

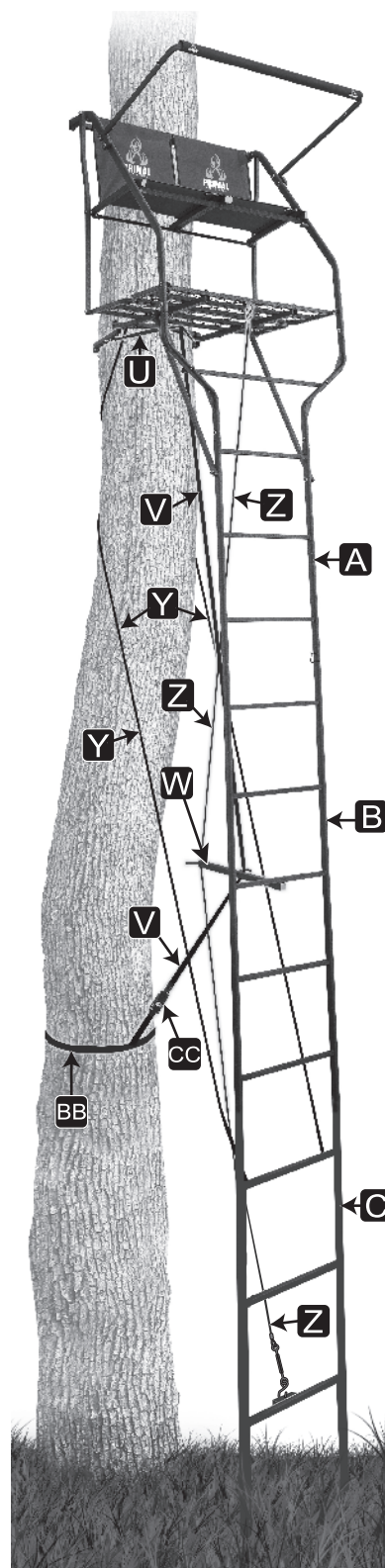
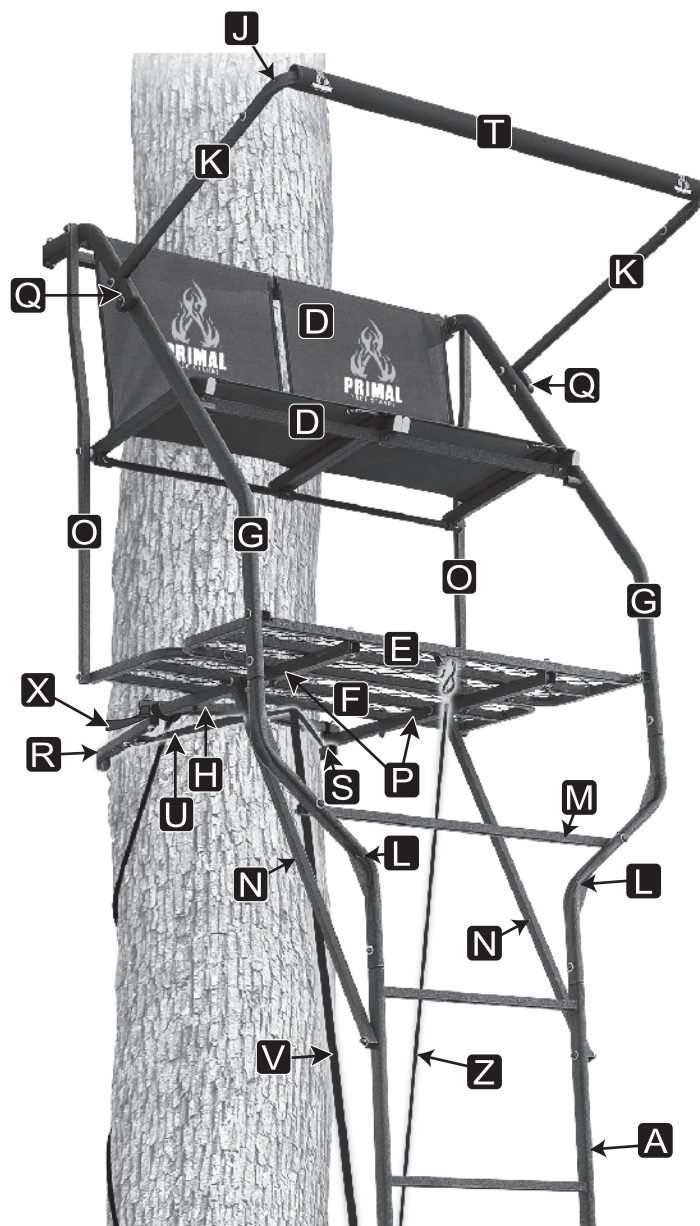
MODEL: PVLS-521

DOUBLE VANTAGE DELUXE

18' TWO MAN LADDERSTAND

- Always Wear a Safety Harness with this Product
- Practice Using at Ground Level
- Weight Limit: 500 lbs.
- Tree Size: 9"-18" diameter

Instruction and Safety Manual



WARNING

Every year serious injury or death can occur from hunting related accidents. To ensure your safety, please **COMPLETELY** read and follow this safety manual and **ALL** warning labels **BEFORE** assembling, installing or utilizing this product.

DO NOT USE THIS PRODUCT BEFORE FULLY UNDERSTANDING ALL SAFETY WARNINGS AND INSTRUCTIONS. IF YOU HAVE QUESTIONS, ARE UNSURE ABOUT ANY INFORMATION OR NEED ADDITIONAL INFORMATION CONCERNING YOUR PRODUCT, CONTACT OUR CUSTOMER SERVICE DEPARTMENT AT 1-866-972-6168 OR VISIT WWW.PRIMALTREESTANDS.COM. KEEP AND MAINTAIN THIS SAFETY AND INSTRUCTION MANUAL IN A SAFE LOCATION FOR FUTURE REFERENCE.



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SAFETY MUST BE YOUR FIRST PRIORITY WITH THIS PRODUCT

TREESTAND SAFETY WARNINGS

Please read the following instruction manual and warnings labels completely before utilizing this product. Failure to understand and execute the instructions and warnings may result in serious injury or death. In the event of an accident, have a plan for rescue, including the use of devices that may be easily reached while suspended.

ALWAYS read and understand all warnings and instructions. Watch the enclosed DVD in its entirety before doing anything with this product including assembly, installation etc. before each use of this product. Failure to read and understand all warnings and instructions and DVD material may result in serious injury or death. Contact a Customer Service Representative with any questions you may have.

NEVER exceed total weight limit of **500 lbs.** **DO NOT** use if your combined weight with all of your hunting gear and any accessories exceeds **500 lbs.** Use of tree stand over the weight limit may result in serious injury or death.

DO NOT use this tree stand while under the influence of alcohol, medication or any illegal substances. Use of tree stand while under the influence of any of these substances may result in serious injury or death.

NEVER use this treestand during inclement weather. **DO NOT** use tree stand during thunderstorms, snowstorms, hurricanes, tornadoes or any other weather conditions that include (but not limited to) lightning, icy conditions, or high winds that could create slippery or dangerous situations. End your hunt and return to the ground if inclement weather conditions arise.

NEVER use treestand if you are feeling ill, nauseous, dizzy or if you have a prior condition that could cause a problem. i.e., heart condition, joints that lock-up spinal fusions, etc., or if you are not well rested and alert. Physical ailments can reduce your ability to safely install, utilize, and remove your treestand. Please consult a physician prior to use.

NEVER use this tree stand if you have a history of health problems such as (but not limited to) heart problems, back problems, high blood pressure, impaired vision, equilibrium impairments, are afraid of heights, have been advised by a doctor or physician not to climb. If you are not physically fit, well rested, and alert, or if you have any other physical or mental condition that would impair your ability to properly use this treestand.

NEVER use this tree stand on a tree that is dead, leaning, diseased, loose barked or on a utility pole as the tree may fall, break, or uproot and may result in serious injury or death. **NEVER** rely on a branch for support.

NEVER jump or bounce on the treestand's platform or ladder sections to seat it to the tree. Instead, step firmly on the first rung of the bottom ladder section to set the ladder into the ground before proceeding to climb the ladder.

NEVER transport any of your equipment with yourself while ascending or descending the tree. You will need to have two hands free during ascending and descending for safety. Use a haul line to pull up your firearm (unloaded, chamber opened with safety lock engaged, barrel facing towards the ground), bows, arrows, knives or any other equipment to your tree stand once you have reached your desired hunting height. **ONLY** pull up hunting equipment after the tree stand has been secured to the tree and after you and your harness have been secured to the tree. Prior to descending, lower your equipment on the opposite side of the tree from which you are climbing. Make sure that the unloaded firearm's safety lock is engaged and the gun barrel is pointing towards the ground.

ALWAYS hunt with a plan and a buddy. Before you leave home, let others know your exact location, when you plan to return and who is with you.

ALWAYS carry emergency signal devices such as a cell phone, walkie-talkie, whistle, signal flare, PLD (personal location device) and flashlight with you at all times and within reach even while you are suspended in your harness. Watch for changing weather conditions. In the event of an accident, remain calm and seek help immediately.

ALWAYS inspect the tree stand and the **Fall Arrest System (FAS) (Harness)** for signs of wear or damage **BEFORE** each use. Also inspect to ensure that nuts and bolts are secure. Pay special attention to the harness and straps, guaranteeing that nothing has been frayed or severed. Destroy all products that cannot be repaired by the manufacturer. Contact a Customer Service Representative for replacement parts. The Fall Arrest System **MUST** be discarded and replaced after a fall has occurred.

DO NOT ATTACH YOUR FULL BODY HARNESS TO YOUR TREESTAND.

NEVER modify your treestand in any way by making repairs, replacing parts, or altering adding or attaching anything to it except if explicitly authorized in writing by the manufacturer. Improper installation or adjustment may cause serious injury or death. Remove all contents from box. Inspect for any damaged or missing parts. If any parts are missing or damaged, you must only use certified replacement parts. Using any other replacement parts will void product warranty. **THERE ARE NO EXTRA PARTS.** All parts **MUST** be used to ensure the safety of you and your stand. If you think parts are missing or damaged, **STOP IMMEDIATELY** and contact our Customer Service Department. Using the tree stand with missing or damaged parts may result in serious injury or death. **DO NOT** return this product to the retailer. Contact a Customer Service Representative if you have any missing, damaged or extra parts.

ALWAYS keep instructions (written and video) in a safe place and review before each use. It is the responsibility of the treestand owner to furnish the complete instructions to anyone who borrows or purchases the treestand from you. A safe treestand hunting video has been included. View it in its entirety prior to using this product.

NEVER use this treestand for any use other than hunting. Our treestands are designed for hunter's to wear a Full Body Harness. If you are not completely comfortable and confident with your ability to safely install, ascend, hunt and descend using a Full Body Safety Harness and this treestand, **DO NOT PROCEED.**

NEVER use this treestand for trimming trees.

NEVER fall asleep in your stand as you may fall out resulting in serious injury or death.

ALWAYS be sure to retighten all bolts **BEFORE** each new use of treestand.

ALWAYS have a minimum of three people present when installing or removing this treestand.



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TREESTAND SAFETY WARNINGS

NEVER adjust your stand while in use. Practice the attachment of this treestand at ground level before using in a hunting environment. **ALWAYS** ensure that you and your treestand are safely secured to a healthy tree. Your tree stand **MUST** be attached tightly to the tree and secured in place. If the stand is not secure, it may shift while in use, resulting in serious injury or death.

The Installation Cross Straps and Truss Assembly System **MUST** be properly installed before each use of the treestand.

ALWAYS inspect every ladder section connection every time you use the stand before you leave the ground. If ladder sections are separating, with the help of at least two other people, lower the stand to the ground, make adjustments, and reinstall.

ALWAYS check the ground below the tree stand to make sure it is firm and level. Sloping ground or uneven terrain (one side of a rock or root) can cause your tree stand to tilt or shift.

ALWAYS maintain three points of contact when climbing the tree stand. (Two feet and one hand **or** one foot and two hands.)

ALWAYS lean forward as you climb and attach your harness to the tree before securing the platform to the tree and stepping onto the platform.

DO NOT leave your treestand outside since weather or animals may cause damage. Tree growth can also cause stress and damage straps and buckles. It must be stored inside, free of moisture, when not in use.

NEVER wear jewelry or loose fitting clothing, which can cause hazardous conditions. Clothing may be caught in your equipment and cause you to fall. You must always wear non-slip or rubber boots. Shoelaces must be tucked into your boots. Rings and necklaces **MUST NOT** be worn.

NEVER use this treestand with a third person. The treestand is designed for use by **TWO** people.

NEVER let children use this treestand without adult supervision. This treestand is not a toy. No one under the age of 18 should attempt to use this product without direct adult supervision.

DO NOT use tree stand if any nuts or bolts or parts are loose, bent, or crooked.

ALWAYS know your physical limitations. Don't take chances. If you start thinking about how high you are, don't go any higher. Instead, choose a minimum height that will allow for safe, effective and comfortable hunting.

ALWAYS lean **forward towards the tree** as you climb and attach your harness to the tree **BEFORE** securing the platform to the tree and stepping onto the platform. **NEVER** lean out from the treestand for any reason.

ALWAYS wear a Fall Arrest System (FAS) (Harness) consisting of a full body safety harness after leaving the ground. A Full Body Harness that meets TMA/ASTM standards **MUST** always be connected to yourself and the tree during ascending, hunting and descending. Single safety belts and chest harnesses are no longer allowed and should **NEVER** be used. If you are not wearing a Full Body Harness properly attached to the tree, that is protecting you from a fall, **DO NOT leave the ground**. Failure to wear your Full Body Harness may result in serious injury or death. Be aware that falls can occur at anytime after leaving the ground.

ALWAYS read and understand the manufacturer's Warnings, expiration date (if applicable) and instructions on how to use and how to properly adjust the harness. Practice the use of a full body safety harness at ground level in the presence of a responsible adult to experience the feeling of hanging suspended before using in a hunting environment. Failure to follow harness instructions may result in not being able to return to the stand and being suspended in a harness after a fall, or serious injury or possibly death. If the hunting location is unknown by anyone and communication efforts are unsuccessful, you **MUST** have a personal plan for rescue/escape because prolonged suspension in a harness may be fatal. It is important to exercise the legs by pushing against the tree or doing other forms of continuous leg exercises to avoid blood pooling while being suspended. Hunters with varying degrees of physical fitness may require different plans to recover/escape the effects of prolonged suspension. Have a personal plan and practice it in the presence of a responsible adult before leaving the ground. No one escape/rescue plan will work for every hunter on every tree in every circumstance. Only you can determine the best recovery/escape plan for your situation before leaving the ground.


ALWAYS have a suspension relief device on your person and readily accessible while using a harness. These devices allow the user to relieve the load on the lower extremities if suspended in a harness and help maintain circulation in the legs, mitigate suspension trauma (blood pooling) or allow descent to the ground. Several optional products/systems are available that offer self-recovery or self-extraction from a fall when suspended in a harness. Some systems automatically descend the user while others allow user control. One of these products/systems can be considered for use as an additional safety precaution against prolonged suspension and suspension trauma. Be sure to follow the manufacturers' instructions on the safe use of these products/systems.

Hunt from the ground when self-recovery escape is absent. There is time to make a correct decision on what action to take if a fall occurs while wearing a full body harness. It is important to remember "**DO NOT PANIC.**" Remain calm and implement your practiced rescue, relief and recovery plan.

NEVER allow the tether strap to get under your chin or around our neck. The length of the harness tether **MUST** be minimized at all times. It should be adjusted so that it is above the head with no slack (snug) in the sitting position and you should have the minimum amount of slack possible when climbing.

NEVER remove any safety warning stickers from this product.

Safety must be your first priority during the use of this product.



WARNING

DO NOT use this ladderstand without reading and following all warnings and instructions before each use. Failure to do so may result in serious injury or death.

ALWAYS inspect your ladderstand before each use. **DO NOT** use if parts are missing, worn, or damaged.

ALWAYS wear a Full Body Harness while using this ladderstand. Failure to wear a full body harness while using this ladderstand may result in serious injury or death.

DO NOT exceed the ladder's 300 lb weight limit. Exceeding the ladder's weight limit may cause the ladderstand to break or fail, resulting in serious injury or death.

NEVER stand on treestand seat or platform. If these parts break or fail, it may result in serious injury or death.

NEVER use ladderstand if you are altered by alcohol, drugs, or medication, or if you are dizzy, lightheaded, or have a heart condition. Failure to do so may result in serious injury or death.

NEVER use ladderstand during inclement weather. **DO NOT** use ladderstand during thunderstorms or any other weather conditions including (but not limited to) lightning, freezing rain, high wind that could create slippery or dangerous conditions.

DO NOT use the ladderstand under the influence of alcohol, drugs, or medication. Failure to do so may result in serious injury or death.

NEVER use ladderstand if you have dizzy spells, a heart condition, are afraid of heights, have been advised by a doctor or other health care provider not to climb, or have any condition that would impair your ability to climb up or down or use treestand as it could result in serious injury or death.

NEVER remove or deface ladderstand warning labels. Replacement labels can be obtained from the address below.



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CHOOSING A SAFE TREE

- **ALWAYS** thoroughly inspect the tree before installing your product. **DO NOT** install your **TREE/LADDER STAND** onto any dead or unsafe tree, telephone or utility pole, structural column, or man-made structure. Doing so may result in serious injury or death.
- **ALWAYS** select the proper tree for use with your **TREE/LADDER STAND**. Select a live straight tree that fits within size limits recommended (minimum tree diameter must be no less than 9 inches and maximum of 18 inches.). **DO NOT** rely on a branch for support.
- **DO NOT** select a tree in the dark or choose a tree in close proximity to a fence. You must not have any stumps or rocks beneath your tree.
- **NEVER** use **TREE/LADDER STAND** on a tree that is dead, diseased, leaning or on wet and uneven ground as the tree may fall, break or uproot.
- Your tree must not be wet, icy or slippery or on wet, swampy, or loose ground that allows the tree to be unstable. Check the ground under **TREE/LADDER STAND** to ensure it is firm and level.
- Be sure you have a level stand platform. Your tree must not lean or have any irregular shape.
- Tree must not have any loose or scaly bark or excessive vines, nails, screws, or any other sharp objects protruding that may sever webbing on product. Any surrounding trees must not lean or have dead limbs that may fall onto you or your product.
- **NEVER HURRY!! HURRYING CAUSES ACCIDENTS!!** While climbing a **TREE/LADDER STAND**, make slow, even movements no more than ten to twelve inches at a time. Make sure you have proper contact with tree and/or **TREE/LADDER STAND** every time you move. On ladder tree stand, **ALWAYS** maintain three points of contact with each step and **ALWAYS** lean forward as you climb.

Several treestands are equipped with a footrest, armrests and/or shooting rail. Neither the footrest, armrests nor the shooting rail have been designed to support a user's weight. Under **NO** circumstances should you place more than fifteen (15) pounds of weight on these structures. Doing so will put the user in serious risk of injury or death.

PROPER CARE AND MAINTENANCE:

- Inspect for defects (damage, rot, corrosion, cracks, freezing, excessive heat, etc.) before every use is required. Do not use if damage is detected or suspected.
- We recommend replacing all hardware/cables/nuts/bolts/clips on your tree stand every two (2) years or sooner if inspection finds it necessary. Use only Primal Vantage approved replacement straps and parts. Use of any other straps or parts, will be viewed as a modification to the product. Any modification will void the warranties and relieve Primal Vantage from all liabilities. Failure to follow these instructions may result in serious injury or death.
- **DO NOT** overtighten the hardware. **DO NOT** use a socket wrench. This can lead to structural damage and may negatively affect the performance of your stand. Failure to follow these instructions may result in serious injury or death.
- All photos are taken from the front view unless otherwise noted.
- In most cases, bolts come with two nylon washers. One washer will be placed against the bolt head the other washer will be placed against the nut.



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MODEL: PVLS-521

DOUBLE VANTAGE DELUXE

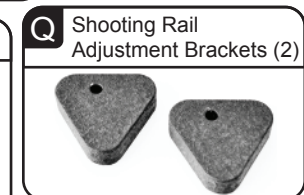
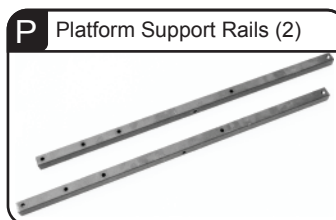
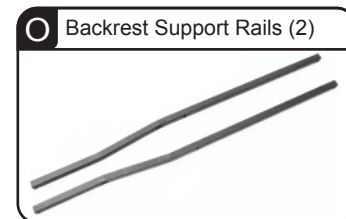
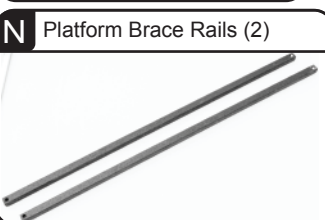
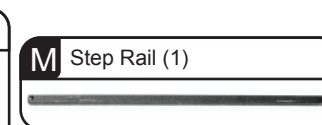
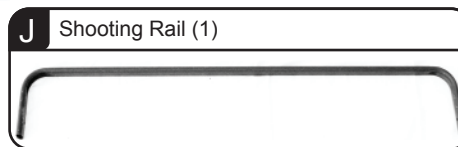
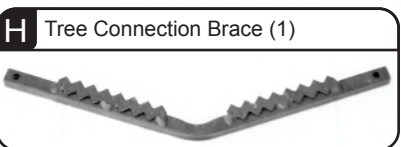
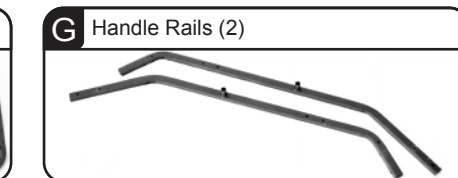
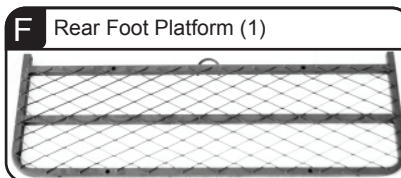
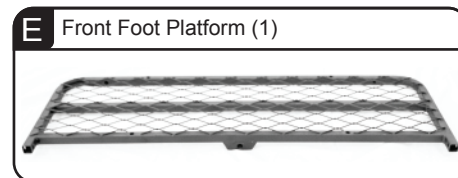
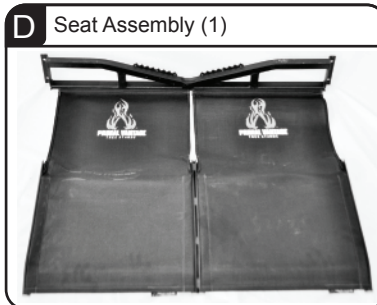
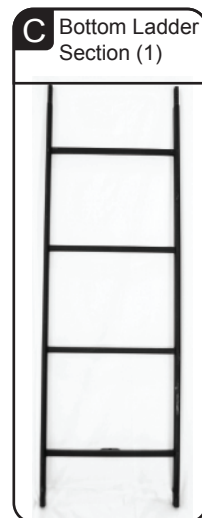
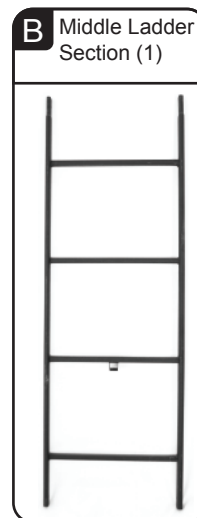
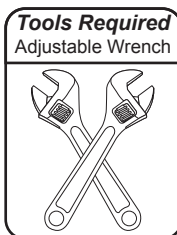
18' TWO MAN LADDERSTAND

- Always Wear a Safety Harness with this Product
- Practice Using at Ground Level
- Weight Limit: 500 lbs.
- Tree Size: 9"-18" diameter

PARTS LIST

A	1	Top Ladder Section.....	Part # PTL-521
B	1	Middle Ladder Section	Part # PML-521
C	1	Bottom Ladder Section	Part # PBL-521
D	1	Seat Assembly.....	Part # PSA-521
E	1	Front Foot Platform.....	Part # PFFP-521
F	1	Rear Foot Platform.....	Part # PRFP-521
G	2	Handle Rails.....	Part # PHR-521
H	1	Tree Connection Brace.....	Part # PTCB-521
J	1	Shooting Rail.....	Part # PSR-521
K	2	Shooting Rail Arms.....	Part # PSRA-521
L	2	Ladder Yokes.....	Part # PLY-521
M	1	Step Rail.....	Part # PHSR-521
N	2	Platform Brace Rails.....	Part # PPB-521
O	2	Backrest Support Rails	Part # PBRs-521
P	2	Platform Support Rails.....	Part # PSPR-521
Q	2	Shooting Rail Adjust. Brackets	Part # PSRB-521
R	1	Left Ladder Jaw.....	Part # PLLJ-521
S	1	Right Ladder Jaw.....	Part # PRLJ-521
T	1	Shooting Rail Cover Pad.....	Part # PSRC-521
	1	Harness.....	Part # 2018

 = NOT PICTURED IN THIS MANUAL



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DOUBLE VANTAGE DELUXE

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- Always Wear a Safety Harness with this Product
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HARDWARE BOX P/N 326H

- U** 1 Horizontal Jaw Assembly StrapPart # PHJS-521
- V** 1 Vertical Jaw Assembly StrapPart # PVJS-521
- W** 1 Truss BarPart # PTA-100
- X** 2 Ratchet Straps.....Part # PRS-100
- Y** 2 Installation Straps.....Part # PIS-100
- Z** 1 Truss Cable.....Part # PTC-521
- AA** 4 M6 QuickclipsPart # 1615
- BB** 1 Jaw Assembly Tree Buckle.....Part # PTB-521
- CC** 1 Jaw Assembly Ratchet Strap.....Part # PRS-200
- 25** 2 M6x25mm BoltsPart # 1025
- 30** 4 M6x30mm BoltsPart # 1030
- 51** 2 M6x50mm Bolts w/3 washersPart # 1051
- 45** 3 M8x45mm BoltsPart # 1245
- 55** 14 M8x55mm BoltsPart # 1255
- 57** 2 M8x55mm Bolts w/3 washersPart # 1257
- 60** 10 M8x60mm BoltsPart # 1260
- 61** 2 M8x60mm Bolts w/3 washersPart # 1261
- 75** 2 M8x75mm BoltsPart # 1875
- 77** 2 M8x75mm Bolts w/spacersPart # 1877

U Horizontal Jaw Assembly Strap (1)



V Vertical Jaw Assembly Strap (1)



W Truss Bar (1)



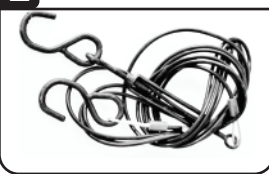
X Ratchet Straps (2)



Y Installation Straps (2)



Z Truss Cable (1)



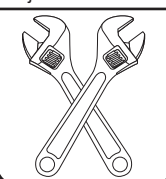
AA M6 Quickclips (4)



BB Jaw Assembly Tree Buckle (1)



Tools Required
Adjustable Wrench



CC Jaw Assembly Ratchet Strap (1)



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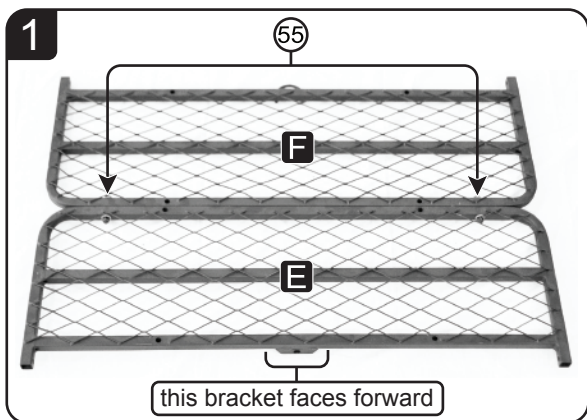
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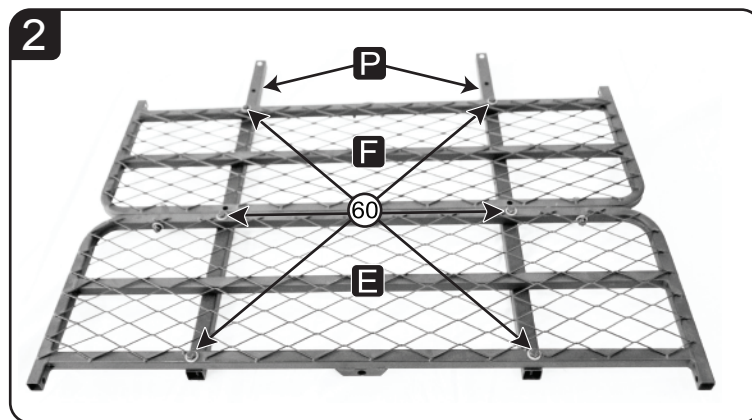
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ALL PHOTOS TAKEN FROM FRONT VIEW UNLESS OTHERWISE NOTED

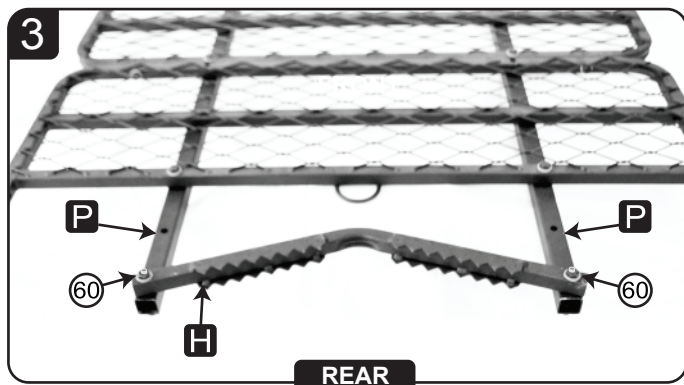
Remove all contents from packaging and make sure all parts are present before attempting to assemble.
Tighten all bolt connections by hand first and then when fully assembled, go back and tighten with a wrench.



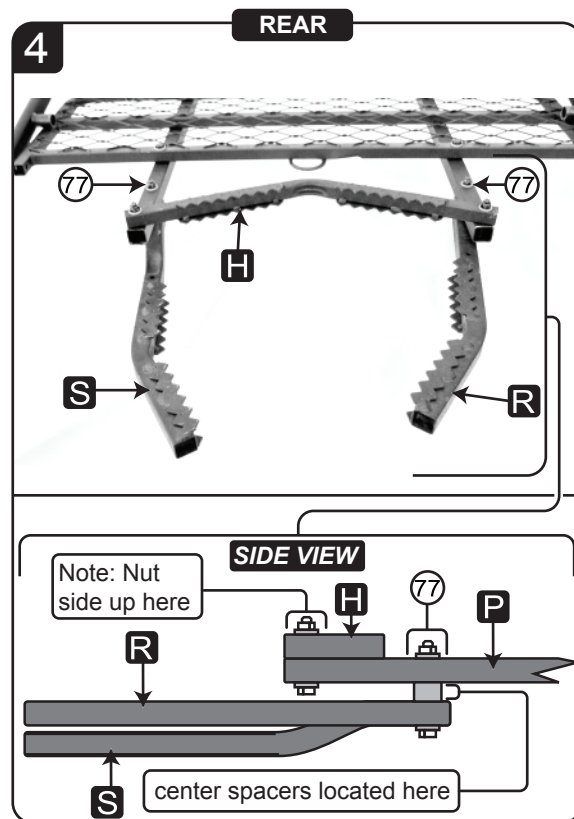
1 Attach Front Foot Platform **E** to Rear Foot Platform **F** using **2-M8x55mm bolts** (55)



2 Attach Platform Support Rails **P** to Front and Rear Foot Platform assembly **E** and **F** using **6-M8x60mm bolts** (60)

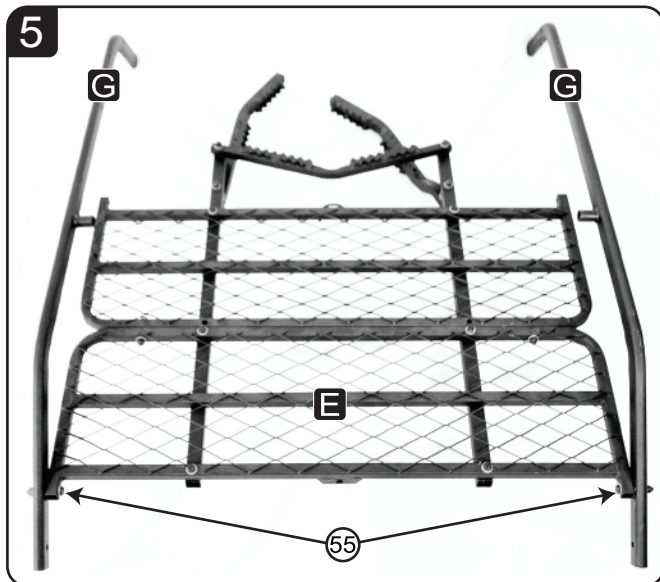


3 Attach Tree Connection Brace **H** to rear ends of Platform Support Rails **P** using **2-M8x60mm bolts** (60)

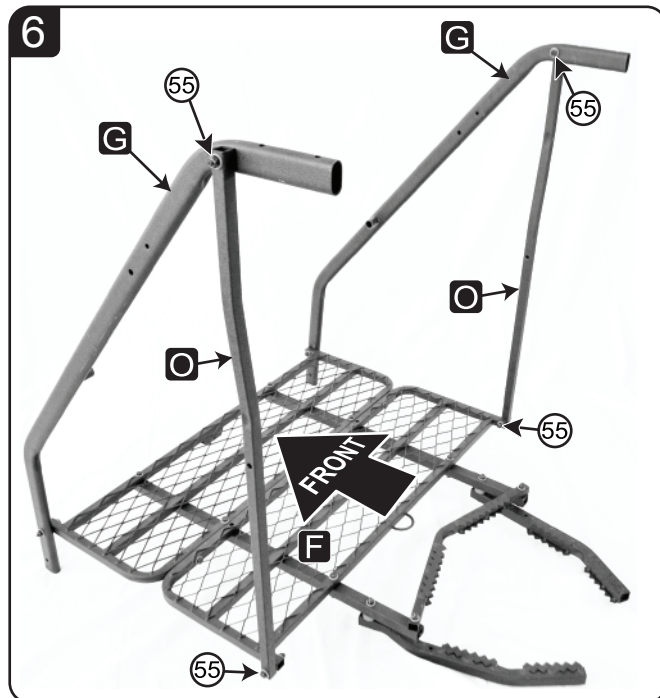


4 Attach Right Ladder Jaw **S** and Left Ladder Jaw **R** to rear ends of Platform Support Rails **P** using **2-M8x75mm bolts with spacers** (77)

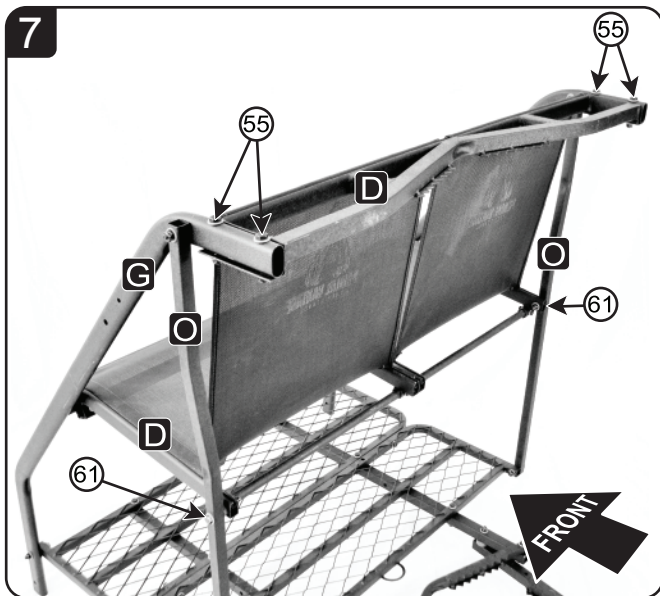




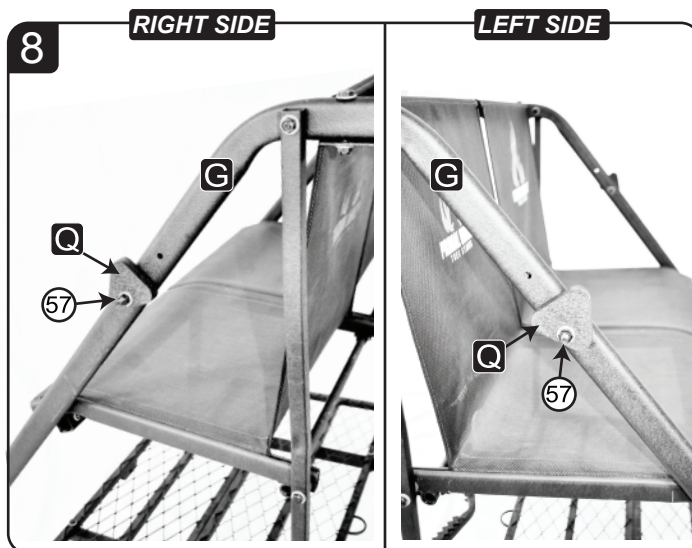
5 Attach Handle Rails **G** to right and left sides of Front Foot Platform **E** using **2-M8x55mm bolts 55** (Do not fully tighten bolts until after step 6).



6 Attach Backrest Support Rails **O** to right and left sides of Rear Foot Platform **F** using **2-M8x55mm bolts 55** and to right and left tops of Handle Rails **G** using **2-M8x55mm bolts 55** (Note: Fully tighten all bolts up to this step).



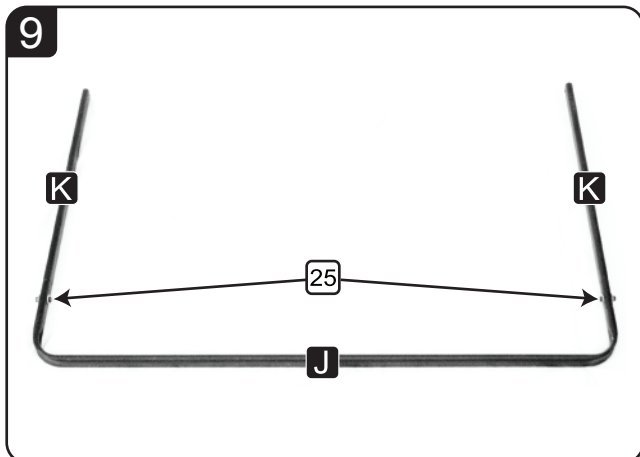
7 Attach Seat Assembly **D** to top of handle rail assembly **G** using **4-M8x55mm bolts 55** then, attach base of Seat Assembly **D** to right and left Backseat Support Rails **O** using **2-M8x60mm bolts with 3 washers 61**



8 Attach Shooting Rail Adjustment Brackets **Q** to right and left outer sides of Handle Rails **G** using **2-M8x55mm bolts with 3 washers 57** (Note that these brackets are on the lower of the two holes on each side).



ALL PHOTOS TAKEN FROM FRONT VIEW UNLESS OTHERWISE NOTED



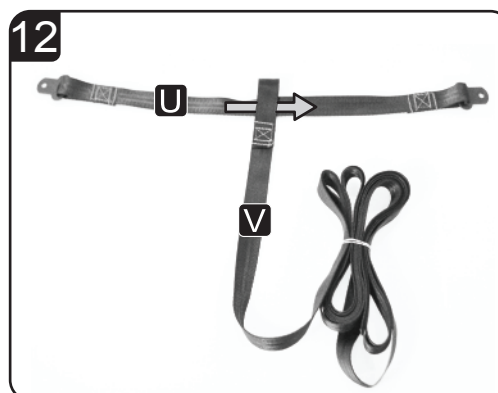
9 Attach Shooting Rail **J** to right/left Shooting Rail Arms **K** using **2-M6x25mm bolts** **25**



10 Attach Shooting Rail Assembly to right and left outer sides of Handle Rails **G** using **2-M6x50mm bolts with 3 washers** **51** (Note that the rail assembly attaches to the higher of the two holes on each side).

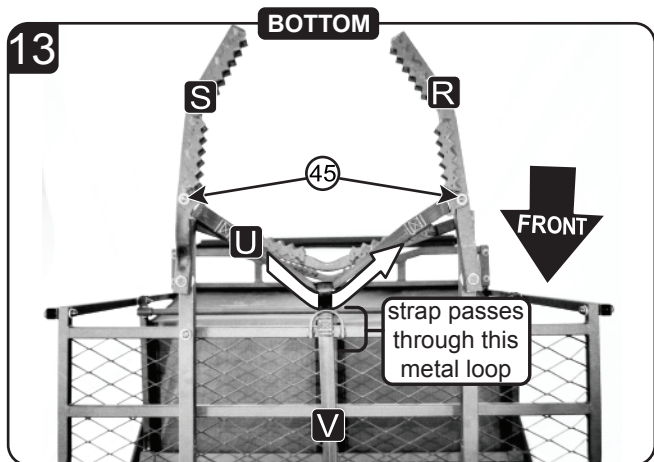


11 Attach Shooting Rail Cover Pad **T** to Shooting Rail **J**.



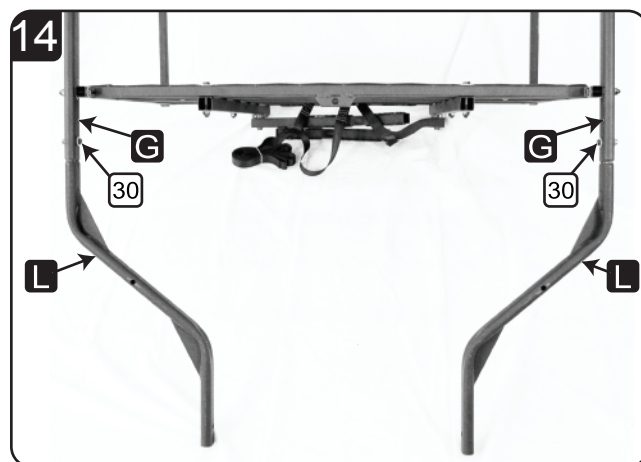
12 Pass Horizontal Jaw Assembly Strap **U** through the top loop of Vertical Jaw Assembly Strap **V** (as shown above).





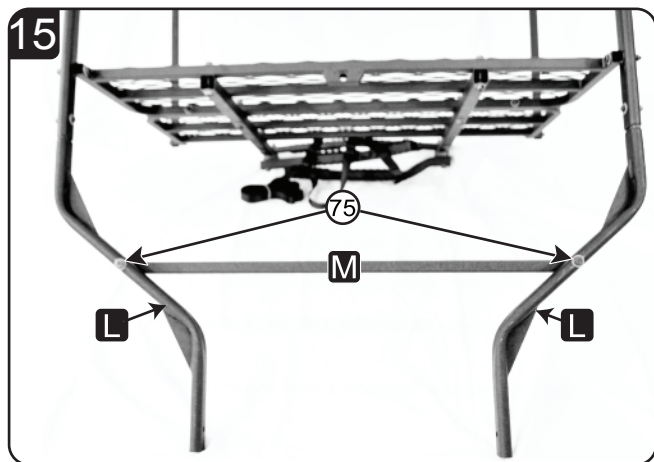
13

Carefully tilt ladder stand assembly forward so that the bottom is facing forward and the rear is facing upward. With Horizontal Jaw Assembly Strap **U** passed through the top loop of Vertical Jaw Assembly Strap **V**, connect the two right/left ends of the Horizontal Jaw Assembly Strap **U** to Left Ladder Jaw **R** and Right Ladder Jaw **S** using **2-M8x45mm bolts** **45**. Check to make sure that Vertical Jaw Assembly Strap **V** is passing through the metal loop on the bottom of the Foot Platform Assembly (as shown above).



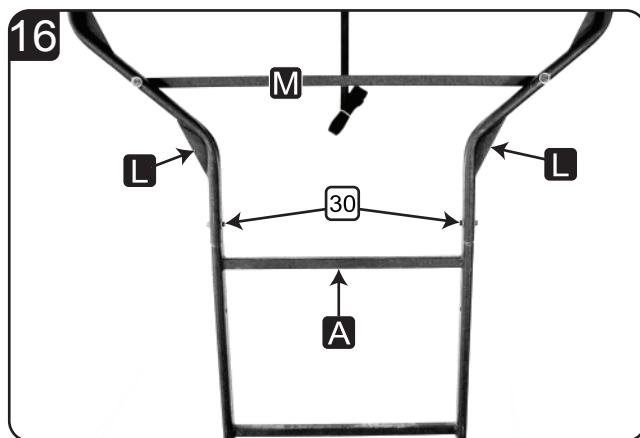
14

Carefully bring the ladder stand assembly back to an upright position. Leaning the ladder stand assembly slightly backwards, slide right and left Ladder Yokes **L** onto the bottom of right and left handle rails **G**. Connect using **2-M6x30mm bolts** **30**.



15

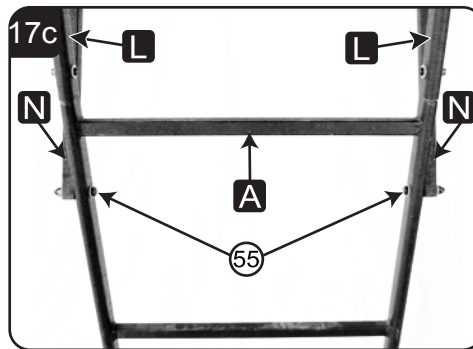
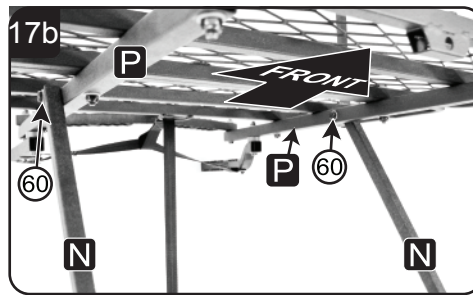
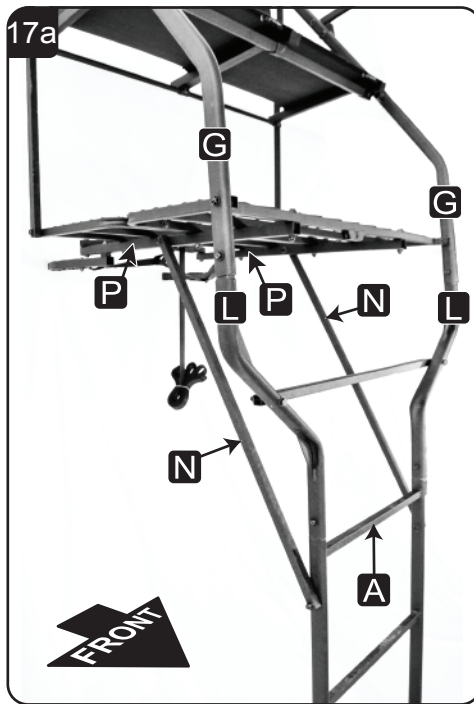
Attach Step Rail **M** right and left Ladder Yokes **L** using **2-M8x75mm bolts** **75**.



16

Attach Top Ladder **A** to right and left Ladder Yokes **L** using **2-M6x30mm bolts** **30**.



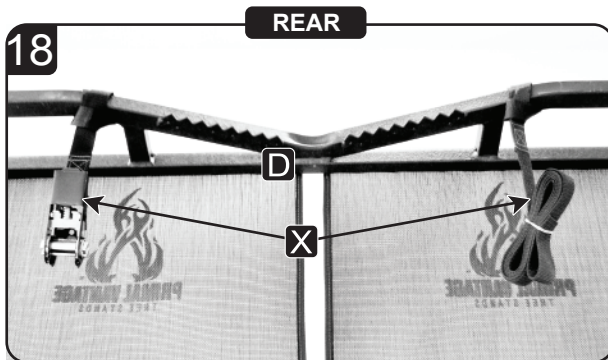


17

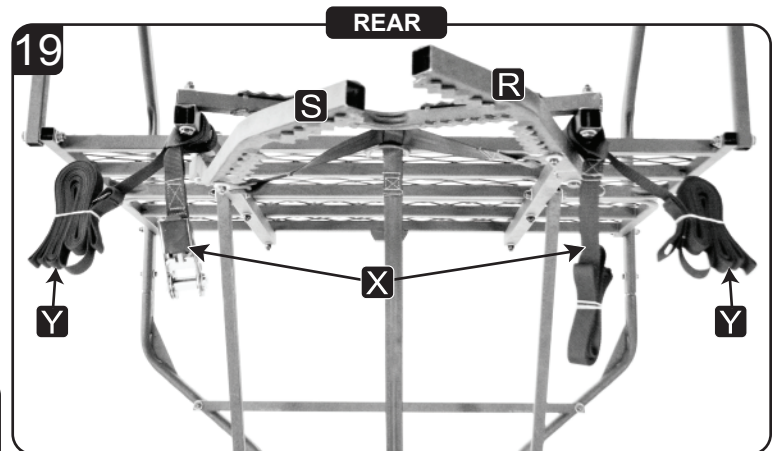
17a: Attach Platform Brace Rails **N** to Ladder Stand Assembly.

17b: First attach right and left Platform Brace Rails **N** to right and left Platform Support Rails **P** using **2-M8x60mm bolts (60)**.

17c: Then attach right and left Platform Brace Rails **N** to right and left side of Top Ladder **A** using **2-M8x55mm bolts (55)**.



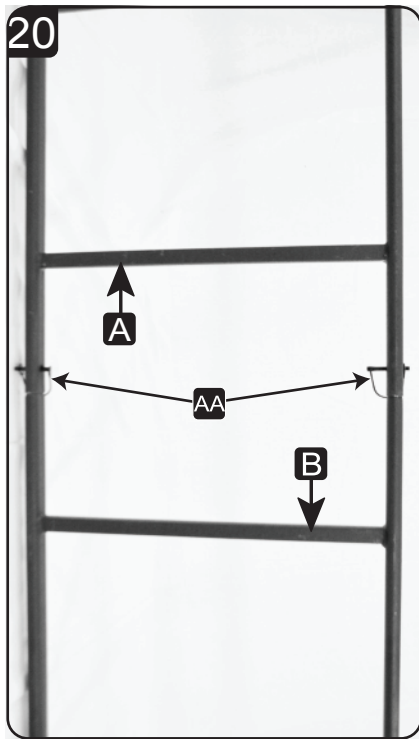
18 Attach the first (of two) Ratchet Straps **X** on either side of the top rear Tree Connection Brace on the rear of the Seat Assembly **D** (as shown above). (See **Ratchet Strap Instructions** for correct weaving).



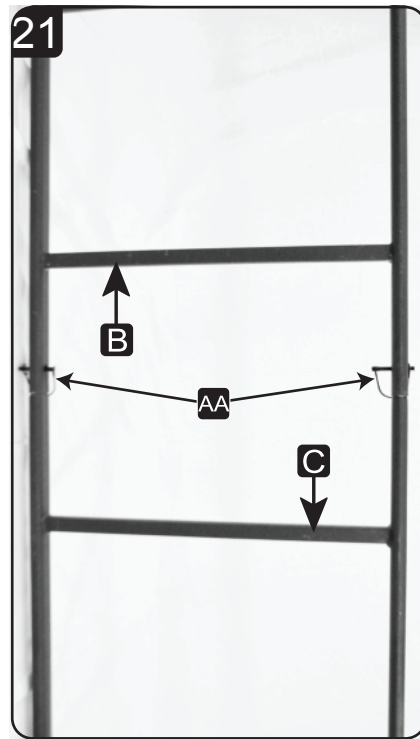
19 Attach the second (of two) Ratchet Straps **X** on either side of the lower rear foot platform assembly (as shown above). (See **Ratchet Strap Instructions** for correct weaving).

Attach Installation Straps **Y** on either side of the lower rear foot platform assembly (as shown above). (See **Installation Strap Instructions** for correct weaving).

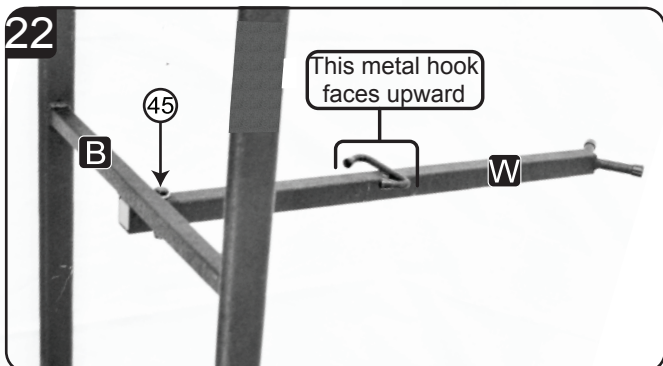




20 Slide the top of Middle Ladder Section **B** into the bottom of Top Ladder Section **A**. Lining all holes up. Insert **M6-Quickclip AA** completely through the holes of both ladder sections and out the other side. Close the quickclips to secure the ladder sections together. Repeat this process on the opposite rail.



21 Slide the top of Bottom Ladder Section **C** into the bottom of Middle Ladder Section **B**. Lining all holes up. Insert **M6-Quickclip AA** completely through the holes of both ladder sections and out the other side. Close the quickclips to secure the ladder sections together. Repeat this process on the opposite rail.



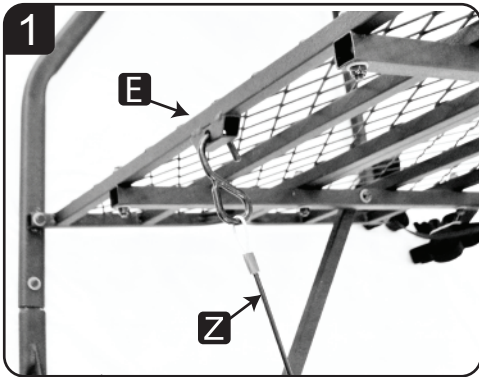
22 Slide Truss Arm **W** into truss bracket (located on the second lowest rung of Middle Ladder Section **B**). Secure using **1-M8x45mm bolt 45**

WARNING
MAKE SURE ALL BOLTS ARE
TIGHT BEFORE PROCEED-
ING TO TRUSS ASSEMBLY



TRUSS ASSEMBLY INSTRUCTIONS

MODEL: PVLS-521
DELUXE 18' TWO-MAN LADDERSTAND

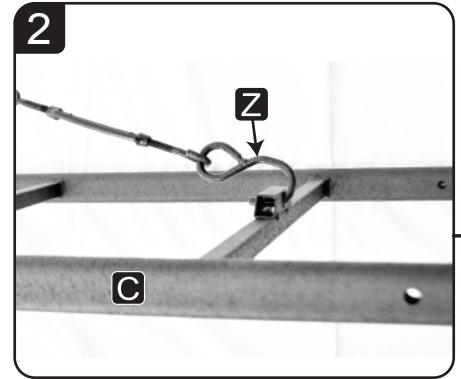


1

Carefully lay fully assembled Ladder Stand front ladder side down so that the tree attachment side is facing upward.

Attach the hooked side of Tension Cable **Z** without the tension adjuster to the eyelet hole welded on the bottom front of the foot platform assembly (as shown left) **E**.

NOTE: Top hook should ALWAYS face inward, away from the front of ladder (as shown left).

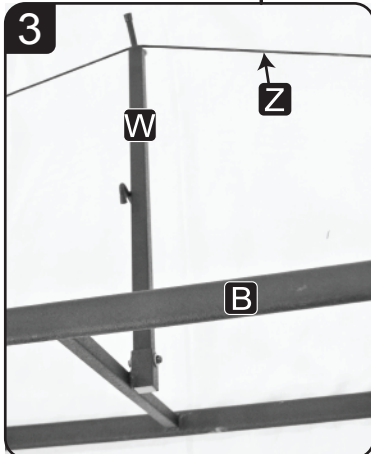
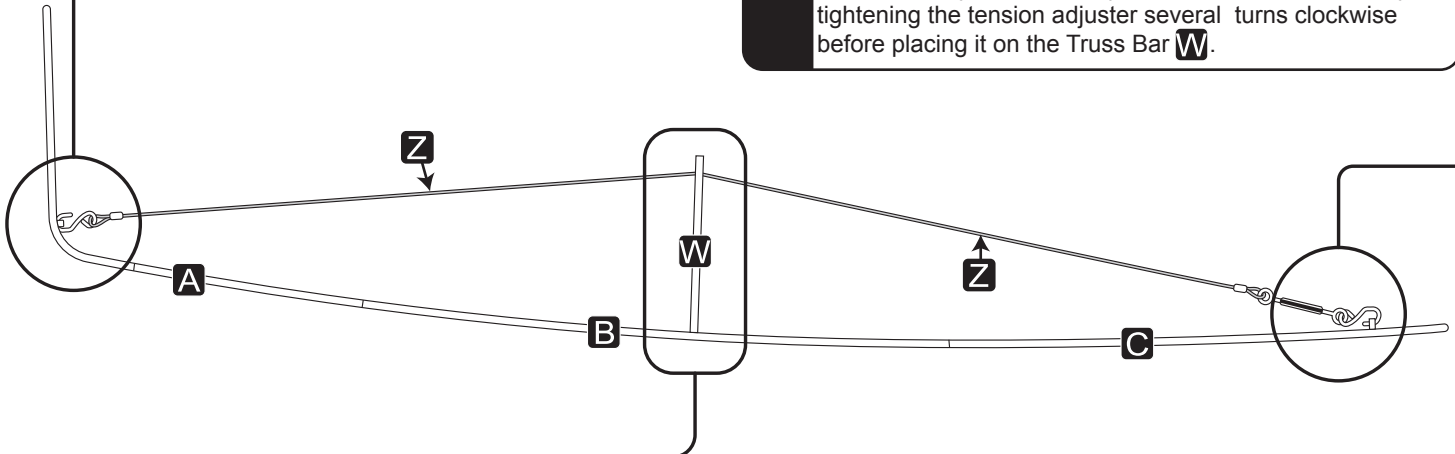


2

Attach the hooked side of Tension Cable **Z** with the tension adjuster to the eyelet hole welded on the bottom rung of Bottom Ladder Section **C**.

2

NOTE: It may be necessary to pre-tension the cable by tightening the tension adjuster several turns clockwise before placing it on the Truss Bar **W**.



3

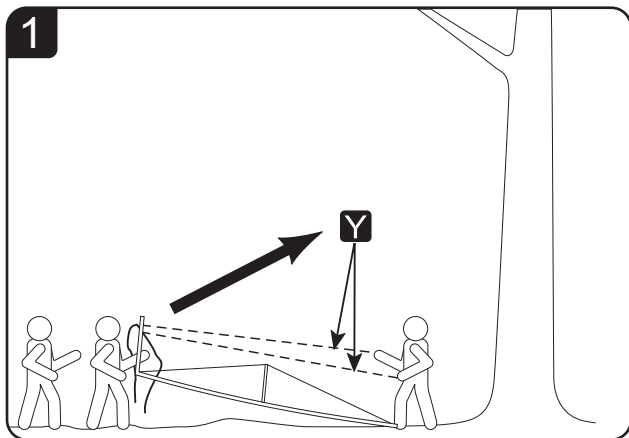
3

Stand in the middle of the ladder, pull up on the Truss Cable **Z** and place it onto the Y-shaped end of the Truss Bar **W**. Tighten the cable so that there is enough tension to create a slight bow in the Ladder Structure (as shown above).

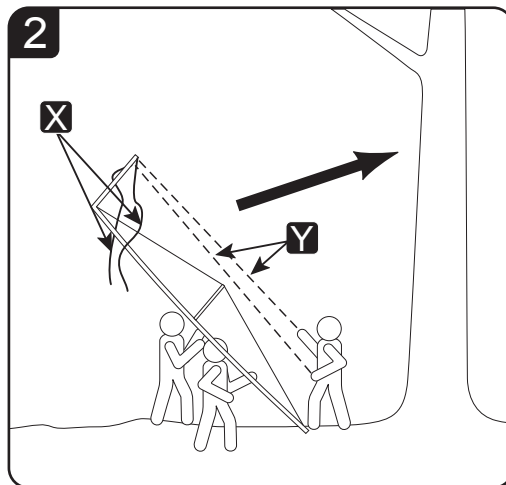
NOTE: It should take minimal effort to lift the Truss Cable onto the Truss Bar, if truss cable is not easy to lift, STOP immediately, loosen the truss adjuster and repeat the process.



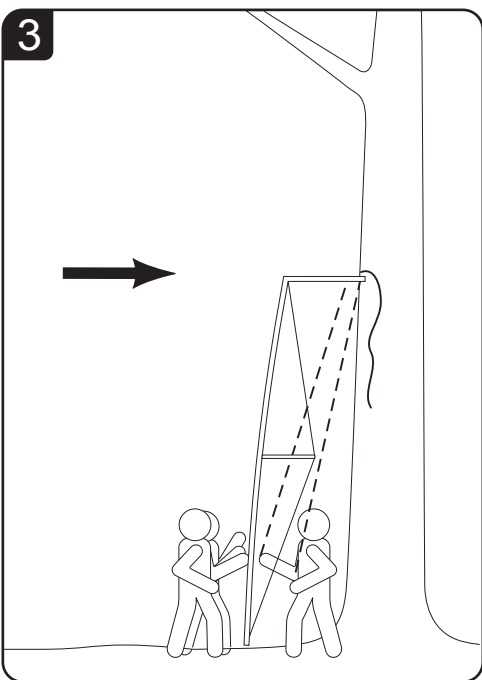
NOTE: Drawings are for illustration purposes only and may not depict actual product.



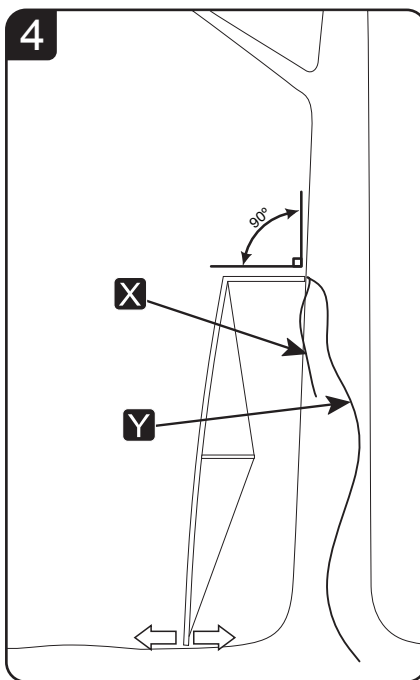
1 Position bottom of stand 4-5 feet from base of tree
NOTE: Make sure that Ladder Jaws **R** and **S** are in their open most position.



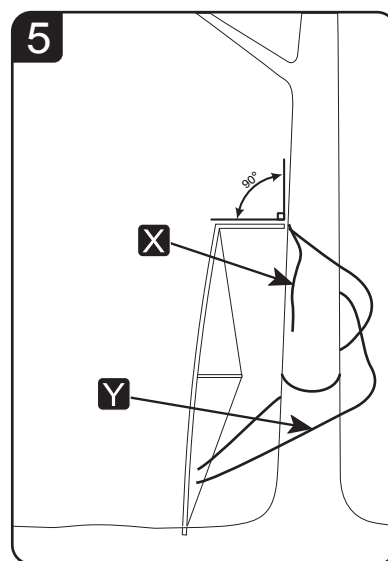
2 One person will stand at the base of ladder with his/her foot on the bottom rung while holding installation straps **Y**. This will prevent tree stand from sliding. Two people will stand at opposite ends of tree stand, facing Platform and slowly walk tree stand upward using rungs of ladder.



3 As tree stand is being raised, the person holding Installation Straps **Y** will pull toward themselves to take up slack. It will steady and ease the weight of stand on the other two people. Continue walking stand upward, until Tree Contact is resting against the tree.



4 Move base of ladder toward or away from the tree slightly in order to make Platform as Parallel to the ground as possible.
Apply your full weight to the first step so it settles into the ground.



5 Cross Installation Straps behind tree. Attach to the top rung of the bottom ladder section. Pull to tighten the straps against the tree.
(See *Installation Strap Instructions*).



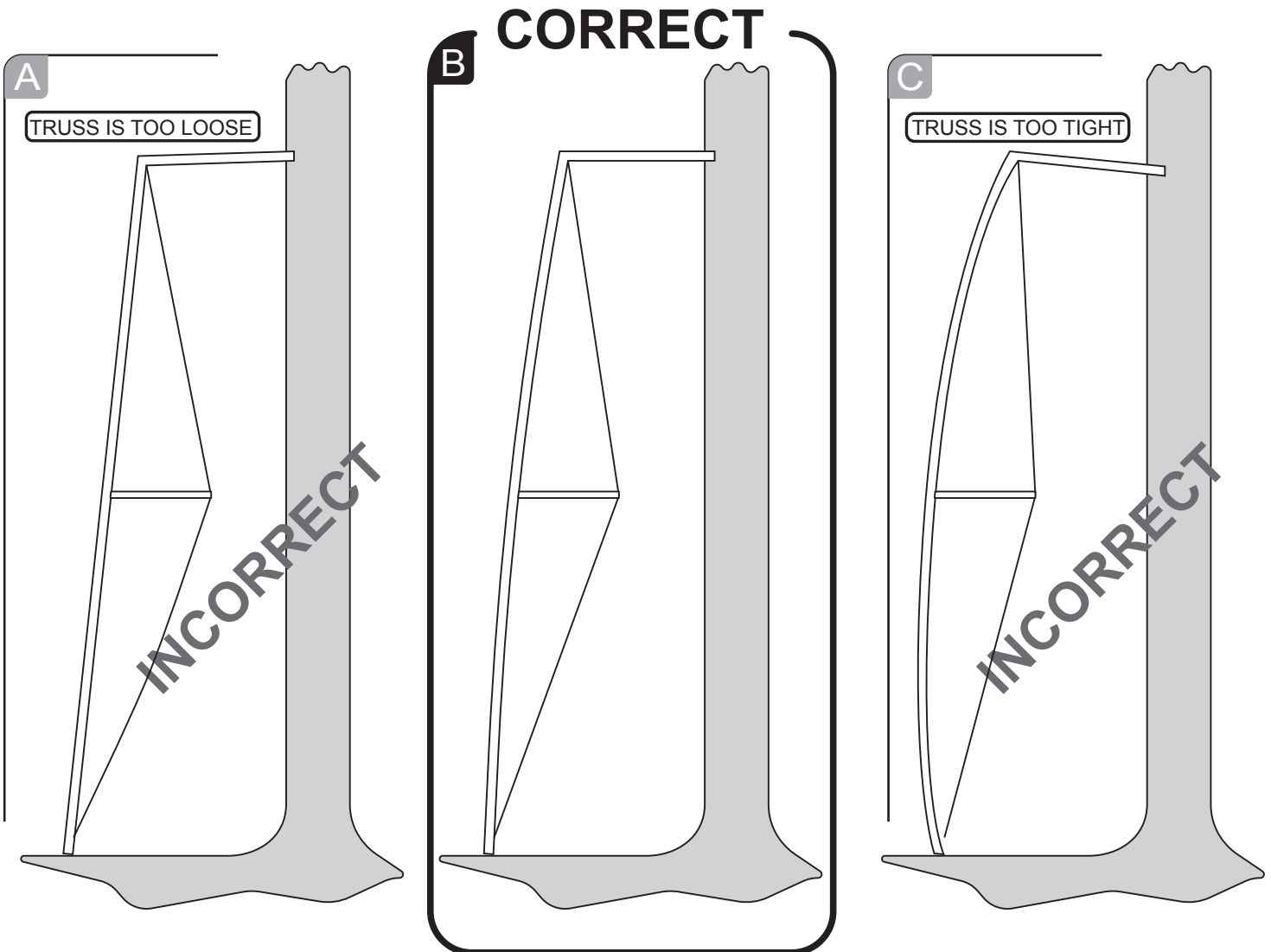
WARNING

DO NOT climb ladder without Truss Assembly or Installation Straps installed. Serious injury or death may occur if stabilizer bar is not installed.

WARNING

Truss Assembly and Installation Straps MUST be secured prior climbing the Ladder Stand. Failure to comply may result in serious injury or death.

NOTE: Drawings are for illustration purposes only and may not depict actual product.



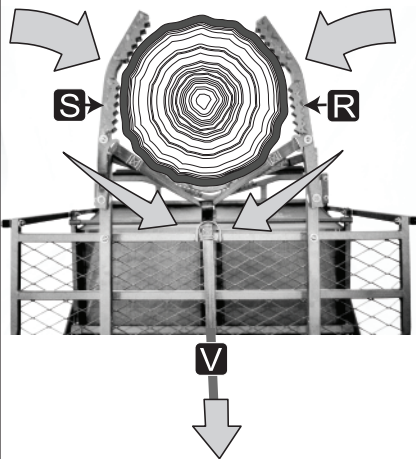
A If ladder is perfectly straight or bowed toward tree, TRUSS IS **TOO LOOSE**. Take down the ladder, tighten the turnbuckle and re-set the stand until correct.

B This is correct. Note that there is a slight outward arc to the ladder.

C Do not over-torque truss system. If ladder is bowed too far, it will force users to climb at an uncomfortable angle and could also result in ladder failure. If ladder appears to have an extreme outward arc, take down stand, loosen turnbuckle and re-set the stand until correct.

NOTE: Drawings are for illustration purposes only and may not depict actual product.

6

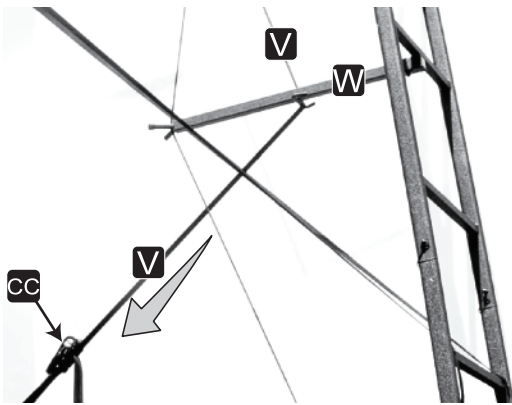


NOTE: The Ladder Jaws are designed to wrap around a tree trunk when Vertical Jaw Assembly Strap **V** is tightened.

Before engaging the Ladder Jaw Mechanism:

- 1) Check that the Ladder stand is properly installed on correct sized tree. If the ladder jaws cannot close on the tree trunk (pictured top left), the tree is too large for safe installation.
- 2) Check that the installation straps **Y** are correctly wrapped around the tree base and tightly secured
- 3) The Truss Mechanism is properly tensioned.
- 4) The ladder base is correctly and safely secured onto level ground.

7



Check to make sure the Vertical Jaw Assembly Strap **V** is not caught, tangled or snagged. Make sure the strap falls flat and straight from the foot platform.

Carefully loop the Vertical Jaw Assembly Strap through either the right or left metal hooks on the Truss Bar **W** (as shown left).

Lightly pull on Vertical Jaw Assembly strap **V** to and check to make sure that both ladder jaws close in on the tree trunk.

8

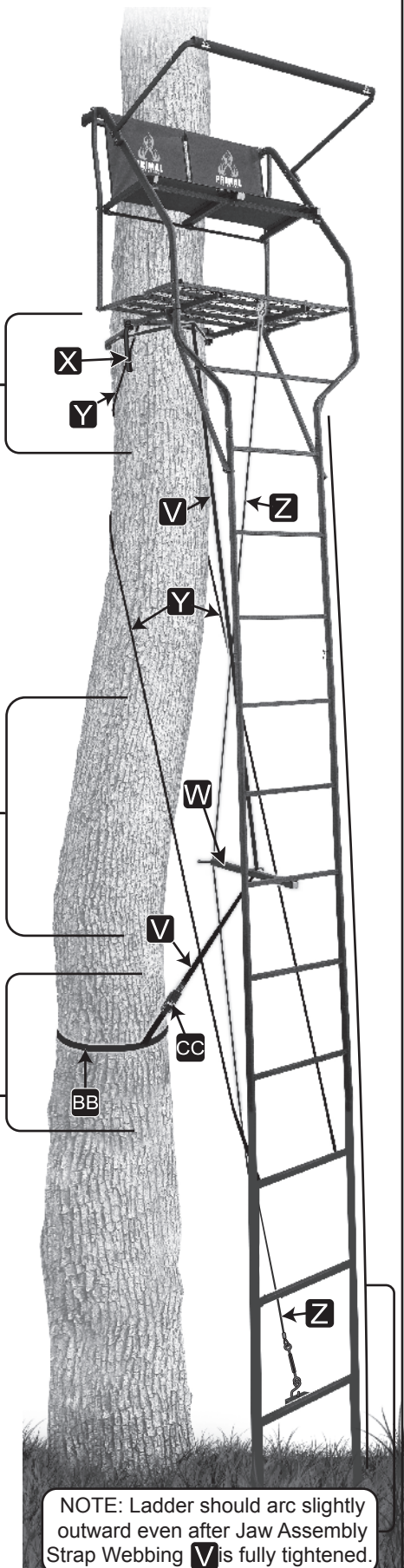


Loop Jaw Assembly Tree Buckle **BB** through Jaw Assembly Ratchet Strap **CC**.

With the Jaw Assembly Ratchet Strap **CC** attached, wrap the Jaw Assembly Tree Buckle **BB** around tree trunk at a lower diagonal point from the Truss Bar **W** (as shown right). Feed Jaw Assembly Tree Buckle Webbing through the spring loaded cam buckle and firmly tighten around tree trunk.

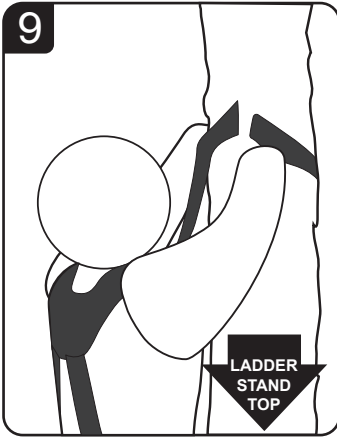
Position Jaw Assembly Ratchet Strap **CC** so that it faces the ladder. Feed Vertical Jaw Assembly Webbing **V** through ratchet strap and ratchet the strap tight until the tension closes the ladder jaws. **DO NOT overtighten.**

See Ratchet Strap Instructions for correct operation.



NOTE: Ladder should arc slightly outward even after Jaw Assembly Strap Webbing **V** is fully tightened.



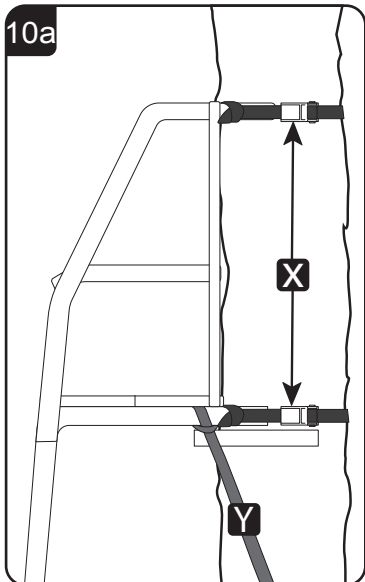


9

After the ladder stand has been secured to the tree with:

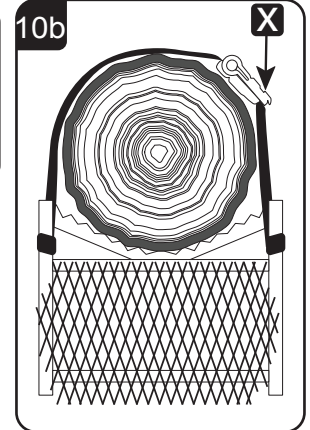
- 1) The installation straps secured.
- 2) The truss cable correctly tensioned
- 3) The Ladder Jaw system fully connected/engaged.
- 4) The Ladder securely attached to the tree.

Continue to have two people hold the ladder, climb cautiously up to the platform. Once you reach the top, **IMMEDIATELY ATTACH YOUR SAFETY HARNESS TO THE TREE**. Keep the tether strap above your head.



10

Before sitting down, **IMMEDIATELY** locate both Ratchet Straps **X**, one at the base of the foot platform by the Ladder Jaw Assembly, and one at the tree brace, behind the seat backrest. In both instances Wrap the strap of the ratchet around the back of the tree once, thread through the ratchet and tighten (See side view: **10a** and cross-section: **10b**). (See Details Ratchet Instructions Below for proper use).



WARNING

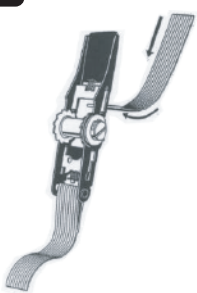
Installation Straps, Truss and Ladder Jaw Assembly **MUST** be secured and engaged prior climbing the Ladder Stand. Failure to comply may result in serious injury or death.



WARNING DO NOT sit on the seat platform until the ratchet has been secured.

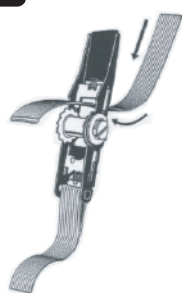
DETAILED RATCHET STRAP INSTRUCTIONS

1



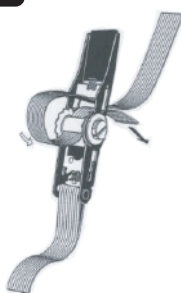
Open ratchet handle flat and insert end of strap through opening

2



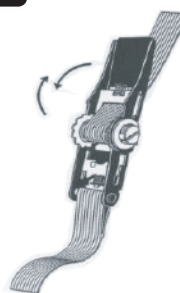
Pull Strap through opening

3



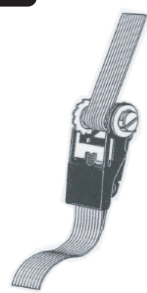
Insert end of strap through slot in ratchet wheel

4



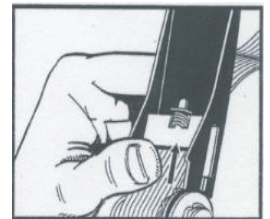
Ratchet handle back and forth to tighten strap

5



After strap is tight, close handle to the lock position

6



To release tension, push spring loaded retaining lock and simultaneously pull on strap



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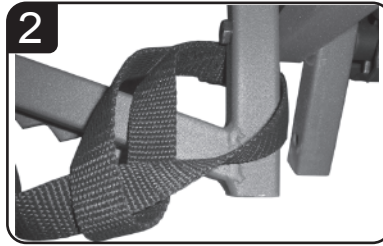
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INSTALLATION STRAP INSTRUCTIONS

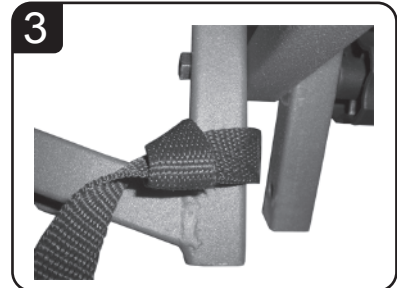
MODEL: PVLS-521
DELUXE 18' TWO-MAN LADDERSTAND



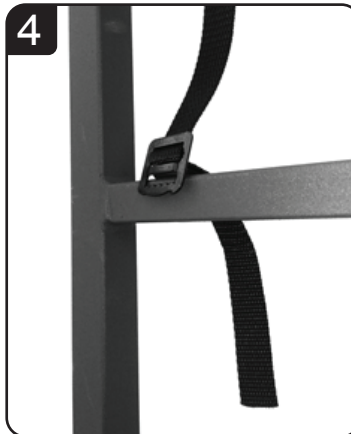
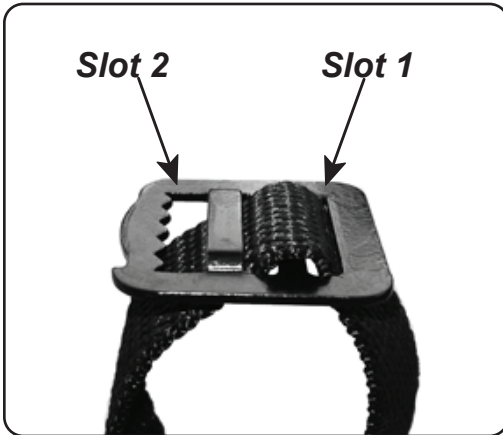
1 Place looped end of strap under platform.



2 Insert end of strap through the loop.



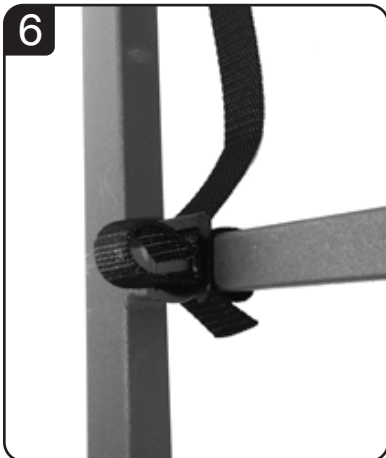
3 Pull to tighten. Continue with these steps to install the other strap on the other side of the platform.



4 Place loose end of strap with clip, under the top rung of the bottom ladder section.



5 Insert the strap through Slot 1 on the clip.



6 Insert the strap through the Slot 2 with the teeth.



7 Pull strap to tighten.



8 Slide the buckles out to the sides to create tension on the straps.



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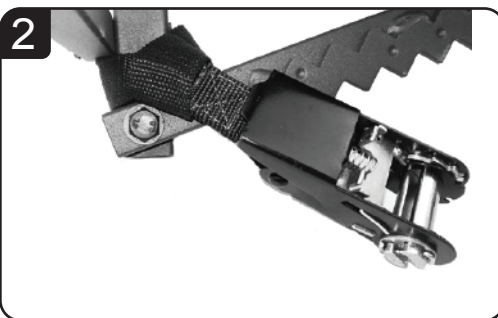
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RATCHET STRAP INSTRUCTIONS

MODEL: PVLS-521
DELUXE 18' TWO-MAN LADDERSTAND



1 Place looped end of Ratchet under platform



2 Insert Ratchet through loop



3 Pull to tighten



4 Place looped end of strap under platform

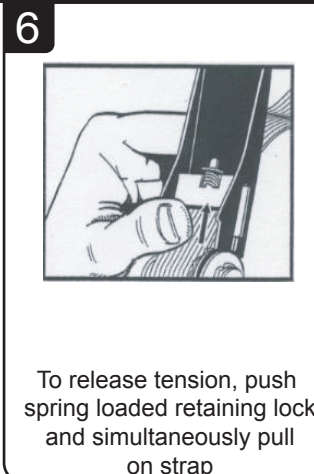
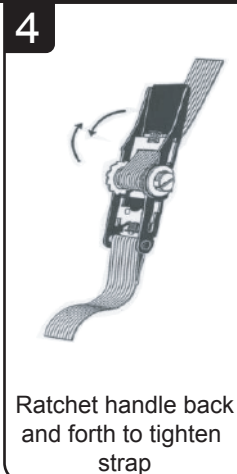
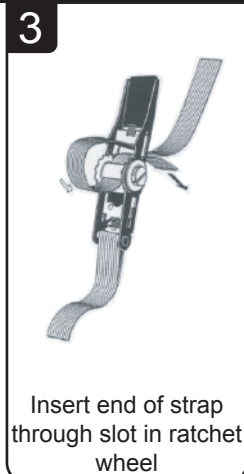
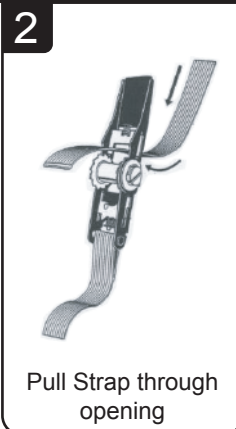


5 Insert strap through loop



6 Pull to tighten

DETAILED RATCHET STRAP INSTRUCTIONS



YOU MUST READ AND FOLLOW ALL INSTRUCTIONS PRIOR TO INSTALLATION



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