

The
“CHALLENGER”®

K-12 Training Saw Tree

By



User's Manual and Operating

Instructions

Model # RM-ST1-15A

Warning: Users of this equipment risk injury to themselves and others if it is used improperly and/or safety precautions are not followed. PEB Enterprises, LLC provides this user's manual. It must be read in its entirety and understood for proper and safe operation. Failure to do so could result in damage to the prop, serious personal injury or death. This user's manual is also designed to instruct you as to the proper manner in which to operate and maintain this prop. This manual is not however designed to give instruction on forcible entry techniques or training.

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IMPORTANT NOTICE

1. **Read this manual thoroughly** before assembling, operating, or maintaining this prop. By allowing operation of this prop you agree that you fully understand and comprehend the full content of this manual in its entirety.
2. **This prop** is designed for both indoor and outdoor use and should not be left outdoors in inclement weather. Prolonged exposure to water/moisture will eventually result in corrosion and rust causing improper operation or failure of components.
3. The floor on which the prop is to be used must be of concrete or asphalt. This prop is **not** designed to be used on grass or soft soils shifting, settling or tipping could result and damage to prop, personal injury or death could occur.
4. **Do not** attempt to set up or operate this prop if you have not read this manual in its entirety or have not been instructed on the set-up and operational procedures.
5. **Never** attempt to lift components without proper lifting techniques or help. Stay clear of any moving parts that can fall and cause injury. These instructions must be followed to insure proper installation and operation of your prop. Failure to comply with these instructions can result in serious bodily harm, death and or damage to the prop.
6. **PEB Enterprises, LLC** will assume **no** liability for loss or damage of any kind, expressed or implied resulting from improper assembly, placement or use of this product.
7. **No lubrication is required** on any area of this prop.

DEFINITIONS OF HAZARD LEVELS

Identify and become familiar with the hazard levels used in this manual and sticker locations used on this prop with the following definitions and signal words. Failure to follow DANGER, WARNING and CAUTION instructions may lead to serious personal injury or death to the operator, bystanders and or cause damage to the prop.

DANGER!

It Means: Immediate hazards which will result in severe personal injury or death.

WARNING!

It Means: Hazards or unsafe practices which could result in severe personal injury or death.

CAUTION!

It Means: Hazards or unsafe practices which may result in minor personal injury, product or property damage.

IMPORTANT SAFETY INSTRUCTIONS
READ THESE SAFETY INSTRUCTIONS ENTIRELY!

Do not attempt to set up or operate this prop if you have not read this manual in its entirety or have not been instructed on the set-up and operational procedures. Never attempt to lift heavy components without proper lifting techniques or help.

1. **READ ALL INSTRUCTIONS.**
2. **READ AND UNDERSTAND** all safety warning procedures before operating prop.
3. **DANGER! To prevent injury a minimum of two people must be used** when tilting and moving the prop. We recommend that the prop be moved with suitable wheeled dolly.
4. **KEEP HAIR, LOOSE CLOTHING, FINGERS, AND ALL PARTS OF THE BODY AWAY FROM MOVING PARTS.**
5. **KEEP HANDS AND FEET CLEAR.** Remove hands and feet from any moving parts. **AVOID PINCH POINTS.**
6. **KEEP WORK AREA CLEAN.** Cluttered work areas invite injuries. Clean up wood scraps immediately after each personal use. Keep all tools not being used staged a safe distance away to prevent trip and fall incidents.
7. **CONSIDER WORK AREA ENVIRONMENT.** Do not expose equipment to rain. **DO NOT** use in damp or wet locations.
8. **ONLY TRAINED OPERATORS** should operate this prop. All non trained personnel should be kept away from work area. Never let non trained personnel come in contact, operate or assemble this prop unless supervised by a trained and qualified instructor.
9. **REMAIN CLEAR** of prop when in use. Anyone not actively involved in the use of the prop should stand clear of swinging and prying tools a minimum of 15 feet. This is also to avoid flying wood and metal from the prop or sparks from the K-12 or hand tools.
10. **DRESS PROPERLY.** Non skid steel toe footwear is recommended when operating the prop. **All PPE MUST** be properly worn when working on or around the prop just as you would on the fire ground. Base plate is slippery when wet, keep dry.
11. **ALWAYS WEAR SAFETY GLASSES.** Everyday eyeglasses only have impact resistant lenses. They are not safety glasses. Full eye or face shields are recommended when cutting, prying or striking is being performed. Follow all tool manufacturers' instructions when in use.
12. **MAINTAIN WITH CARE.** Keep prop clean for better and safe performance. Follow manual for any maintenance instructions. Keep all surfaces dry and clean and free from grease and oil.
13. **STAY ALERT.** Watch what you are doing. **Use common sense.** Be aware!

IMPORTANT SAFETY INSTRUCTIONS cont.

14. **CHECK FOR DAMAGED PARTS.** Check for alignment of moving parts, breakage of parts or any condition that may affect its operation. Do not use prop if any component is broken or damaged.
15. **NEVER** remove safety related components or labels from the prop. Always have a copy of this user's manual readily available for all operators. Replaceable safety stickers are available by contacting the manufacturer at PEBenterprises.com

OWNER / EMPLOYER RESPONSIBILITIES

- Shall ensure that prop operators are qualified and that they are trained in the safe use and operation of this prop and that they have read viewed and comprehend all supplied materials and can operate this prop according to the manufacturer's instructions.
- Shall establish procedures to periodically inspect the prop in accordance with the manufacturer's instructions.
- Shall establish procedures to periodically maintain the prop in accordance with the manufacturer's instructions and the Employer Shall ensure that maintenance personnel are qualified and that they are adequately trained in the assembly and operation of this prop.
- Shall maintain the periodic inspection and maintenance records recommended by the manufacturer. See pages 7-8 of this manual.
- Shall display the prop manufacturer's operating instructions and shall not modify the prop in any manner. Any modifications performed shall immediately void the Warranty.

OPERATING INSTRUCTIONS

IMPORTANT NOTICE!

The following operating instructions must be followed as outlined to prevent damage to the prop and or equipment. Failure to comply with these instructions can result in serious injury, death and void product warranty. Manufacturer will assume no liability for loss or damage of any kind, expressed or implied resulting from improper placement or use of this product.

**BY PROCEEDING WITH THE OPERATION OF THIS PROP
YOU AGREE THAT YOU FULLY UNDERSTAND AND
COMPREHEND THE FULL CONTENTS OF THIS MANUAL.**

Moving and Placing the Prop

1. Find a ***flat clean and level surface made of concrete or asphalt*** to place the prop onto. To safely move the prop we recommend using a ***minimum of 2 people*** and a suitable wheeled dolly. We do not recommend the prop be carried by hand of any number of people.
2. Once the prop is on a suitable hard flat surface ensure that it does not have any movement to it. You may have to rotate or slide it around until it is level and no movement is felt. If a flat surface cannot be found it may be necessary to use thin wooden wedges/strips to level out the base. ***DO NOT USE the prop if it is not level or has movement to it, tipping and personal injury could result.***

Using the K-12 Saw Tree

3. When placing rebar into the receptacles ***do not install pieces horizontally no longer than 24" long***. Longer pieces will create trip hazards and injuries to the face or head if someone were to walk by or rise up into it. The attachments will accept up to $\frac{3}{4}$ " #6 rebar. Firmly tighten the retaining bolt with a $\frac{3}{4}$ " box end wrench or ratchet with a $\frac{3}{4}$ " socket. To save materials allow approx. 6" to stick through on the either side and cut short half to $\frac{3}{4}$ " pieces.

Using the Hinge/Flat Plate Cutting Attachment

4. When cutting hinges or flat plates place the desired size hinge into the hinge attachment and allow the hinge to stick out the same distance as a hinge appears on a door, the same for flat plate and secure tightly the retaining bolts. By learning how to hold and control the K-12 saw it is possible to cut hinges and flat bar without cutting or contacting the face plates of the hinge attachment, thus prolonging the life of the attachment. The use of flat plate saves money and is just as realistic as hinges. The top 2 hinge cutting attachments can be adjusted from the lowest 2 holes to the height of 6' 8" commercial door or moved up to the top two holes to the height of a 7' commercial door.

Combination and Pad Lock Cutting

5. The combination and pad lock cutting attachment can accept a wide range of locks. This attachment allows you to show students the many ways of cutting and braking different style locks with a K-12, bolt cutters or even the Haligan or Pro-Bars

Using the Two Large Clamping Devices

6. The 2 large clamping devices are supplied for securing larger size metal square stock or wood. Wooden 2 X 4 pieces can be secured and chainsaws used as well. As long as it fits and it can be secured safely it can be cut.

Warranty Information

Your “Challenger” K-12 Training Saw Tree is proudly built in the USA and comes with a 1 year craftsmanship warranty (welds and operation). Because of the type of work practices you’re “Challenger” K-12 Training Saw Tree is designed to endure. PEB Enterprises, LLC cannot warranty against physical damage to components that are not designed to be cut, struck or pried on such as but not limited to the threads, bolts, nuts, frame, base or the powder coat finish against chips and scratches. PEB Enterprises, LLC reserves the right to void the warranty against improper assembly, operation and modifications made without prior written consent from the manufacturer.

CONSUMABLES

Your “Challenger” K-12 Training Saw Tree uses several “consumables” that are the responsibility of the purchaser to continually provide to meet the training needs.

1. Rebar, sizes 5/8” #5 or 3/4” #6
2. 4 1/2” commercial hinges or.....
3. 4 1/2” x 3/16” x 16” flat plate (the cheaper alternative to simulate hinges)
4. Locks (keyed & combination.)

PEB Enterprises, LLC wants to thank you for your decision and purchase of our K-12 Training Saw Tree. We hope you will find this prop very useful and important to your department’s constant training needs for many years to come. If at any time you have any questions, comments, need technical assistance or replaceable parts please contact us at 757-715-4334 or at PEBenterprises.com

