



# PRIME

ARCHERY

**RVX**  
OWNERS MANUAL



# PRIME™ SHIELD WARRANTY PROGRAM

## LIFETIME REPLACEMENT OF STRINGS/CABLES

AN INDUSTRY FIRST, PRIME OWNERS ARE ELIGIBLE FOR A FREE SET OF STRING/CABLES EVERY TWO YEARS (FROM DATE OF REGISTRATION) FOR THE LIFE OF THE BOW TO THE ORIGINAL OWNER.

## LIMITED LIFETIME WARRANTY

YOUR PRIME BOW IS COVERED FROM ANY MANUFACTURER DEFECTS FOR THE LIFE OF THE BOW TO THE ORIGINAL OWNER.  
DOES NOT INCLUDE STRINGS, CABLES OR RUBBER ACCESSORIES DUE TO NORMAL WEAR.

## 100 CYCLE ASSURANCE

FIRST OF ITS KIND - WE CYCLE EVERY PRIME BOW 100 TIMES TO MAKE SURE THE BOW IS PERFORMING PROPERLY, ALSO TO MAKE SURE THE STRINGS ARE STRETCHED AND SETTLED SO THERE IS NO RETUNING AFTER YOU PURCHASE YOUR BOW.

## SIX MONTH TUNE UP (UNITED STATES ONLY)

TO ENSURE YOU'RE READY FOR THE FIELD, RECEIVE A FREE TUNE UP AT YOUR LOCAL PRIME DEALER WITHIN SIX MONTHS OF THE PURCHASE OF YOUR BOW. YOUR BOW MUST BE REGISTERED TO QUALIFY.

**PRIME BOWS MUST BE REGISTERED BY AUTHORIZED PRIME DEALERS.  
OR ONLINE AT [WWW.G5PRIME.COM](http://WWW.G5PRIME.COM)**

**REGISTRATION AND SHIELD BENEFITS LIMITED TO ORIGINAL OWNER.  
BOWS PURCHASED IN USED CONDITION UNDER ANY CIRCUMSTANCES  
ARE NOT ELIGIBLE FOR REGISTRATION.**

Prime bows are engineered, machined, and assembled with the highest quality craftsmanship in the USA. Please review the entire manual before operating your new Prime bow. Many adjustments require the use of a bow press - **PLEASE CONSULT YOUR LOCAL PRIME DEALER ON GENERAL SETUP AND TUNING.**

## BEFORE OPERATING YOUR BOW

The following manual provides basic information regarding the safe setup and operation of your new Prime bow. This is in no way intended to be a full guide, and does not substitute for the experience of a trained bow technician. Your local Prime dealer employs trained bow technicians that are qualified to work on your bow. Prime recommends working with your local Prime dealer during the initial setup and operation of your bow in order to make sure that everything is working properly and that you are getting the maximum performance from your bow. Make sure you are familiar with the proper use and operation of a compound bow before attempting to operate your new bow. Thoroughly inspect your bow for any loose or missing components, and check for signs of damage or wear every time before operating your bow. Never operate a bow that you believe is unsafe. Ensure that any additional accessories are undamaged and in proper working condition. Make sure your target is clear of obstruction and that there is nothing that might inhibit the path of your arrows. Make sure that your target has an appropriate backstop, and that the area behind it is clear and safe of people or objects you do not wish to destroy. A full list of warnings and other information regarding the operation of your bow can be found on our website. Be sure to completely familiarize yourself with all of these warnings before operating your new bow.

## OPERATING AND STORING YOUR BOW

Be sure that your cams, limbs, and any other moving components on your bow are clear of clothing, hands, or other foreign objects before releasing your bow string. **NEVER ATTEMPT TO RELEASE THE STRING WITHOUT AN ARROW, OR WITH AN ARROW THAT DOES NOT MEET THE MINIMUM WEIGHT RECOMMENDATION OF 5 GRAINS PER 1 LB OF DRAW WEIGHT.** Always inspect your arrows before shooting; loose or damaged arrow nocks and defective arrow shafts can result in catastrophic failure and lead to serious injury.

Do not store your bow in areas of excessive heat, such as next to a furnace or in the trunk of your car on a sunny day. Do not leave your bow exposed to rain or snow, or in areas of excessive humidity, such as in a damp basement or crawlspace. Keep strings and cables away from sharp objects and away from sources of open flame and heat. Always perform routine maintenance after storing your bow for excessive periods of time. Never assume your bow will be identical to the way you left it.

**PRIME BOWS ARE INTENDED FOR TARGET SHOOTING AND THE LEGAL TAKING OF GAME ONLY. ANY OTHER USE OF OUR PRODUCT IS NEITHER ENDORSED NOR ENCOURAGED BY PRIME, AND CAN LEAD SERIOUS INJURY OR DEATH TO YOURSELF OR OTHERS. ALWAYS PUT SAFETY FIRST WHEN OPERATING YOUR ARCHERY EQUIPMENT.**

**YOUR BOW IS NOT A TOY. FAILURE TO ABIDE BY THESE RULES CAN CAUSE SERIOUS INJURY OR DEATH TO OTHERS. BE RESPONSIBLE FOR YOUR OWN ARCHERY SAFETY.**



**WARNING! YOU'RE RESPONSIBLE FOR ARCHERY SAFETY**

# **RVX** *BOW ANATOMY*

**CORE CAMS**

**LIMBS**

**LIMB POCKETS**

**STRING**

**CABLES**

**PRIME S3.0 MOUNT**

**PICATINNY SIGHT MOUNT**

**FLEXIS CABLE GUARD**

**RISER**

**QAD INTEGRATED REST CUTOUTS**

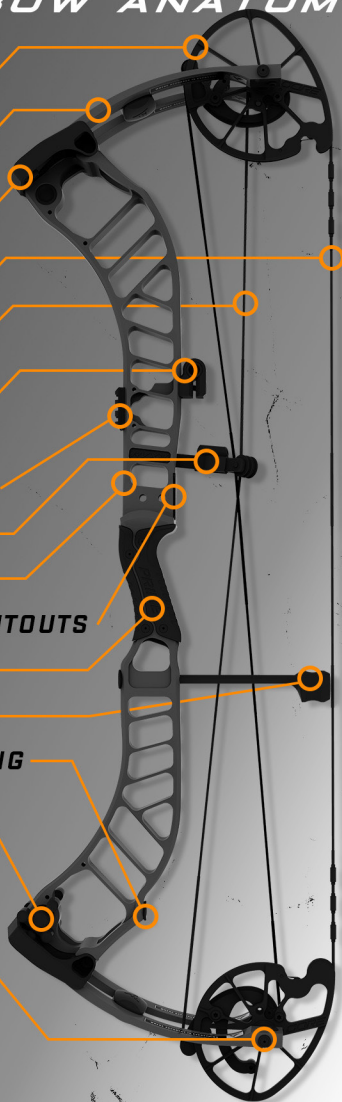
**NANOGRIP**

**STRING STOP**

**REAR STABILIZER BUSHING**

**VIBRATION DAMPER**

**AXLES**



# SETUP

## VISIT YOUR LOCAL PRIME DEALER FOR BOW SETUP WHICH INCLUDES:

- Adjusting your bow's draw length and draw weight
- Checking and adjusting the factory tuning of your bow
- Installing and adjusting your bow's accessories
- Replacing and/or servicing your bow's strings and cables
- Selecting the proper arrow for your bow

## SETTING UP YOUR BOW

The following section is provided to help you familiarize yourself with the initial setup and operation of your Prime bow. This is in no way intended to be a full guide, and does not substitute for the experience of a trained bow technician. Your local Prime dealer employs trained bow technicians that have the tools and experience to help you with many common adjustments on your bow.

It is important to consult with your local Prime dealer in order to maximize the performance of your bow. Do not attempt to set up your bow if you are unsure how to do so, or if you don't have the proper tools.

## INITIAL NOCKING POINT

The initial nocking point for your bow is approximately 7/8" above shelf of the riser. Prime recommends using a D-Loop style nocking point in conjunction with a mechanical release aid in order to maximize the performance of your bow. Always consult with your local Prime dealer for help with properly installing a D-Loop. Always refer to your manufacturer's instructions regarding the safe operation of your mechanical release aid.

## INSTALLING/ADJUSTING YOUR REST

Prime bows use a standard 5/16"-24 tapped hole for mounting arrow rests and other optional accessories. Mount your rest using the hardware provided by your manufacturer. Always read your manufacturer's instructions regarding the safe installation and operation of your rest. To start, position your rest so that the center of your arrow is approximately 7/8" from the inside of your bow's sight window, and approximately 7/8" above the top of the arrow shelf\*. This is a good starting point, and will produce good arrow flight with most users.

\*Not all rests have vertical adjustment. In such cases, contact your rest's manufacturer as to the best way to make vertical adjustments with your rest.



# ADJUSTING DRAW LENGTH

Your local Prime dealer employs trained bow technicians that have the tools and experience necessary to adjust the draw length on your new Prime bow. Always consult your local dealer before making adjustments to your bow. Use the chart below before making any adjustments to the draw length of your bow. It is recommended to work with your local dealer to find your ideal draw length.

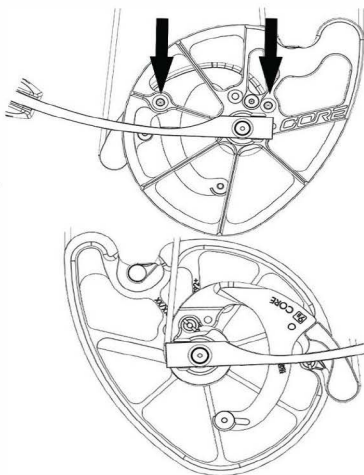
**Step 1:** Completely remove the two screws from the draw module on the back side of both cams.

**Step 2:** Remove the mods currently on the bow. Replace both the mods with the correct mod for your desired draw length. (See chart)

*On right-handed bows A mods will be on the top cams and B mods will be on the bottom cams. For left-handed bows A mods will be on the bottom cams and B mods will be on the top cams.*

**Step 3:** Reinstall both of the mod screws into the mods and tighten to the cams.

It is important to make sure that both mods are the same when making adjustments to your draw length. Do not attempt to operate your bow without the mods. Doing so will cause the bow to lockup.



## LET-OFF

Your Prime bow has adjustable let-off. Included with each bow, a set of mods for more holding weight are included. Primes come standard with 80-85% let-off mods in.

## TUNING YOUR BOW

Some users find that they may have to make additional adjustments to their bow in order to optimize the flight of their arrows as they go downrange. The process of making these adjustments is often referred to as "tuning," and is usually believed to improve the overall accuracy of your bow. Your local Prime dealer employs a trained bow technician that is familiar with all of the methods available for tuning your Prime bow. Not all methods of tuning are obvious or easily accessible to the user, so Prime highly recommends you speak with your local Prime dealer if you are unhappy with the arrow flight being produced by your bow.

## DRAW LENGTH:

# SETUP CONT.

The all new Core cams have user specific mods in  $\frac{1}{2}$ " intervals. When adjusting draw length use graph to find which mod will work for your draw length.

**Visit your local Prime dealer to have your draw length adjusted.**

Core Mod Number	Revex 2 Draw Length	Revex 4 Draw Length	Revex 6 Draw Length
1	30"	30½"	31½"
2	29½"	30"	31"
3	29"	29½"	30½"
4	28½"	29"	30"
5	28"	28½"	29½"
6	27½"	28"	29"
7	27"	27½"	28½"
8	26½"	27"	28"
9	26"	26½"	27½"

## DRAW WEIGHT:

Your Prime bow has the ability to lower its effective draw weight by approximately 10 lbs. Always check with your local Prime dealer before making any draw weight adjustments to your bow.

To lower your bow's draw weight, loosen the limb bolts on either of your bows limb pockets by turning them counter-clockwise. Always loosen your bow's limb bolts evenly, never turning one bolt more than one full turn at a time.

One full turn out of either limb bolt reduces your bows draw weight by approximately 3 lbs. Never remove more than 3 full turns from your bow's limb bolts. The bow may come apart unexpectedly and cause damage to the bow or injury to yourself or others.

You may wish to reduce your draw weight if you are struggling to pull back your bow. If you are still struggling to pull back your bow even after an adjustment, consult with your local Prime dealer about what draw weight you should be shooting; they may be able to make additional adjustments to your bow or order a lighter set of limbs for your bow.



**WARNING! DO NOT DRAW CORE CAM EQUIPPED BOWS WITHOUT MODULE PROPERLY INSTALLED!**

G5PRIME.COM



# FREE STRINGS FOR LIFE

**PRIME SHIELD WARRANTY**

**GET FREE STRINGS EVERY 2 YEARS  
FOR THE LIFE OF YOUR BOW.**

***PRIME***

34775 Potter St.  
Memphis, MI 48041  
Toll Free 866.456.8836  
Fax 810.392.2181