




# HITCH Tricycle/Trailer Conversion Unit - User Manual



[www.theraplay.co.uk](http://www.theraplay.co.uk)  
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## Congratulations

 You have made an excellent investment in your child's health and happiness. Our tricycles offer valuable exercise and therapy by providing cardiovascular fitness and increased muscle strength.

The following instruction will give you advice on the adjustments and maintenance procedures to enable you to keep your tricycle in the best possible condition. We do, however, recommend that a regular service is carried out by your appointed dealer or a reputable local bicycle shop. The small cost will help to ensure rider safety and long life of the tricycle.

Please keep this manual in a safe place for future reference.

# Recommended Use

The HITCH unit can be used with the Terrier and TMX models of tricycle. These tricycles must be fitted with an Option Drive (Fixed and Freewheel gear) or Freewheel gear. It is essential that the HITCH is used in Freewheel mode when cycling as the gear ratio on the tricycle is considerably lower than a standard adult bicycle. The HITCH is designed to attach to the seat post of an adult bicycle, please be sure there is at least 60mm (2 1/2") of seat post to enable the clamping system to attach to the seat post.

The HITCH cycle unit is designed to be used on cycle paths, roads and paved areas, it is not designed for off-road cycling or stunt cycling as uneven ground may compromise the stability of both bicycle and trailer unit. It is not recommended for very young children or for children over the product's maximum user weight.

THE USE OF A WELL FITTED CYCLE HELMET IS RECOMMENDED

Although our products are designed with safety in mind, we cannot guarantee freedom from injury. The user assumes all risk of injury or suitability for a particular client.

# Owners Responsibility

- BE SURE TO READ AND CARRY OUT THE FOLLOWING BEFORE THE TRICYCLE IS USED**
1. READ THE INSTRUCTIONS CAREFULLY AND KNOW HOW TO OPERATE ALL STANDARD AND ACCESSORY EQUIPMENT FURNISHED WITH YOUR TRICYCLE.
  2. MAKE SURE THAT THE SADDLE AND THE HANDLEBARS ARE POSITIONED TO PROVIDE THE MAXIMUM SAFETY AND COMFORT.
  3. WE RECOMMEND THE USE OF A CYCLE HELMET, IF ONE IS USED, BE SURE IT FITS COMFORTABLY AND SECURELY AND DOES NOT IN ANY WAY INTERFERE WITH VISION OR HEARING.
  4. OUR TRIKES ARE DESIGNED WITH A LOW CENTRE OF GRAVITY, BROAD WHEELBASE AND A STEERING LIMIT DEVICE TO MINIMISE THE RISK OF THEM TIPPING OVER. HOWEVER ALL TRIKES CAN BE TIPPED OVER. ENSURE THE RIDER IS PROFICIENT IN HANDLING THE TRICYCLE ESPECIALLY WHEN CORNERING. IT IS BEST TO CORNER SLOWLY UNTIL CONFIDENCE IS GAINED IN HANDLING THE TRIKE.
  5. CHECK TYRES FOR PROPER INFLATION PRESSURE AS INDICATED ON THE SIDEWALL.
  6. ALL TRICYCLES ARE MADE AND ARE INTENDED FOR ONLY ONE PERSON TO RIDE, SITTING PROPERLY ON THE SEAT.
  7. MAKE SURE THAT ALL NUT, BOLTS AND SCREWS ARE SECURELY TIGHTENED.
  8. THE MANUFACTURER IS NOT RESPONSIBLE FOR FAILURE, INJURY OR DAMAGE CAUSED BY IMPROPER COMPLETION OF ASSEMBLY OR IMPROPER MAINTENANCE AFTER SHIPMENT.
  9. SINCE NORMAL WEAR OF SUCH PARTS AS TYRES, TUBES ETC. WILL NECESSITATE REPLACEMENT FROM TIME TO TIME, PLEASE REFER TO YOUR DEALER OR A REPUTABLE BICYCLE SHOP FOR WHATEVER ITEMS REQUIRED.
  10. INSURE YOUR TRICYCLE.
  11. RETAIN THESE INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE.

# Guarantee

Theraplay Ltd guarantees this frame to be free of defects in material and workmanship from the date of original purchase for a period of 2 years. Our obligation under this guarantee is limited to repair or replacement of any part or entire unit at our option, provided that it has been properly maintained and has not been tampered with or repaired by unauthorised individuals. The guarantee does not cover normal wear and tear, cost of inconvenience, property damage, abuse, accident or similar incidents.

Under these terms, Theraplay Ltd will bear the cost of replacement parts and labour charges, provided reasonable evidence is supplied that the product was purchased within 24 months prior to the claim. The return of any equipment must have prior authorisation and a return shipping and re-delivery charge of £60.00 will be made. Call or write for instructions.

By offering this guarantee, Theraplay Ltd in no way seeks to diminish a consumer's statutory rights.

# Assembly

These instructions are supplementary to the instructions provided in the main Owner's Manual provided with the tricycle.

Your HITCH cycle will comprise the following parts:

1. A Terrier or TMX tricycle with a folding frame option
2. An Option Drive or Freewheel gear (Diagram A)
3. A HITCH Extension Bar (Diagram B)
4. Seat post mounting clamp with spacer kit.. This is for fitting to the seat post of the bicycle (Diagram C)

1. Engage the kick stand (TMX model only) to immobilize the tricycle and detach the front section of the tricycle at the folding plates by unscrewing both top and bottom plastic knobs.
2. Fit the Extension Arm onto the folding plates and secure with the top and bottom plastic knobs. Please ensure both plates are tighten firmly against each other to avoid unwanted movement.
3. Remove seat post from adult bicycle.
4. There are a selection of spacers provided with the seat clamp as shown to fit the varying diameter of bicycle seat posts. Select the spacer which fits securely onto the seat post and slide it into the mounting clamp.

The clamp can then be fitted to the seat post as shown in Diagram D, making sure to fully tighten the bolts with the Allen key supplied. NOTE: If the clamp does not tighten fully, remove the clamp and try a thicker spacer to eliminate any movement. **NOTE: The HITCH cycle should not be used if the mounting clamp is not fully secure.**

5. Fit the saddle onto the bicycle and secure at a comfortable position.
6. The HITCH extension arm can now be coupled to the mounting Clamp. Slide the HITCH extension arm between the jaws of the Mounting Clamp as shown in Diagram D. When the holes are aligned press the RED button on the locking plunger and fit into the holes. When it is in place, release the red button. The plunger will lock into place, you should not be able to pull this out of the mounting clamp. If the plunger fails to lock, please consult your authorised dealer.
7. A secondary safety device is fitted to the HITCH Extension arm. Fit the loop safety strap through the triangle strap guide on the mounting clamp. Fit both ends of the strap into the carabiner, this is shown in Diagram D. **NOTE: THIS STRAP SHOULD ALWAYS BE USED WHEN THE CYCLE IS BEING RIDDEN AS A TRAILER UNIT.**
8. Select the freewheel option on the Option Drive gear if fitted by pulling the indexed plunger and turning clockwise 90 degrees. The pin should stay in its out position meaning the fixed wheel option is disengaged. NOTE: the cycle will move forward without the pedals turning. NOTE: Always use the HITCH cycle in freewheel mode.

**WARNING:** Like any mechanical device, a cycle and its components are subject to wear and stress. Different materials and mechanisms wear or fatigue at different rates and have different life spans. If a component's life cycle is exceeded, the component can suddenly fail potentially causing serious injury. Scratches, cracks and discolouration are signs of stress-caused fatigue and indicate that a part may be at the end of its useful life and needs to be replaced. If in doubt contact us immediately or consult your approved Dealer.

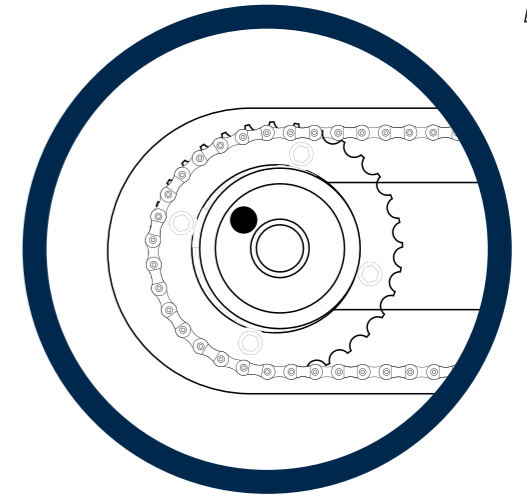


Diagram A

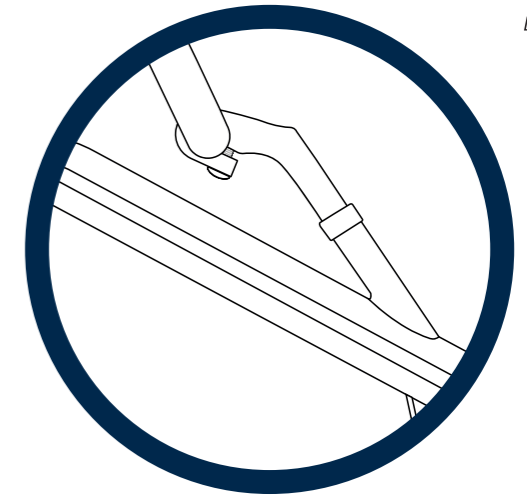


Diagram B

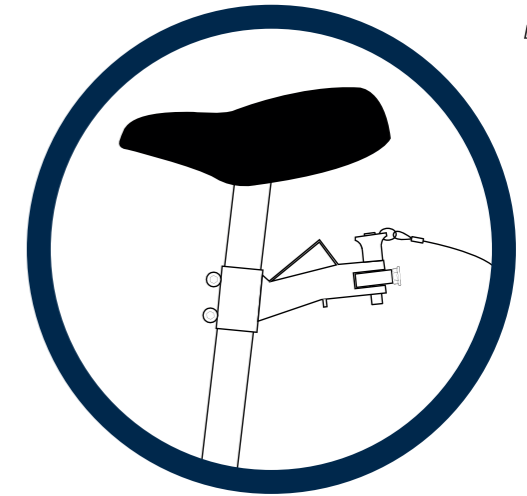


Diagram C

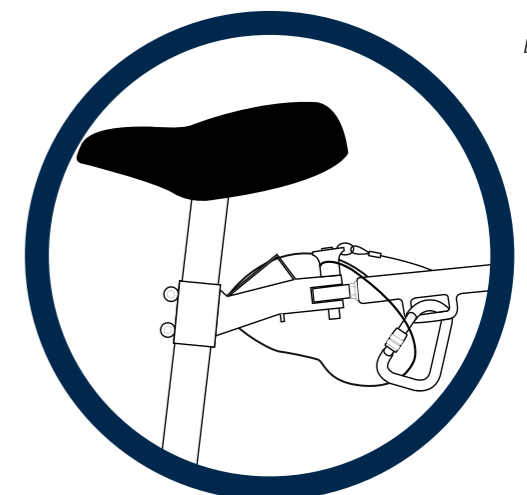


Diagram D