



# **Congratulations On Your Purchase**

## **Please Read The Entire Manual**

Failure to read this could cause you to damage your crossbow and or cause serious injury to yourself or others. Please keep this manual for future reference or visit our website for an electronic version @ [www.middletoncrossbow.com](http://www.middletoncrossbow.com)

## Instructions Regarding Your Ambidextrous Automatic Engaging Safety (2010 Models)

New for 2010 Middleton has incorporated an automatic safety. This safety will provide you with years of trouble free use. To operate the safety must be in the (f) fire position when cocking. When cocking the bow simply pull back as you would when you cock any crossbow preferably using the cocking aid, looking down at the back of the bow you will see the safety move from the (f) fire position to the (s) safe position at this time your safety is on and the bow is cocked. It should be at 90 degrees to the back of the action, if you remove it temporarily from (s) safe position in anticipation of shooting, it is important to remember to return it to the safe position.

Always identify your back stop and target before you take your safety off and only take it off when you intend on shooting. Never point at anything you do not intend on shooting, and remember to return the safety to the (s) safe position if you have temporarily put it to fire and did not discharge the bow.

## Instructions Regarding Your Manual Safety

Like a great deal of firearms past and present your middleton crossbow comes equipped with an ambidextrous manually engaged safety catch. This safety will provide you with years of trouble free use, to actuate the safety move it to the down (s) safe position after your crossbow is cocked, keep it in this position until you have identified your target and wish to (f) fire your bow.

Your attention is required to put the safety in the down position before you remove your foot from the stirrup once you have cocked your bow. Always identify your backstop and target before you take your safety off and only take it off when you intend on shooting your bow. Remember to put the safety back on if you do not shoot your bow.



Safety in fire position



Safety in safe position

## Arrow Configuration

Middleton Crossbows are designed to use 20" GOLD TIP™ Laser-2 carbon crossbow arrows that are flat notched. An Easton aluminium arrow in #2213,#2216,#2219 sizes or an equivalent 20" carbon series arrow will also work. Your arrow must include a low profile fletch. To determine minimum arrow length by model, add 3.5 in. to your draw length this will give you a minimum arrow length i.e. DTM315 (13.5in.+ 3.5in.= 17in.). Arrow weight should be minimum of 350grain except for the DTM315 it is capable of accepting a 325grain total weight arrow, this includes tip i.e. field point or broad head.

## Important Safeguards

1. Always treat your crossbow as if it were loaded, it can cause fatal injuries if mishandled or improperly used.
2. **Make it a habit to check your bow for worn, loose damaged or missing parts prior to use, this will help ensure your crossbow will function as it should.**
3. Do not dry fire your bow, this could cause damage and will void your warranty.

4. Always ensure your safety is engaged after cocking, make sure you can identify the target you intend to shoot, and your backstop.
5. Do not release the safety until you are ready to shoot.
6. Never tamper with or try to modify the safety or trigger mechanism in anyway.
7. Make sure you only fire appropriate bolts designed for your crossbow.
8. Replace your string as soon as it shows any significant sign of wear.
9. Your limbs are made of material that is unaffected by the extreme heat in an automobile trunk. **If you wish to unstring your bow check your accuracy after reassembly to make sure it was not compromised.** (Try to avoid unstringing your bow except between seasons, it will affect accuracy)
10. Identify your target and re-identify. Keep in mind that bow hunters dress in camouflage clothing and are difficult to identify.
11. When shooting, be sure the crossbow limbs will not strike an obstacle, like a tree limb.
12. Check your bolts (arrows) regularly for signs of wear, splits, dents or anything that may weaken them. An extreme amount of stress is placed on crossbow arrows as they are released and damaged arrows could break causing possible injury to your crossbow or the shooter.
13. When carrying arrows for target shooting or hunting broad heads always ensure they are carried safely, so as to cause no harm to you or those around you. Use of a quiver is desirable.
14. Beware of your crossbows string and limb travel path and never expose a part of your body in this area. You also must ensure that your fingers and thumb are below the deck before shooting.

## PUTTING YOUR CROSSBOW TOGETHER

### Refer To The Drawings When Assembling Your Bow, Your Crossbow Has Come With A Tool For Assembly And Maintenance

1. Mount the yoke holding the limbs to the barrel with two 5/16 in. flat bolts and countersunk washers; tighten them with the allen key provided.
2. Slide the front sight onto the dovetail and tighten the setscrew.
3. Inspect the crossbow and check all fasteners to ensure they are tight.
4. **Make a habit of inspecting your bow for signs of wear at the beginning or end of each outing, this will ensure proper function of your new bow when you need it.**



## MANUALLY STRINGING YOUR CROSSBOW

### Use Caution Not To Push On The Stock Butt To String Or Unstring Your Bow, This Could Damage Your Stock

1. On a softer surface like carpet or wood, insert your foot through the stirrup, slip one end of your string on the limb end
2. Grab hold of the other side of the limb with both hands close as possible to the end of the limb, keep the other end of the bow string between your thumb, forefinger and the limb.

3. Using your stirrup as a pivot put your weight against the body of the bow not the stock end. Lean into your bow with one limb on the ground and the other in your hand being compressed. This will flex your limbs allowing you to slip your string on.
4. Push the string onto the limb when it is flexed enough to permit this.
5. There is a line scribed in the top deck of your bow, your string should be around this line when it is strung properly.
6. Adjust the height of the string by twisting your string to bring it to the correct height, you will perform this as often as your string stretches and needs to be readjusted.
7. With practice stringing and unstringing your bow will become incredibly easy, remember to check accuracy after unstringing your bow.
8. We also have a stringing tool if you have difficulty with the above procedure; it is available from your local dealer.

## Cocking Your Crossbow

1. Before you cock your crossbow put the safety in the upward fire (F) position. If the trigger cannot be depressed the safety is not in the fire position and you will be unable to load your crossbow.
2. For crossbow's equipped with a built in cocking system detach the hook and handle from each side of the crossbow and attach them to the bow string on both sides as in the picture.
3. For bows not equipped with built in cocking place your stringing aid in the groove at the top back of the stock below your safety and attach a hook to each side of your string.
4. Place your foot in the stirrup at the front of the bow, with each hand grasp a handle on either side of the barrel.
5. Ensuring the safety is in the fire or (F) position and with your arms locked stand up pulling the handles until you hear a click in the trigger housing. The string will now be locked in the shooting position.
6. Before releasing the string from your grip, be sure it has actually engaged the latch, if it has not pull back the string and repeat until you hear a click. Release the string from your grip once you are satisfied it is latched.
7. **PUT THE SAFETY IN THE DOWNWARD SAFE (S) POSITION ONCE THE STRING HAS BEEN LATCHED SECURELY.**
8. Detach and retract the cocking system, store the hook and handles where you found them. You may now load your bolt (arrow) in the groove of your barrel with one fletching down. Slide the arrow under the spring hold-down until it enters the latch and stops at the string.
9. **AT THIS TIME YOUR CROSSBOW IS LOADED, TREAT IT WITH THE SAME RESPECT YOU WOULD ANY FIREARM.**
10. **NEVER POINT YOUR BOW AT ANYTHING YOU DO NOT WISH TO SHOOT OR ANY THING YOU CANNOT CLEARLY IDENTIFY.**

## Uncocking Your Crossbow

1. Remove your arrow.
2. Place your foot firmly in the stirrup.
3. Reattach the cocking aid to the string as when you cocked the bow.
4. Move the safety to the fire position.
5. Lift the cocking handles to release the tension on the bowstring.
6. With the tension off the string catch, have an assistant depress the trigger.
7. In time you will be able to accomplish this task yourself by holding the two handles in one hand and pulling the trigger to release the string with the other hand. This may take some practice.

## Adjusting The Sights On Your Crossbow

1. It is recommended to take your first shots at 10 yards. Make sure your backstop is sufficient to stop your arrow, identify your backstop in case an arrow passes through the stop or you miss your target.
2. Place the crossbow against your shoulder and point it toward the target, move the safety up to the (F) fire position. **Your bow is now ready to fire.**
3. You may now shoot an arrow to get an idea where the sights need adjusting.
4. The fiber-optic front sight can be moved left to right and up and down.
5. It is important to remember that a front sight has to move opposite the direction you want your shot to move.
6. **Elevation, if you want to raise your arrows point of impact on the target lower the front sight.**
7. **Windage, move your sight the opposite way of your desired arrow impact, i.e. If you need the arrow to move right move the sight left.**

## Crossbow Upkeep And Maintenance

1. Periodic lubrication of your trigger mechanism is necessary. You can use any non-dust attracting lubricant you may use your favourite gun oil, apply it through the safety slot and into the trigger area.
2. Deck wax applied to the centre serving of your string will greatly enhance its life.
3. As mentioned previously make it a habit to regularly inspect all fasteners on your bow before or after each outing, this will ensure proper function when needed.
4. Unstringing your bow between seasons will lengthen the life of your string and slow the stretching of the string, remember you should always check accuracy after your bow is unstrung.

## Warranty

Middleton Crossbows are warranted for the lifetime of the original purchaser to be free from defects in material and workmanship. This warranty does not include normal wear on strings, and bow finish. Outfitters or stores that loan bows are not covered by the warranty. The owner is responsible for shipping and handling costs for warranty work. Damage caused by mishandling, abuse, dry firing, modification of the product, or shooting improper arrows is not covered and may void the warranty. Warranty is only valid once your warranty card is mailed in **with the serial number filled out**. If you have questions regarding the use of your crossbow please call 1-877-826-7145.

**Now that you have read the instructions please detach and mail your warranty card, remember to include the crossbow serial number from the side of your action. If you have lost your warranty card please print an electronic version from our website**  
**[www.middletoncrossbow.com](http://www.middletoncrossbow.com)**



# Product Registration Card

Complete and mail your Product Registration Card today!

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

City \_\_\_\_\_

Phone \_\_\_\_\_

Province / County / State \_\_\_\_\_

Postal Code / Zip \_\_\_\_\_

Country \_\_\_\_\_

E-mail (optional) \_\_\_\_\_

Where Purchased \_\_\_\_\_

Model \_\_\_\_\_

Serial# \_\_\_\_\_

Date of Purchase    Month                      Day                      Year \_\_\_\_\_



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