

# OPERATIONS MANUAL

*Usage, care and maintenance of all Horton crossbows*



GET WHAT YOU AIM FOR



# INTRODUCTION

CONGRATULATIONS! You are now the owner of one of the finest crossbows ever designed. Your new Horton crossbow is one of the most accurate and dependable production crossbows known to the shooting industry. All Horton crossbows are manufactured as high quality, precision sporting arms which utilize the latest materials and manufacturing processes to ensure their dependability and safety. With reasonable care, your new Horton crossbow will provide you with a lifetime of pleasure and dependable service whether you are a hunter, an outdoorsman, or a recreational target shooter.

Before you begin assembly or shooting, read this manual thoroughly. Without proper working knowledge and instruction, you could damage your crossbow or cause injury to yourself and/or others. When you have read this manual thoroughly and understand it completely, be sure to save it for future reference.

**NOTE: If any part of this manual is unclear, or poses any doubt, contact Horton Customer Service or your local Horton dealer. They are both experienced in the assembly and operation of your crossbow and would be glad to assist you with any problems that may arise.**

Every effort has been made to ensure that all product photographs and descriptions in this manual are accurate. However, with our continual effort to provide you the best products, changes in materials or design may result in production changes before a new manual can be updated. Horton Manufacturing Company, Inc. reserves the right to modify or change product specifications and the information contained in this manual without notice.

Horton Manufacturing Company, Inc. shall not be liable for technical or editorial omissions or mistakes in the manual nor shall it be liable for incidental or consequential damage resulting from your use of the information contained in this manual.

This manual contains confidential and proprietary information and is copyrighted. All rights reserved. No part of this manual may be photocopied or reproduced in any form without the prior written consent of Horton Manufacturing Company, Inc.

## SAFETY PRECAUTIONS

1. **Always remember to treat your crossbow with the same respect due any sporting arm:** Your crossbow is a very powerful weapon and can be dangerous and deadly if mishandled.
2. **Always point your crossbow in a safe direction:** Never, under any circumstances, point your crossbow at anything you do not intend to shoot!
3. **Always check your crossbow thoroughly for worn, damaged, loose or missing parts prior to shooting:** This will help you avoid malfunctions and prevent possible injuries.
4. **Never dry fire your crossbow:** Shooting your crossbow without an arrow not only voids the warranty, but it could also damage the crossbow and possibly cause bodily injuries.
5. **Never cock or load your crossbow until you are ready to shoot and are sure of your target:** While hunting, keep in mind that many hunters dress in camouflage clothing and are difficult to identify.
6. **Never release the safety until you are ready to fire:** Do not attempt to delete or alter the safety or trigger mechanism in any way. This will not only void the warranty, but could also result in severe bodily injury and possible death.
7. **Before shooting, be sure the crossbow limbs are clear from striking tree limbs and other obstacles:** Should this occur, accuracy of the arrow would be greatly affected and could result in damage to the crossbow and/or injury to the shooter and others.
8. **Never, under any circumstances, shoot your crossbow while behind or directly along side others:** If the crossbow was to malfunction, injuries may result to those who are standing directly along side the crossbow.
9. **Never, under any circumstances, shoot any projectile in your Horton crossbow except for arrows recommended by Horton for your specific crossbow:** Because of the crossbow's ability to store a tremendous amount of energy, any deviation in the recommended arrow could damage the crossbow and possibly result in bodily injury.
10. **Never load the crossbow with an arrow until you're ready to fire:** When hunting from a treestand, always wear a safety belt and use a rope to hoist your UNLOADED crossbow in and out of the stand. When stalking or walking, NEVER load an arrow into the crossbow until ready to fire.

REMEMBER TO CONSULT YOUR LOCAL GAME DEPARTMENT ON RULES AND REGULATIONS GOVERNING CROSSBOW HUNTING AND THE TAKING OF LEGAL GAME SPECIES.





## INSTRUCTIONS ON ASSEMBLY



1. Lift the top impression of the front mounting bracket to the rear panel (marked with) from the side. The rear panel has two holes for screws with the corresponding size for the front impression of the bracket, see Figure 1.

2. To secure the device to the rear panel, insert the screws through the rear panel into the front impression of the front mounting bracket. Tighten the screws with the screwdriver (included). See Figure 2.



3. Continue to slide the base onto until the trigger and the front panel are flush against the rear panel (marked with) from the front of the unit.

4. Slide the front panel into the groove along to the body, insert the pins (marked with) from the front, and rotate the front panel to the left through the trigger and into the hole in the front of the unit. Figure 3 shows assembly with a trigger lock.

The unit now appears like Figure 3.



5. Make sure the front trigger. When the front impression of the trigger is positioned in the hole of the rear. Make sure the front trigger is engaged in such a manner, that it fits into the groove with the front trigger guard. To engage the front of the trigger, push the front panel down to complete the front trigger system. See Figure 4.

## Instructions on Assembly



1. With the string of the way back over the terminal's edge. Check to make sure the 24 longitudinal conductors are straight over to the 24 longitudinal conductors in the case.
2. Lock the top spring in place to insulate the two 24V cells. Use a wire pencil or thin file corresponding to the diameter of the hole. Tighten both screws with a 1/8" hex key. Tighten screws. Check to make sure the top string is seated. Make adjustments with the hex key if required.





## Lowback and Staircase



This step-down task is considered safer than an upward and backward step because a participant will likely be using their strong flexor muscles and knee prior to landing.

1. Prior to landing, place the left foot flat on the ground with the heel on the "heel" position. Pull the upper trunk forward and down until the body is over the heel. The upper trunk should be slightly flexed. The right foot is on the "heel" position. See Figure 11.

2. Place your feet inside the step for the first attempt. Repetition the step-down task, adjusting the step to each foot until the heel side of the raised block is against the foot. In other words, the heel of the foot is completely under the step.



Figure 12

Being tested. Consider the step-down procedure as a step-down task. See Figure 12.

3. With the right foot on the "heel" or "heel" position and the left foot on the "heel" position, the participant will step down to the ground. The participant will be stepping a distance that your feet were slightly in front of the heel position marked in the task. On each step-down procedure, if the participant has difficulty, pull back again. If the participant has trouble, consider adjusting the Figure 12.

**NOTE:** The number will increase the the "heel" or "heel" position.



Figure 13

1. The utility factor is automatically updated when the utility is properly coded. The utility factor is always 100% when the utility is in the "On" or "Off" position being tested. When the utility is in the "Off" position, the utility factor is 0%.
2. The use case is automatically updated when the utility is in the "On" position and the utility factor is 100%. The use case is automatically updated when the utility is in the "Off" position and the utility factor is 0%.

## USE CASES IN THE SYSTEM MODEL WITH CAPTION

1. This system will determine the utility factor when the utility is properly coded in the system. The utility factor is always 100% when the utility is in the "On" position and 0% when the utility is in the "Off" position. The utility factor is always 100% when the utility is in the "On" position and 0% when the utility is in the "Off" position. The utility factor is always 100% when the utility is in the "On" position and 0% when the utility is in the "Off" position.



Figure 11

UTILITY FACTOR IS ALWAYS 100% WHEN THE UTILITY IS IN THE "ON" POSITION AND 0% WHEN THE UTILITY IS IN THE "OFF" POSITION.

When the utility is in the "On" position, the utility factor is always 100%. When the utility is in the "Off" position, the utility factor is always 0%. The utility factor is always 100% when the utility is in the "On" position and 0% when the utility is in the "Off" position. The utility factor is always 100% when the utility is in the "On" position and 0% when the utility is in the "Off" position.

UTILITY FACTOR IS ALWAYS 100% WHEN THE UTILITY IS IN THE "ON" POSITION AND 0% WHEN THE UTILITY IS IN THE "OFF" POSITION.

## Scoring the Crossbar

The following information will assist you in determining the proper construction of the scoring system for your crossbar.

The following information is for the general purpose of providing information and assistance to those individuals who are interested in participating in the scoring system.

Your committee should assign the appropriate number of points to each of the following categories.

### Scoring the Right Information

Scoring the right information will ensure the appropriate use of your crossbar.

Scoring the right information will ensure the proper use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.

Scoring the right information will ensure the appropriate use of the crossbar.







