



# Gamma & Beta 'Y' Base Instruction For Use

All Users



Pages 16-17 shows the Beta Abduction

Section 1 All Users	Pages 2 - 8 Safety Information
Section 2 Technical User	Pages 9 - 23 Physiotherapist, Occupational Therapist.
Section 3 Home User	Pages 24 - 26 Home or School Carer.
Section 4 Re-Issue	Pages 27 - 31 Stores Personnel.

















**Note: Gamma & Beta are Prescribed Medical Devices.  
To be used only with the guidance of Therapist or Prescribing  
Practitioner. Please read these instructions carefully before use.**

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## IMPORTANT SAFEGUARDS

	<b>NEVER LEAVE CHILD UNATTENDED WHILE THEY ARE USING THIS PRODUCT.</b>
	Failure to follow instructions, especially with regard to moving parts may pose a risk to the user. <b>Always read instructions before use.</b>
	<b>Do Not Use</b> this product if you suspect it is faulty or broken. Contact Jenx Limited immediately for advice. +44 (0) 114 285 3376
	This product should be used on a level floor and <b>never</b> on raised or uneven surface. <b>Do Not Use this product as a Mobility Device.</b>
	This product contains small parts which could present a choking hazard to small children.
	All Jenx Limited products are tested to current fire regulations. Always keep products away from naked flames, cigarettes and sources of heat. E.g. Radiators, Heaters etc.
	Jenx supply tools to adjust certain products. The tools are supplied for adjustments to be made by the therapist only. Store in a safe place. <b>Keep Away</b> from children. <b>Do Not</b> make adjustments, other than instructed to do so.
	<b>Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads.</b>
	Assemble product fully before use. Please contact Jenx Limited if you have any problems at this stage.
	Look after your product well, clean regularly and <b>Do Not Use Abrasive Cleaners.</b>
	All belts and harnesses should be used at all times. For therapy purposes it may be necessary to deviate from this rule and any deviation should be fully documented as part of a Risk Assessment or Therapy Programme and all relevant staff and carers appropriately trained. Secure client with straps before adjusting product. Ensure finger's width between safety strap and client to prevent over tightening or client moving to inappropriate position. Adjust straps for each client and changes of clothing. Minimum Velcro overlap: 3 inches (7.5cm) on all straps. If strap is not long enough, <b>DO NOT USE PRODUCT</b>
	This product conforms to the European Medical Devices Directive. It has not been tested in conjunction with other manufacturers products. Do not add any accessories other than Jenx Limited accessories to this product. If in doubt, contact us for advice. +44 (0)114 285 3376
	When not in use store this product in a dry place that is <b>Not</b> subject to extremes of temperature. E.g. Places <b>Not</b> to store this product are attics or garden sheds.
	<b>Any service or repair carried out by persons other than a Jenx authorised service person will invalidate the guarantee and Jenx can accept no liability for any injury or damage so caused.</b>
	<b>Ensure your Therapist has signed the inspection log as "Set Up" before using the product. If this product has not been set up by your Therapist DO NOT USE THE PRODUCT</b>

## SAFETY LABEL

The **batch number** is written on the fire label (see picture below) which is located on the inside of the product body. Or in some instances on the underside of the seat. Please quote this number on all correspondence.



Serial number

Each Jenx product has a pictorial safety label attached. Refer to explanation below.



Warning / Attention.  
Please read Instructions



Only use indoors



Always fasten and adjust positioning straps and belts to suit the child. Adjust to suit changes in clothing. Allow one fingers width between the belt and the child.



**Do not leave child unattended**



**DO NOT USE as a mobility device**  
Never use product on rough ground or uneven surface.



25KG

Maximum user weight



Conforms to CE Marking Regulations  
**Medical Devices Directive (MDD) 93/42 EEC**

# CARE AND CLEANING INSTRUCTIONS

## Fabrics, Vinyl's and Cloth covers

1. Minor spills can be removed with kitchen roll and the area wiped with clean water.
2. Staining should be removed as quickly as possible after contact.
3. Do not rub, rubbing will spread the stain over a larger area and may distort the surface texture of the fabric.
4. For water based spills such as food, drink and vegetable oils, blot up the spill by applying pressure with non-coloured paper towels, tissues or dry absorbent cloths. Soak a small piece of cloth in a solution of mild detergent and warm water (use cold water for blood), using a small amount of the solution at a time and with a dabbing or blotting motion, work inwards from the edge of the stain to prevent it spreading. Do not over wet. Excessive soaking may cause rings on the surface spreading the stain further and may also damage the fabric or foam.
5. This step may need to be repeated and is dependent on the nature of the stain and the amount of staining present. Continue treatment until stain is removed, always remembering to remove excess moisture from the fabric prior to the next treatment.
6. Rinse by applying clear tepid water using a small piece of non-coloured sponge or clean white cloth, again working inwards from the edge of the treated area.
7. Disinfectants which do not contain organic solvents may be used according to the manufacturer's directions. Antibacterial spray or wipes can be used, be sure to dry the product before use.
8. Do not soak the fabric.
9. **Do not use organic solvents or dry cleaning fluids. Do not use abrasive cleaners.**
10. For disinfectant purposes, a small quantity of household bleach diluted with water (no more than 3% bleach) can be used, take care to rinse with water.
11. **Do not use** industrial bleaches such as Caustic Soda or Sodium Hypochlorite
12. Always ensure that the product is dry before use.

## Wooden Products and Parts

1. For deep cleaning a low pressure Steam Cleaner can be used.
2. **Do Not** use solvents of any kind to clean Jenx Products.
3. Soap and water or antibacterial spray can be used.
4. Check for breaks or splintering of the wood before re-issuing.
5. Daily cleaning: Spray polish or wax polish can be used.

## Metal Frames and Coated Parts.

1. For deep cleaning a low pressure Steam Cleaner can be used.
2. **Do Not** use solvents of any kind to clean Jenx Products.
3. Soap and water or antibacterial spray can be used.
4. Daily cleaning: wipe framework down with a damp cloth.

# MAINTENANCE

Daily Checks of the equipment should be carried out by carers. These checks are not technical but a basic understanding of the product is needed. Multiple daily checks may be needed in schools or therapy rooms where the products are used by multiple users.

## Daily Checks

- Replace any lost or worn washers or bolts.
- Check tray for damage. Ensure that the tray edging is secure and that the tray is clean and free of any rough or sharp corners.
- Check all upholstery for any signs of wear and tear.
- Brush Velcro® to remove fluff.
- Check wooden parts for splitting or splintering.
- Check straps for fraying and missing or broken buckles.
- Clean any stains or spillages.
- Contact Jenx Limited if any accessories not manufactured by Jenx Limited have been attached to the product. Unauthorised accessories may affect the safety of this product and invalidate your warranty.

We recommend that on a monthly basis a competent person who is familiar with this piece of equipment and who has been trained in its use should carry out a more detailed check.

## Monthly Checks

- Check all nuts and bolts are secured and that none is missing.
- Check all mechanical movements operate fully.
- Check the structure of the product for signs of fatigue or splintering.
- Castors: Lift base and check each wheel to ensure it is not loose or worn. Remove any grease or dirt that has built up on the wheels, check that the brake stops the wheels rotating (where applicable).
- Check gas springs for creep by placing a weight on the chair at the highest setting, (simulating the child) and leave for 1 hour. If the product has reduced significantly in height contact our Customer Service Department for advice.

Please ensure the name of the therapist who recommended the equipment is noted on the check/inspection log, along with the competent person who has been trained in the use of the equipment. Please also ensure that this is updated for changes in staff. Please note any "Set up" procedures should always be recorded.

# PRODUCT INDUCTION and HAND OVER

This product is a Prescribed Medical device as such it is important that all users understand the use and adjustments this product offers. This booklet shows the range of adjustments and gives guidelines for each type of user to follow.

## Technical users

*This section refers to Physiotherapist, Occupational Therapist.*

Ensure you read all sections in this booklet and are fully familiar with all adjustments. As well as the selection, prescription and set up of the product to suit the child's needs. The technical user has the responsibility for the induction of the Home User or Carer, ensuring that the Home user has:

- Familiarity with the product. What to use and what not to use.
- What optional attachments have been added and what daily adjustments to make.
- Understanding of the care and cleaning procedures.
- Understanding the safety aspects of the product.

A formal handover procedure should be adopted for this product. Use the recording sheet at the rear of this booklet to record set ups and changes to the product. Jenx Limited offer **Product Courses** for Technical Users please contact us for more information.

## Home User

*This section refers to Home or School Carer.*

This product is a Prescribed Medical device it should only be used with the guidance of a Physiotherapist or OT. Do not perform any other adjustment than instructed to do so.

The Home User section of this guide gives the adjustments needed to aid the daily use only. Any other adjustments are only to be performed by the therapist.

## Re-Issue

*This section refers to Stores Personnel.*

Stores personnel must follow the checks and maintenance guide before re issue. The MHRA release regular bulletins regarding product updates and issues, these should be regularly monitored.

- Records should be kept on all products serviced or re-issued. Repairs or replaced parts should be traceable.
- The batch number identifier should always stay with the product and never be removed.
- Instructions should always be issued with the product. Copies are available from Jenx limited or can be downloaded from [www.jenx.com](http://www.jenx.com)
- Technical users should always be informed when a product is issued to a home for set up purposes.
- If the product is to be redelivered ensure adequate and secure packaging is used.
- If in any doubt as to the safety of this product **Do Not** issue. Contact Jenx Limited for advice.

Jenx Limited offer **Stores Courses** for Stores Personnel. The course gives guidance for:

- Maintenance
- Inspection of the products
- Regulatory information
- Cleaning

## SPECIFICATIONS

Measurement	Gamma 1		Gamma 2		Gamma 3	
	<u>MIN</u>	<u>MAX</u>	<u>MIN</u>	<u>MAX</u>	<u>MIN</u>	<u>MAX</u>
Tilt-in-space (prone / recline)	15° Prone	25° Recline	15° Prone	25° Recline	15° Prone	25° Recline
Seat to floor	320	760	335	760	370	760
Seat length	185	265	220	320	270	370
Lower leg length	170	310	170	360	170	360
Chest width	170	260	170	260	170	260
Back Angle	-15°		-15°		-15°	
Armrest to floor	415	765	440	790	395	780
Tray size	640 x 540	640 x 540	640 x 540	640 x 540	672 x 600	672 x 600
Hip width	160	330	180	330	180	330
Min height	335	335	335	335	340	340
Footprint	550 x 590		550 x 590		550 x 590	
Max weight of child	50 kg		50 kg		50 kg	
Overall product weight	32kg		33 kg		34 kg	

## WARRANTY

Jenx Limited warrants that the goods manufactured by Jenx Limited will be free from defects in material and workmanship for a period of 24 months\* from the date of purchase.

Jenx Limited has sole obligation under this warranty to repair or replace, at our discretion for any part or goods proving defective within the terms of this period. The buyer must provide immediate notice of the claimed defect.

Jenx Limited reserves the right to inspect the part or goods at the buyer's premises.

In the event of an exchange or return, where a certain model under this warranty is discontinued, Jenx Limited reserves the right to replace with a new model of a similar quality and price.

The warranty does not cover the product for repair or replacement due to failure or damage through; abuse, neglect, accident, improper repair, exposure to corrosive or abrasive material, weather, failure to follow care and cleaning instructions or alterations or modifications carried out by any person other than a Jenx Limited authorised person.

\*For purchases placed on or after the 1st January 2006. Previous purchases will have 12 month warranty from date of purchase



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Technical User



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## Main Features

Gamma is an excellent all round seating system. The choice of high-low bases offers children the chance to join in with home & school activities & many of the adjustable supports can be moved out of the way for hoisting or transfers. Adjustable features can be used to create very individual systems so every child can have optimal support leading to increased function. The main features shown relate to both Gamma and Beta the details for the Beta abduction and sandals are shown on pages 16 and 17.



**Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.**



**Never Leave your child unattended while using this product**



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# Making & Using the Adjustments

POSITIONING SUGGESTIONS GIVEN IN THIS SECTION SHOULD BE TREATED AS A GUIDE ONLY. YOU SHOULD ALWAYS CONSULT YOUR THERAPIST OR MEDICAL PRACTITIONER BEFORE USING THIS PRODUCT.

## 45° pelvic strap

### HOW?

Clip the buckle in the centre of the strap to secure your child. The strap length is altered by opening the swiss locks beneath the back the seat Fig 2 and pulling the two straps until the right length is achieved. Always make sure that you pull evenly from both sides and that the buckle stays in the middle of your child and is covered by the fabric pad. This helps to keep them sitting straight and comfortable.

**Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**

Note: Always route this strap under the hip pads



Fig 2



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads.**

### WHY?

The lap strap not only holds your child safely in the seat but also holds their hips in place in the back of the seat. This gives them a stable base for sitting. The position of your child's hips is important as it is the base of their posture. Weight should be evenly distributed on either side and their pelvis should be level and not rotated.

## The back column angle

### HOW?

First loosen the black wing nut Fig 3 and set the back column angle by rotating the large black knob Fig 4. Turning the knob clockwise will make the back column go forwards, turning it anti-clockwise will make the column go backwards. Remember to re-tighten the black wing nut again to lock the back column.

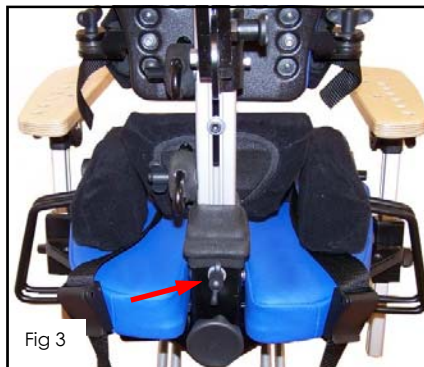


Fig 3

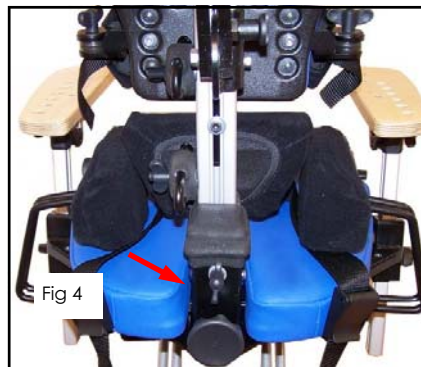


Fig 4

### WHY?

Setting the back angle independently of the seat allows you to control the angle of the hips. For children with an extensor thrust, you have the facility to close the angle and achieve the right posture. For children with low tone however, you can open up this angle to offer more support to their upper body and head.



**Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads.**



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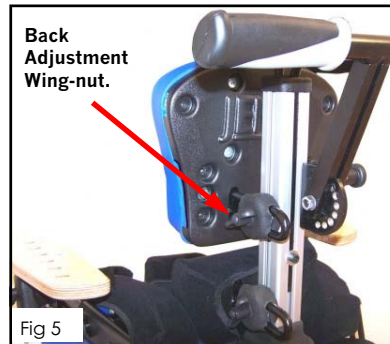
## The Upper Back Pad

### HOW?

The upper back pad can be adjusted by loosening the index clamp Fig 5 with the wing-nut. Set the height, depth and angle as required and re-tighten the clamp.

### WHY?

The upper back pad provides a firm support for your child's back. In conjunction with the lumbar support pad, you can use it to manage the posture of your child and correct any kyphosis or extension.



**Note: do not loosen the index clamp by more than 2 full turns as this may cause the index clamp to detach from the chair. After tightening the index clamp, move the adjustment to check that the teeth have locked together securely. If not, tighten further.**

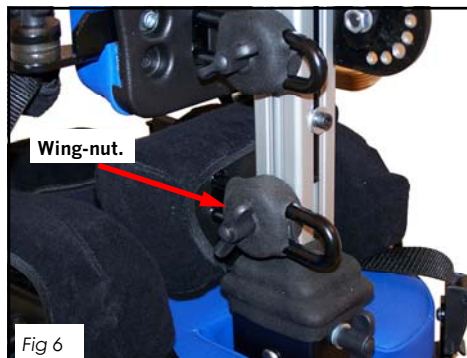
## The Lumbar Support Pad

### HOW?

The lumbar support pad can be adjusted by loosening the clamp with the Wing Nut as shown in Fig 6. Set the height, depth and angle as required and re-tighten the clamp.

### WHY?

The lumbar support pad helps to support and maintain the correct position of the pelvis. By making sure that this pad is set correctly your child's posture can be managed more effectively.



## Castors

This product is supplied with four Double Locking Castors. The locking mechanism stops the castors from turning or swivelling. When all four castors are in the locked position this secures the chair from unintended roll or movement. To lock the castors gently push the lever down with your foot or hand Fig 7. To release the castors simply lift the lever. Fig 8.



**Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.**



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## Height Adjustment

The 'Y' base Gamma is fitted with a hydraulic lifting unit. To raise the chair, pump the foot pedal several times. Fig 9. When the chair reaches the highest position the foot pedal can still be depressed but the chair will not raise. Fig 11.

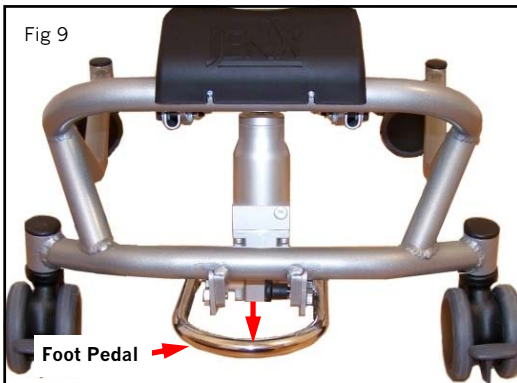


Fig 9

Foot Pedal



Fig 11

To lower the chair, lift the foot pedal and hold. When the chair reaches the desired height release the pedal. Fig 10. The lowest position is shown in Fig 12.

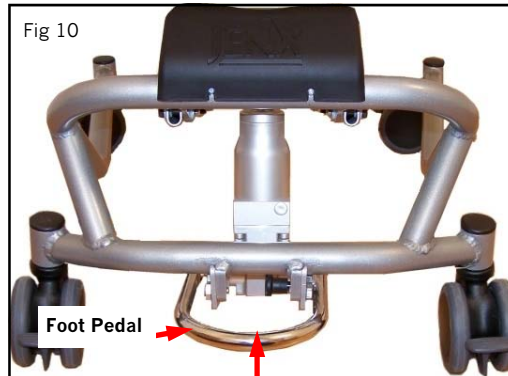


Fig 10

Foot Pedal



Fig 12

### Pedal safety Lock

The pedal is fitted with a safety lock to prevent inadvertent use. Fig 13. To unlock the pedal, move the pedal until the safety lock can easily be pulled out and twist to open. To lock the pedal, twist the knob and move the pedal until it clicks into place. Do not try to raise or lower the chair while the lock is in place.

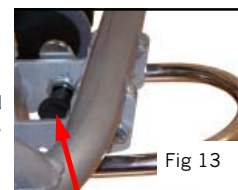


Fig 13

Pedal Safety Lock



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## Tilt-in-Space

### HOW?

To alter the angle of the chair, lift the lever underneath the left side of the seat and set the chair to the required position. Fig 14. Releasing the lever will lock the chair in that position. Tilt-in-space keeps the child's position exactly the same within the chair.

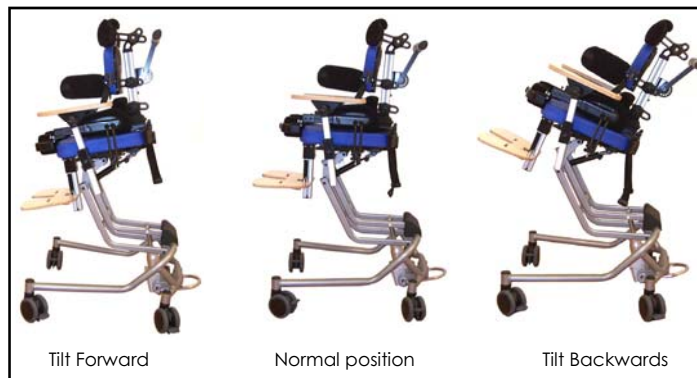


Fig 14

### WHY?

By altering the position of your child in space, you can help them to perceive the environment that surrounds them in different ways and thereby help their cognitive development. By putting the chair into prone you may improve your child's head control and arm function.

Fig 15



## The Seat Depth

(Not available on Beta)

### HOW?

Loosen the two black wing nuts underneath the seat. Fig 16. Slide the seat to the required position and re-tighten the wing nuts securely.

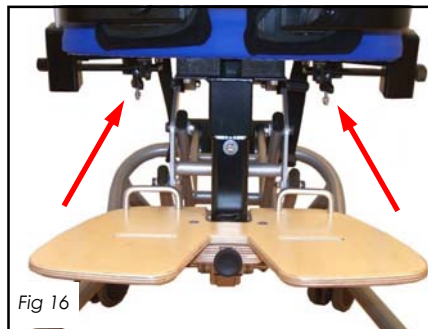


Fig 16

### WHY?

Set the seat depth to suit the child's upper leg length. Ensure there is some space between the back of the knee and the front edge of the seat so that the sitting position is comfortable. As the child grows, adjust the seat depth accordingly.



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## The Hip Pads

### HOW?

The width and angle of the hip pads can be adjusted by loosening the wing nut underneath the seat. Fig 17.

### WHY?

The width of the hip pads should be set depending on the size of your child. The angle of these pads will help to keep your child's hips in a position with the correct amount of abduction or adduction.



Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.



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# Beta Abduction

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## Beta Size 1

### The abduction seat

#### HOW?

Loosen the four bolts that hold the two halves of the seat in position Fig 17a. Pull the two halves of the seat apart until the desired position is reached and then tighten the bolts securely. Each abduction side can achieve different angles of abduction for each hip.



Fig 17a

## Beta Size 2 & 3

### The abduction seat

#### HOW?

Loosen the two bolts that hold the two halves of the seat in position Fig 17b. Pull the two halves of the seat apart until the desired position is reached and then tighten the bolts securely. A feature of Beta is that the abduction is independent, enabling different angles for each hip.

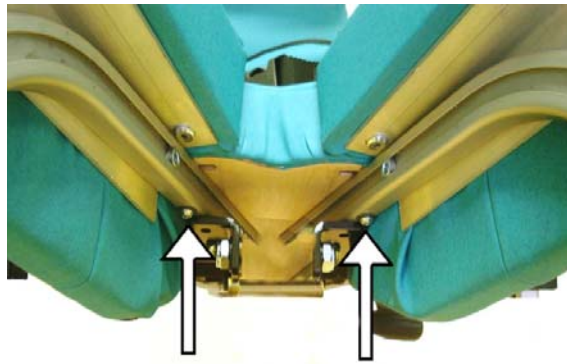


Fig 17b

#### WHY?

Sitting in an abducted position encourages a child's hips into a position which not only provides a secure base but also a position where the growth of the hip will be towards a better shape for both the head of femur and the acetabulum. This is very important where a child has, or is developing, a deformity of the hip on one side. In a child with a windswept deformity you may wish to increase the angle on the side where the child normally adducts to encourage the abduction of the hip.

Take care that you correct any rotation of the pelvis or spine when positioning the child. Abduction can also be used to break spastic pattern in the legs and give a child a chance to sit without spasm causing their legs to "scissor" across one another. A wide, comfortable base also gives better balance, confidence and therefore function in sitting.

Do not tilt the child's pelvis too far forward in sitting as this will encourage an increased lordosis and will not have the desired beneficial effect on their general posture and muscle tone. Many children with spasm find that they are able to sit with less firm trunk support once they are released from the effects of the spasm in their legs.



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# Beta Sandals

POSITIONING SUGGESTIONS GIVEN IN THIS SECTION SHOULD BE TREATED AS A GUIDE ONLY. YOU SHOULD ALWAYS CONSULT YOUR THERAPIST OR MEDICAL PRACTITIONER BEFORE USING THIS PRODUCT.

## The footplates & sandals

### HOW?

To set the height and angle of the footplate, loosen the clamp shown in Fig 17c with the Allen key, set the footplate to the required position and re-tighten the clamp. By loosening the wing nut underneath the sandal as shown in Fig 17d you can position the sandal anywhere on the surface of the footplate and you can also rotate it to any angle.



Fig 17c



Fig 17d

### WHY?

You can set the footplate and sandals to suit your child's specific therapeutic needs. You can create plantar flexion / dorsi flexion, internal and external rotation and thereby correct the position of the feet.



Do not loosen the bolt in Fig 17c by more than 2 full turns as this may result in the footplate becoming detached from the chair.



Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.



**Never Leave your child unattended while using this product**



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## Optional Components

### Making & Using the Adjustments

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#### **Multi-grip™ Headrest *HOW?***

Remove the towelling cover to reveal the Allen cap bolts. Fig 18. Using the Allen Key provided loosen the bolts, then use your hands to create the contour you want. Tighten to finger tight only. These fingers can be re-contoured as often as you like to vary the support offered. These “fingers” make it easy to cradle the child’s head. Take the time to practise with the “fingers” to create a contour as individual as each child.

The position and angle of the headrest can be adjusted using the wing nut shown in Fig 19. loosening the wing nut enables the headrest to move forward, backwards, up and down as well as achieving angled positions.

The height of the headrest can be adjusted by loosening the cap screw shown in Fig 20. Using the Allen key supplied loosen the screw adjust to desired height and retighten the screw to finger tight only.

If the Headrest Height Adjustment Screw is obscured by the handlebars, using the Allen key loosen the handlebars and move out of the way, adjust the headrest and then reposition the handle bars and tighten.

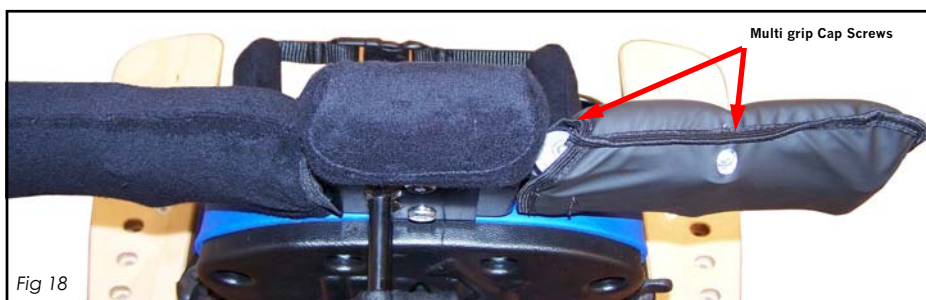


Fig 18

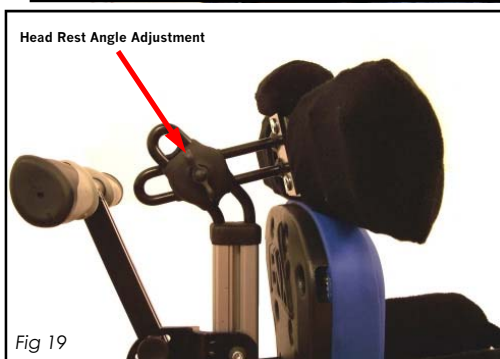


Fig 19

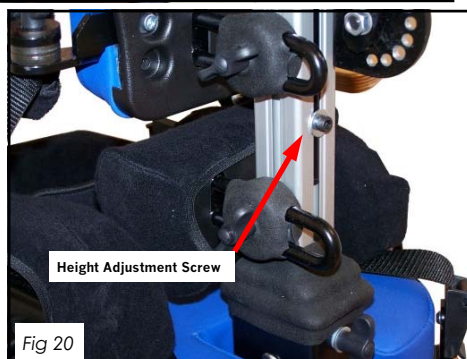


Fig 20

#### **Multi-grip™ Headrest *WHY?***

The headrest should be positioned to support the child’s head. For children with good head control, straighten out the multi-grips to provide a fairly smooth back surface. Never use the headrest to force a child’s head into position as this will cause discomfort and can trigger reflexes which will result in poor posture. The unique Multi-grip™ supports can be moulded to the shape of the child and can be splayed at the end to support under the child’s chin.

**⚠ Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.**

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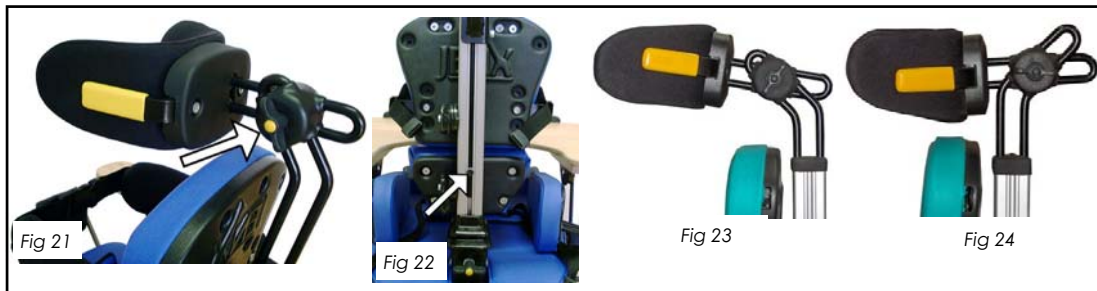
### Standard Headrest *HOW?*

To angle the headrest up or down and to move it forwards and backwards, loosen the wing nut shown in Fig 21. Adjust as necessary and re-tighten.

The shape of the headrest can be altered by adjusting the 2 bars with the yellow ends; loosen the screw at the back of the pad, slide the bar to the required position and re-tighten the screw.

If you need more height for the headrest, loosen the Allen cap screw with the Allen key provided as shown in Fig 22, raise the headrest to the desired height and re-tighten the screw.

If required, the headrest assembly can be removed, rotated 180° and replaced to give greater flexibility with forwards/backwards movement see Fig 23 to 24 for alternative position. The screw shown in Fig 22 will need to be completely removed in order to do this. Once rotated loosen the wing nut in Fig 21 and flip the headrest pad around so that it faces forward. It can also be removed altogether if necessary.



### *WHY?*

The headrest should be positioned to stop the child's head from falling by giving it control from the side and back. For children with good head control you may wish to remove the headrest altogether. If the child's head tends to turn to one side you may only need to use one half of the headrest and leave the other side more open.



Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.



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## Making & Using the Adjustments

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### Flip-Up Footplate (Not available on Beta)

The footplate flips up, when in the vertical position it is held in place by magnetic disc. Fig 25.  
For footplate angle adjustment turn the knob in the centre of the footplate. Fig 26.  
For height adjustment use the Allen key provided, loosen the bolt. Set to desired height and tighten. Fig 26.

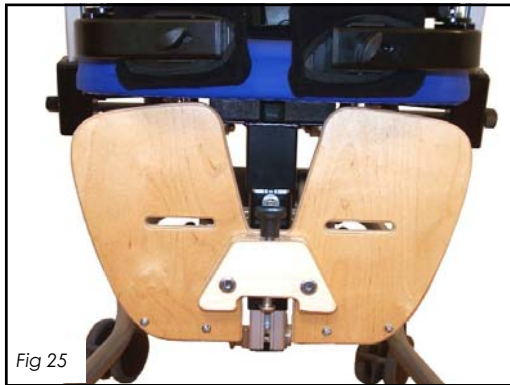


Fig 25

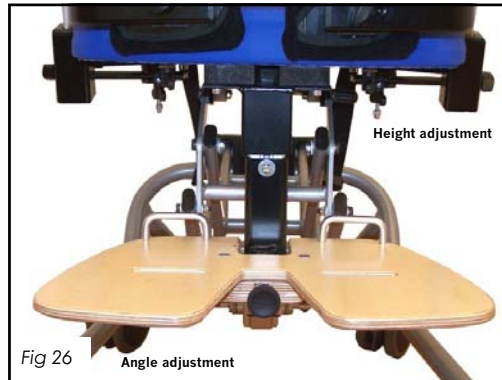


Fig 26

### Two Piece Footplate & Sandals (Not available on Beta)

#### HOW?

To set the height and angle of the footplate, loosen the clamp shown in Fig 27 with the Allen key, set the footplate to the required position and re-tighten the clamp. By loosening the wing nut underneath the sandal as shown in Fig 28 you can position the sandal anywhere on the surface of the footplate and you can also rotate it to any angle.

If the footplates are not required they can be flipped up out of the way by pulling the lever Fig 29 and lifting the footplate upwards.



Fig 27



Fig 28

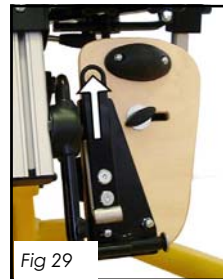


Fig 29

#### WHY?

You can set the footplate and sandals to suit your child's specific therapeutic needs. You can create plantar flexion and dorsi flexion, internal and external rotation and thereby correct the position of the feet.



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# Optional Components

## Making & Using the Adjustments

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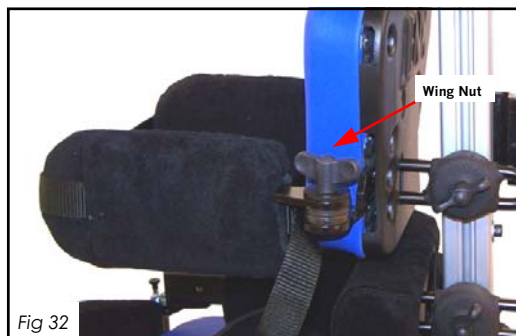
### Flip-Away Thoracic

The flip away thoracic has three main areas of adjustment:

**The chest strap:** this can be adjusted to compensate for changes of user or changes of clothing. **The Snap Buckle needs to be central to the child,** Fig 30. Fasten the snap buckle by inserting the male clip into the female clip. Ensure the strap is always fastened when thoracic pads are used. To tighten the strap, pull the towelling cover forward to reveal the cam-lock Fig 31. Firstly position the child and then using both cam-locks together adjust to desired position, ensure a finger's gap between the strap and the child. Ensure two fingers gap between the thoracic and arm pit.

**Angle Wing Nut:** The angle wing Fig 32, controls the angle of the thoracic pad this can also give extra width and enable the flip away feature. To use, loosen the wing nut by **two turns only**, do not try to totally unscrew. Move the pad to desired position, if flip-away is needed move the pad to the rear of the back pad to enable transfers. Re tighten the wing nut when desired position is found.

**Height and Width:** these are controlled by a cap head screw. Fig 33. To adjust the height, gently unscrew the cap head screw using the Allen Key provided. Retract the thoracic pad and re-insert to one of the three height positions. Insert the screw and gently line up with the threaded hole. Do not force the screw in, this will damage the product. Select the desired width while the screw is loosened, when position is found tighten the screw to finger tight only.



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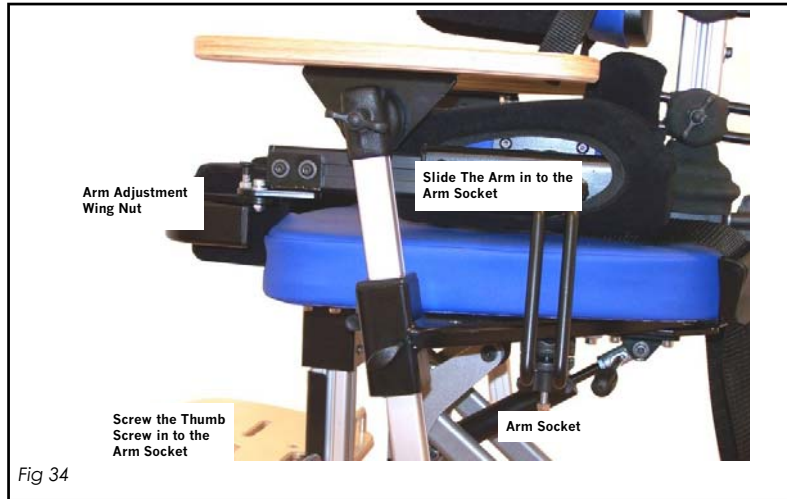
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# Optional Accessories

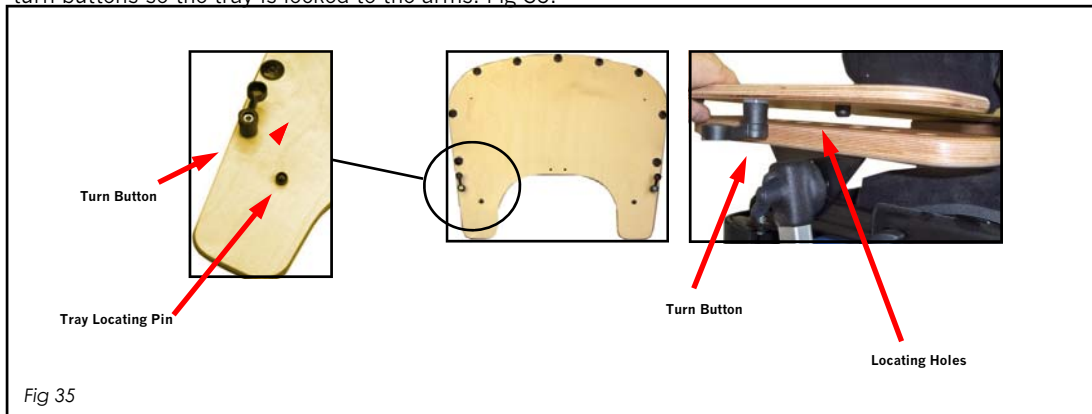
## Tray and Tray Arms


To fit and use the Gamma arms: The arm angle adjustment wing nut faces outwards and the scale to the front. Slide the arm column in to the arm socket. Gently screw the thumb screw in to the threaded hole in the arm socket, set to desired height and finger tighten the screw. Fig 34




## Fitting the Tray

Ensure both arms are level and at the same height, place the tray on the arms with the turn buttons facing down. Locate the tray locating pin to the desired fixing hole on the arm. Ensure both location pins are located in opposite holes to keep the tray level and straight. When the desired position is found twist the turn buttons so the tray is locked to the arms. Fig 35.



 Clear all items from the tray before adjustment.  
**Do not use** hot or cold drinks on the tray while in the angled position.

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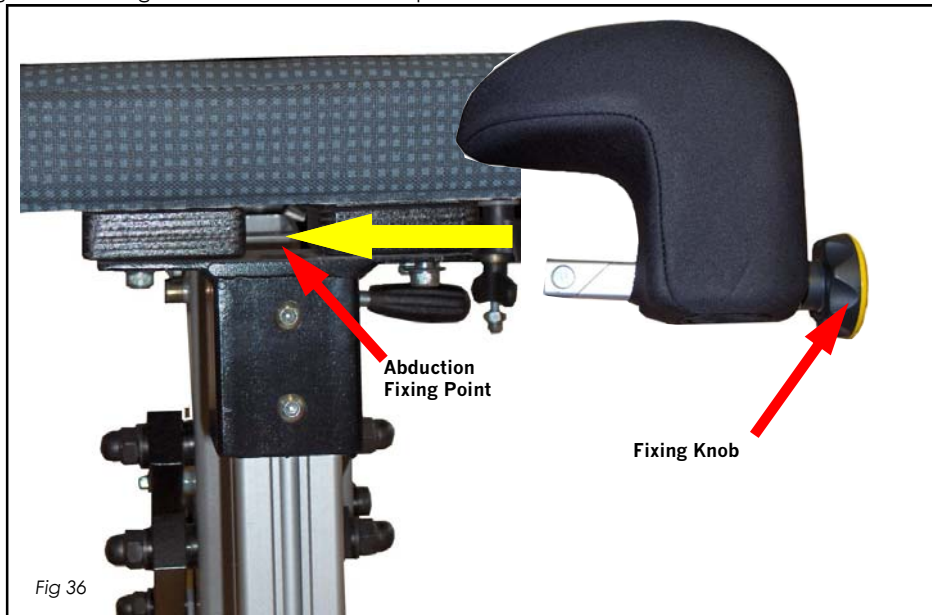
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## Optional Accessories

### Abduction Block (Not available on Beta)

To attach the abduction block. Fig 36 Slide the abduction block in to the fixing slot below the front of the seat. Tighten the fixing knob to hold the block in place.



### The Knee Cups (Not available on Beta)

#### HOW?

To adjust the distance from the chair, loosen the wing nut on the hip pad Fig 37. Slide the knee cup to the required distance and re-tighten. To alter the distance between the knee cups, loosen the wing nut at the front of the knee cup Fig 38 and set the distance required. You can also flip the knee cup totally away to make transferring easier. Simply pull the locking pin upwards and rotate the knee cup to the side of the chair. Fig 40



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GB

Technical User



# Gamma 'Y' Base Instruction For Use

The adjustments contained in the Light Blue Section of this booklet should be carried out by a competent person. Your Therapist will advise of any optional extra attachments that may need adjustment.



Section 1 All Users	Pages 2 - 8 Safety Information
Section 2 Technical User	Pages 9 - 23 Physiotherapist, Occupational Therapist.
Section 3 Home User	Pages 24 - 26 Home or School Carer.
Section 4 Re-Issue	Pages 27 - 31 Stores Personnel.



**Note: Gamma is an Prescribed Medical Device.  
To be used only with the guidance of Therapist or Prescribing  
Practitioner. Please read these instructions carefully before use.**

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## Making & Using the Adjustments



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### 45° pelvic strap

#### HOW?

Clip the buckle in the centre of the strap to secure your child. The strap length is altered by opening the swiss locks beneath the back the seat Fig 1 and pulling the two straps until the right length is achieved. Always make sure that you pull evenly from both sides and that the buckle stays in the middle of your child and is covered by the fabric pad. This helps to keep them sitting straight and comfortable.

**Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**

Note: Always route this strap under the hip pads



Fig 1



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads.**

#### WHY?

The lap strap not only holds your child safely in the seat but also holds their hips in place in the back of the seat. This gives them a stable base for sitting. The position of your child's hips is important as it is the base of their posture. Weight should be evenly distributed on either side and their pelvis should be level and not rotated.

## Castors

This product is supplied with four Double Locking Castors. The locking mechanism stops the castors from turning or swivelling. When all four castors are in the locked position this secures the chair from unintended roll or movement. To lock the castors gently push the lever down with your foot or hand Fig 2. To release the castors simply lift the lever. Fig 3.



Fig 2

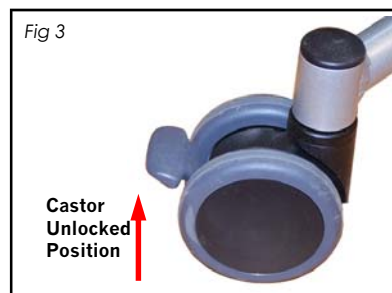


Fig 3



**Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.**



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# Making & Using the Adjustments



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## Height Adjustment

The 'Y' base Gamma is fitted with a hydraulic lifting unit. To raise the chair pump the foot pedal several times. Fig 4. When the chair reaches the highest position the foot pedal can still be depressed but the chair will not raise. Fig 5.

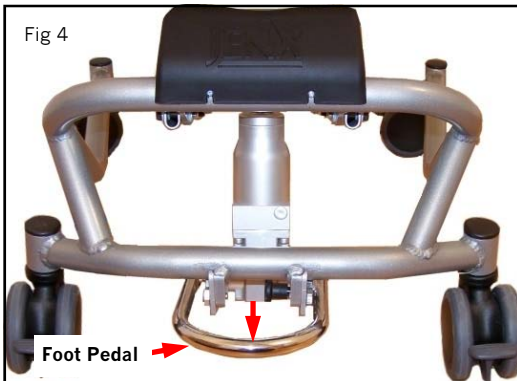


Fig 4

Foot Pedal



Fig 5

To lower the chair lift the foot pedal and hold. When the chair reaches the desired height release the pedal. Fig 6. The lowest position is shown in Fig 7.

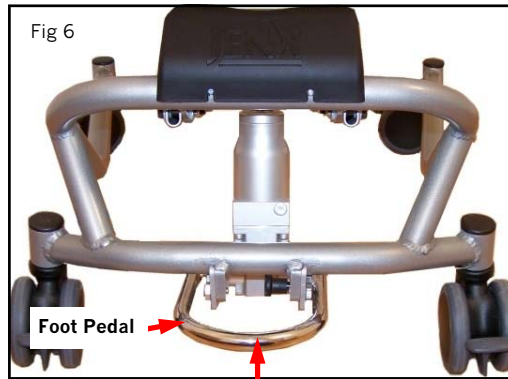


Fig 6

Foot Pedal



Fig 7

### Pedal safety Lock

The pedal is fitted with a safety lock to prevent inadvertent use. Fig 13. To unlock the pedal, move the pedal until the safety lock can easily be pulled out and twist to open. To lock the pedal, twist the knob and move the pedal until it clicks into place. Do not try to raise or lower the chair while the lock is in place.

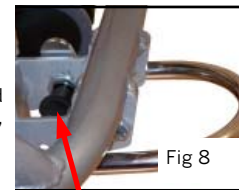


Fig 8

Pedal Safety Lock



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### Beta Size 1

#### The abduction seat

##### HOW?

Loosen the four bolts that hold the two halves of the seat in position Fig 17a. Pull the two halves of the seat apart until the desired position is reached and then tighten the bolts securely. Each abduction side can achieve different angles of abduction for each hip.

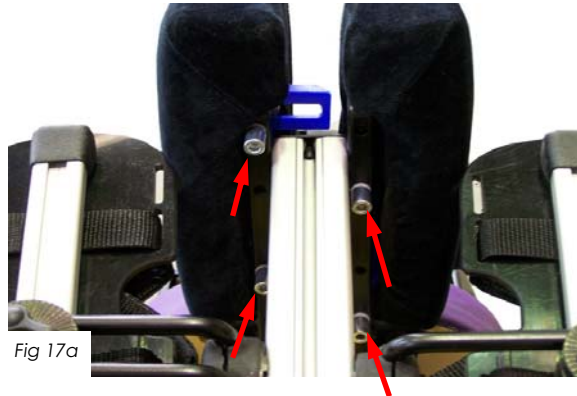


Fig 17a

### Beta Size 2 & 3

#### The abduction seat

##### HOW?

Loosen the two bolts that hold the two halves of the seat in position Fig 17b. Pull the two halves of the seat apart until the desired position is reached and then tighten the bolts securely. A feature of Beta is that the abduction is independent, enabling different angles for each hip.

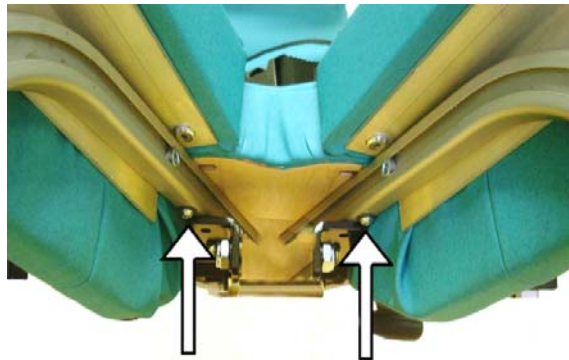


Fig 17b

##### WHY?

Sitting in an abducted position encourages a child's hips into a position which not only provides a secure base but also a position where the growth of the hip will be towards a better shape for both the head of femur and the acetabulum. This is very important where a child has, or is developing, a deformity of the hip on one side. In a child with a windswept deformity you may wish to increase the angle on the side where the child normally adducts to encourage the abduction of the hip.

Take care that you correct any rotation of the pelvis or spine when positioning the child.

Abduction can also be used to break spastic pattern in the legs and give a child a chance to sit without spasm causing their legs to "scissor" across one another. A wide, comfortable base also gives better balance, confidence and therefore function in sitting.

Do not tilt the child's pelvis too far forward in sitting as this will encourage an increased lordosis and will not have the desired beneficial effect on their general posture and muscle tone. Many children with spasm find that they are able to sit with less firm trunk support once they are released from the effects of the spasm in their legs.



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### Tilt-in-Space

#### HOW?

To alter the angle of the chair, lift the lever underneath the left side of the seat and set the chair to the required position. Fig 14. Releasing the lever will lock the chair in that position. Tilt-in-space keeps the child's position exactly the same within the chair.

#### WHY?

By altering the position of your child in space, you can help them to perceive the environment that surrounds them in different ways and thereby help their cognitive development. By putting the chair into prone you may improve your child's head control and arm function.

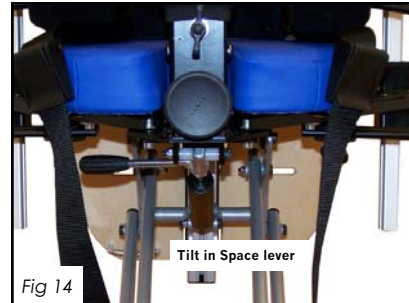


Fig 14

### The footplates (beta)

#### HOW?

The footplate may need adjusting for changes of footwear. Only adjust the height of the footplate to compensate for the thickness of the sole of the child's shoe.

To set the height of the footplate, loosen the clamp shown in Fig 17c with the Allen key, set the footplate to the required position and re-tighten the clamp.



Fig 17c



**CAUTION:** Do not loosen the bolt in Fig 17c by more than 2 full turns as this may result in the footplate becoming detached from the chair.



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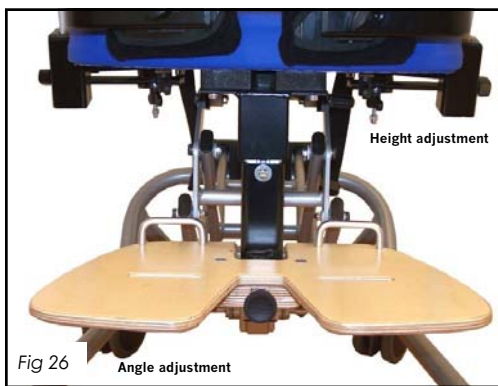
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### Flip-Up Footplate (Not available on Beta)

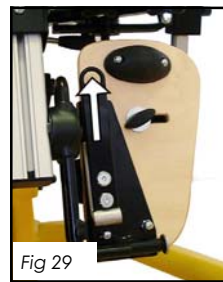
The footplate flips up, when in the vertical position it is held in place by magnetic disc. Fig 25.  
For footplate angle adjustment turn the knob in the centre of the footplate. Fig 26.  
For height adjustment use the Allen key provided, loosen the bolt. Set to desired height and tighten. Fig 26.



### Two Piece Footplate & Sandals (Not available on Beta)




#### HOW?

To set the height and angle of the footplate, loosen the clamp shown in Fig 27 with the Allen key, set the footplate to the required position and re-tighten the clamp. By loosening the wing nut underneath the sandal as shown in Fig 28 you can position the sandal anywhere on the surface of the footplate and you can also rotate it to any angle.  
If the footplates are not required they can be flipped up out of the way by pulling the lever Fig 29 and lifting the footplate upwards.



#### WHY?

You can set the footplate and sandals to suit your child's specific therapeutic needs. You can create plantar flexion and dorsi flexion, internal and external rotation and thereby correct the position of the feet.

-  **Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.**
-  **Never Leave your child unattended while using this product**
-  **Do not use** this product if you suspect it is faulty or broken. Contact Jenx Limited immediately for advice. +44 (0) 114 285 3376

FOR FREE ADVICE ON THE USE OF THIS PRODUCT, PLEASE CONTACT OUR SALES SUPPORT TEAM  
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## Optional Components

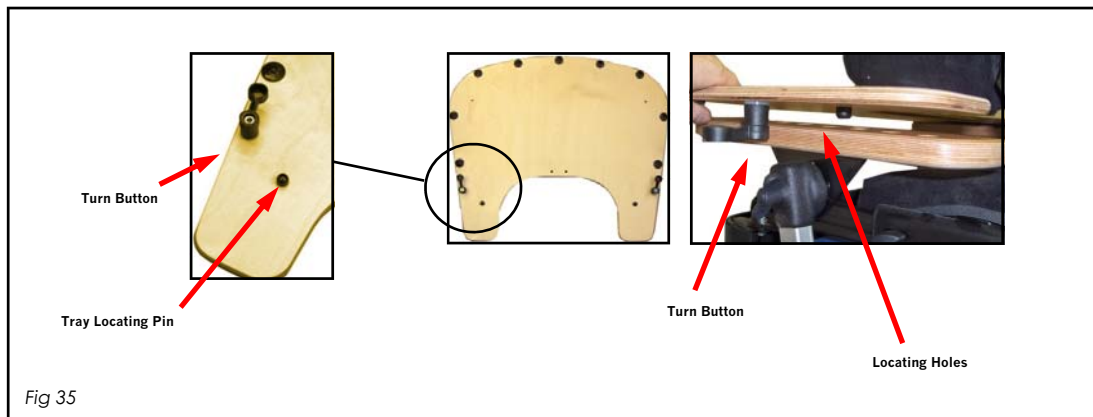
### Making & Using the Adjustments



Your Therapist has set the adjustments for this product to suit your child. The adjustments given in this section are to aid the daily use only. Your therapist will make any adjustment necessary. **Do not make any other adjustment.**

#### Fitting the Tray

Ensure both arms are level and at the same height, place the tray on the arms with the turn buttons facing down. Locate the tray locating pin to the desired fixing hole on the arm. Ensure both location pins are located in opposite holes to keep the tray level and straight. When the desired position is found twist the turn buttons so the tray is locked to the arms. Fig 35.



#### The Knee Cups (Not available on Beta)

##### HOW?

To flip the knee cup totally away to make transferring easier. Simply pull the locking pin upwards and rotate the knee cup to the side of the chair. Fig 40



Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.



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## Optional Components

### Making & Using the Adjustments



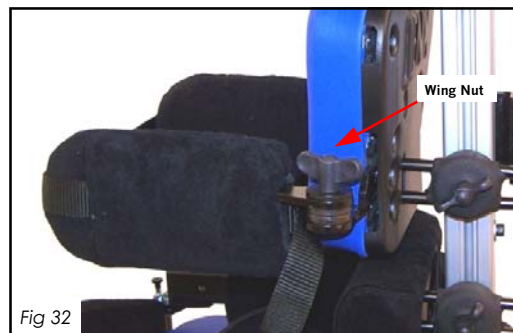
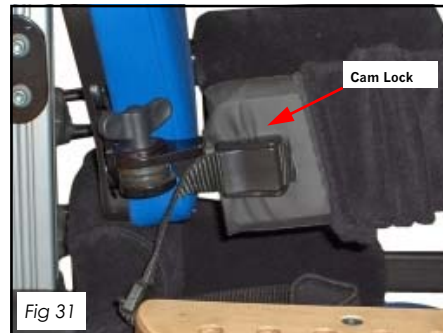
Your Therapist has set the adjustments for this product to suit your child. The adjustments given in this section are to aid the daily use only. Your therapist will make any adjustment necessary. **Do not make any other adjustment.**

#### Flip-Away Thoracics and chest strap

The flip away thoracic has three main areas of adjustment:

**The chest strap:** this can be adjusted to compensate for changes of user or changes of clothing. **The Snap Buckle needs to be central to the child**, Fig 30. Fasten the snap buckle by inserting the male clip into the female clip. Ensure the strap is always fastened when thoracic pads are used. To tighten the strap, pull the towelling cover forward to reveal the cam-lock Fig 31. Firstly position the child and then using both cam-locks together adjust to desired position, ensure a finger's gap between the strap and the child. Ensure two fingers gap between the thoracic and arm pit.

**Angle Wing Nut:** The angle wing Fig 32, controls the angle of the thoracic pad this can also give extra width and enable the flip away feature. To use, loosen the wing nut by **two turns only**, do not try to totally unscrew. Move the pad to desired position, if flip-away is needed move the pad to the rear of the back pad to enable transfers. Re tighten the wing nut when desired position is found.



**Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.**



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# SERVICELINE

## How does it work?



**You** provide an order to Serviceline for your product



**We** send you packing materials



**You** pack the product and call us when it is ready



**We** send couriers to collect your product and bring it back to Jenx Limited



**We** will give it a full mechanical overhaul including: replacement of any missing **Bolts/Screws/Washers**



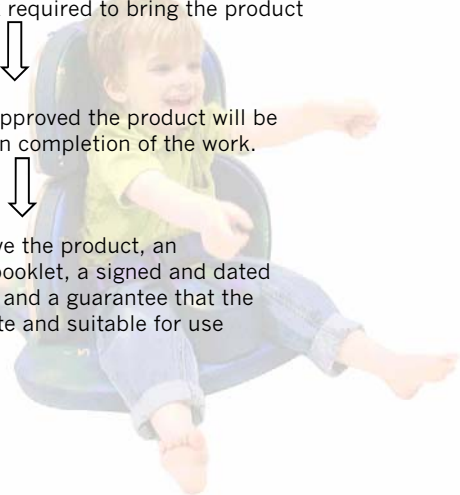
If necessary, we will quote you for any other repairs or replacements that are required. The quote will be broken down into '**Mandatory**' work, which has to be done to make the product safe, cosmetic work, and work required to bring the product to original specification



When the quotation is approved the product will be returned via courier on completion of the work.



You will receive the product, an additional instruction booklet, a signed and dated 'work done' checklist and a guarantee that the product is complete and suitable for use







# Gamma 'Y' Base Instruction For Use

The maintenance contained in the Dark Blue Section of this booklet is to be carried out by competent stores personnel.  
Fitting and adjustments have not been included in the section if needed refer back to the Red Technical User section.



Section 1 All Users	Pages 2 - 8 Safety Information
Section 2 Technical User	Pages 9 - 23 Physiotherapist, Occupational Therapist.
Section 3 Home User	Pages 24 - 26 Home or School Carer.
Section 4 Re-Issue	Pages 27 - 31 Stores Personnel.



**Note: Gamma is an Prescribed Medical Device.  
To be used only with the guidance of Therapist or Prescribing Practitioner. Please read these instructions carefully before use.**

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## INSPECTING AND RE-ISSUING

Jenx Limited products are usually assessed for an individual client therefore the following points must be adhered to prior to re-issuing of any Jenx products.

1. Check with issuing Therapist that the Product is standard and no Special attachments or modifications have been made.  
If modifications have been made contact Jenx Limited for advice.
2. Check that the product has been fully cleaned, taking into account the condition of the fabric and the foam inside.
3. Check that all hand wheels and levers are in good condition and fitted securely.
4. Check the product and any accessories fully for any sign of wear and tear, or distortion.
5. Check that all the functions of the product are working correctly e.g. tilt, height adjustment or back recline, etc
6. Always ensure that the Instruction for Use booklet stays with the product and is passed onto the new user. For new sets of instructions please contact our Sales Support Department on 0114 285 3376 or visit [www.jenx.com](http://www.jenx.com)
7. If the product is being delivered, always ensure that the product is packed securely.

Follow the inspection guide on the opposite page.

Fill in the Inspection/Check Sheet to record all services and repairs to the product. Use extra pages if required, extra sheets are available from Jenx Limited website. [www.jenx.com](http://www.jenx.com)

Consider Jenx **ServiceLine** as an alternative to in house maintenance and repair prior to reissue. Details are included in this booklet.

# INSPECTING AND RE-ISSUING

Stores should follow the Medicines and Healthcare products Regulatory Agency (MHRA) guidelines for the recording, issuing, servicing or repairing of products in their charge. Check the MHRA website for the latest bulletins, [www.mhra.gov.uk](http://www.mhra.gov.uk)

## 1. Structure

Is the product Structurally sound, no wobbles or lose parts?

## 2. Safety

Is the product Safe and fit for use?

## 3. Straps

Are the Straps in good condition and not showing signs of wear?

## 4. Stability

Is the product Stable on an even surface, no rocking?

## 5. Screws, Nuts and Bolts

Are there Nuts and Bolts missing or damaged?

## 6. Swivels, castors

Are the Castors in good order? Do Swivels and Brakes work?

## 7. Springs

Do all gas Springs work and hold pressures and weight?

Test by weighting the product with the maximum user weight at the maximum height setting and leaving for one hour.

## 8. Sandals

Are the Sandals in good condition? Do straps and Velcro show no signs of wear?

## 9. Seats, Backs and Upholstery

Is the Upholstery in good clean condition with no rips, wear or gaping of the cushions?

## 10. Steel and Wood Work

Is the Steel and Wood Work in good order? Check for bends splinters or breaks.

If there is any doubt about the safety of a Jenx Limited product, do not hesitate to contact our Sales Support Department for advice.

# SERVICELINE

## What is Serviceline?

Serviceline is the answer to the re-issue question, giving extra life to products from user to user guaranteed.

## What are the benefits of the Serviceline Package?

Products re-issued through Serviceline will receive a further guarantee, along with a certificate of re-issue. This means that the pressure upon Loan Stores to guarantee that the products re-issued are safe is removed by gaining the original manufacturer's certified approval for re-use.

To maintain our high level of service and ensure all products conform to our stringent quality systems, products returned to Serviceline must have a clearly visible batch number.

All Serviceline products are returned to Jenx for thorough tests and inspections that include: Structure, Mechanics, Mobility, Upholstery and Fixings.

If inspection shows missing or broken parts other than those covered by the Serviceline package as shown below, we will submit a quotation for approval to cover the extra work.

Jenx Limited is committed to providing a prompt service via Serviceline and asks that customers approve quotations rapidly to ensure return of a product within 10 working days. When the work is completed the product will be returned with the new guarantee.

Prices are available on request  
**(Inspection, testing, replacement of missing fixings, six month guarantee)**

Example of quoted items, not covered by the Serviceline package:  
Wood or steel structure, Gas springs, castors, upholstery and covers, pads and supports

## Please note:

- **For Safety and Hygiene, Products must be cleaned before they are returned to Jenx Limited.**
- **We cannot collect from private addresses.**
- **Products over 10 years old are not covered by Serviceline.**