



# PRIME

## BLACK SERIES

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

Make sure you are familiar with the proper use and operation of a compound archery bow. Thoroughly inspect your bow for any loose or missing components. Check your bow for signs of excessive damage or wear. Do not operate a bow you believe to be unsafe. Ensure that any additional accessories are undamaged and in proper working order. Make sure that your target is clear of foreign objects or debris that may cause damage to your arrows. Make sure that your target is using an appropriate backstop, or that the area behind it is clear and safe.

## WHILE OPERATING YOUR BOW

Be sure that your cams, limbs, and any other moving components are clear of clothing, hands or other foreign objects before releasing your arrow. **NEVER ATTEMPT TO RELEASE THE STRING WITHOUT AN ARROW, OR WITH AN ARROW THAT DOES NOT MEET THE MINIMUM WEIGHT STANDARD FOR YOUR BOW (5 GRAINS PER 1LB OF DRAW WEIGHT).** Always inspect your arrows before you shoot one. Loose arrow nocks and defective arrow shafts can result in catastrophic failure and even injury.

## WHILE STORING YOUR BOW

Do not expose your bow to excessive heat, such as next to a furnace, or in the trunk of your car on a sunny day. Do not leave your bow out in the rain or snow, or in areas of excessive humidity, such as in a damp basement or crawl space. Keep the string and cables away from sharp objects such as knives or broad heads, and also away from sources of open flame. Always perform routine maintenance after storing your bow for excessive periods of time. Never assume that the 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**

# BOW ANATOMY

ROTO CAMS

LIMBS

LIMB POCKETS

STRING SPLITTER

STRING

CABLES

FLEXIS AR CABLE GUARD

RISER

GRIP

STRING STOP

AXLE

CABLE SPLITTER



BLACK SERIES XCV1B

# SETUP

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

- Adjusting draw length and draw weight
- Replacing and/or servicing string and/or cables
- Checking and adjusting cam timing
- Proper arrow selection
- Proper selection and installation of accessories

## SETTING UP YOUR BOW

The following guide is provided to help you familiarize yourself with the initial setup and operation of your Prime bow. It is not intended to be a complete guide.

Always consult your local Prime dealer for additional help in maximizing the performance of your bow.

## SETTING YOUR NOCKING POINT:

The optimal nocking point for Prime bows is approximately 2" above center for any Centergy model bows, and approximately 1/2" above center for older models. Prime recommends using a "D-Loop" style knocking point in conjunction with a mechanical release aid to maximize the performance of your bow. For help with properly installing a D-Loop, consult with your local Prime dealer. Always refer to your manufacturer's instructions regarding the safe operation of your mechanical release aid.

## INSTALLING/ADJUSTING YOUR REST

All Prime bows use the ATA standard 5/16"-24 tapped hole for mounting arrow rests and other accessories.

Mount your rest using the hardware provided by your manufacturer. Always read your manufacturer's instructions regarding the proper installation and operation of your rest. Using the wind-age adjustment on your rest, position your arrow so that the center line of the arrow is approximately 7/8" from the inside of the sight window. Use the vertical adjustment to position the center of the arrow through the center of the rest mounting hole, or approximately .850" from the top of the arrow shelf. Note that not all rests allow for vertical adjustment. Where this is the case, contact your manufacturer for how to make vertical adjustments with your rest.

# ADJUSTING DRAW LENGTH

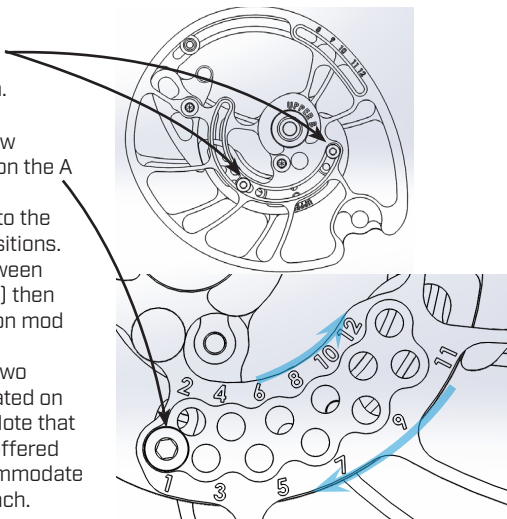
The Prime Black Series features the all new ROTO cam rotating mod system.

**Step 1:** Loosen the two sliding mod screws on the B side of either cam. [1/4 to 1/2 turn]

**Step 2:** Remove the draw position screw located on the A side of both cams.

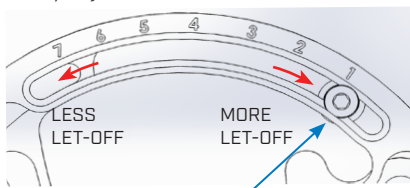
**Step 3:** Slide the mods to the desired draw length positions. [lining up the holes between the mods and the cams] then replace the draw position mod screws.

**Step 4:** Re-tighten the two sliding mod screws located on the B side of the cam. Note that two hole positions are offered for each screw to accommodate clearance for your wrench.

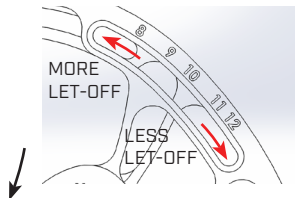


## LET-OFF

The all new Prime Roto Cam System comes with a cable stop that can be easily adjusted to the desired let-off.



Loosen Draw Stop screws located on the A side of either cam. Slide the draw stop and slide the stop into the desired position. Tighten screw and repeat



Positions 8-12 are for draw lengths from 25.5" - 26.5". Be sure both stops hit the cable at the same time.

# SETUP CONT.

## DRAW LENGTH:

The all new ROTO cams are in intervals of 1/2". When adjusting draw lengths use these mod positions to match your draw length.

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

| Mod Position | Black 1, 3, 5 | Black 9 |
|--------------|---------------|---------|
| #1           | 31"           | 33"     |
| #2           | 30.5"         | 32.5"   |
| #3           | 30"           | 32"     |
| #4           | 29.5"         | 31.5"   |
| #5           | 29"           | 31"     |
| #6           | 28.5"         | 30.5"   |
| #7           | 28"           | 30"     |
| #8           | 27.5"         | 29.5"   |
| #9           | 27"           | 29"     |
| #10          | 26.5"         | 28.5"   |
| #11          | 26"           | 28"     |
| #12          | 25.5"         | 27.5"   |

## DRAW WEIGHT:

All PRIME bows have 10 pound draw weight adjustment capability. For instance, if you have a 60 pound bow, that bow is capable of a 50-60 pound adjustment.

 **WARNING!!!! DO NOT DRAW PARALLEL CAM  
EQUIPPED BOWS WITHOUT BOTH DRAW STOPS  
PROPERLY INSTALLED!**



# 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