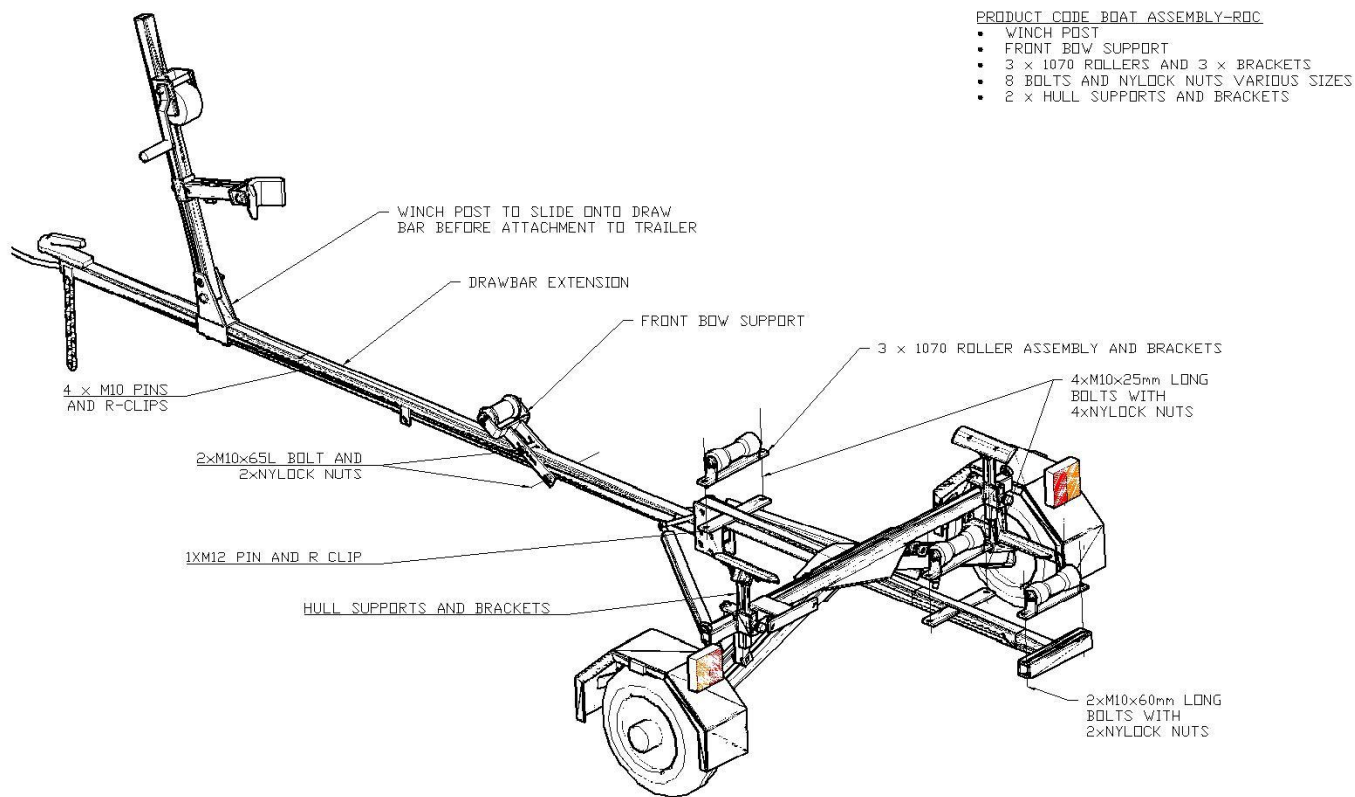
If you have purchased the boat accessories you will have the following parts inside the box:

- 1) 1 x Winch Post
- 2) 2 x Hull supports and brackets
- 3) 3 x 1070 rollers and 3 x brackets to attach the rollers to the main frame
- 4) 1 x bow support roller and bracket
- 5) Extendible draw bar
- 6) 8 x bolts (various sizes) and 8 x nuts.

Bow support bracket: M10 \* 85mm (L) \* 2 bolts & 2 \* nylock nuts

2 \* 1070 roller brackets - 4 \* M10\*25mm (L) bolt & 4 nylcok nuts

1 \* rear 1070 roller bracket - 2 \* M10 \* 70mm (L) bolt & 2 nylock nuts



1. Take the trailer out of the box: **DO NOT DAMAGE THE BOX** – IF THIS TRAILER NEEDS TO BE RETURNED – IT MUST BE RE PACKED AND RETURNED UNDAMAGED TO BULLDOG FOLDING TRAILERS.

2. Stand the trailer upright with the tyres facing you as in this image.



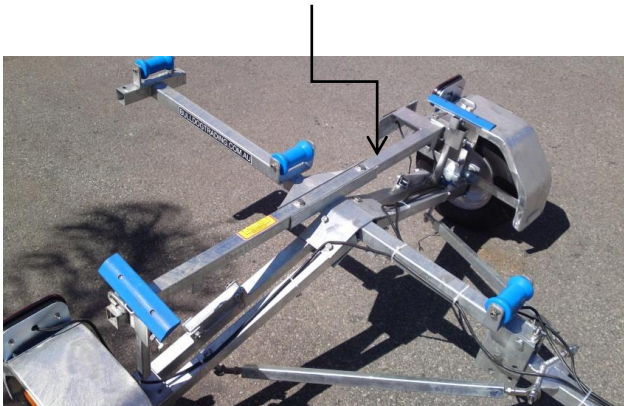
3. Push wheels apart with your knees.



4. Grab the drawbar and walk backwards lowering the trailer onto the ground.



5. Install the removable cross bar and connect with bolts.



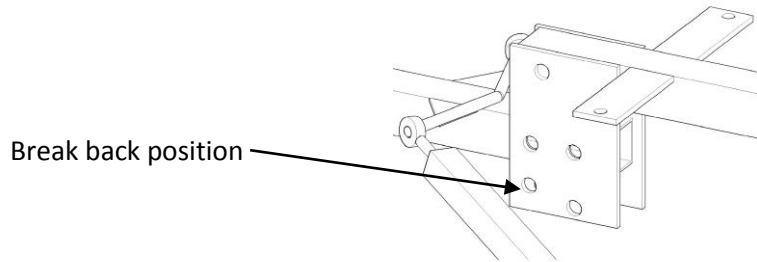
Please note: This image shows the rollers and hull Supports already attached. Your trailer at this Point WILL NOT have these parts attached as yet.

6. Connect vertical struts to the removable crossbar as seen below. This is **IMPERATIVE** as it provides the main support for the axel assembly.



7. Place pin in to lock the drawbar if required.

A boat can be loaded using the brake back feature of the trailer. Once the boat is on the trailer it must be secured tightly at the bow which will lock the position of the drawbar, therefore the locking pin is not required. Leave the pin in the break back position hole as shown.



8. Place the inner sleeve in the end of the drawbar and fasten with pins and R clips



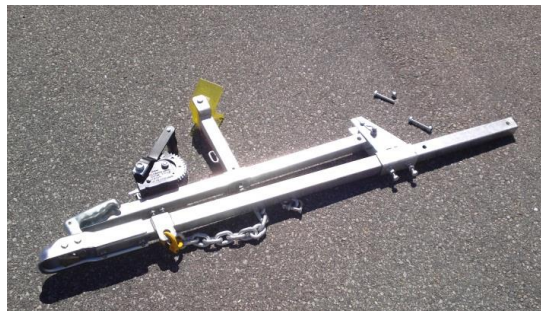
10. Slide the winch post onto the drawbar and attach using the nuts and bolts provided.

11. Connect the other end of the drawbar and fasten with pins and R clips.



The image below middle– shows the winch post attached to the drawbar.

12. Attach to tow bar of car, attach safety chain and attach the light socket to your car. **The lights** on the trailer already include the number plate light. It can be seen on the left hand side light on its right hand side as seen below right.



You will need a 7 pin round plug to attach the trailer.

If you have a round plug – you can buy the attachments from any local Auto Parts store.



**Note: Before you use the trailer – Check the Wheel alignment is true: Details below in the Maintenance & Commissioning section or on our Website - [www.bulldogfoldingtrailers.com.au](http://www.bulldogfoldingtrailers.com.au)**



## **2. Kayak / Canoe accessory rail and bracket: (3 lengths available 1.2m, 1.6m 2m)**



In order to set up the trailer to carry kayak's and or canoes, you will need the kayak / Canoe Accessory rail and bracket with the nuts and bolts. (See to the left)

1 x rail, 1 x Bracket 1 x packet of nuts and bolts to attach the bracket.

1) Attach the bracket to the front drawbar of the trailer as seen here:



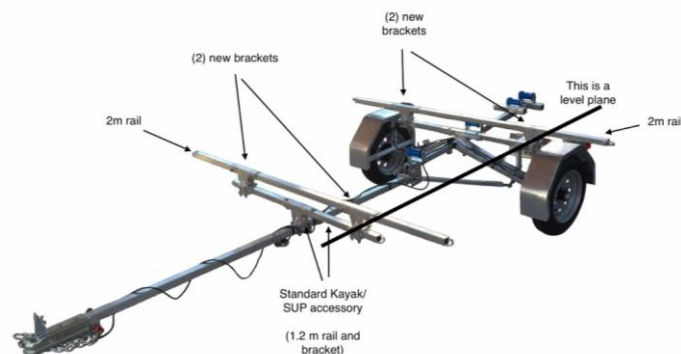
2) Slide the rail (1.2m or 1.6m) through the bracket and secure with bolts.



3) There are three lengths of rail. Depending on the width of your kayak's and how many you want to transport will depend on how this set up will look:

If you need the transport two WIDE kayak's side by side, the image on the right below – will be what you need: This is using 1 x 1.2m wide rail – then 2 x 2m wide rails with 4 brackets attached to the 1.2m wide rail along the front and 1 2m wide rail attached to the removable cross bar along the back of the trailer.

**1 x 1.2m wide rail & 2 x 2m rails (below)**



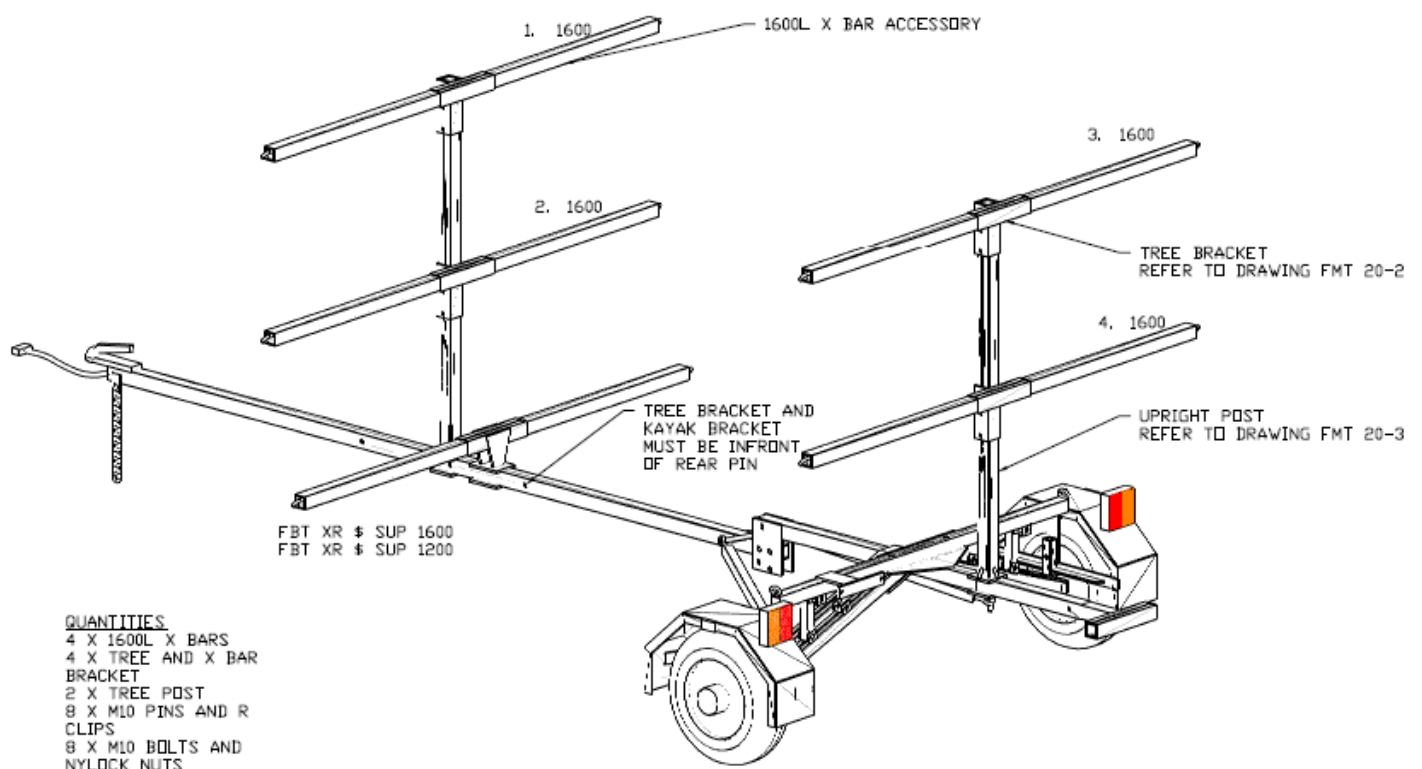
## 2a. Kayak Carry Tree set up – Can carry up to 6 kayak's at one time



### This set up requires:

- 1 x Folding Naked Frame – AUSB-08
- 1 x 1.6m wide rail and bracket – XR-16B
- 1 x Tree Accessory (Kayak Tree) - TPA

To attach the kayak Tree accessory please do the following:





### **3. Inflatable Boat Accessory kit - Installation:**

In order to carry your inflatable boat on the Bulldog, you will need to purchase the Inflatable Boat Accessory kit as shown here: (This accessory can be purchased from Bulldog Folding Trailers)



If you have also purchased the Boat / Dinghy set up – you need to replace the side skid hull supports with the inflatable boat pontoon roller supports as shown above. Once secure, you can winch the inflatable up onto the trailer.

If you have the kayak set up and need to transport an inflatable – you will need to purchase 2 x Support brackets as seen here and the Inflatable boat rollers above.



## Caravan Bracket / carrier – How to attach to the caravan.

Caravan bracket weighs: 6kg



1. Bolt bracket to rear bar of caravan. (Bolts are not included with the bracket) You need to purchase these separately as every bumper bar is a different height. It is recommended that nylock nuts or spring washers are used. It is also recommended that the mounting bar is checked to ensure that it is capable to carry the weight of the trailer.
2. Remove the second roller from the back of the trailer. (The one closest to the removable cross bar – as seen below) (You may not have any rollers) If you don't have any with the kayak set up – please contact Bulldog Folding Trailers and purchase 1 x 1070 roller and 1 x Bracket) so you can attach the trailer to the caravan bracket. (See details below)



3. Place the base of the trailer on the base plate of the carrier. Lift the trailer up until the holes in the roller bracket are aligned. Then screw bolts into the hole to secure trailer.







## Extra accessory needed if you have the kayak set up.

**NOTE: If you have purchased the kayak set up you won't have any rollers or brackets, which means you will need to purchase 1x 1070 roller and 1 x bracket along with- 2 \* M10\*25mm (L) bolt & 2 nylcok nuts**  
**See here:**



**Please give us a call or send us an email and we will send this part out to you.**



#### **4) Single track Assembly Instructions: For Motorcycles & Utility Trailer**

You will need 1 x 'Naked Frame' trailer and 1 x TR SHS – which is the single track and all the parts and accessories to attach the single black track to the frame.



The parts you will have in the TR SHS box are shown to the left.

1. Take the trailer out of the box: (keep the box) – If you need to make a return you **MUST** keep the original packaging in good condition and re pack the trailer to prevent damage during transit)

2. Stand the trailer up and hold it, so it does not topple over.
3. Push wheels apart with knees.



4. Grab the drawbar and walk backwards lowering the trailer onto the ground. (Your trailer **WILL NOT** have the black track) as seen below. You will be attaching this shortly. Do this gently and it will allow the wheels to fold out and into place as you can see in point 4. **Make sure the electric cable will not get caught in the central pivot or axel pivot brackets.**

1



2



3



4



5. Place the black track on top of the trailer with the three track support brackets over the trailer accessory mounting brackets. Individually place the 40 x 40 square Hollow section of tubing between the trailer and the track supports and then bolt together with the bolts provided in the SHS package.

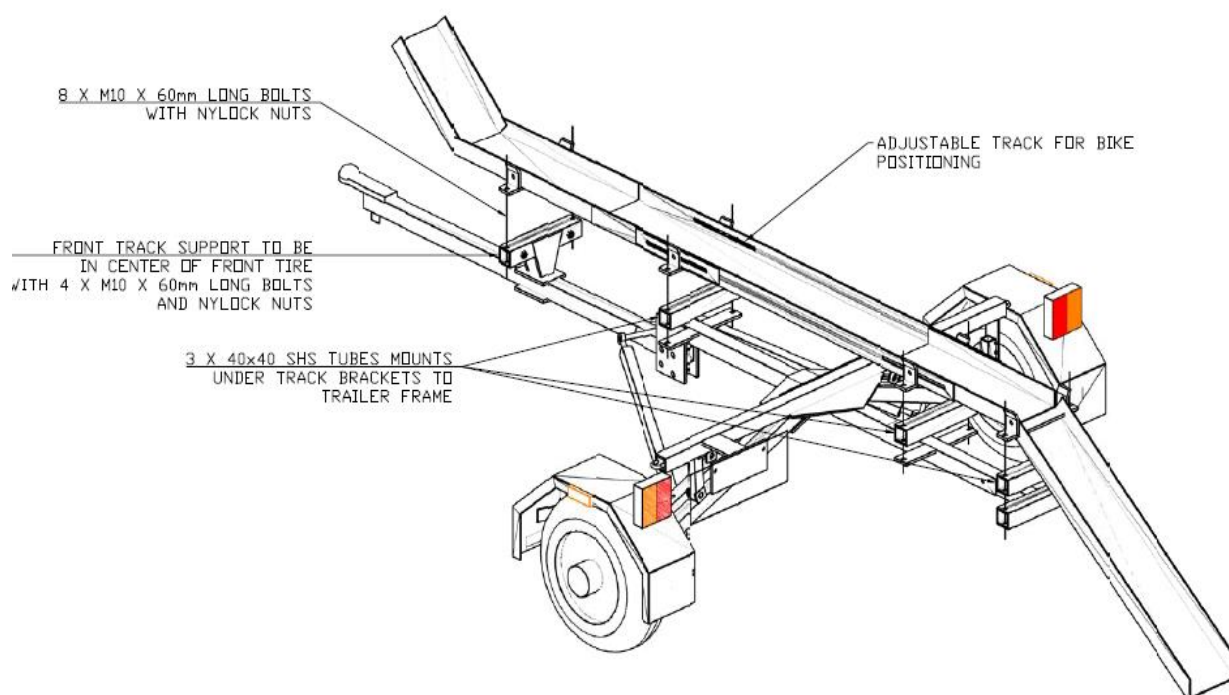
This is the bracket (Track Support)



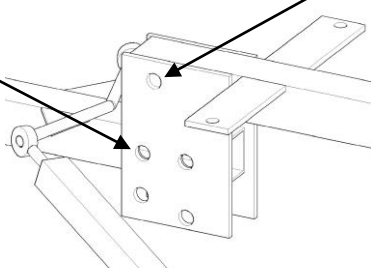
**The drawing below shows how to assemble the single track onto the “naked Frame”**

PRODUCT CODE - TR SHS

- TRACK WITH MOUNTING BRACKETS
- 3 X 40x40 SHS TUBES
- 8 X M10 70mm LONG BOLTS AND NYLOCK NUTS



6. If you're not carrying a bike take pin from the pin storage hole and place pin through folding draw bar locking hole.





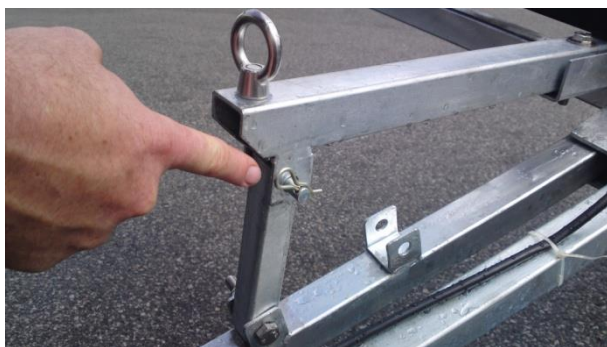
7. Place the removable cross bar under the track and loosely place the bolts in place. (See top left image below)
8. The removable cross bar needs to be inserted on its side with the number plate bracket facing upwards. Push to half way on a 45 degree angle then twist 90 degrees as seen below right.

**REMOVABLE CROSS BAR:** This bar needs to be removed when you go to fold away the trailer. If you don't do this – your number plate will be bent when you fold the trailer up!

NOTE: Remove the removable cross bar (The bar with the number plate) BEFORE you fold away the trailer.  
OR remove the number plate and then fold it up.



9. Attach the swing arm connectors to the removable cross bar (Bar with the number plate – plate) with the pins.



10. Tighten cross bar bolts.



11. Attach to tow bar of car, attach safety chain and attach light socket to car. **The lights** on the trailer already include the number plate light. It can be seen on the left hand side light on its right hand side as seen below.



The number plate light is on the side of the square light. (See photo)

12. Depending on the type of motorcycle will determine whether or not the break back mechanism is required. If you are loading a heavy road bike with minimal clearance then the brake back will allow you to easily load the bike. Off road bikes do not require the brake back so leave the pin in the middle position. Once you have loaded your road bike using the break back strap the handle bars down to the front cross bar to hold the trailer in a locked position and leave the pin in the break back hole. It is very difficult to put the pin in the middle position once a bike is loaded. See pictures below.



Middle position lock position

Break back pin position

13. Load motorcycle and adjust ramp size to suit bike.



Please visit the folding trailers website to see the **2 different ways of loading a bike.**

With the **break back** and **without** the break back. <http://bulldogfoldingtrailers.com.au/photo-video-gallery/> Click on VIDEOS and view the ***Loading and Unloading FMT video.***

For low clearance bikes such as Road Bikes use the break back. There are two inclines.

For Motocross bikes you can leave the pin in and load up the ramp.

Tip: Have the straps set up on the trailer before you load the bike. Push the bike onto the trailer and then place the bike in gear. Secure one middle strap to the bike which is long enough to lean the bike away from you but be held by the strap on the lean. This will hold the bike on the trailer while you walk around and secure the other straps to the bike.



**Note: The most important fastening points are in the middle. Either to the central frame or foot pegs to the removable cross bar Ratchet straps are recommended.**

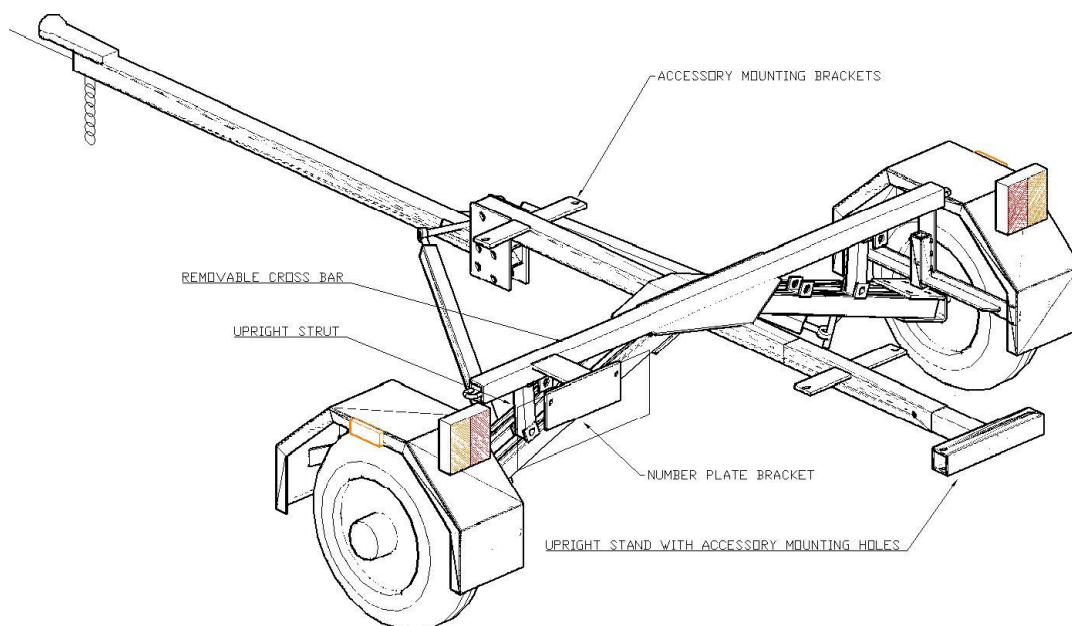


Load Capacity:

G.T.M 450kg, Tare weight of single track is 60kg. Max Capacity is 390kg.

## **4a) Double Track Accessory Kit Assembly**

Your FMT should look like this when you assemble it from the box.

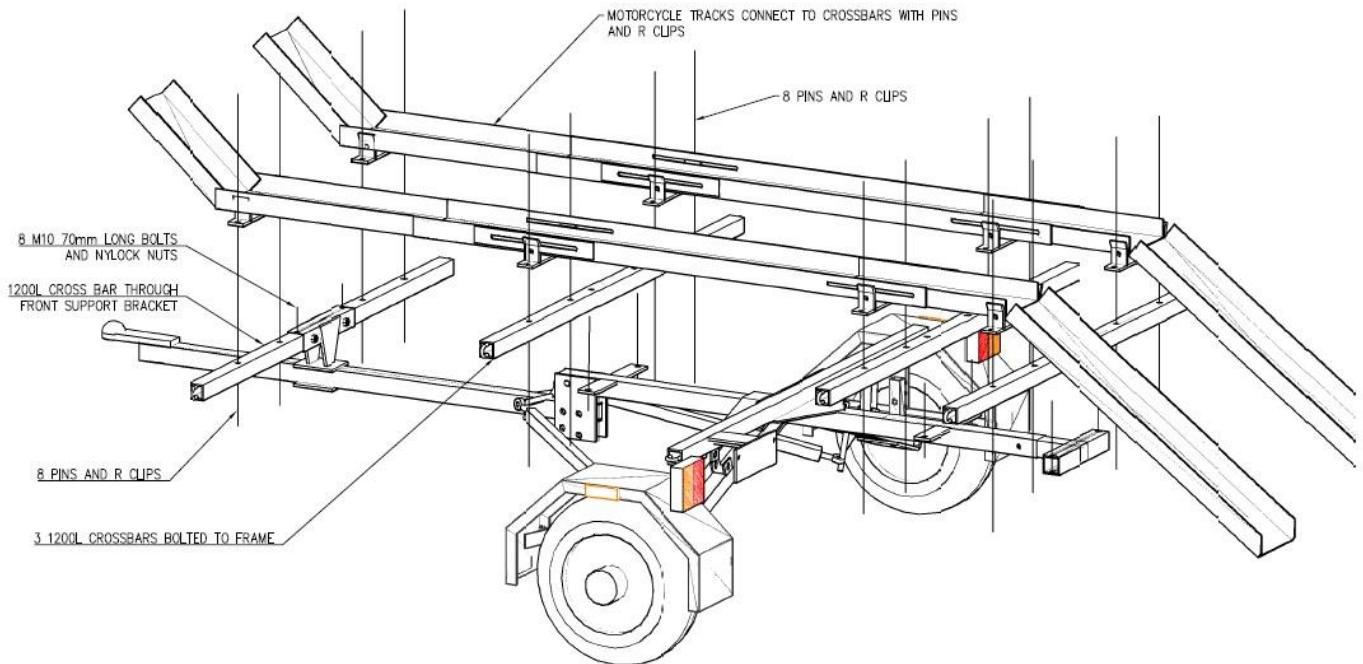




It will come together like this:

#### DOUBLE MOTORCYCLE ASSEMBLY

2 X MOTORCYCLE TRACKS  
4 X CROSS BARS  
16 X PINS AND R CLIPS  
8 X M10 70mm BOLTS AND NYLOCK NUTS  
1 X ACCESSORY X BAR FRONT SUPPORT BRACKET



1. Bolt the accessory x bars on to the trailer and accessory cross bar bracket on the draw bar.
2. Place the tracks on either side of the trailer and connect with pins and R clips



#### Load capacity:

Maximum load capacity of the double track FMT is 365kg combined weight of bikes.

G.T.M is 450kg

Tare weight is 85kg of the double track FMT.





## 5.Flat bed / Box Top Assembly Instructions:

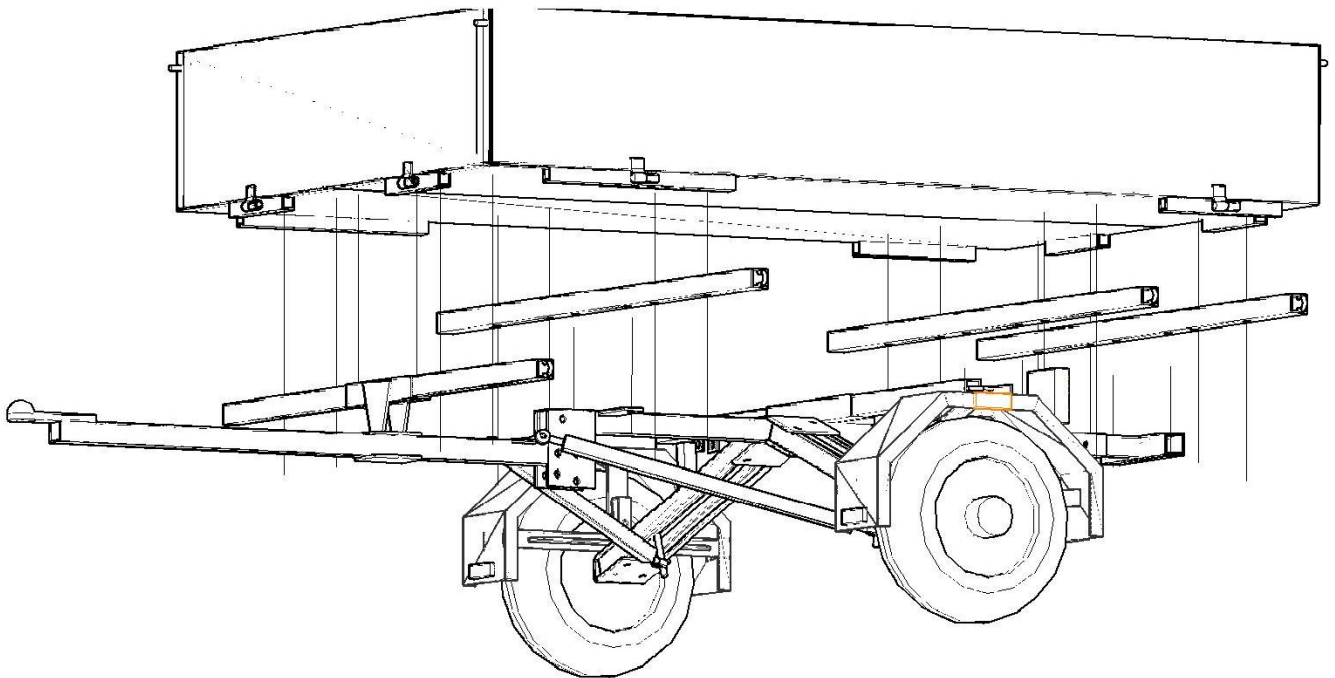


Depending on the version of trailer you have purchased assembly of the Flat top and sides is simple.

If you have purchased the **FMT "Naked Frame"** the following applies:

**Refer to the first few points at the start of the motorcycle (Utility Trailer) section. Make sure you have inserted the removable cross bar (with number plate) through the main frame of the trailer and then attach the swing arm connectors to the removable cross member with the pins on both sides of the trailer (near the wheel guards)**

**Your FMT will then look like this below:**



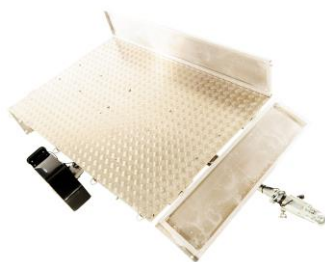
Pins and r clips go in the 2 outer holes and bolts go through the middle to the accessory connection bracket on the main frame.

**Note:** No need to bolt through removable cross bar (with number plate)

- 1) Once secure, attach the box sides. Any side can be attached first. There is no sequence. Use R clips to pin sides together.



1 side



2 sides



until all 4 sides are attached.  
(Tilted up showing undercarriage and cross bar positions)

When the FMT is set up as a box top you need to move the lights from the wheel guards to the back side. (Holes are already in place) The registration plate must also be attached to the back. See photo below for the positioning.



**Load Capacity of the Box Top with sides.**

G.T.M of Box top is 450kg. Tare weight of box top with sides is 100kg.

Load capacity of the box top (with sides) is 350kg.

**Load Capacity of the Flat top (No sides attached)**

G.T.M of Flat Top is 450kg. Tare weight of flat top is 85kg.

Load capacity of the Flat top is 365kg





## Bulldog Trailer – Maintenance and Commissioning

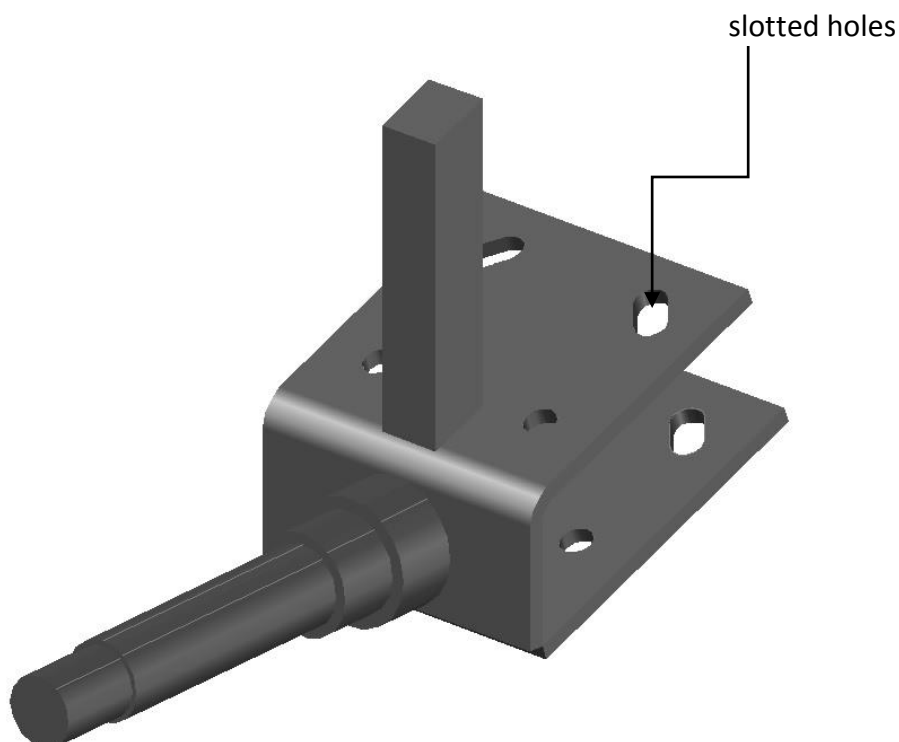
It is imperative that the FMT is looked after and maintained to ensure longevity and safe workings of your trailer. This will always ensure hassle free use of your trailer and continuation of the warranty to its full extent.

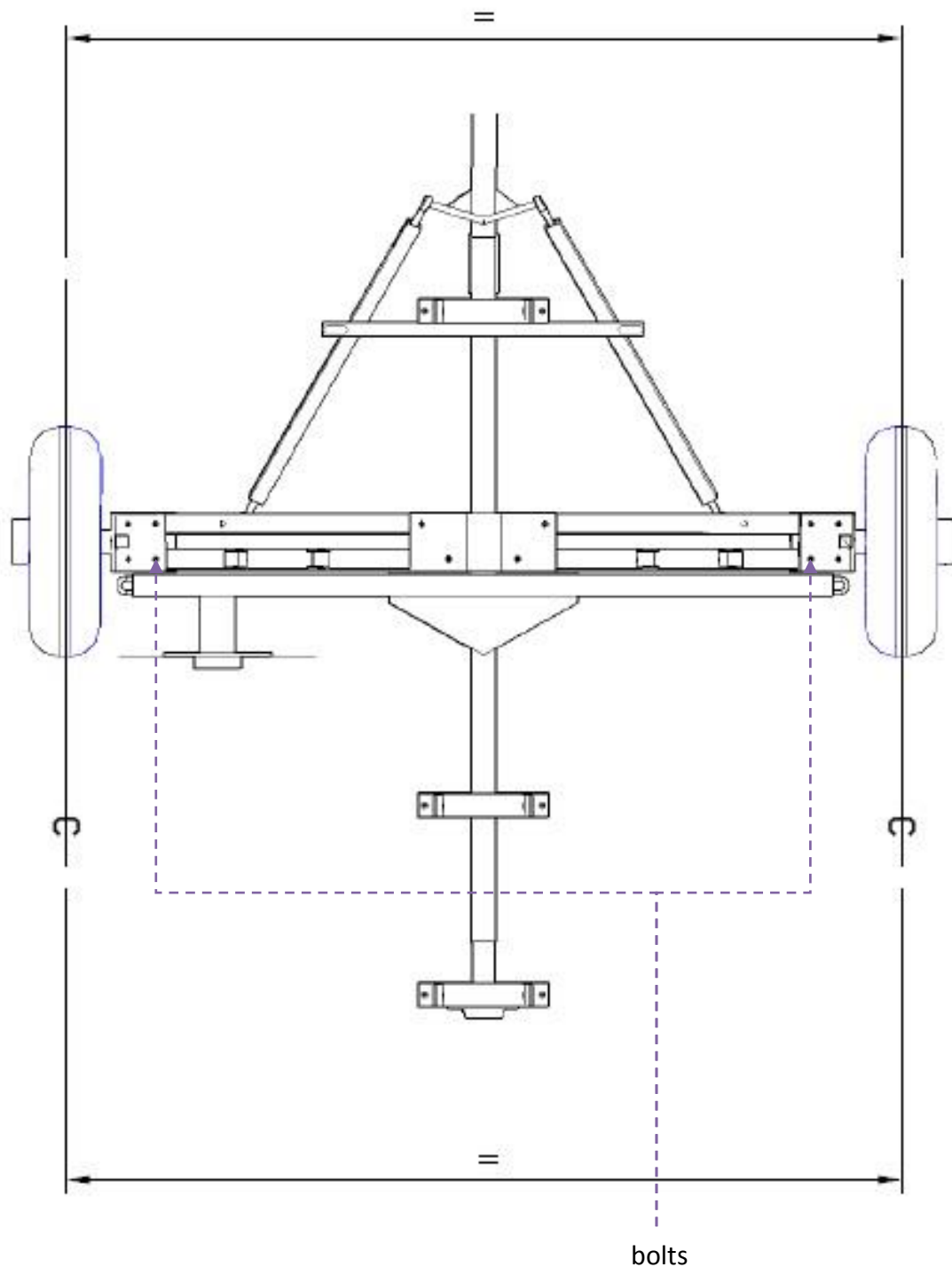
1. Always check the nuts and bolts of the trailer before use to ensure they are all tightened correctly. This is especially important for the 2 bolts that connect the removable cross member and wheel guards.

**WHEEL and Draw Bar alignment:** - <http://bulldogfoldingtrailers.com.au/photo-video-gallery/>

**We have 3 videos on wheel alignment. One is detailed and takes about 15 minutes.**

2. Using a tape measure check that the wheels are square with the trailer. This can also be seen when the trailer is folded as the wheels move in alignment with the trailer at all times. Check left and right alignments.
3. If there is some misalignment then loosen the bolt at the rear of wheel assembly at the outside end of the rear swing arm (As illustrated below). This will allow for the wheels to be towed in or out. **It is very important that the wheels are within 1-2mm** from the measurement of the **front** of the tyre to the main frame and the **back** of the tyre to the main frame. The closer the alignment the less wear you will get on your tyres. It is better to have the wheels slightly towed in at the front than out at the back. Once inline retighten the bolt firmly.





**IMPORTANT:** - If the alignment is not “true” or EXACT you will have excessive wear of the tyres

3. Then fold the trailer up, stand and push the wheels in hard against the trailer frame. Then twist the tie rods simultaneously in the direction that pulls the drawbar into the trailer until the drawbar has a tight spring feeling. Not too tight just enough so that when you move the trailer the hitch does not drag on the ground. Then lock off tie rod lock nuts. Note the drawbar should be roughly in line with the rear frame.

Please see photos over the page.

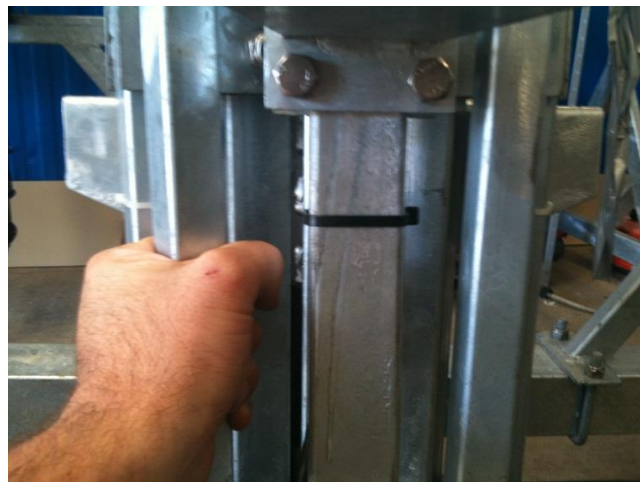


Wheels pushed hard inwards.



Tyre rod

Lock nut



Twist tyre rod

We also have a detailed video on our website. Please visit and go to the photos and videos tab.



Firm drawbar



Lock nut

4. Always check the bearings before embarking on long trips. The bearings are **set 14 bearings** and can be purchased from any trailer retailer.

**Ensure that the wheel bearings (set 14) are sufficiently greased at all times.**

5. Tyres should be inflated to the recommended inflation pressure to avoid excessive wear. Recommended pressure with average load 40PSI. If using trailer to maximum capacity inflate to 50PSI.
6. Make sure your trailer is weighted correctly with approximately 20kg of weight on your tow ball. If you have negative weight on your tow ball you will have severe sway in the trailer.

**PARTS for the Bulldog Trailer:**

Parts, such as nuts and bolts and pins etc for the Bulldog Trailers can be generally purchased from any trailer retailer including Bunnings.

**The bearings are set 14** and can also be purchased from trailer retailers across Australia. (LM44643/10) Bearings are not covered under warranty.

Bulldog Trailers can also sell these to you direct.

If you require further information please contact your retailer or go to the Bulldog Folding Trailers website.

[www.bulldogfoldingtrailers.com.au](http://www.bulldogfoldingtrailers.com.au)