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# Symmetry XG Symmetry Youth XG

Advanced Technology Standing System

Manufactured By

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# Symmetry/Symmetry Youth XG

## Advanced Technology Standing System



**Symmetry XG** shown above has **multiple optional items installed**. Your unit may or may not have the items shown or have different features included on it. Picture is for illustration purposes only.

**Caution:** Consult your Physician or Therapist before using the **Symmetry XG** Standing System. DO NOT use the **Symmetry XG** before becoming thoroughly familiar with all the safety warnings and instructions. Consult a Physician or Therapist to determine the proper adjustments for your standing program. Take the time and do it right.

## ***Congratulations on receiving your Symmetry XG Standing System***

This unit has been shipped to you mostly assembled on a pallet and only requires a few minor steps to assemble the unit for use. Most of the remaining steps to complete the unit follow in this manual. If you have items other than what is in this document you should look for individual instructions included along with those items. If you have any questions please contact Prime Engineering at 800-827-8263, **make sure that you have the serial number of your product available when you call.**

**NOTE:** There may be more items than listed here due to the options ordered with your system.

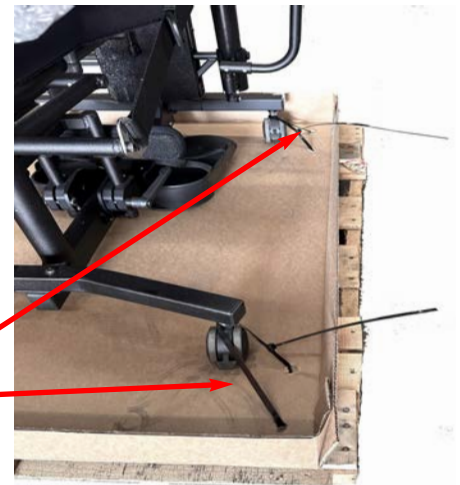
### Pallet shipped ***Symmetry XG*** systems assembly instructions

- 1) Your unit will be mounted directly to a pallet and be wrapped internally as shown in **Figure 1**.
- 2) Cut the heavy plastic ties holding the unit to the pallet as indicated in **Figures 1 and 2**.
- 3) Remove all the shrink wrap and discard it. Unit should look like **Figure 3 below**.



**Figure 1**

**Caution, the wire ties are thick. Cut them carefully. Wire cutters as shown below are the suggested cutting tool.**



**Figure 2**

Carefully remove the bubble wrap that is covering the seat and other accessories sitting on the seat. Remove the bubble wrap (**A**) in **Figure 4**, with caution as it is not only protecting the finish on the unit but also the upholstery. Remove the pump handle assembly (**B**) and unwrap it. After removing the bubble wrap and the handle assembly, loosen the front knob (**C**) by turning it counter-clockwise and pulling out on the knob while lightly pushing down on the tray. That will allow it to raise up to easily access the parts that are shipped on the seat. Once the tray is raised for clearance, remove the items that are sitting on the seat of the unit (**D**). Unwrap the items and set them to the side.



**Figure 3**



**Figure 4**

## Pump Handle

If you have not taken the handle from location “B” as shown in **Figure 5**, remove the handle from its location and remove the bubble wrap. The lower handle will always be on the same side as the hydraulic pump. Loosen the attachment knob “C” at the bottom of the upper handle, then insert the upper handle “B” into the lower handle section “D” as shown in **Figure 6**. After the handle is in place tighten the attachment knob.



Figure 5

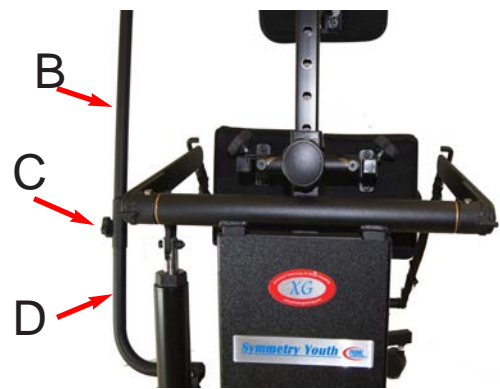
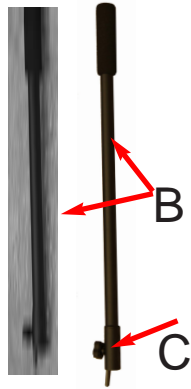


Figure 6

## Installing Back Assembly (Optional item if ordered)

Locate back assembly which is commonly located on the seat of the unit location “E” as shown in Figure 7. Carefully remove the packaging making sure not to cut the upholstery. Locate the lower rear seat bar under the rear of the seat. It may be hanging down like location “F” shows in **Figure 8**. To install the back assembly onto the unit, raise the lower seat bar “F” into a horizontal position as shown in **Figure 9** so that you can align it with the mountings on the back assembly. Position the two mounting tubes “G” and “H” as shown in **Figure 10** and the focus view in **Figure 11**. As shown, the upper tube locking pull pin knob needs to be on the side and the lower tube pull pin knob needs to be facing down when the unit is in its seated position. Completed underseat back mounting assembly is shown in **Figure 12 and Figure 13 on Page 4**.

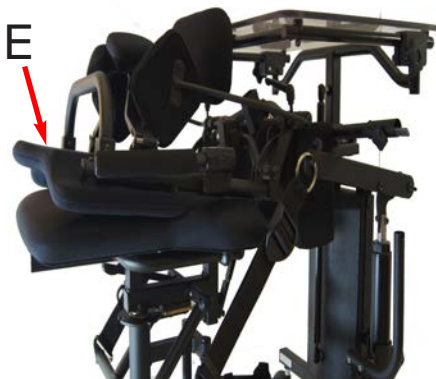


Figure 7



Figure 8



Figure 9



Figure 10

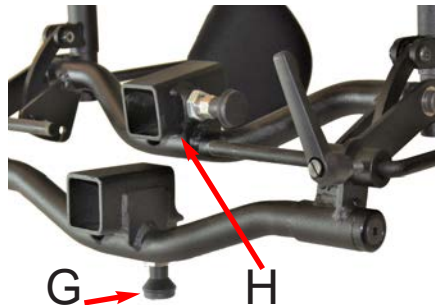


Figure 11  
magnified view

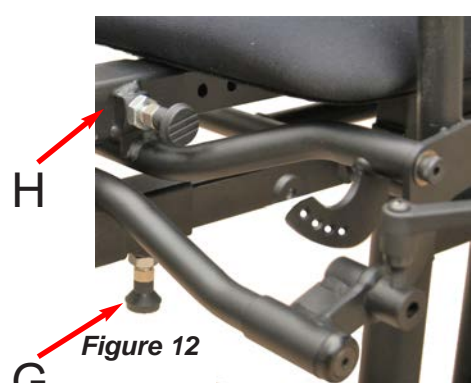


Figure 12

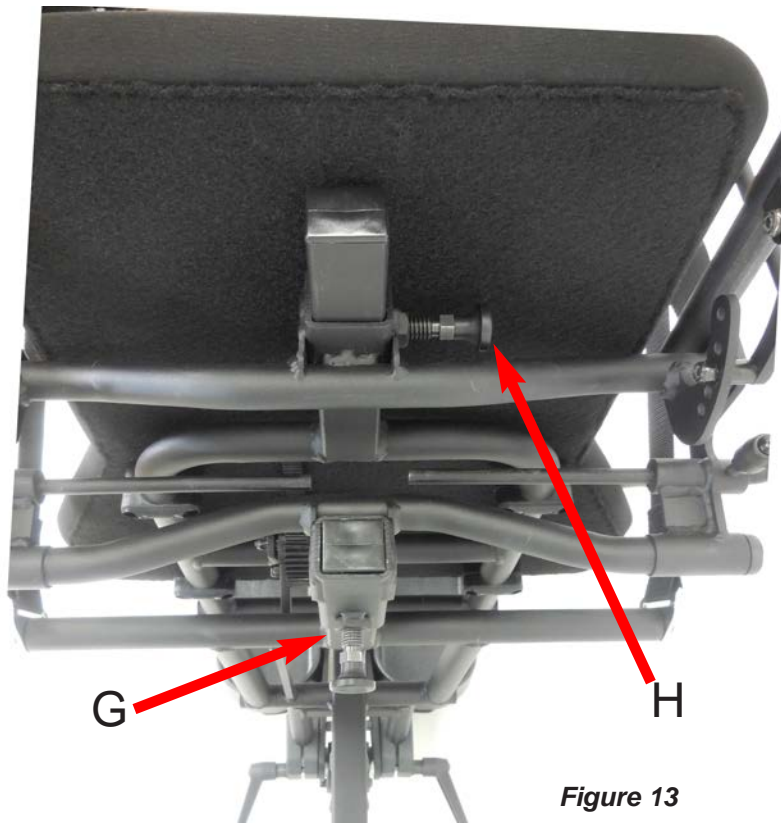


Figure 13

### Adjusting the seat depth

Seat depth adjustment is done by moving the back assembly forward or back by pulling out one of the two plunger knobs as detailed below, moving it to the next location then releasing the plunger. After one is located in its position simply repeat the step with the other plunger knob. **It is recommended to move one location at a time.**

Pull out one of the two knobs, “G or H” as shown in **Figures 11-13.** and move the back until you have it in the desired position. Move one and then the other one to keep the back from binding on the frame. When you have the assembly at the desired location ensure that the pins are in the same location both top and bottom.

**Note:** Doing this adjustment in the original setup should be done without the client in the unit. Seat depth should be adjusted to the clients sitting depth prior to transferring the client.

**Caution:** Care should be taken to not pull the back assembly off the unit.

### Adjusting the Movement of the Back Panel:

Adjust the amount that the back panel moves on the backpost vertically to best match the movement and needs of the client. Sliding panel adjustment is done by utilizing the curved plates on both sides of the seat near the bottom of the back. The location of those items is shown in **Figure 14 and 15.** Each hole allows the back to move a different amount and should be set depending on how much the back needs to move for the client. This adjustment needs to be done on both sides of the back and the mounted position has to match or the back will bind. The following shows the amount of movement depending on the location being used.



Figure 14

Each location moves the back panel the distance as shown below.

- A = 3.5"
- B = 3"
- C = 2.5"
- D = 2"

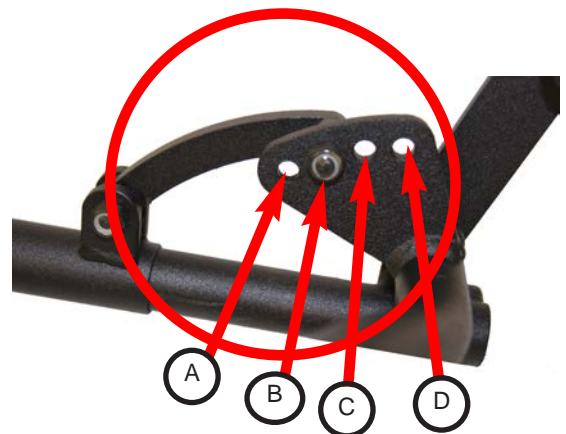


Figure 15

**NOTE:** This adjustment needs to be done on both sides at the back of the seat assembly when a Back System is being used to adjust the amount the backpanel moves with the client. Ensure that the setup matches on both adjusters to keep each of these components moving the same.

Tighten the nut and bolt until snug, do not overtighten, these components rotate during use.

## Adjusting the Tray Assembly

The tray assembly is adjustable in height and in Anterior and Posterior movement. **Adjusting Tray Height**  
Loosen the large black knob “I” as showing in **Figure 16**, then pull the knob forward while pressing down on the tray surface to release the tray for adjustment. Hold the knob out to stop it from locking and the tray surface will “self-elevate” (rise) and will only need gentle pressure to be lowered into the desired height. Once it is located at its desired height, release the knob allowing the plunger pin to locate into one of the adjustment holes in the tray mast. The cylinder “K” supplies the lifting force when the mast is unlocked for movement and does not need any adjustment. You can further isolate any movement of the tray by tightening the knob “I”.

**For Anterior/Posterior Tray Adjustment**, loosen the 2 black rosette knobs, “J” and slide the tray forward or back to the desired location then tighten the two knobs to hold the tray in place. **Figure 17**



Figure 16

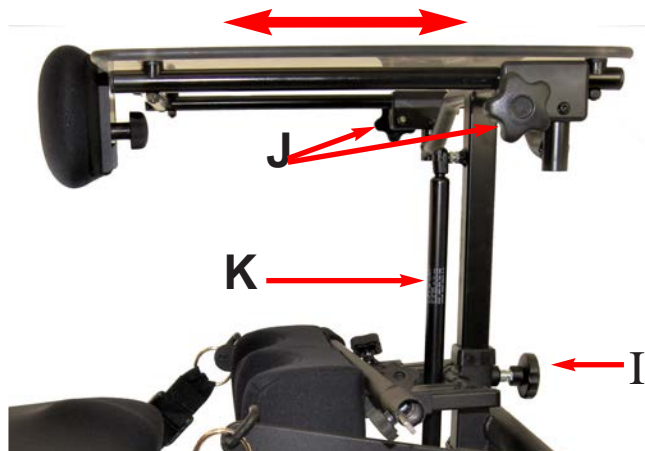


Figure 17

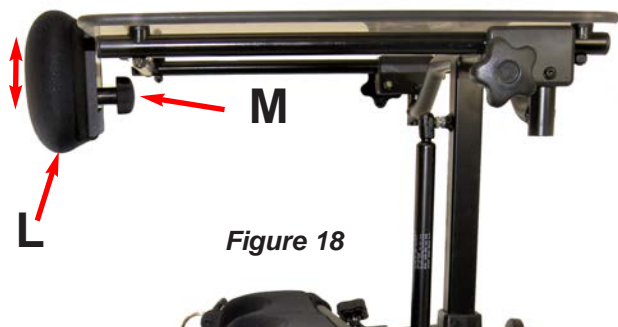


Figure 18

## Adjusting the Body Pad

The body pad “L” as shown in **Figure 18** adjusts in height and depth with the tray assembly. For small adjustments loosen the knob “M” on the back of the pad and it will allow additional fine adjustment to the height of the pad.

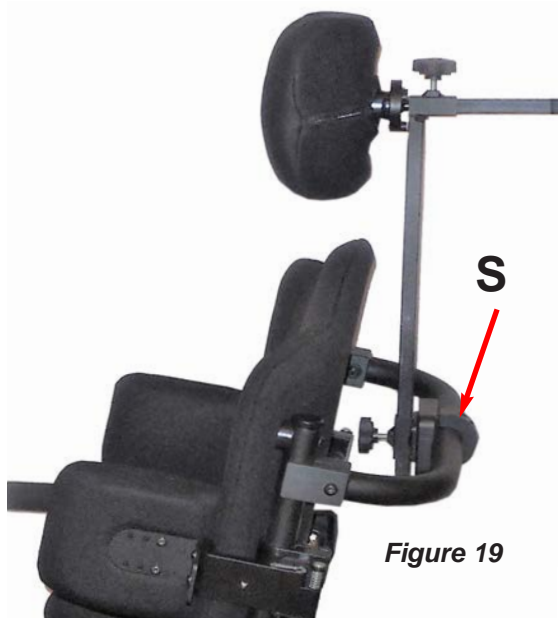


Figure 19

## Back Bar Headrest Mount (Optional assembly, not available without a Back Bar)

**The Back Headrest Mount “S”** installs on the Back Bar with or without a back panel but it must have the back uprights to mount to. Headrests will mount directly to that bar with the Headrest Mounting Plate added to it. For illustration, a standard configuration headrest is shown in **Figure 19**, other configurations are available.

### Lateral supports (Optional Item)

When Lateral Chest supports are ordered on a **Symmetry XG** and shipped on a pallet, those supports will be pre-mounted onto the back posts as shown in **Figure 20**. Height adjustment is done with a ratchet knob on the back of the clamp **“N”** and width adjustments are done with the included Allen Key **“O”** that is stored in the clamp with the screws on the intermittent bracket and the back of the lateral pad itself **“P”**.

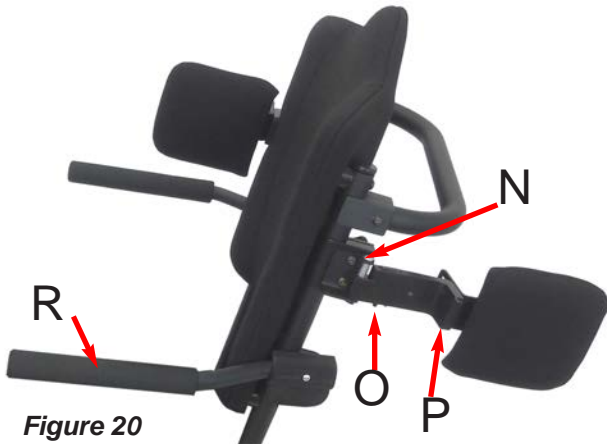


Figure 20

### Back Bar and Armrests (Standard with an Optional Back assembly, not available without a back)

The **Back Support Bar “Q”** comes installed on the back when ordered or shipped as an option and is mounted as shown in **Figure 21**. The bar can be raised or lowered by loosening the two mounting bolts on the inside of the clamp. Headrests will mount directly to that bar with the Headrest Mounting Plate.

**Armrests “R”** flip up for easy access to the seating area.

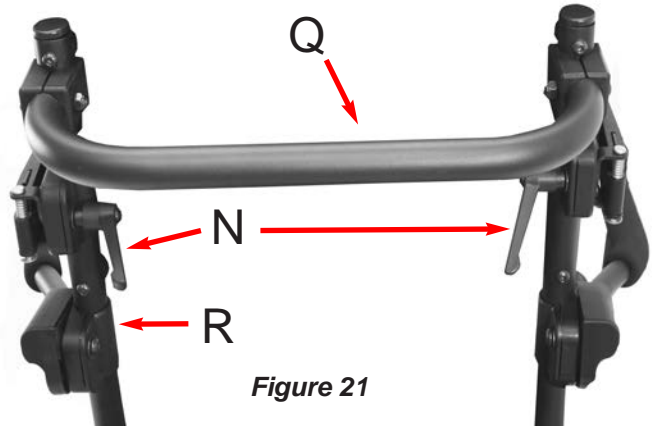


Figure 21

### Hip Guides: (Optional Item)

To adjust the hip guides loosen the ratchet knobs on the lower back pivot tubes **Figure 22**, on the back of the unit to allow the hip guides to freely move up and down and in and out. Move the hip guides into the desired position on the client **Figure 23** and then tighten the ratchet knobs to hold them in place.

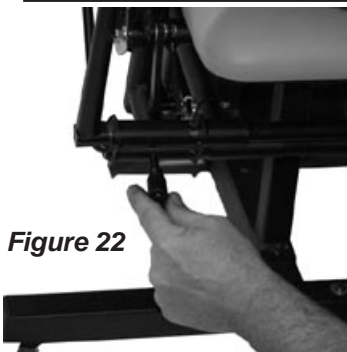


Figure 22



Figure 23

### Shoe Holders (Standard)

**Symmetry XG Shoe Holders** come in multiple sizes with maximum adjustability for proper foot support. Shoe holders can be adjusted for height, angle and rotation by loosening the ratchet knob **“T”** on the side of the mounting block, placing it in the appropriate position and firmly tightening the ratchet knob to hold the shoe holders in place **Figure 24**. The shoe holders should be adjusted to an appropriate height to fully support the foot with the leg firmly supported on the seat surface.



Figure 24

### **Independent Knee Pads (Standard)**

Your **Symmetry XG** is equipped with Individually Adjustable Knee pads **Figure 25** allowing you to loosen and move either pad forward or back with the black adjustment knob at the rear of each individual pad to the desired depth. Once this adjustment is done, tighten the knob to hold the pad in place. If height adjustment is needed, loosen the attaching screws on the back of the pad and move the bracket to the desired location and firmly tighten the screws. You can also increase the amount of adjustment by inverting the pad in the mounting bracket.



**Figure 25**



### **Getting Started**



**Figure 26**

### **BASE**

Your **Symmetry XG** system has a sturdy steel base allowing for maximum stability and a minimal footprint. This base allows for easy transfers into and out of the unit by its open design.

Roll the frame to its desired location and lock both caster wheels at the front and rear of the base **Figure 26**.

### **Using the Symmetry XG Swivel Feature**

Getting in and out of the **Symmetry XG** is made easy by the use of our exclusive *Swivel Seat Feature*. Along with the swing-up Knee Supports, Flip-Up Lift Arms and minimal frame footprint. To swivel the seat, press the release lever on the front of the seat. The seat and all the of the positioning items will swivel as shown for easy lateral transfers, standing pivot transfers, lateral transfers, and even transfers done with a patient lifting device (see page 8). As shown below in **Figure 27 and Figure 28** the swivel feature allows ease of access in every configuration. Once you are seated securely just return the seat to its forward facing position, attach the lifting straps onto the lift arms and you are ready to stand.



**Figure 27**



**Figure 28**



## Using Patient Lifts



**Symmetry XG's** open frame design allows better access during transfers even when a lifting device is needed. This base design allows for usage with most major styles and types of lifts without costly and hard to use frame modifications.

Using a patient lift with our frame does not require any special modification(s). Simply swivel the seat to the best position for access for the type of lift being used, then flip the positioning equipment out of the way and move the client to the frame. The wheels on most patient lifts will fit into our frame design allowing the client to be placed into the seat quickly, easily and safely.

Once over the seat, simply lower the client onto the center of the seat and place the positioning equipment back in its locked/desired position. Once the client is secured, unhook any straps holding the client to the lifting device and swivel them into the forward facing position. Hook the lifting straps onto the lift arms, pull them snug and then raise the unit to full standing. Our open frame allows you to get the best position possible with the least amount of effort.

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## Wheelchair Transfer:

Swivel the Seat assembly to the most convenient spot for your transfer style, flip back the armrests if the unit has them, raise up the lift arm on the entry side, push the knee supports up to allow maximum space for ease of entry and exit.

Note: Lateral or standing pivot transfers are easily supported with **Symmetry XG** and its swivel seat feature.



Place your feet into the frame and locate your feet into the shoe holders.



Swivel the seat to the best position for you and transfer onto the seat.



Swivel the seat back to the front, then flip down the knee support.



Flip down the lift arm and place the metal ring over the lift arm hook and pull the strap snug.



Pump yourself into position.



Finish by bringing yourself into a fully supported and proper position.

**Note:** A previous model of Symmetry shown on this page for transfer reference and information only.

## **DAILY USAGE:**

### GETTING ON YOUR FEET:

**Symmetry XG** Standing Systems can be used while doing many of your everyday activities, reading, watching television, eating and studying. Locate your **Symmetry XG** in your main areas of activity.

Set up your **Symmetry XG** stander as your therapist has indicated to best support you in proper standing. Once the adjustments are done you should be able to transfer in and out without having to change any of them, however you may need to adjust your **Symmetry XG** for growth or if you change weight, need to add support or most importantly as you stretch into a proper standing posture with your standing device.

1. Lock the casters to ensure that the unit does not move as you transfer into it
2. Flip up the lift-arm and the transfer arm on the side you transfer in on. Flip back the knee supports. Swivel the seat to the side you will transfer into the unit from.
3. Transfer into your **Symmetry XG** System with the approach that suits you best. If you have any questions about what the best transfer approach for your use make sure that you contact your prescribing therapist or contact us at 800-827-8263.
4. Place your feet in the Shoe Holders and slide your feet to the rear into the heel cups.
5. Flip the knee supports down and center your knees into the kneepads. Note: Make sure that your knees are in contact with the kneepads before you start to activate the pump.
6. Lower the lift arm down and attach the lifting strap onto the lift arm and pull it snug.
7. Raise yourself into an upright standing position by operating the handle on the hydraulic pump assembly.
10. Once you are in a fully upright position, your chest and/or abdomen should be in firm and comfortable contact with the body support pad and any other support pad(s) needed.
11. To lower yourself, move the pump handle completely forward to engage the release. You may stop lowering at any point by moving the pump handle back away from the release.



**Figure 28**



**Figure 29**

Full seat swivel, Flip up arms, flip up knee supports, flip up lift arms, no tools adjustments, Swing-away lateral supports, open frame design and lots of area to get your chair in close to the frame allows for easy access to your Symmetry XG unit. As shown in **Figure 28** a standard Symmetry XG or a Symmetry XG with full positioning assistance as shown in **Figure 29** still supports maximum ease of entry, use and exit.

# **Symmetry XG / Symmetry Youth XG**

## **Standing Systems**

### **Limited Warranty**

Effective January 1, 2017

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 **Symmetry XG / Symmetry Youth XG** (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.

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

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

**Other Components:** Upholstery, plastic parts, painted surfaces, rubber parts, casters, bearings, 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. 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.

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