

## OWNER'S MANUAL

*PRODUCT PHOTO  
PARTS LIST  
ASSEMBLY INSTRUCTIONS  
FITTING & ADJUSTING  
DAILY USAGE  
ACCESSORIES  
MAINTENANCE  
WARRANTY*

# Prime Engineering Superstand

Manufactured By

**Prime Engineering**

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Congratulations on your selection of the ***Superstand*** Standing System for your standing needs. This unique, multi-position stander allows you to choose the right approach to address your standing requirements. Converting the positioning system to PRONE, SUPINE OR UPRIGHT is quick and easy without tools. All padded supports have a wide range of individual adjustment allowing you to get an **exact fit** for proper standing and positioning **comfort** encouraging both frequent and extended use.

Your ***Superstand*** accommodates growth from 26" to 48" in height and up to 150lbs. in weight. Custom growth and size modifications may be available. For more information on adjustments outside of our standard ranges, please contact your dealer or you may contact us directly at 800-827-8263

Note: Carefully read **all** instructions and notes before assembling or using your ***Superstand***.

Stand with us for good positioning, posture and increased function...every day...you deserve the best health standing can offer!

This owner's manual is organized into the following sections:

1. Product Photo and Specifications
2. Parts List
3. Assembly Instructions
4. Fitting & Adjusting
5. Daily Usage
6. Accessories & Replacement Parts
7. Maintenance and Warranty

In addition, we have enclosed a number of Notes to help you in assembling and using your ***Superstand***. We want to do everything we can to insure your comfort and safety.

We've designed the ***Superstand*** for easy assembly. Each ***Superstand*** is pre-assembled at Prime Engineering to insure that everything works properly. If, however, you have any problems or require any further assistance, please give us a call at 1-800-82-STAND.

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# **PRIME ENGINEERING**

## **Superstand**



Client Size: 26" – 48"  
Weight Capacity: 150 lbs.

\*Photos show optional - UPPER EXTREMITY  
POSITIONING TRAY ASSEMBLY and SIZE  
ADJUSTABLE KNEEPADS.

Product Dimensions:  
Base – 40" Long X 21" Wide  
Tray – 22 ½" Deep X 19" Wide  
Tray Cutout – 7 ½" Deep  
Chest Pad – 10" Wide X 8" High  
Hip Pad – 10" Wide X 7" High  
Head Pad – 5" Wide X 2 ¼" High

## **PARTS LIST**

The Superstand comes partially assembled in 1 carton.

### **Carton A contains:**

- 1 - Base with upright post
- 1 - Body support assembly
- 1 - Foot support assembly
- 1 - Head Support
- 1 - Chin support

### **When ordered with optional tray carton B contains:**

Upper Extremity Positioning Tray assembly

# ASSEMBLY INSTRUCTIONS

Set-up and assembly on your Superstand is easy when you follow these directions.

First:

Identify the following parts and components and be sure they are in the carton.

- Base with upright post
- Body support assembly
- Foot support assembly
- Head support and Chin support

Other options: Upper Extremity Positioning Tray;  
Size Adjustable Knee Pads.



Figure 1



Figure 2

Assemble as follows:

**First: Lock all four casters on the base.**

**A. Installing the Body Support Assembly:**

**Warning:** Take care to keep clear of center mast section - it may move into an upright position rapidly when released.

- ▲ To release center mast cut white cable ties that hold it to the base.
- ▲ Depress foot release lever allowing mast to achieve its fully upright position (*Figure 1*).
- ▲ Pull out release ring on Body Support Assembly and slide onto center mast (*Figure 2*).
- ▲ Locate center mast height by allowing release ring to drop into the appropriate hole for the height of the client.

# ASSEMBLY INSTRUCTIONS (Continued)



Figure 3

## B. Installing Knee Support Assembly:

- ▲ Remove the adjustment knob from the clamp on back of the Knee Support Assembly.
- ▲ Fasten Knee Support Assembly to the center mast with the 2-piece clamp and reattach the adjustment knob (*Figure 3*).

## C. Install Foot Assembly:

- ▲ Loosen large ratchet knob on adjustment block of Foot Assembly.
- ▲ Slide onto silver foot assembly receiver tube and secure with ratchet knob (*Figure 4*).



Figure 4

## D. Install Head Support/Chin Support:

- ▲ Slide appropriate support pad (Head Support for supine/Chin Support for prone) into receiver tube at top end of Body Support Assembly and secure with T-knob (*Figure 5*).

## E. Attaching Lateral Supports:

- ▲ Fasten lateral support brackets to backside of support pads with small black knobs provided (*Figure 6*).

- F. Superstand assembly is complete and ready to be adjusted for use.



Figure 5

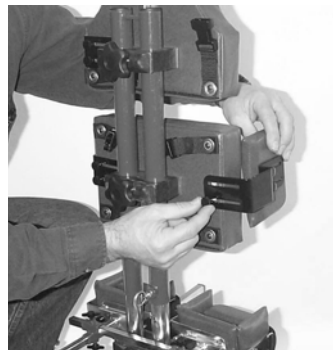


Figure 6

# FITTING AND ADJUSTING YOUR Superstand

**WARNING: CONSULT YOUR PHYSICIAN OR THERAPIST.** This Superstand is to be used ONLY with the approval and advice of a Physician or Therapist. Standing may cause medical complications in some individuals. Consult with your Physician or Therapist before standing. Be certain that there are no functional restrictions that might prevent the use of this product.

Your *Superstand* will allow you to choose prone, supine or upright standing. Your physician or therapist will recommend which approach, will be the most appropriate. With our "no tools" approach you are able to set the positioning pads in the necessary configuration(s) or quickly convert to a different standing configuration as needed.

MAKE ALL ADJUSTMENTS BEFORE PLACING THE CLIENT IN THE *SUPERSTAND*. NEVER ADJUST THE PADS WHILE THE STANDER IS IN USE.

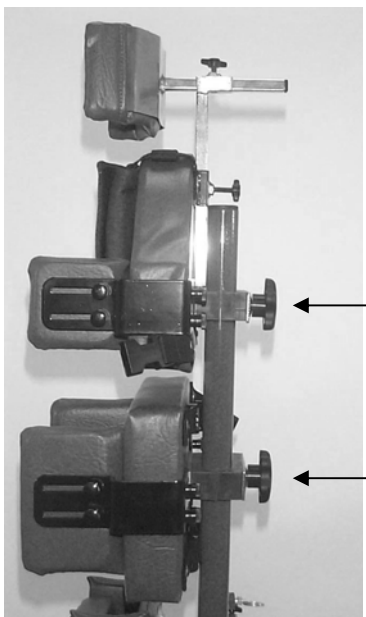


Figure 7

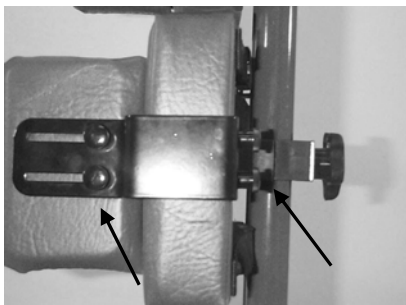


Figure 8

## Positioning Pads

***Chest and Hip Support Pads:*** Perform individual adjustments for height up or down on the center mast by loosening the large black adjustment knob on the back of each pad and sliding the pad to the position desired (*Figure 7*). Lateral supports can be adjusted by loosening the small black adjustment knobs on the back of the lateral support bracket. Slide the brackets to a narrower or wider setting securing the child's side-to-side stability and position. Lateral supports can be depth adjusted by loosening the small black adjustment knobs on the side of the bracket and sliding the pad front or back to the desired position (*Figure 8*).

## FITTING AND ADJUSTING YOUR Superstand (Continued)

***Knee Support Pads:*** Adjust the Knee Support Pads by loosening the large black adjustment knob on the back of the Knee Support Assembly and sliding the assembly up or down on the center mast (*Figure 9*). Individually adjust for each kneepad width or depth by loosening the T-knob on the side you wish to adjust (*Figure 10*). Position the pad front-to-back or side-to-side to accomplish proper (straight) alignment of the lower extremities.

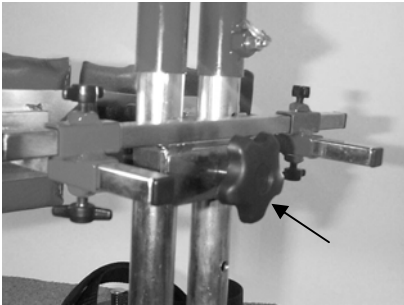


Figure 9

***Head Support/Chin Support Pads:*** When positioning the child in the supine position, slide the Head Support Pad into the bracket at the upper end of the chest pad and set to the desired height (*Figure 11*). While in prone positioning, the Chin Support Pad can be interchanged with the head support and set to the desired height.

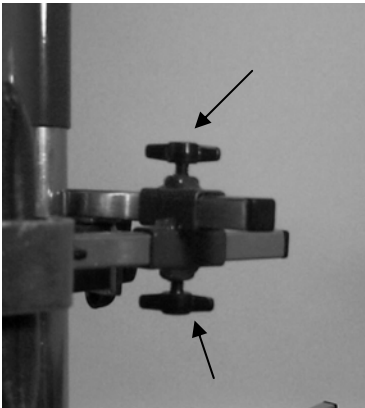


Figure 10

BE SURE TO SECURELY TIGHTEN ALL  
ADJUSTMENT KNOBS BEFORE PLACING THE  
CLIENT IN THE STANDER.



Figure 11



# FITTING AND ADJUSTING YOUR Superstand (Continued)

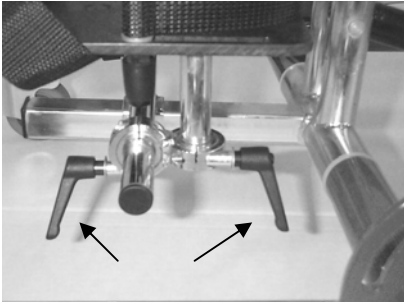


Figure 12

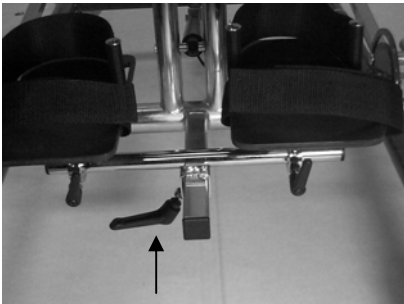


Figure 13

## Foot Support System

The Foot Support System is individually adjusted in height and width with the ratchet knobs found on each side of the system (*Figure 12*). Slide the foot support up or down or side-to-side to the desired position maintaining proper alignment for the lower extremities. These same ratchet knobs allow for individual angle setting of each foot support pad for planter or dorsi-flexion plus toe in and toe out. Front-to-back adjustment is performed by loosening the ratchet knob on the underside of the assembly and sliding the assembly to its desired position (*Figure 13*).

Heel loops and Velcro-adjustable toe straps secure the placement of the feet on the support platforms. The entire Foot Support System is reversible on the center mast, accommodating either prone or supine positioning.

## Support Straps

***Chest Support Harness:*** Place this harness around the upper torso of the child once placed in the stander and attach with the Velcro closure. Each strap of the chest harness can be additionally adjusted through the buckles supplied on each strap. This support can be completely removed by squeezing the quick release buckles on each strap.

***Hip Support Strap:*** Place around the buttocks of the client while in the prone position or across the pelvis of the child while in supine. Secure to the Hip Support Pad with the buckle and loosen or tighten for a comfortable, supportive fit.

## FITTING AND ADJUSTING YOUR Superstand (Continued)



Figure 14

***Knee Straps:*** Velcro adjustments are fast and easy for comfort and support.

### **Upper Extremity Positioning Tray (optional)**

This multi-functional tray has individual height, angle and depth adjustments. Positioning of the entire tray assembly may be adjusted by loosening the large silver T-knobs on each side near the base and rotating the assembly to the desired angle/depth setting (*Figure 14*). Height of the tray can be adjusted by loosening the large black adjustment knobs in the middle of the tray support arms and sliding the tray up or down to the desired height (*Figure 15*). The angle of the tray top can be adjusted by loosening the large black knob located beneath the tray surface and rotating the tray to the desired angle (*Figure 16*).

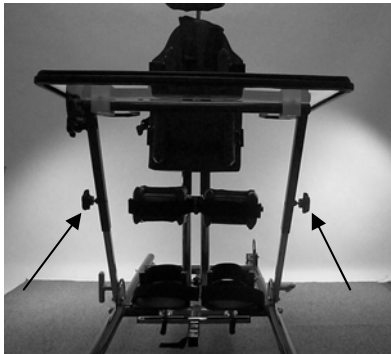


Figure 15



Figure 16

### **Positioning System Angle Adjustment**

The angle of the complete positioning system can be set at an adjustment from 10 to 90 degrees from horizontal. While holding onto the top of the center mast, depress the foot pedal found on the base of the stander and move the mast to the desired angle (*Figure 17*). To secure the angle adjustment, slide the "lock-out" under the foot pedal as far as it will go and leave in-place until you wish to change the angle of the positioning system.

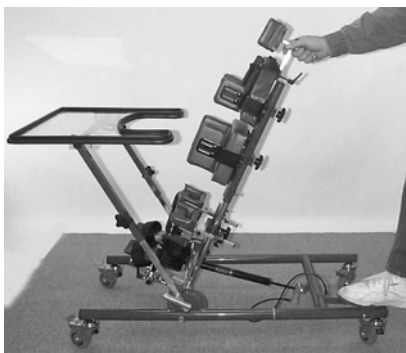


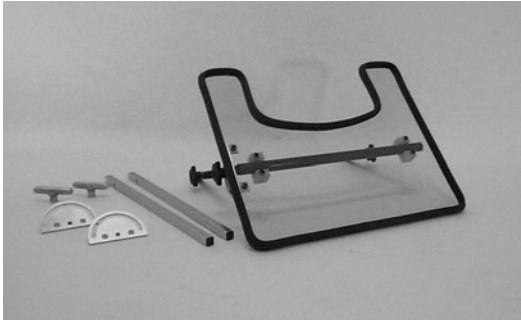
Figure 17

BE SURE ALL ADJUSTMENTS AND KNOBS ARE TIGHTENED AND SECURE BEFORE PLACING THE CLIENT IN THE STANDER. NEVER LEAVE THE CLIENT UNATTENDED WHILE IN THE STANDER.

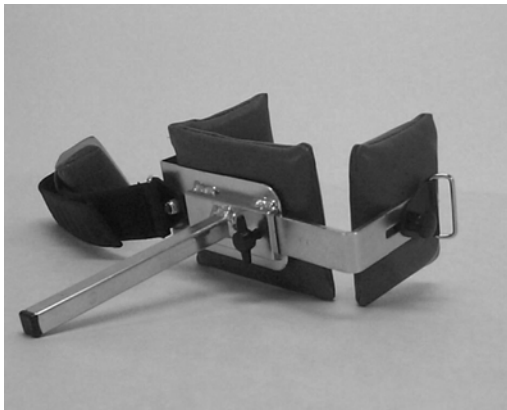
## **FITTING AND ADJUSTING YOUR Superstand (Continued)**

Prime Engineering's goal is to give you the greatest amount of adjustment and flexibility maximizing proper positioning of your client's standing and positioning needs. **Attention to correct alignment, proper support and comfort** are *essential* in accomplishing a successful standing program. Enjoy your Superstand and all the benefits experienced from proper standing and positioning.

## ACCESSORIES



**Upper Extremity Positioning  
Tray Assembly**



**Size Adjustable Knee Pads**

## **GENERAL MAINTENANCE**

1. Periodically insure nuts and bolts are secured properly.
2. Keep moving parts clean for free movement. Superstand DOES NOT require lubrication.
3. Use soft cloth when cleaning table top.
4. DO NOT attempt to make any adjustments while the client is standing in the Superstand.
5. All fabrics should be hand washed with mild soap and water, then allowed to air dry.

**Superstand, Superstand Youth**  
**Limited Warranty**  
Effective January 1, 1999

Warranty coverage is extended to the original purchaser for as long as the original purchaser owns the *Prime Engineering* system. *This warranty is in effect for the Superstand and Superstand Plus (the product) standing frames. Prime Engineering, Inc. ("the Company") shall repair, or replace the Product that fails due to defect in material, or workmanship per the following schedule:*

**Frames:** Lifetime to the original purchaser subject to the following terms, limitations and conditions.

**Gas Shocks:** One year to the original purchaser subject to the following terms, limitations and conditions.

**Straps:** One year to the original purchaser subject to the following terms, limitations and conditions.

**Other Components:** Upholstery, plastic parts, painted surfaces, rubber parts, bearings, casters and other parts not specifically identified above, all of which are warranted against defects in material and workmanship for three months from the original purchase date, subject to the following terms and conditions, and limitations.

**Warranty Conditions.** This warranty shall be in effect from the original purchase date to the consumer. The warranty registration form should be fully completed, signed by the original retail purchaser / user or their agent, and received by *Prime Engineering* at its address set forth on the registration form no later than three months after the original purchase date. Any defective Product shall be delivered to *Prime Engineering*, or its local authorized dealer, at purchaser's expense for warranty inspection. Return freight charges shall be prepaid by *Prime Engineering*. You may contact Prime Engineering at (800) 827-8263 for authorized dealers in or near your location.

**Limitations and Exclusions.** The warranty provided above shall not apply to (a) a serial numbered Product if the serial number has been removed or defaced; (b) any Product subjected to negligence, abuse, misuse, improper operation, maintenance, or storage, or damages beyond *Prime Engineering's* control, as determined by *Prime Engineering*; (c) defects arising from purchaser's failure to follow instructions. *Any Changes or Additions* to the Product of unauthorized parts not manufactured or furnished by *Prime Engineering*. The repair or replacement by *Prime Engineering* for a defective Part or Product shall be purchaser's sole and exclusive remedy under the warranty. Repair labor/service charges are not covered by this warranty and are not the responsibility of *Prime Engineering*.

**The foregoing Warranty is exclusive and in lieu of all other warranties, express, implied, or statutory, including warranties of merchantability and fitness for a particular purpose and design. In no event shall *Prime Engineering* be liable for any consequential or incidental damages.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

**Prime Engineering**

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