



## Manual & Parts List for Drywall Stilts

**for Model #'s** GLO1830, RGPRO1830

GLO2440, RGPRO2440, RGMAG2440

RGPRO3648

RGPRO4864



**Important**  
**Please Read This Manual Before Assembly or**  
**Use**

# **ATTENTION! READ THIS!**

PLEASE ENSURE ASSEMBLY, INSPECTION AND MAINTENANCE IS CARRIED OUT PROPERLY. THIS IS CRUCIAL TO YOUR PRODUCT SATISFACTION AND PERSONAL SAFETY.

IT IS YOUR RESPONSIBILITY TO READ THESE INSTRUCTIONS INCLUDING THE DO'S AND DON'TS GUIDELINES DETAILED WITHIN. IT IS ALSO YOUR RESPONSIBILITY TO USE STILTS THAT ARE WELL MAINTAINED, TO INSIST ON A CLEAN, CLEAR WORK AREA, AND TO ALWAYS EXERCISE CAUTION WHILE USING SUPA-STILTS.

CHECK ALL BOLTS ARE TIGHT BEFORE USE AND PAY SPECIAL ATTENTION TO THE ENTIRE STRUT TUBE ASSEMBLIES AND WING BOLTS. IF YOU HAVE CONCERNS ABOUT CONSTRUCTING OR USING THE STILTS PLEASE CONTACT US.

**WILL NOT BE HELD RESPONSIBLE FOR ANY ACCIDENT RESULTING FROM IRRESPONSIBLE USE, IMPROPER USE, OR FAILURE TO INSPECT AND MAINTAIN ACCORDINGLY.**

**DO NOT EXCEED LOAD LIMIT = 225 LBS.**

**IMPORTANT GUIDELINES TO FOLLOW BEFORE ASSEMBLY OR USE**

## DO...

- Inspect stilts thoroughly before use, making sure that construction is free from damage and hazards, that there is no excessive wear at the connection points, and that all bolts are tight. Special attention should be given to the entire strut tube assemblies and wing bolts in this respect.
- Walk only on suitable hard surface which is level.
- Be cautious when working around low profile furniture, fixtures, pipes, etc.
- Fasten the upper leg strap first when putting on stilts.
- Disconnect upper leg straps last when removing stilts.
- Replace any damaged or excessively worn stilt components before use.
- Remove stilts to adjust them unless assisted by another person.
- Remove stilts when moving up and down stairs.
- Cover any floor openings.
- Get help when retrieving objects from the floor. If no one is around remove them completely.
- Keep all straps tightly fastened and secured.
- Take short steps, making sure that the stilts are raised well clear of the floor with each step.
- Walk forward only, making a "U" turn to change direction.
- Adjust Stilts whenever necessary to ensure it is safe.
- Always watch where you are walking.

# DO NOT...

- Wear stilts without having the proper instruction.
- Wear stilts that are uncomfortable or not adjusted properly.
- Wear stilts without having first inspected them for obvious hazards.
- Wear stilts that have clearly been misused damaged or modified.
- Walk on slippery surfaces.
- Work around uncovered floor openings, stairwells, etc.
- Work in or around loose items e.g. wires, cords, material e.t.c.
- Carry heavy loads while walking on stilts. **The Stilts have a load limit!**
- Run or walk fast on stilts.
- Pick up objects which are lower than foot level.
- Wear stilts that are taller than necessary.
- Lean over desks, files, boxes, or other objects while on stilts.
- Be irresponsible on stilts.
- Take steps so large that the action springs fall out. This can cause serious Injury.
- Modify this product in anyway.
- Wear stilts while under the influence of drugs or alcohol.
- Walk on secondary scaffolding, benches, planks etc.

# **ASSEMBLY INSTRUCTIONS**

## **Strut Tubes**

1. Loosen tube clamps. Insert lower strut tubes up through the bottom of the tube clamps. Leave tube clamps whilst you prepare the other parts.
2. Attach lower strut tubes to the safety-lock bracket with the attached 1/4 x 1 1/2" cap screw & nylon lock nut. Tighten when assembly is complete.
3. Slide the upper strut tubes down over the lower strut tubes and through the tube clamps. Position so the leg bands are just above the large portion of the leg calves.

**Note: Do not bend the leg bands.**

4. Evenly tighten the tube clamps to prevent the upper strut tube from rotating when used. Over tightening the tubes could permanently deform them and require their replacement.
5. Position the tube clamps in the clamp bracket slots, according to your calf size, so the stilts will stand straight when mounted, and tighten well.
6. Attach the heel brackets to the footplates using the No. 10 x 1/2 Phillips machine screws and nuts. Adjust the heel bracket so your outside ankle bone is directly over the rear pivot bolt and tighten well.



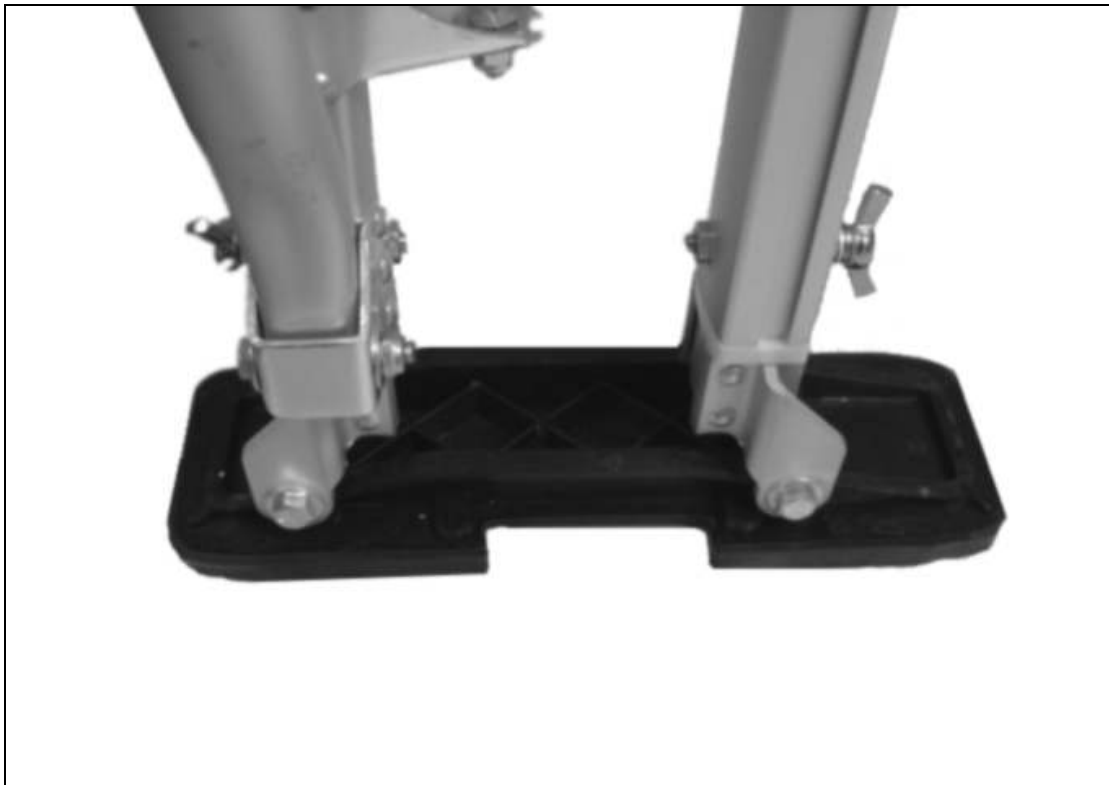
## **Strap Kit**

1. Position the toe (short) and arch (long) straps on the footplates with the fasteners on the same side as the strut tube.
2. Feed the ends of both straps over and through the Safety Anchor Slot System and secure the straps with the strap plate & screws provided.
3. Set spring adjusters to minimum compression. Set adjustable stilt legs to the lowest setting and tighten wing bolts.
4. Re-check all the components you have assembled. Reposition the tube clamps and leg bands until you feel totally comfortable. You should stand straight on your stilts so the stilts don't pull in or out.



## **Height Adjustment**

When adjusting the heights of the stilts remove wing bolts.  
Once removed evenly raise the stilt legs to the desired height.  
Once height is achieved re-align the wing bolt holes in legs and extension tubes replace the bolts and tighten well.  
Be sure not to over tighten as this can have adverse effect.



**Wing bolts for height adjustment.**

# **MAINTAINANCE**

## **Lubrication**

In order to keep your stilts operating freely, it is necessary to keep the components reasonably clean and free of dents or burrs. Pay special attention to the components which help operate the movement.

Lubricate these moving components lightly with a silicone spray or white graphite powder. Do not use lubricating products which remain wet and attract grit or any type of chemical cleaner. Make certain soles are kept free of lubricants which could cause loss of traction.

## **WARNING:**

Do not make modifications on parts. Always use genuine replacement parts. Contact dealer for more information.

## **Replacement Nylon Sleeves**

Remove wing bolts and remove the upper foot plate (together with the extension tubes and floor plate). Pry the small sleeves from the extension tube upper ends, and remove. The large sleeves can now be removed. To reassemble, check extension tube holes for burrs, file smooth. Slide new large sleeves down over the extension tubes until the large sleeve tabs are aligned over the detents at the bottom of the extension tubes. Insert new small sleeves over the top of the extension tubes until it snaps past the upper locking tabs of the extension tubes. Carefully insert the extension tube units all the way into the stilt legs until the large sleeve tabs snap and lock into the stilt leg slots. Check stilt operation by adjusting stilts up and down. Replace wing bolts and tighten.



# **OPERATION GUIDELINES**

## **Walking precautions**

**IMPORTANT**-Always take short, deliberate, distinct steps and walk with your stilts well apart. Large or over-extended steps can cause the action springs to bottom out and place excess stresses on the stilt components. Excess stresses could drastically reduce the life of the stilts or result in component breakage.

## **Inspect before working**

Develop a habit of inspecting your stilts before each days use. Make certain the entire stilts are free of any sign of damage or excessive wear, and that all nuts and bolts are tight. Special attention should be given to the entire strut tube assemblies and wing bolts in this respect. Keep all labels legible.

## **Strap tightening sequence**

Important-When mounting your stilts, always attach leg straps first before feet. When dismounting always unbuckle leg straps last, after unbuckling foot straps.

Select a clear and level area away from doors, floor vents, stairwells, windows, etc. With the help of a colleague, strap on your stilts as noted above.

Stand with your legs comfortably apart, collect your balance...and relax. If needed, re-adjust the strut tubes and clamps until your stilts and legs are straight and comfortable.

## **Forward/rearward balance**

When standing erect, your stilts should be in a neutral and vertical position. If they have a tendency to lean forward or backward, make the following adjustments with the help of a colleague, or after removing your stilts.

If stilts lean forward, loosen the tube clamps and rotate the leg bands and strut tubes toward the rear, and tighten clamps. This adjustment is to insure proper forward and backward balance. If this adjustment requires that the leg bands be rotated to where it is uncomfortable, the mounted shoes should be relocated, or the heel brackets be adjusted in the same direction as the needed rotation. Note: Do not bend or "size" leg bands.

# LEARNING TO WALK

**IMPORTANT** - Read the do's and don'ts for the use of your stilts before you attempt to learn to walk on them. Remember, in order to develop safe work habits, it is very important that you observe the do's and don'ts as you learn to walk on and work with them.

Select a clear and level area (preferably near a wall) but away from doors, floor vents, stairwells, windows, etc. With the help of a colleague, mount your stilts and take slow deliberate short steps while keeping your stilts well apart. Make certain that each step completely clears the floor, as you must never drag or shuffle your feet. While assisted, walk slowly back and forth numerous times making a U-turn to reverse your direction. Repeat walking back and forth until you develop a "feel" for the stilts. Practice walking until you feel secure and are able to walk unassisted.

## ADJUSTMENT FOR WALK

If you have a tendency to lean forward or backward while walking, you should adjust the action springs. Make the following adjustments after removing your stilts. To correct for leaning forward while walking, tighten the upper spring adjuster. To correct for leaning backward while walking, tighten the lower spring adjuster.

**Never tighten adjusters more than 1/5 of the way down, or approximately 15 turns, as it will limit the stilt action and impose excess stresses on the components.**

## **RENEGADE Stilts - Parts List**

<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
PR1	Leg band with pads	2
PR2	Leg band spacer	4
PR3	1/4-20 X 2" flat head screw	4
PR4	Adjustable leg strap with buckle	2
PR5-1830	1-1/8" O.D. upper strut tube (for Mod. 1830)	2
PR5-2440	1-1/8" O.D. upper strut tube (for Mod. 2440)	2
PR5-2440-MAG	1-1/8" O.D. upper strut tube (for Mod. MAG2440)	2
PR5-3648	1-1/8" O.D. upper strut tube (for Mod. 3648)	2
PR5-4864	1-1/8" O.D. upper strut tube (for Mod. 4864)	2
PR6	10-24 X 1/2" machine screw	4
PR6A	10-24 lock nut	4
PR7	Adjustable arch foot strap with buckle	2
PR8	Adjustable toe foot strap with buckle	2
PR9	Foot plate	2
PR10	Adjustable heal bracket	2
PR11	Leg bearing	16
PR12	1/4" flat washer	21
PR12A	1/4" flat washer - S.A.E.	16
PR12B	1/4" square nut	12
PR13	1/4-20 lock nut (H5)	12
PR14	1/4-20 hex nut (H8)	4
PR15	Spring adjuster	4
PR16	Upper coil spring (black)	2
PR17	Strap mounting washer	8
PR18	Nylon spring bearing	8
PR19	3/8" self threading screw	8
PR19A	#8 flat washer	12
PR19B	#8 lock washer	8
PR20	Spring divider	2
PR21	Support washer for leg band	4
PR22	1/4-20 X 7-7/8" stud threaded at both ends	2
PR23-1830	1" O.D. lower strut tube (for Mod. 1830)	2
PR23-2440	1" O.D. lower strut tube (for Mod. 2440)	2
PR23-2440-MAG	1" O.D. lower strut tube (for Mod. MAG2440)	2
PR23-3648	1" O.D. lower strut tube (for Mod. 3648)	2
PR23-4864	1" O.D. lower strut tube (for Mod. 4864)	2
PR24	1/4-20 X 1-5/8" cap screw	2
PR25	Foot plate bushing	8

Part No.	Description	Qty.
PR26	Foot plate	2
PR27	1/4-20 X 3-1/8" cap screw	8
PR28	1/4-20 X 1-5/8 cap screw with square nut	4
R29	Tube clamp (small)	2
PR30	Tube clamp (large)	2
PR31	3mm slotted clamp bracket	2
PR32	1/4-20 X 1-3/4" cap screw	2
PR33	Strut tube plug cap	2
PR35	Strap mounting screw	8
PR37	Sole mounting screw	16
PR42	Wing bolt	4
PR44	Lower coil spring	2
PR45	Complete spring assembly	4
PR46	Replacement sole (Standard)	4
KIT46-PRO	Replacement sole (Heavy Duty)	4
PR47-1830	Forward adjustable leg (for Mod. 1830)	2
PR47-2440	Forward adjustable leg (for Mod. 2440)	2
PR47-2440-MAG	Forward adjustable leg (for Mod. MAG2440)	2
PR47-3648	Forward adjustable leg (for Mod. 3648)	2
PR47-4864	Forward adjustable leg (for Mod. 4864)	2
PR47A	Center spring assembly bracket	4
PR48	Large nylon ext tube sleeve (Lower)	4
PR49	Small nylon ext tube sleeve (Upper)	4
PR50-1830	Rear adjustable leg (for Mod. 1830)	2
PR50-2440	Rear adjustable leg (for Mod. 2440)	2
PR50-2440-MAG	Rear adjustable leg (for Mod. MAG2440)	2
PR50-3648	Rear adjustable leg (for Mod. 3648)	2
PR50-4864	Rear adjustable leg (for Mod. 4864)	2
PR50A	Upper foot pad attachment bracket	4
PR50B	Inter-Lok bracket	2
PR50C	Upper & lower spring assembly bracket	4
PR51-1830	Inner extension tube (for Mod. 1830)	4
PR51-2440	Inner extension tube (for Mod. 2440)	4
PR51-2440-MAG	Inner extension tube (for Mod. MAG2440)	4
PR51-3648	Inner extension tube (for Mod. 3648)	4
PR51-4864	Inner extension tube (for Mod. 4864)	4
PR51A	Lower foot pad attachment bracket	4

This diagram is an exploded view of a mechanical assembly, likely a vehicle's rear suspension or steering component. It features numerous parts labeled with alphanumeric codes. Key components include:

- PR17**: Two small circular components at the top left.
- PR7**: A curved bracket or arm.
- PR35**: Two small circular components below PR17.
- PR14**, **PR12B**, **PR15**, **PR18**, **PR16**: A vertical assembly of components on the left.
- PR10**: A small rectangular component.
- PR8**: A curved bracket or arm.
- PR27**, **PR12**: Components on a horizontal bracket.
- PR9**: A large horizontal bracket or plate.
- PR18**, **PR44**: Components on the right side of the horizontal bracket.
- PR6A**: A small component.
- PR11**, **PR12**, **PR13**: Components in the center.
- PR50A**, **PR49**: Components on the left vertical assembly.
- PR19**, **PR19B**, **PR18A**: Components on the left vertical assembly.
- PR51**: A long vertical component.
- PR20**, **PR22**, **PR47A**, **PR19**, **PR12**: Components on the central vertical assembly.
- PR47**: A component at the bottom of the central vertical assembly.
- PR51A**, **PR27**, **PR12**, **PR11**: Components at the bottom left.
- PR48**: A small component.
- PR25**: A component on a bracket.
- PR42**: A component on a bracket.
- PR26**: A component on a bracket.
- PR46**: Two rectangular components at the bottom.
- PR37**: Two small components at the bottom.
- PR3**, **PR4**, **PR33**: Components at the top right.
- PR21**, **PR32**, **PR1**, **PR31**, **PR30**, **PR29**, **PR14**, **PR28**, **PR49**, **PR12**, **PR27**: Components in the upper right area.
- PR5**: A long vertical component.
- PR51**: A long vertical component.
- PR23**: A curved component.
- PR13**, **PR12**, **PR24**: Components on the right side.
- PR12A**, **PR13**: Components at the top right.
- PR50C**, **PR50**, **PR42**, **PR50B**: Components in the center-right area.