Drywall Panel Lifter | Operation Manual

WARNING: Read and become familiar with this manual BEFORE operating unit.
Failure to do so could result in serious property damage and or serious bodily injury.

contents

Intex Drywall Sheet Lifter

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WARNING!
BEFORE OPERATING THIS EQUIPMENT, THOROUGHLY READ THIS SET OF INSTRUCTIONS, MAKE SURE YOU UNDERSTAND THEM, AND ONLY THEN FOLLOW THE STEP-BY-STEP DIRECTIONS. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS COULD RESULT IN FAILURE OF THE EQUIPMENT.
FAILURE OF THE EQUIPMENT WHILE THE LIFT IS RAISED CAN INCLUDE A SUDDEN AND RAPID LOWERING OF THE LIFT AND LOAD POSSIBLY RESULTING IN SERIOUS PROPERTY DAMAGE AND/OR SERIOUS BODILY INJURY.

• Use and maintenance of the Intex Sheet Lifter shall be limited to authorised personnel who are trained in the proper techniques for its safe operation and maintenance and who are familiar with the various hazards of overhead material handling.

• As with any lifting equipment, **ALWAYS WEAR A HARD HAT** when operating the Intex Sheet Lifter. Failure to do so could result in serious bodily injury.

• **DO NOT ATTEMPT TO USE YOUR INTEX SHEET LIFTER IF ANY PART IS MISSING, DAMAGED OR WORN. ORDER A REPLACEMENT PART IMMEDIATELY.** Using a Intex Sheet Lifter with missing, damaged or worn components can result in failure of the unit and possibly severe property damage and/or serious bodily injury.

• **INSPECT THE CABLE BEFORE EACH USE. REPLACE AT THE FIRST SIGN OF WEAR**. A worn, damaged or improperly installed cable can fail resulting in a sudden and rapid lowering of the lift and the load and possibly resulting in serious property damage and/or serious bodily injury. Inspect the cable by disassembling the telescoping system and examine the full length of the cable for signs of damage or wear. Replace the telescoping sections according to the instructions on page 9 - 12 of this manual.
(See page 14 for general standards for cable inspection.)

• **The weight capacity of the Intex Sheet Lifter is 150 lbs. (68 kg). DO NOT load the unit beyond this limit. Load only one sheet of drywall at a time.** Failure to follow this warning can result in damage to the Intex Sheet Lifter contributing to a sudden failure of the machine and serious property damage and/or serious bodily injury.

• **DO NOT ROLL** a loaded Intex Sheet Lifter while the load is raised. Always keep the load lowered until the lift is in place beneath the space in which the loaded drywall will be installed. Rolling a Intex Sheet Lifter while the load is raised can result in tipping the lift and load possibly resulting in serious property damage and/or serious bodily injury.

• Operate the Intex Sheet Lifter only on hard, flat, level surfaces free of obstructions, debris, clutter, pits, holes or openings. Failure to follow this warning can result in tipping the lift and load possibly resulting in serious property damage and/or serious bodily injury.

• The Intex Sheet Lifter is designed exclusively as a material lift and shall be used for no other purpose. The Intex Sheet Lifter is not a personnel lift or platform and shall not be used as such. Using the Intex Sheet Lifter for purposes other than a material lift can subject the unit to stresses and loads that it was not designed to carry. This can result in failure of the unit which may include a sudden and rapid lowering of the lift and the load possibly resulting in serious property damage and/or serious bodily injury.

• The Intex Sheet Lifter is made of steel which conducts electricity. **KEEP THE UNIT AWAY FROM LIVE ELECTRICAL WIRES.** Failure to do so could result in electrocution.

• Use only factory authorised replacement parts. Installation of other parts can compromise the safe design of the Intex Sheet Lifter and may cause failure of the unit possibly resulting in serious property damage and/or serious bodily injury.

• Moving the Intex Sheet Lifter from a cold environment to a warm one may cause condensation to form on metal surfaces creatinga potential for malfunction. Such malfunction could possibly result in serious property damage and/or serious bodily injury: Allow the unit to reach working room temperature and check to make sure that the winch brake drum is clean and dry before operating.

• DO NOT pass your hand through the spokes on the winch when operating the unit as this could result in serious bodily injury.

COMPONENTS & SPECIFICATIONS

A Complete frame assembly with winch and standard telescoping sections.

B Cradle assembly - less detachable cross arms.

C Cradle cross arms (1 pair).

D Complete tripod base assembly.

Specifications

Code:	PL164
Sheet Quantity Capacity:	Single
Load Rating:	**68kg** *(150 Lbs)* Do Not Exceed.
Maximum Height:	**335cm** *(11')* **457cm** *(15')* with optional extension.
Loading Height:	**86cm** (34")
Net Weight:	Approximately **45kg** *(100 Lbs)*

CARE & MAINTENANCE

- ***Inspect cable FREQUENTLY. (At least daily and before each use) Replace at the first sign of wear. (See Warnings on Pages 3 & 8)***

- ***Occasionally oil the cable sheaves and caster bearings.***

- ***Store the Intex Sheet Lifter in a dry place.***

- ***Do not allow grease or oil to contact the surface of the winch brake drum. (Powdered gypsum applied to the brake will help dry the surface.)***

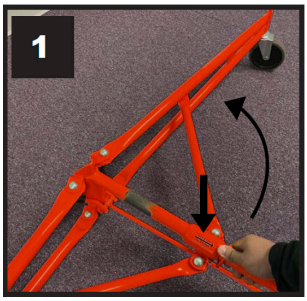
- ***Apply household paraffin to the surfaces of the telescoping sections, for smoother action.***

- ***Take reasonable care to avoid damaging the Intex Sheet Lifter when transporting it.***

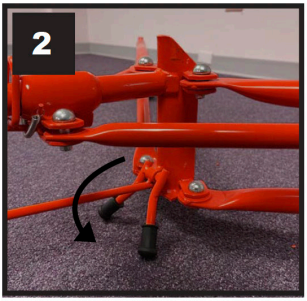
- ***Do not hammer on any members or components of the Intex Sheet Lifter .***

- ***When disposing of the Intex Sheet Lifter at the end of it's useful life, removing the cable to make inoperable. When possible, recycle components at the appropriate center for steel, aluminum, brass or plastic. Otherwise, dispose of as with any other inert, nontoxic, nonhazardous solid.***

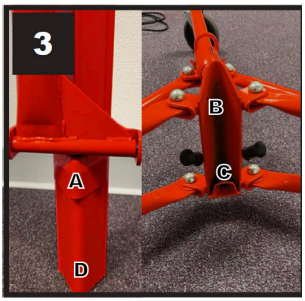
ASSEMBLY & USE



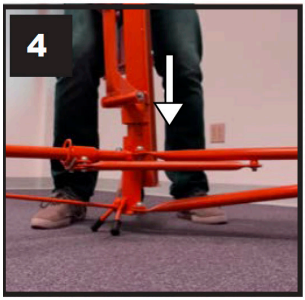
1. Start by setting up the tripod base. Press down on the slide yolk and push it forward and swing the outer legs out until they lock in working position. *(note the holes on the bottom of the slide tube).*



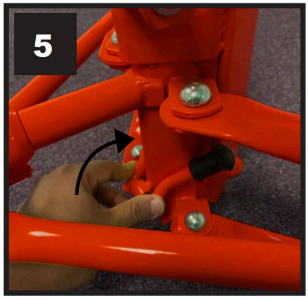
2. Before placing the frame on the tripod, flip the backstops down to prevent the tripod from moving.



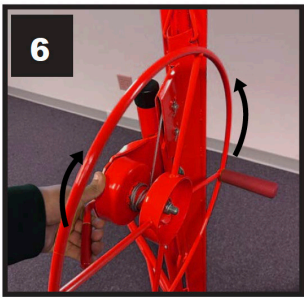
3. When placing the frame; pocket "A" slides over angle "B" while angle "C" slides inside angle "D".



4. Place the frame on the tripod.



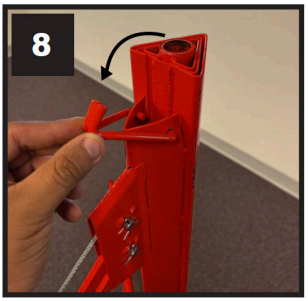
5. When the frame is correctly positioned on the tripod base, you may flip the backstops back up.



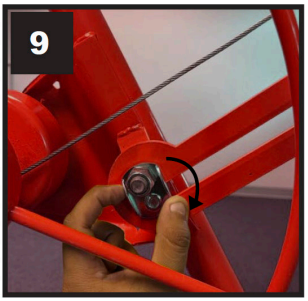
6. To move the winch in working position raise the brake arm up with your left hand while rotating the winch counter clockwise.

Do this until the winch is fully extended and then release the brake arm.

7. Do this until the winch is fully extended and then release the brake arm.

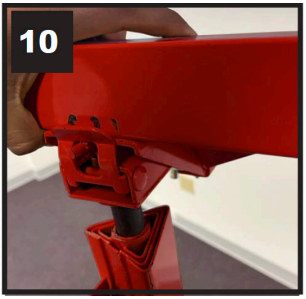


8. Pull the retaining hook down from the telescoping sections.



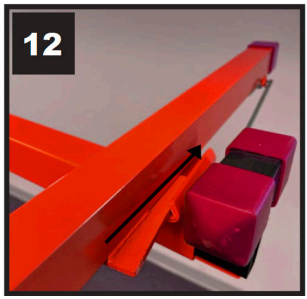
9. Always check to make sure that the slide bar lock is fully engaged by rotating it clock wise as far as possible before proceeding. *(Do not tighten the slide bar lock nut assembly).* This will make it impossible to collapse the Sheet Lifter properly for transport and storage.

ASSEMBLY & USE *Cont'*

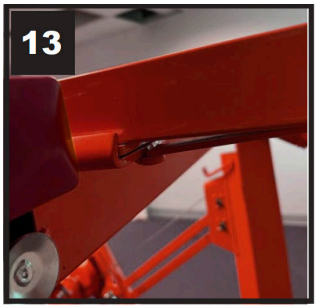


10. Mount the cradle on top of the telescoping sections.

11. Place the tapered plates of the cross arms into the tapered sockets on the cradle.

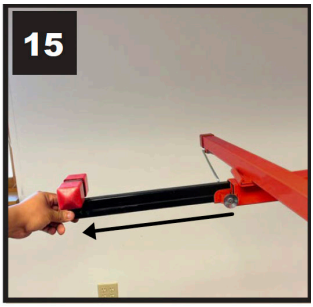


12. Slide the cross arms in until the spring tab locks in. Do this to with both cross arms.



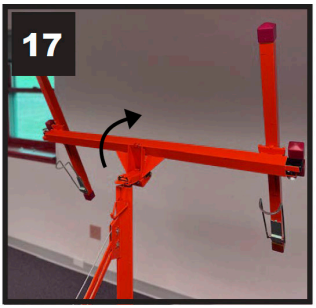
13. Make sure the spring tab is locked against the tapered sockets. This will prevent the cross arms from falling out.

14. To extend the outriggers for use, pull out on the outrigger lock pin with your right hand and slide the outrigger out with your left hand.



15. The lock pins will engage at three different points on the outrigger. *(Make sure that the lock pins are engaged in one of the three positions before loading the unit.)*

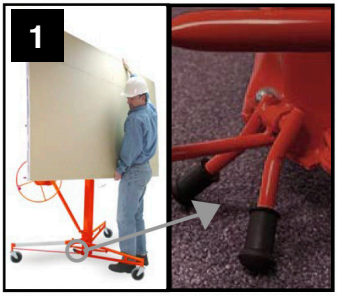
16. Flip out the tilt latch to allow the cradle to tilt for loading and for hanging drywall on sidewalls and sloped ceilings.

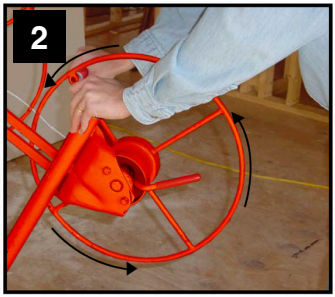


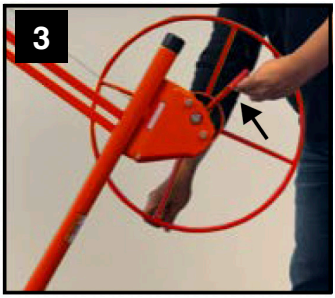
17. Tilt the cradle as shown in the image and flip both handles out to begin loading your sheetrock onto the lift.

18. Your Sheet Lifter is fully setup!

OPERATION



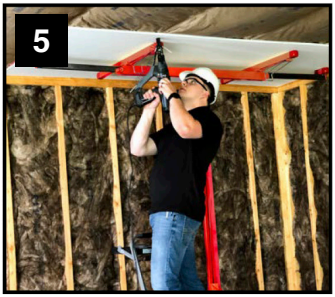




1. To Load: Set the backstop on the tripod base to hold the unit in position. Extend the cradle outriggers to properly support the drywall, tilt the cradle, and swing out the cross arm support hooks. Load the Sheet Lifter from the front as shown with the face paper of the drywall contacting the cradle.

2. To raise the Sheet Lifter, rotate the winch wheel in the direction shown. The brake arm is spring loaded to hold the winch automatically at any height.

3. To lower the Sheet Lifter, control the backward rotation of the winch by grasping the winch handle with your right hand BEFORE releasing the brake with your left hand. ALWAYS use this two hand method when lowering the Sheet Lifter.



4. The Sheet Lifter will hold drywall in position on sidewalls and sloped ceilings in addition to level ceilings. The cradle also tilts up to 10 longitudinally.

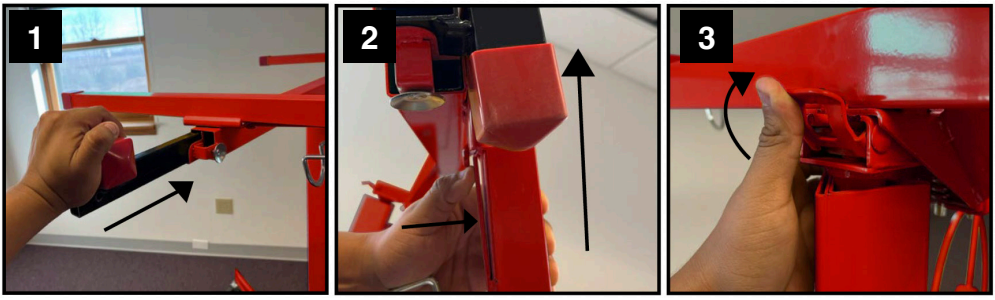
(USE THE BACKSTOP ON THE TRIPOD BASE WHEN WORKING IN SIDEWALLS AND SLOPED CEILINGS.)

5. When working on sloped ceilings, start at the peak and work down.

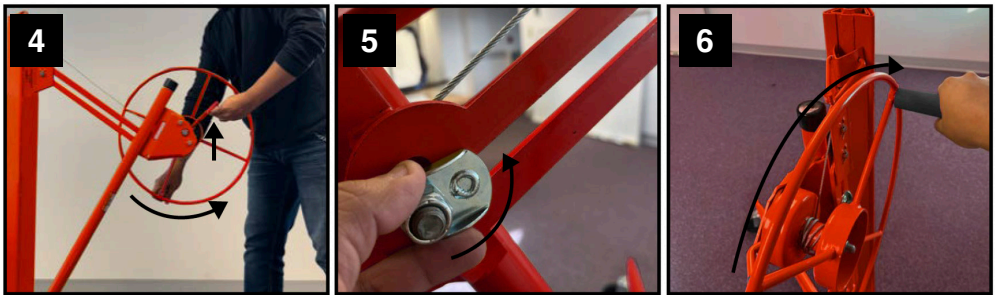
WARNING!

DO NOT ROLL A LOADED SHEET LIFTER WHILE THE LOAD IS RAISED. ALWAYS KEEP THE LOAD LOWERED UNTIL THE LIFT IS IN PLACE BENEATH THE SPACE IN WHICH THE LOADED PANEL WILL BE INSTALLED. ROLLING A SHEET LIFTER WHILE THE LOAD IS RAISED CAN RESULT IN TIPPING THE LIFT AND LOAD POSSIBLY RESULTING IN SERIOUS PROPERTY DAMAGE AND/OR SERIOUS BODILY INJURY.

DISASSEMBLY

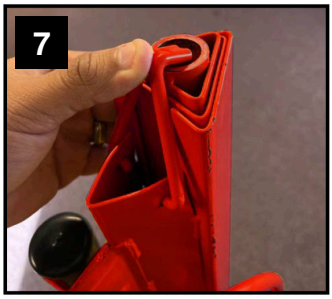


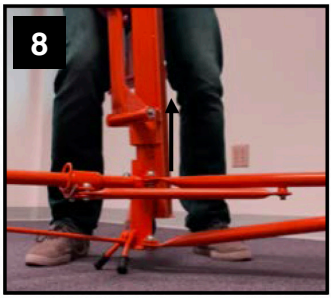
1. Slide the cradle outriggers all the way back in on both sides.
2. Remove the cross arms by pressing the spring tab on the bottom and sliding the cross arm out of the tapered socket.
3. Lock the cradle tilt latch and lift the cradle off the frame.

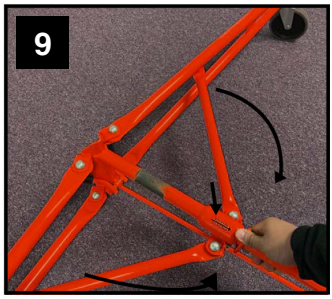


4. Release the brake arm and rotate the winch counter-clockwise one full rotation to loosen the cable a bit.
5. Raise up on the slide bar with your left hand while rotating the slide bar lock counter-clockwise with your right hand.
6. Slowly rotate your winch clockwise to retract the cable until the winch assembly is in a straight up position, right before the telescope beings popping out.

DISASSEMBLY *Cont'*







7. With the telescoping section all the way down, position the retaining hook over the top as shown and then rotate the winch clockwise one-third of a rotation or until it is hard to rotate.
8. Lift the frame off the tripod base.
9. To collapse the tripod base, press down on the slide yolk pin clip and swing the legs in until they lock in the closed positioned.

Once Fully disassembled, you should be left with five parts.
(frame, CRadle, x 2 Crossarms and Tripod)

CABLE REPLACEMENT INSTRUCTIONS

Cable Sheave Replacement Procedure for Intex Sheet Lifter Model 125

WARNING!
BEFORE INSTALLING THIS COMPONENT, THOROUGHLY READ THIS SET OF INSTRUCTIONS, MAKE SURE YOU UNDERSTAND THEM, AND ONLY THEN FOLLOW THE STEP-BY-STEP DIRECTIONS. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS COULD RESULT IN FAILURE OF THE EQUIPMENT. FAILURE OF THE EQUIPMENT WHILE THE LIFT IS RAISED CAN INCLUDE A SUDDEN AND RAPID LOWERING OF THE LIFT AND LOAD POSSIBLY RESULTING IN SERIOUS PROPERTY DAMAGE AND/OR SERIOUS BODILY INJURY.

BEFORE INSTALLING THE COMPONENTS DESCRIBED IN THESE INSTRUCTIONS READ AND BECOME FAMILIAR WITH THE COMPLETE OPERATOR'S MANUAL FOR THE INTEX SHEET LIFTER.

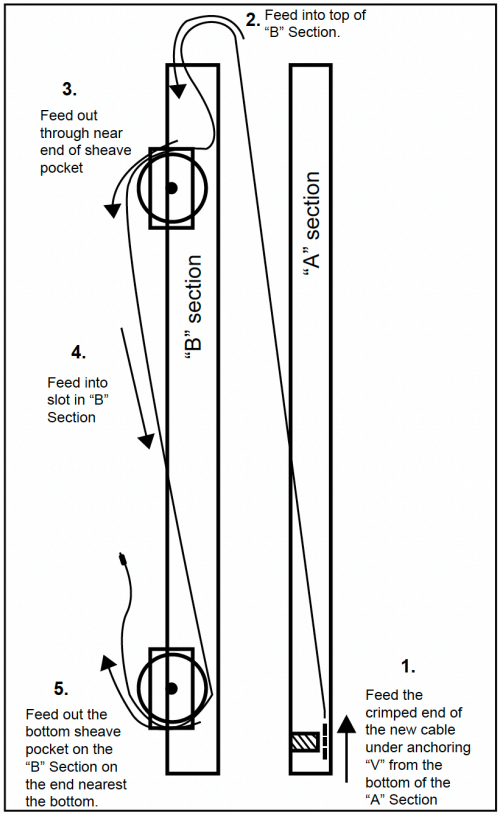
• Use and maintenance of the Intex Sheet Lifter shall be limited to authorised personnel who are trained in the proper techniques for its safe operation and maintenance and who are familiar with the various hazards of overhead material handling.

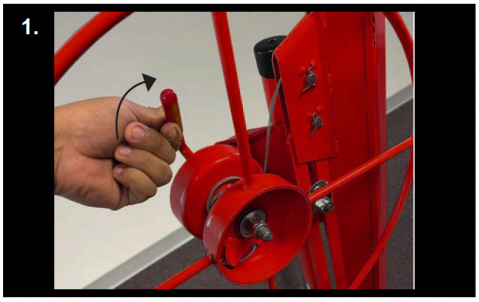
• **DO NOT ATTEMPT TO USE YOUR INTEX SHEET LIFTER IF ANY PART IS MISSING, DAMAGED OR WORN. ORDER A REPLACEMENT PART IMMEDIATELY**. Using a Intex Sheet Lifter with missing, damaged or worn components can result in failure of the unit and possibly severe property damage and/or serious bodily injury.

• Inspect the Sheaves (Pulleys) and follow the procedure at the right to replace when worn. Sheave *(Pulley)* wear can occur where the cable rides and on the axle. Make sure to inspect both. Sheave can either be brass or aluminium. The sheave on the left is badly worn on both the axle and cable groove. Sheave on right is a new sheave.

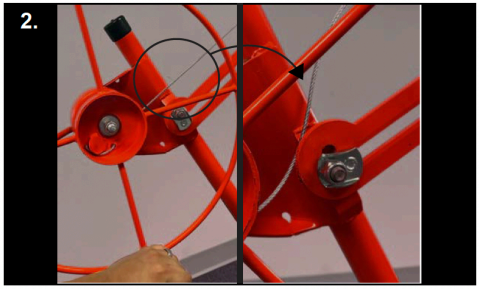
• Use only factory authorised replacement parts. Installation of other parts can compromise the safe design of the Intex Sheet Lifter and may cause failure of the unit possibly resulting in serious property damage and/or serious bodily injury.

• Inspect and replace sheaves (pulleys) before replacing the cable. There are 3 sheaves on the Intex Sheet Lifter, one on the frame and two on the *B* telescoping section. Sheaves should be solid on their axle and not move up and down or back and forth. To replace, remove cotter keys and discard old axle and sheave. Replace with new sheave, axle and new cotter keys.



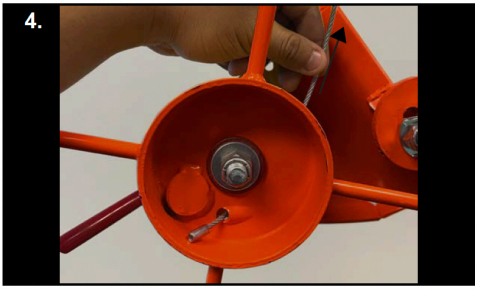


1. Start by loosening the cable. To do this lift the brake arm and rotate the winch handle counter-clockwise to loosen the cable.



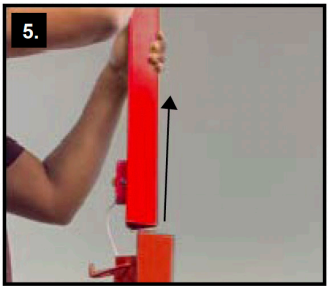
2. Once the winch frame is down, allow the brake arm to continue losening the cable as shown in the image above.

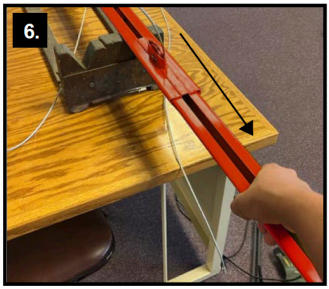
3. Pinch and pull the cable out from the winch drum. BE CAREFUL! a worn cable can have frayed strands. Wearing gloves will help protect your hands.

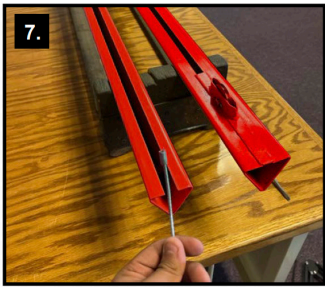


4. Once the cable tab is pulled out from the mooring tab, then pull the cable out of the winch drum hole.

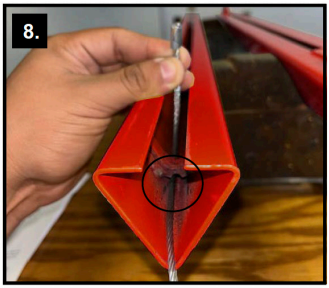
CABLE REPLACEMENT *Continued'*

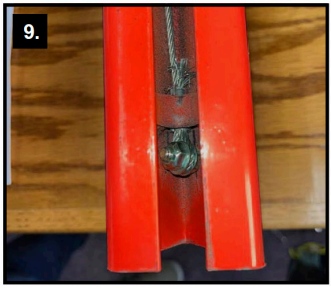


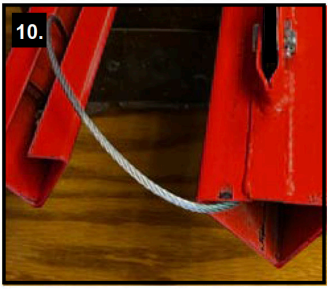




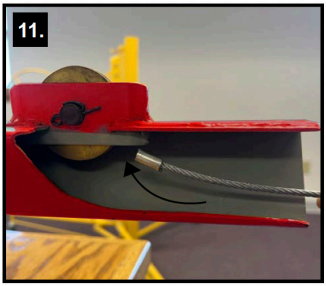
5. Pull the two telescoping sections together and lift them out as a unit. Pulling the cable will help to raise them. Be careful for loose strands or frays on the cable.
6. Set the telescope down on a flat surface like a table and begin pulling the "A" telescope out from the "B" telescope.
7. Completely remove the old cable out of both telescopes, starting from the end of the "B" telescope.

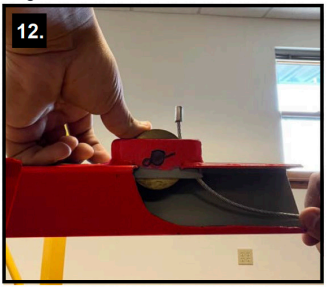




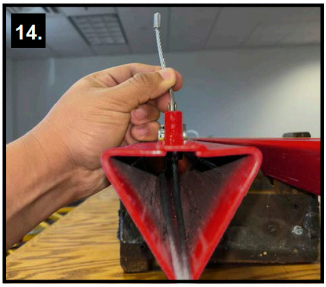


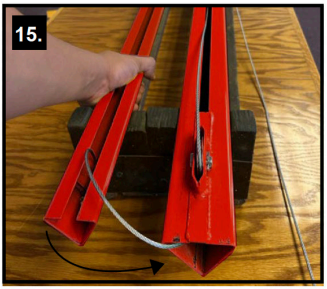
8. Grab the new cable and feed the crimped end of the cable through the "A" sections anchoring "V" from the bottom as shown.
9. Pull the cable all the way through and make sure the anchoring end of the cable is pulled snugly against the anchoring "V" as shown.
10. Grab the crimped end of the cable and begin placing it into the "B" section as shown above.

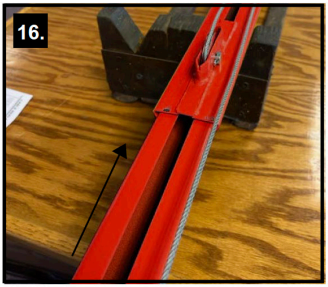




11. (Displayed is a cut open telescope for explaining purposes.) Insert the crimped end of the cable into the TOP end of the "B" section as shown.
12. Slide the cable until you feel it hit the sheave. Once you feel like you've made contact, begin spinning the sheave clockwise while continuing to push the cable in. This will help the cable pop out of the sheave as shown.
13.. Pull the cable up from the sheave and drag it through the inside center of the "B" section all of the way through to the other side.

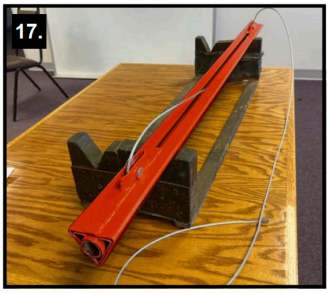


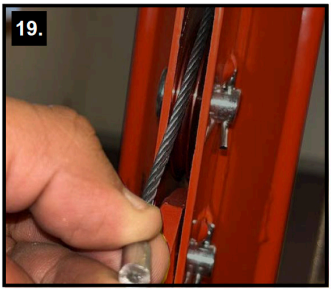




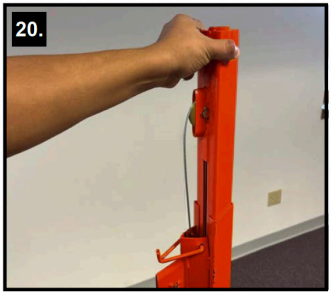
14. Once the cable is all of the way through, place it back inside of the "B" section and go through the top of the sheave as done previously before.
15. Pull the cable until a little to no slack left, then grab the "A" section where you began inserting the cable and place it through the "B" section.
16. Slide the "A" section all of the way through the "B" section as it previously was before taking it apart. (holding onto the cable may help while inserting the "A" section.)

CABLE REPLACEMENT *Continued'*

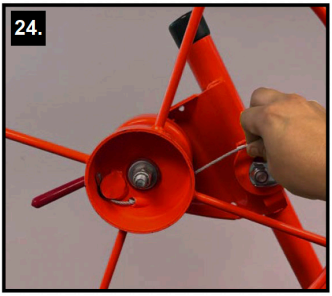


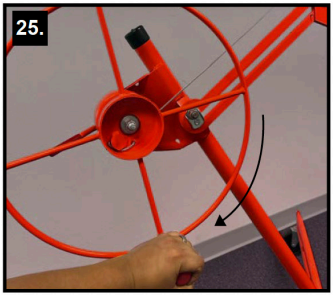


17. With both sections together as shown above, you may begin placing it back into the frame.
18. Slide the crimped end of the cable through the top of the sheave of the frame.
19. Pull the cable up from the sheave and drag it through the inside center of the "B" section all of the way through to the other side.



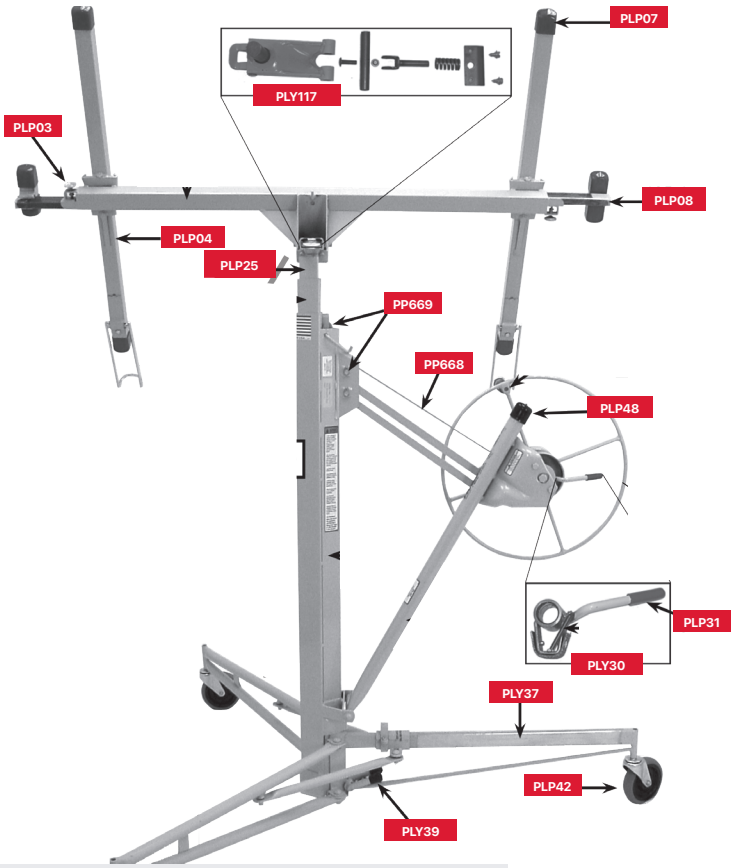
20. With the cable showing out of the frame and on top of the sheave, start inserting the two telescopes into the frame.
21. Grab the excess cable and place it through the winch drum.
22. Feed the crimped end of the cable through the hole in the winch drum and secure it behind the mooring tab.





23. With the excess cable push the cable into the mooring tab by hand as shown above.
24. Next pull onto the cable until the crimped part of the cable is snug under the mooring tab.
25. Turn the winch handle clockwise to remove the slack from the cable. After following these steps, your new cable should be good to use. *(Make sure to first test the cable by itself by raising the cradle up and down a few times without having anything else on the cradle.)*

PARTS INDEX *PL164*



Drywall Sheet Lifter Spare Parts

PP668	Sheet Lifter Part - Cable	9341229226026
PP669	Sheet Lifter Part - Brass Sheave Incl. Axle Pins	9341229226033
PLP03	Sheet Lifter Part - Pull Pin Incl Fasteners	9341229226040
PLP04	Sheet Lifter Part - Arm	9341229226057
PLP07	Sheet Lifter Part - Panel Lift End Cap	9341229226064
PLP08	Sheet Lifter Part - Out Rigger incl End Cap	9341229226071
PLP25	Sheet Lifter Part - Winch Assembly	9341229226088
PLP31	Sheet Lifter Part - Brake Arm Endcap	9341229226095
PLP42	Sheet Lifter Part - Caster Wheel	9341229226101
PLP48	Sheet Lifter Part - End Cap	9341229226118
PLY30	Sheet Lifter Part - Brake Arm Assembly Type TN	9341229226125
PLY37	Sheet Lifter Part - Centre Leg Type TN	9341229226132
PLY39	Sheet Lifter Part - Back Stop Tip Type TN	9341229226149
PLY117	Sheet Lifter Part - Mounting Head Assembly	9341229226743
PLY100	Sheet Lifter Kit -Cradle Assembly	9341229228020
PLY200	Sheet Lifter Kit - Complete frame assembly	9341229228037
PLY400	Sheet Lifter Kit - Complete Tripod base assembly	9341229228044

Intex Sheet Lifter Kits

INSTALLATION OF OPTIONAL EXTENSION 186

WARNING!

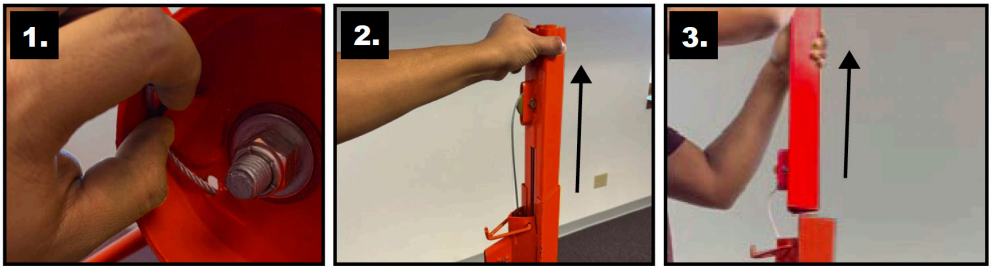
THE 186 EXTENSION IS DESIGNED ONLY FOR USE IN THE INTEX SHEET LIFTER:

• DO NOT INSTALL THE 186 EXTENSION IN ANY OTHER BRAND OF INTEX SHEET LIFTER BESIDES THE INTEX SHEET LIFTER .

• INSTALLING THE 186 EXTENSION IN ANY DRYWALL LIFTER OTHER THAN THE INTEX SHEET LIFTER CAN SUBJECT THE ASSEMBLY TO STRESSES AND LOADS THAT IT WAS NOT DESIGNED TO CARRY. THIS CAN RESULT IN FAILURE OF THE UNIT POSSIBLY RESULTING IN SERIOUS PROPERTY DAMAGE AND/OR SERIOUS BODILY INJURY.

BEFORE INSTALLATION OR USE, COMPLETELY READ AND UNDERSTAND THE OPERATOR'S MANUAL FOR THE INTEX SHEET LIFTER.

(NOTE: The following procedure is also to be followed when reinstalling the standard telescoping sections into the lift.)



1. Loosen the cable from the mooring tab on the winch and pull it out from the winch drum. BE CAREFUL! A worn cable can have frayed strands. Wearing gloves will help protect your hands.

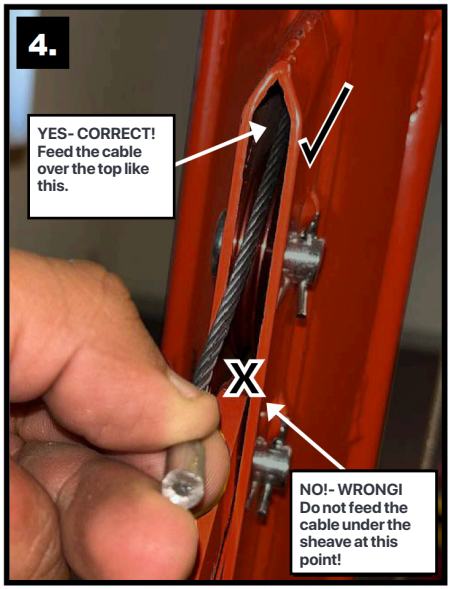
2. Pinch the two telescoping sections together and lift them out as a unit. Pulling the cable will help to raise them.

3. Remove the two telescoping sections completely from the frame housing. Pull the cable completely out from the frame along with them. BE CAREFUL for loose strands or frays on the cable.

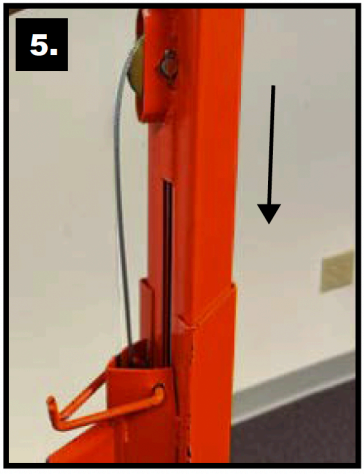
WARNING!

WHEN INSTALLING THE 186 EXTENSION; HTE CABLE MUST FEED DOWN FROM THE TOP OF THE FRAME HOUSING AND OVER THE TOP OF THE SHEAVE EXACTLY AS SHOWN IN STEP 4 ON THE NEXT PAGE IN ORDER TO FUNCTION PROPERLY. FAILURE TO INSTALL THE CABLE CORRECTLY AS SHOWN CAN CAUSE WEARING OF THE CABLE FOR WHICH IT IS NOT DESIGNED WHICH CAN RESULT IN FAILURE OF THE CABLE. FAILURE OF THE CABLE WHILE THE LIFT IS RAISED WILL RESULT IN A SUDDEN AND RAPID LOWERING OF THE LIFT AND THE LOAD POSSIBLY RESULTING IN SERIOUS PROPERTY DAMAGE AND / OR SERIOUS PERSONAL BODILY INJURY.

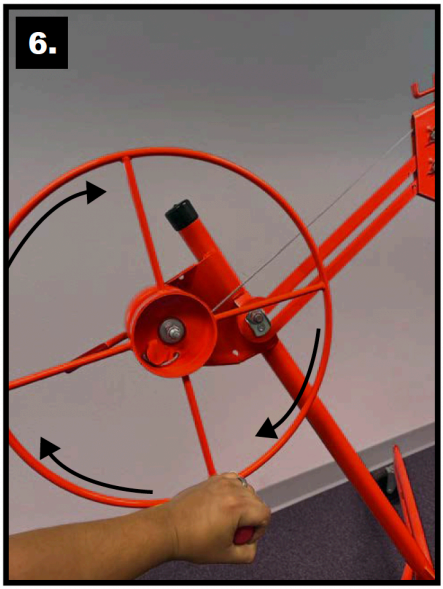
INSTALLATION OF OPTIONAL EXTENSION 186 *Continued'*



4. Feed the crimped end of the 186 cable through the frame sheave pocket from the top. It's important that the cable passes over the top of the cable sheave as shown here.



5. Pull the slack cable through the sheave pocket and slide the telescoping sections into the frame housing.



6. Feed the cable through the winch drum and secure it firmly behind the mooring tab as shown. Rotate the winch wheel in the direction indicated to take up the slack in the cable.

Thank you for choosing an Intex product!

To register your warranty, complete our online form @ intexinternational.com or scan QR below.

Warranty Statement:
Intex Group International Pty Ltd ***(Intex)*** guarantees that all products manufactured by and or for Intex shall be free from defects under normal use. Your registered warranty means that the product you have purchased is covered against such defects, in accordance with any specific warranty period and conditions stated in the manual enclosed with the product.

Warranty may invalidate due to:

- Expiry of the warranty period.
- Incorrect and unsuited product use *(i.e. not in accordance with Intex operation manual).*
- Unfulfilled specified product service or maintenance requirements.
- Careless and unsuited product handling *(i.e. damage caused by impacts, falls and climatic influences).*
- Wear and tear to normal wearing parts *(e.g. brushes, bearings, sleeves, consumable accessories etc).*
- Battery Pack faults or defects after 700 charging cycles *(even if identified inside the warranty period).*
- Product changes or modifications made from the new and original state without prior written approval from Intex.
- Service and or repairs performed by non-Authorised Intex Service Agents and or personnel.
- Non-original and genuine Intex spare parts, accessories and or consumable materials used.
- The product not being manufactured by and or for Intex.
- The product not being purchased from Intex or an Authorised Intex Reseller.
- Intex and or the Authorised Intex Reseller not having been paid in full for the product.

To find a local Authorised Service Agent, view the warranty claim process or read our terms and conditions visit **intexinternational.com**

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Intex Site Equipment

Complete the system.

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