

Intex

Hi-Stride
Premium Stilts

Operating Manual

ATTENTION - Please Read!

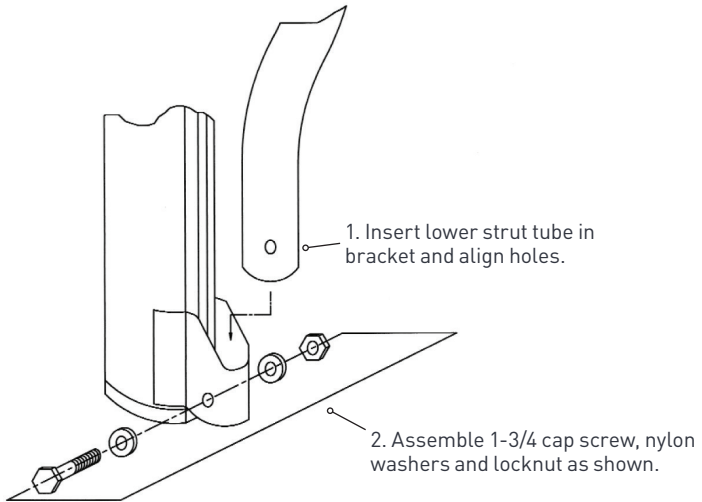
Proper assembly, care, inspection and maintenance, combined with responsible use is critical to your product satisfaction and personal safety. It is your responsibility to read and observe these instructions including the 'do's' and 'don'ts'. It is also your responsibility to use stilts that are well maintained; to insist on a clean, clear work area and to always exercise caution while using your stilts. Keep all bolts tight - special attention should be given to the entire strut tube assemblies and wing bolts in this respect. If you have any questions concerning this product, please contact Intex Group before assembly or use. Intex Group will not be responsible for any accident resulting from irresponsible use, improper use or failure to inspect and adequately maintain stilts.

Load Limit 102 kgs - Pair do not exceed! 90-Day limited warranty from date of purchase

90-Day limited warranty: Intex Group warrants the Intex Hi-Stride® stilts to be free of defects in material and workmanship for a period of 90 days following the date of purchase, provided the stilts are properly assembled, used and maintained in accordance with the stilt instructions included with the product. Excluded from this warranty are components subject to normal wear including but not limited to, nylon bearings, sleeves, leg band pads, soles, springs and straps. Also excluded from this warranty are stilt components subject to abuse, misuse, neglect, modification and accidental or intentional damage.

Strut Tubes

1. Loosen tube clamp on each stilt. Insert lower strut tubes up through the bottom of the tube clamps. Leave tube clamps loose for now.
2. Attach lower strut tubes to the rear outer leg bracket with the attached 1/4" x 1-3/4" cap screw. Tighten well 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 leg tube clamps just enough to prevent the upper strut tube from rotating when used. Do not over tighten, as tubes could be permanently deformed requiring 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 #10 x 1/2" machine screws and nuts. Adjust the heel brackets so your outside ankle bone is directly over the rear pivot bolt and tighten well.



NOTE: READ THE CAUTION LABEL ON THE FRONT OF THE STILTS!

Customizing your own fit

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 earlier. 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 the 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 heel brackets need to be adjusted in the same direction as the needed rotation. Note: do not bend or 'size' leg bands to fit your leg!

Height adjustment

Remove the wing bolts on each stilt. Evenly raise the stilt legs to the desired height, align the wing bolt holes in the legs and extension tubes, install wing bolts and tighten well.

Lateral Balance

When standing erect, the leg bands and upper strut tubes should apply a slight force against the side of your legs. If they pull outward or press excessively inward, make the following adjustments with the help of a colleague or after you have removed your stilts. Loosen the bolts & nuts in the slotted brackets retaining the tube clamps on each stilt. Slide the strut tube assemblies and clamps in the direction necessary to apply slight inward pressure to your legs. Security tighten. A trial and error approach may be necessary to obtain this balance setting.

WARNING: Improperly used or out of balance stilts are not only uncomfortable and tiring but could also be unsafe.

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 stress on the stilt components. Excess stress could drastically reduce the life of your stilts or result in component breakage.

Note: Always inspect before working!

Develop a habit of inspecting your stilts before each days use. Make certain both stilts are completely 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.

Walking & Working

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 your stilts. Select a clear and level area (preferably near a wall) but away from doors, floor openings, 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 sure 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 backward while walking, tighten the lower spring adjuster.

To correct for leaning forward while walking, tighten the upper 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 stress on the components.

Maintenance

Lubrication in order to keep your stilts operating freely, it is necessary to keep the 'action' components reasonably clean and free of dents or burrs. ('Action' components are those that pivot, slide, telescope etc). Lubricate the 'action' components lightly with a silicone spray or white graphite powder. Do not use lubricating products which will remain wet and attract grit. Make certain soles are kept free of lubricants or any foreign matter which could cause loss of traction.

Replacement Parts

All components are replaceable or serviceable. Determine the stilt model and size (outlined below), then refer to the parts list. Contact your dealer for part needs.

Warning: Do not make modifications or substitutions of parts or re-assembly of your stilts. Always use genuine replacement parts.

Replacement of Nylon Sleeves

1. Remove wing bolts and remove the upper foot plate (together with the extension tubes & floor plate).
2. Cut or pry the small sleeves from the extension tube upper ends and remove. The large sleeves can now be removed. (Note the orientation of the large sleeves for correct assembly).

To re-assemble:

1. Check extension tube holes for burrs; file smooth if needed.
2. 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.
3. Insert new small sleeves over the tabs of the extension tubes.
4. 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.
5. Check stilt operation by adjusting stilts up and down.
6. Replace wing bolts and tighten well.

Questions - Need Assistance?

If you have any questions or queries concerning your stilts, please contact Intex Group ph: 1300 107 108, email: service@intex.com.au.

DO...

DO...inspect stilts thoroughly before use, making sure that the structure is free of any sign of damage, 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. **DO**...replace any damage or excessively worn stilt components before use. **DO**...fasten the upper leg strap first when putting on stilts. **DO**...remove anything from the soles which could cause loss of traction. **DO**...keep all straps tightly fastened and secured. **DO**...remove stilts to adjust them unless assisted by another person. **DO**...take short and distinct steps, making sure the stilts are raised well clear of the floor with each step. **DO**...walk forward only, making a U-turn to reverse your direction. **DO**...keep stilts adjusted properly. **DO**...always look where you are stepping. **DO**...walk only on suitable hard surfaces and level terrain. **DO**...cover or guard floor opening, stairwells, etc. **DO**...remove stilts when climbing or descending stairs. **DO**...receive assistance when retrieving objects from the floor. **DO**...be cautious when working around low-profile furniture, fixtures, pipes, etc. **Do**...disconnect upper leg straps last when removing stilts.

DON'T...

DON'T...wear stilts without having the proper instruction on the use of them. **DON'T**...wear stilts that are uncomfortable or out of adjustment. **DON'T**...wear stilts without having properly inspected them first. **DON'T**...wear stilts that have damaged, excessively worn or modified components. **DON'T**...walk on oily or otherwise slippery surfaces. **DON'T**...wear stilts on sandy, rocky, uneven, muddy, or excessively soft terrain. **DON'T**...work around uncovered floor openings, stairwells, etc. **DON'T**...work in or around loose wire, rope, electrical cords, paper bags, broken glass, conduit, etc. **DON'T**...walk on secondary scaffolding, benches, planks, stools, etc. **DON'T**...carry heavy loads while walking on stilts. **DON'T**...run or walk fast on stilts. **DON'T**...pick up objects which are lower than foot level. **DON'T**...wear stilts that are taller than necessary. **DON'T**...become so overconfident that you fail to exercise caution. **DON'T**...lean over desks, files, boxes, or other objects while on stilts. **DON'T**...be irresponsible on stilts. **DON'T**...wear stilts while under the influence of alcohol or drugs. **DON'T**...take steps so large that the action springs bottom out. **DON'T**...modify this product in any manner.

Intex Group Stilts Warranty

All warranties contained herein are non-transferable and limited exclusively to the original purchasers of the Intex Hi-Stride® Stilts. The literature, statements, technical information and recommendations are based on information we believe to be true and reliable, but the accuracy of completeness thereof is not guaranteed.

90-day limited Warranty:

Intex Group warrants the Intex Hi-Stride® Stilts to be free of defects in material and workmanship for a period of 90 days following the date of purchase, provided the stilts are properly assembled, used and maintained in accordance with the instructions included with the product. Excluded from this warranty are stilts subjected to abuse, misuse, neglect, modification and accidental or intentional damage.

One-year limited structural Warranty:

Intex Group warrants all Intex Hi-Stride® Stilts structural components to be free of defects in material and workmanship for a period of one year following the date of purchase, provided the stilts are properly assembled, operated and maintained in accordance with the instructions included with the product. Excluded from this warranty are components subject to normal wear including but not limited to, nylon Bearings, sleeves, leg band pads, soles, springs and straps. Also excluded from this warranty are stilt components subjected to abuse, misuse, neglect, modification and accidental or intentional damage.

Warranty service:

For warranty service, return the Intex Hi-Stride® Stilts or components, with explanation prepaid to Intex Group. We will repair or replace the component in question and return the product to you free of charge.

All warranties contained herein are limited only to repair and replacement of parts and product. Excluded from all warranties contained herein are inbound freight and postage, freight losses, labour charges outside our facility and damages caused by the customer improperly assembling the stilts, or any accidental or intentional damage. Also excluded from all warranties contained herein are consequential damages, incidental damages to persons and/or property connected with the use of Intex Hi-Stride® Stilts.

Intex Group reserves the right to change, modify or improve the design of Intex Hi-Stride® Stilts without assuming any obligations or liabilities relating to any stilts previously manufactured for/by Intex Group.

No other warranties, expressed or implied, including warranties of merchantability or fitness for intended purpose shall be applicable to any Intex Group stilt.

The warranties contained herein shall constitute the buyers sole right and remedy relating to any Intex Group stilt. In no event shall Intex Group have any liability for consequential damages; or for loss, damage or expense directly or indirectly arising from the use of any Intex Hi-Stride® Stilts; or any inability to use the Intex Hi-Stride® Stilts either separately or in combination with other equipment or materials or from any other cause.

The liability of Intex Group arising out of contract, negligence, strict liability in tort or warranty shall not exceed any amounts paid by the buyer or user for the Intex Hi-Stride® stilts.

Intex Hi-Stride® Stilts - Single Pole

Part No.	Description	Part No.	Description
HSP2440	Stilt, Adjustable from 24" to 40"	HSP23-A	1" O/D Lower Strut Tube (1523)
HSP1830	Stilt, Adjustable from 18" to 30"	HSP24	1/4"-20 x 1-3/4" Cap Screw
HSP1523	Stilt, Adjustable from 15" to 23"	HSP24-1	Bushing
HSP1	Leg Band with Pad	HSP25	1/4"-20 x 1-5/8" Cap Screw with Locknut
HSP2	Leg Bands Spacer	HSP26	Nylon floor Plate
HSP3	1/4"-20 x 2" Flat Head Machine Screw w/ Locknut	HSP27	1/4"-20 x 1-5/8" Cap Screw
HSP4	Leg Strap	HSP28	1/4"-20 x 1-5/8" Cap Screw with Square Nut
HSP5-C	1-1/8" O.D. Upper Side Pole (2440 only)	HSP29	Slide Pole Cap Clamp (F)
HSP5-B	1-1/8" O.D. Upper Side Pole (1830 only)	HSP30	Slide Pole Support Clamp (B)
HSP5-A	1-1/8" O.D. Upper Side Pole (1523 only)	HSP31	3 mm Metal Clamp Bracket
HSP6	#10-24 x 1/2" Machine Screw with Nut	HSP32	1/4"-20 x 1-5/8" Cap Screw with Locknut
HSP7	Arch Strap	HSP33	Upper Strut Tube Cap Plug
HSP8	Toe Strap	HSP35	Strap Mounting Screw
HSP9	Nylon Foot Plate	HSP37	Sole Mounting Screw
HSP10	Adjustable Heel Bracket	HSP42	Wing Bolt with Washer
HSP11	Leg Bearing	HSP44	Lower Coil Spring (Zinc Plated)
HSP12	1/4" Flat Washer	HSP45	Entire Spring Assembly
HSP13	1/4"-20 Locknut	HSP46	Replaceable Sole
HSP14	1/4"-20 Hex nut	HSP47-B	Forward Adjustable Leg Extrusion (1830)
HSP15	Spring Adjuster	HSP47-C	Forward Adjustable Leg Extrusion (2440)
HSP16	Upper Coil Spring (Black)	HSP47-A	Forward Adjustable Leg Extrusion (1523)
HSP17	2-3/4" x 3/4" Strap Mounting Metal Plate	HSP48	Downward Large Nylon Sleeve
HSP18	Nylon Spring Bearing	HSP49	Upward Small Nylon Sleeve
HSP19	#8 x 3/8" Self Threading Screw	HSP50-B	Outward Leg Extrusion (1830)
HSP20	Spring Divider	HSP50-C	Outward Leg Extrusion (2440)
HSP21	Large Leg Band Support Washer	HSP50-A	Outward Leg Extrusion (1523)
HSP22	1/4" x 7-7/8" Stud Threaded Both Ends	HSP51-B	Inner Extension Tube (1830)
HSP23-B	1" O/D Lower Strut Tube (1830)	HSP51-C	Inner Extension Tube (2440)
HSP23-C	1" O/D Lower Strut Tube (2440)	HSP51-A	Inner Extension Tube (1523)

Intex Hi-Stride® Stilts - Single Pole

Adjustable aluminium stilts with proven durability and innovative design. All parts are replaceable. Spring is adjustable for individual wearer's forward and rearward movements.

SHA1830	Medium Aluminium Stilts	Aluminium	450 - 750mm	1
SHA2440	Large Aluminium Stilts	Aluminium	600 - 1000mm	1
SHA1523	Small Aluminium Stilts	Aluminium	380 - 585mm	1



Intex Hi-Stride® Stilts - Dual Pole

Part No.	Description
HSP2440	Stilt, Adjustable from 24" to 40"
HSP1830	Stilt, Adjustable from 18" to 30"
HSP1523	Stilt, Adjustable from 15" to 23"
HSP1	Leg Band with Pad
HSP2	Leg Bands Spacer
HSP3	1/4"-20 x 2" Flat Head Machine Screw w/ Locknut
HSP4	Leg Strap
HSP5-C	1-1/8" O.D. Upper Side Pole (2440 only)
HSP5-B	1-1/8" O.D. Upper Side Pole (1830 only)
HSP5-A	1-1/8" O.D. Upper Side Pole (1523 only)
HSP6	#10-24 x 1/2" Machine Screw with Nut
HSP7	Arch Strap
HSP8	Toe Strap
HSP9	Nylon Foot Plate
HSP10	Adjustable Heel Bracket
HSP11	Leg Bearing
HSP12	1/4" Flat Washer
HSP13	1/4"-20 Locknut
HSP14	1/4"-20 Hex nut
HSP15	Spring Adjuster
HSP16	Upper Coil Spring (Black)
HSP17	2-3/4" x 3/4" Strap Mounting Metal Plate
HSP18	Nylon Spring Bearing
HSP19	#8 x 3/8" Self Threading Screw
HSP20	Spring Divider
HSP21	Large Leg Band Support Washer
HSP22	1/4" x 7-7/8" Stud Threaded Both Ends
HSP23-B	1" O/D Lower Strut Tube (1830)
HSP23-C	1" O/D Lower Strut Tube (2440)

Part No.	Description
HSP23-A	1" O/D Lower Strut Tube (1523)
HSP24	1/4"-20 x 1-3/4" Cap Screw
HSP24-1	Bushing
HSP25	1/4"-20 x 1-5/8" Cap Screw with Locknut
HSP26	Nylon floor Plate
HSP27	1/4"-20 x 1-5/8" Cap Screw
HSP28	1/4"-20 x 1-5/8" Cap Screw with Square Nut
HSP29	Slide Pole Cap Clamp [F]
HSP30	Slide Pole Support Clamp [B]
HSP31	3 mm Metal Clamp Bracket
HSP32	1/4"-20 x 1-5/8" Cap Screw with Locknut
HSP33	Upper Strut Tube Cap Plug
HSP35	Strap Mounting Screw
HSP37	Sole Mounting Screw
HSP42	Wing Bolt with Washer
HSP44	Lower Coil Spring [Zinc Plated]
HSP45	Entire Spring Assembly
HSP46	Replaceable Sole
HSP47-B	Forward Adjustable Leg Extrusion (1830)
HSP47-C	Forward Adjustable Leg Extrusion (2440)
HSP47-A	Forward Adjustable Leg Extrusion (1523)
HSP48	Downward Large Nylon Sleeve
HSP49	Upward Small Nylon Sleeve
HSP50-B	Outward Leg Extrusion (1830)
HSP50-C	Outward Leg Extrusion (2440)
HSP50-A	Outward Leg Extrusion (1523)
HSP51-B	Inner Extension Tube (1830)
HSP51-C	Inner Extension Tube (2440)
HSP51-A	Inner Extension Tube (1523)

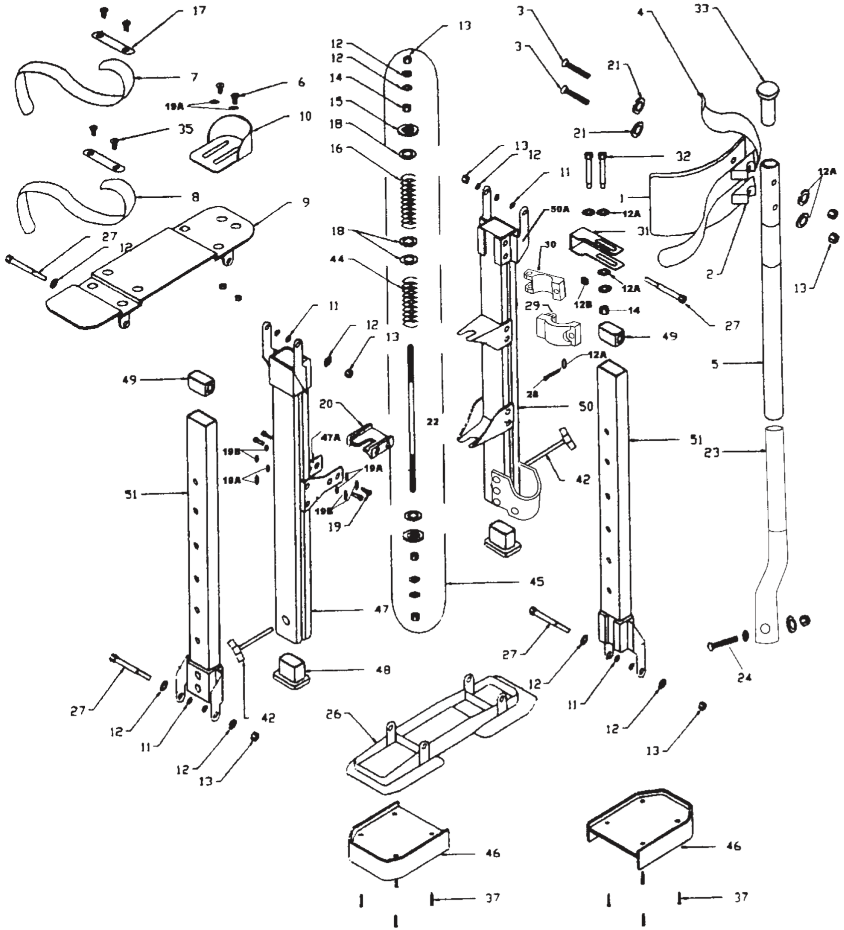
Intex Hi-Stride® Stilts - Dual Pole

New generation dual support pole design for increased leg support, user comfort and greater stability. Fully adjustable with proven durability and innovative design. All parts are replaceable.

CODE	DESCRIPTION	MATERIAL	HEIGHT	CTN QTY
SHX1830	Medium Magnesium Double Support Stilts	Magnesium	450 - 760mm	1
SHX2440	Large Magnesium Double Support Stilts	Magnesium	610 - 1015mm	1



Intex Hi-Stride®
EXPLODED VIEW





Intex

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