

PARTS, ASSEMBLY AND SAFETY MANUAL



DOUBLE SIDED QUADLOCK STILTS



PLEASE READ CAREFULLY BEFORE ASSEMBLY OR USE

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## ABOUT

Sur-Pro stilts are designed and manufactured for use in the commercial drywall and construction industry. Sur-Pro stilts **are NOT** designed for recreational use or use as a performance prop.

Proper assembly, inspection, and maintenance are required every time before use. New users need to learn safe and proper walking technique before using the stilts at a jobsite. (See **Learning to Walk** pg. 10)

Read the manual and the following safety guidelines thoroughly. Understand that The Forest Group, Inc. is not responsible for any incidences resulting from negligence, unintended use of the stilts, failure due to lack of maintenance or improper assessment of equipment.

**WARNING:** Sur-Pro stilts have a load limit of **225 lbs.**  
**DO NOT EXCEED!**



### QUESTIONS? NEED HELP?

If you have any comments or questions regarding your stilts, please contact our customer service department.



**Toll Free : 1-888-443-8889**



## WARNINGS & SAFETY PRECAUTIONS

- **Under no circumstances** should the stilts be used while under the influence of alcohol, drugs, or other medications that could impair your balance, judgment, or cause drowsiness.
- **Always** perform a jobsite inspection to be sure it is free of any tripping hazards including, but not limited to: extension cords, spilled liquids, or general debris. Your worksite **should not** have any open stairwells, vents, or windows that would present a fall or tripping hazard.
- **Always** inspect your stilts prior to every use. Check for worn or damaged parts and always replace with genuine Sur-Pro parts. Check and tighten all nuts and bolts, but do not over-tighten any loose nuts, wing bolts, or screws. The Forest Group, Inc. is not responsible for any equipment failures if non-genuine Sur-Pro parts are used.
- Clean your stilts regularly. Dirty equipment may obscure excessive wear. Keep soles and ground clean, dry and free of lubricants, debris or obstacles which may cause slipping or tripping. **Never** use your stilts on scaffolding or plywood placed over any type of opening. Only use on solid ground.
- Keep all pivot points and adjustment joints clean and lubricated. Lubricate lightly, when necessary, with silicone or graphite-based lubricants.
- Mount and dismount your stilts with the help of a spotter using a clear and level area away from doors, windows, stairwells, floor vents, etc. **Never jump off** a stilt. Step down using a work platform of the appropriate height.

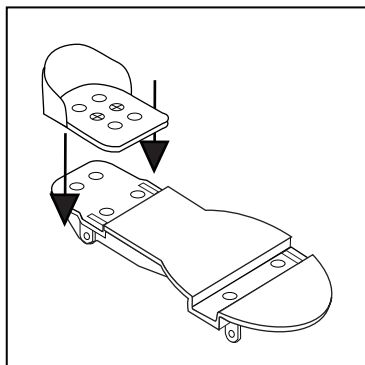
# STILT COMPONENTS & ASSEMBLY

## YOUR BOX INCLUDES

	Qty	Description	Part #
<b>Box</b>	1	Left main stilt body	-
	1	Right main stilt body	-
	1	Double sided Sur-Pro left side pole with leg band	SS1010L
	1	Double sided Sur-Pro right side pole with leg band	SS1010R
<b>Inner Bag</b>	4	Side pole bolts 1 3/4" with washers and nuts	H132W
	2	Heel cups with nuts and screws attached	H110W
	4	Strap mounting washers (large)	H117
	4	Strap mounting washers (small)	H117S
	4	Flat screws (to install arch strap)	H135
	2	Wrenches 11mm	-
	1	Warranty card	-
	1	Manual	-

## HEEL BRACKET INSTALLATION

Position the heel bracket in one of the three positions depending on the size of the user's feet. Secure heel bracket into the foot support plate with the small screws.



# STILT ASSEMBLY

## ARCH & TOE STRAP POSITIONS

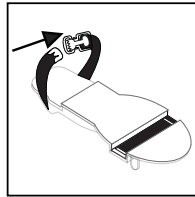
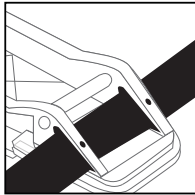
The straps come pre-installed. Use the following instructions to adjust or replace the straps.

The leg band straps should be tightened by pulling away from the stilt. The toe and arch straps are tightened by pulling toward the inside of the stilt. Position the straps accordingly.

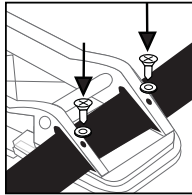
The arch strap can be worn in two different positions.

### Option 1

1. Strap comes threaded through the back of the foot plate.



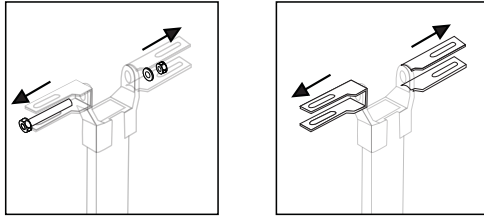
2. Secure the strap with the small screws and washers.



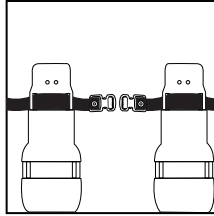
# STILT ASSEMBLY

## Option 2

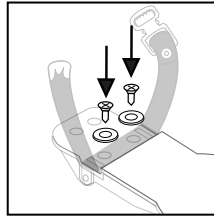
1. To wear the arch strap in option 2, remove the side pole clamp bracket first.



2. Thread the strap through foot plate.

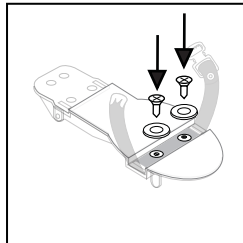


3. Secure the strap in place with the screws and washers.



## TOE STRAP INSTALLATION

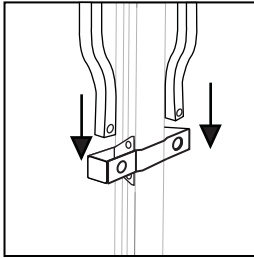
Install the toe strap the same way as the arch strap (Option 2).



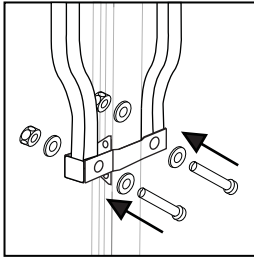
# STILT ASSEMBLY

## DOUBLE SIDED POLE INSTALLATION

1. Insert the right and left side poles (H165W- XXXP) into the brackets on the main stilt body. The opening on the legband should face the toe of the stilt.

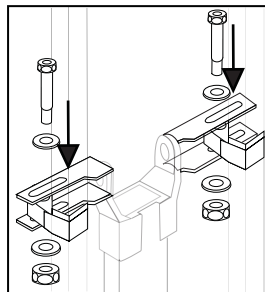
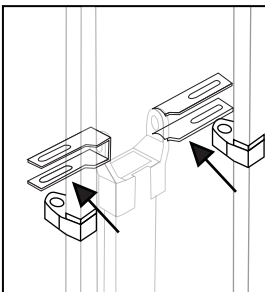


2. Secure with 1½" bolt, two washers and nylon locknut. (H124W)



3. Line up side pole holders with the side pole clamps and secure with 1¾" bolt, two washers and nylon locknut. (H132W)

\*The position of the bolts should depend on the width of the user's calf\*

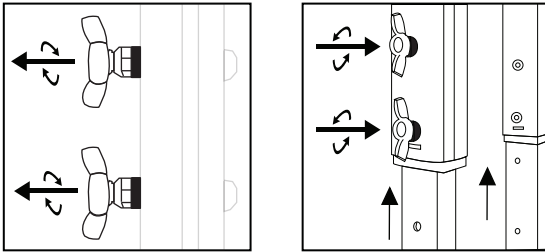




# STILT ADJUSTMENTS

## STILT HEIGHT

1. To *adjust the height* of the stilts, *remove the wing bolts* (H142) from the stilts.
2. Slide vertically to desired height. Align the holes in the outer extrusion to those of the *inner leg extension*.
3. Reinstall the wing bolts at the desired height. *Hand-tighten* the wing bolts.

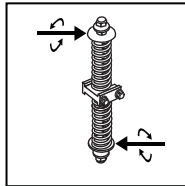


**Note:** The stilts have a plastic sleeve that prevents the leg extrusions from coming completely out of the stilt body. Forcing the leg extrusions out of the main stilt body will damage the plastic sleeves.

## SPRING TENSION

To correct any tendency to lean **forwards**, tighten the upper spring adjuster to increase tension on the spring.

To correct a tendency to lean **backwards** when walking, tighten the lower spring adjuster to increase tension on the spring.



**Note:** Always check that all bolts and screws have been tightened after making adjustments and prior to every use.

# LEARNING TO WALK

**WARNING:** Find a level, clean floor free of any tripping hazards to practice walking for the first time. Avoid openings such as doorways, floor vents, stairwells or windows that you can fall through. A messy jobsite is **NOT** the right place.

## WALKING INSTRUCTIONS

- Prepare your stilts by installing the parts and making the necessary adjustments.
- Find a colleague to help you mount the stilts and secure the straps.
- Take slow, deliberate, and short steps. Pick the stilt up completely off the ground with each step. **Never** drag or shuffle the stilts on the ground. Keep your stilts apart when walking and do not let them touch.
- To turn or change directions, walk in a wide “U” shape. Practice walking until you are comfortable in the stilts and feel able to walk unassisted.

## WALKING SAFETY TIPS

- **DO NOT** take large or over-extended steps. If the springs are being completely compressed with each stride, your steps are too large. This puts more stress on the stilts and will reduce the lifespan of the stilt components.
- **NEVER** try walking backwards on the stilts.
- If you are required to step sideways on your stilts, make sure to practice the move with a spotter before attempting it on a jobsite. Look carefully before placing your stilts. Lift one stilt at a time while clear of the floor and plant your foot carefully before lifting the other stilt.

# MAINTENANCE INSTRUCTIONS

## CLEANING

Clean your stilts with water regularly. Dry the stilts and floor plates after cleaning. Dirty equipment may obscure excessive wear. Keep soles dry and free of lubricants and built-up debris to ensure a safe walking surface.

## LUBRICATION

It is important to keep all pivot points or adjustment joints clean and lubricated. Use a silicone or graphite-based lubricant.

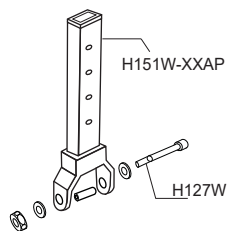
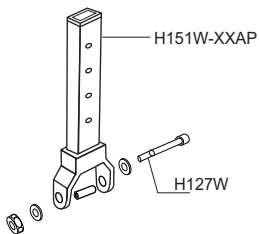
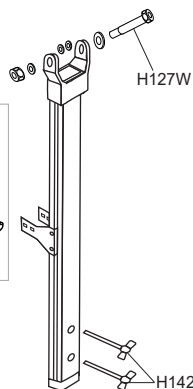
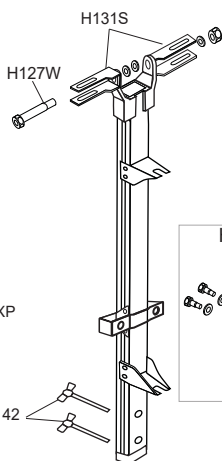
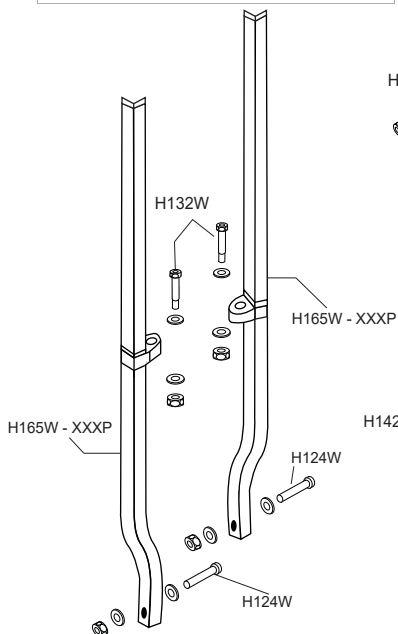
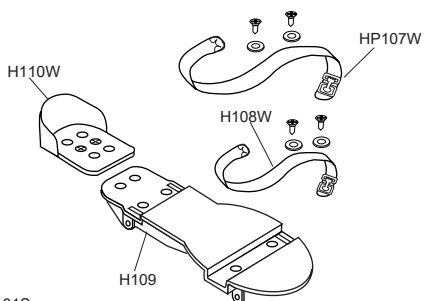
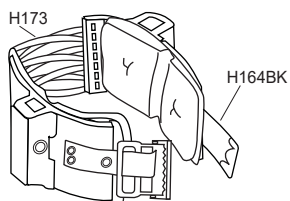
## REPLACEMENT PARTS

It is important that all stilt parts are inspected before each use to see if any parts should be replaced. If any components have been worn out or dented, or if screws/washers/wing bolts have been lost, contact your dealer, visit [www.stilts.com](http://www.stilts.com) or call 1-888-443-8889 for genuine Sur-Pro replacement parts.

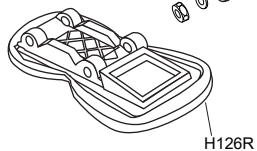
The Forest Group, Inc. is not responsible for any equipment failures if non-genuine Sur-Pro replacement parts are installed or if the stilt is dismantled and the components are not installed correctly.

# REPLACEMENT PARTS DIAGRAM

SS1010L/R



HP107FW - Optional 1 1/2" Wide Arch Strap



## REPLACEMENT PARTS & KITS

Item	Description
H108W	Replacement adjustable toe strap with buckle, screws and washers for all Sur-Pro stilts <b>Strap Dimensions: 1" width, 17" length</b>
H109	Replacement nylon foot plate for all Sur-Pro stilts
H110W	Replacement adjustable heel bracket aluminum with screws for all Sur-Pro stilts
H124W	Replacement bolt with washers and locknut <b>Dimensions: 1 ½" in length</b>
H126R	Replacement rubber floor plate for all Sur-Pro stilts
H127W	Replacement bolt with washers and locknut <b>Dimensions: 3" in length</b>
H131S	Replacement metal clamp bracket for all Sur-Pro stilts
H132W	Replacement bolt with washers and locknut <b>Dimensions: 1 ¾" in length</b>
H142	Replacement wing bolt for all Sur-Pro stilts
H145	Replacement spring for all Sur-Pro stilts
H151W-XXAP	Replacement inner extension tube with upward and downward nylon sleeves
H164BK	Replacement leg band strap for double sided Sur-Pro stilts <b>Dimensions: 1 ½" width, 10 ½" length</b>
H165W-XXXX	Replacement side pole with end cap and side pole holder for double sided QuadLock stilts
H173	Replacement leg band laces for double sided Sur-Pro stilts (count 2)
HP107FW	Replacement adjustable wide arch strap with buckle, screws and washers for all Sur-Pro stilts <b>Strap Dimensions: 1 ½" width, 23" length</b>
HP107W	Replacement adjustable arch strap with buckle, screws and washers for all Sur-Pro stilts <b>Strap Dimensions: 1" width, 23" length</b>
SS1001	Hardware kit for all Sur-Pro stilts • Replacement bolts with washers and nuts (count 8) <b>Dimensions: 3" in length</b>
SS1003R	Floor plate kit for all Sur-Pro stilts • Replacement rubber floor plates (count 2)
SS1004	Spring kit for all Sur-Pro stilts • Replacement springs (count 2)
SS1007	Plastic sleeve kit for all Sur-Pro stilts • Replacement upper plastic sleeves (count 4) • Replacement lower plastic sleeves (count 4)
SS1008	Wing bolt kit for all Sur-Pro stilts • Replacement wing bolts with washers (count 4)
SS1009	Heel bracket kit for all Sur-Pro stilts • Replacement adjustable heel bracket with screws (count 2)

## REPLACEMENT PARTS & KITS

Item	Description
SS1010L	Left leg band kit for double sided Sur-Pro stilts <ul style="list-style-type: none"> <li>• Replacement left leg band (count 1)</li> <li>• Replacement leg band strap (count 1)</li> <li>• <b>Dimensions: 1 ½" width, 10 ½" length</b></li> <li>• Replacement bolts with washers and nuts (count 2)</li> <li>• <b>Dimensions: 1 ½" in length</b></li> <li>• Replacement leg band laces (count 2)</li> </ul>
SS1010R	Right leg band kit for double sided Sur-Pro stilts <ul style="list-style-type: none"> <li>• Replacement right leg band (count 1)</li> <li>• Replacement leg band strap (count 1)</li> <li>• <b>Dimensions: 1 ½" width, 10 ½" length</b></li> <li>• Replacement bolts with washers and nuts (count 2)</li> <li>• <b>Dimensions: 1 ½" in length</b></li> <li>• Replacement leg band laces (count 2)</li> </ul>
SS1011	Strap kit for double sided Sur-Pro stilts <ul style="list-style-type: none"> <li>• Replacement adjustable arch straps with buckles (count 2)</li> <li>• <b>Dimensions: 1" width, 20" length</b></li> <li>• Replacement adjustable toe straps with buckles (count 2)</li> <li>• <b>Dimensions: 1" width, 17" length</b></li> <li>• Replacement leg band straps (count 2)</li> <li>• <b>Dimensions: 1 ½" width, 10 ½" length</b></li> <li>• Replacement washers and screws (count 2)</li> </ul>

## WARRANTY

### **Sur-Pro® One-Year Limited Warranty**

- The Forest Group, Inc. offers a one-year limited warranty on the structural components of your Sur-Pro products against manufacturing defect from the date of purchase.
- Excluded are components subject to: normal wear, abuse, neglect, or improper assembly. Excluded parts include, but are not limited to, nylon bearings, sleeves, leg bands, soles, springs, and straps.
- The Forest Group, Inc. does not cover damage incurred by misuse of the product. In particular, Sur-Pro stilts are designed and intended for use in the construction and drywall industries and are not designed for use as a recreational or performance prop.
- The Forest Group, Inc. is only responsible for the repair or replacement of Sur-Pro products and parts.
- This warranty does not cover consequential damages, incidental damages, or damages to persons or property connected to the use of our products.
- The product owner is responsible for inbound shipping costs. Excluded from all warranties are inbound freight and postage or freight losses.
- The warranty is non-transferable and limited exclusively to the original purchaser.

# WARRANTY

## Sur-Pro® Product Registration

We strongly encourage you to register your Sur-Pro products. Answering the registration questions and uploading proof of purchase expedites access to warranty services and gives you easy access to manuals, parts and documentation. To register your products, please:

- Visit [www.stilts.com](http://www.stilts.com) and fill out the online Product Registration form.

**Or**

- Fill out all required fields on the enclosed registration card along with a copy of the owner's original invoice and return to:

**The Forest Group, Inc.  
P.O.Box 630388  
Houston, TX 77263**

## Warranty Service

All warranty returns for repair must include a Return Merchandise Authorization (RMA) number. Unauthorized returns without RMA will not be accepted. To obtain the RMA number, please:

- Submit an online Warranty Service form on [www.stilts.com](http://www.stilts.com) and upload a copy of the owner's original proof of purchase.

**Or**

- Call our Customer Service at 1-888-443-8889 and email/fax a copy of the owner's original proof of purchase.