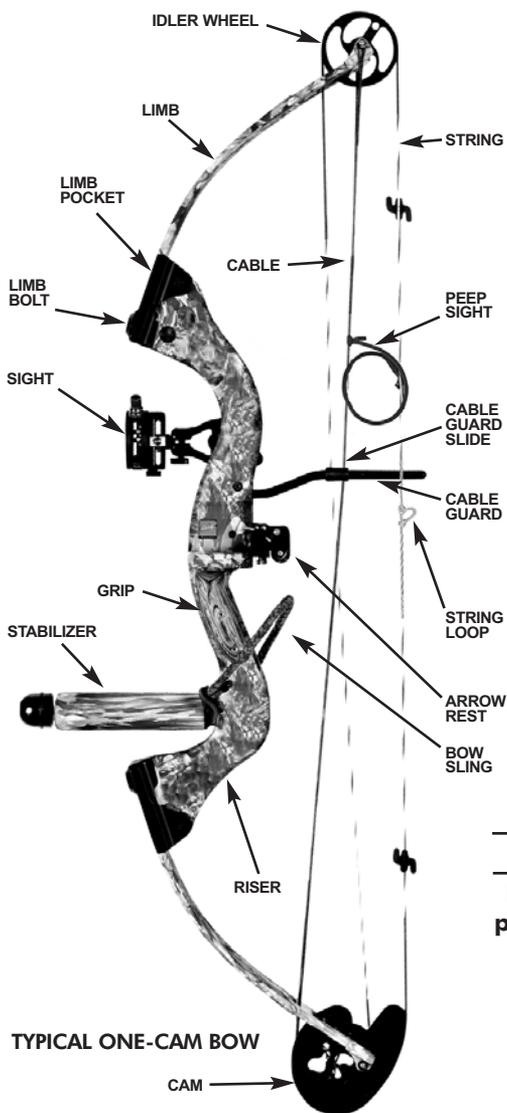




PRECISION SHOOTING EQUIPMENT, INC.

# Compound Bow USER'S GUIDE

## BOW TERMINOLOGY



TYPICAL ONE-CAM BOW

Thank you from the entire PSE family for purchasing a PSE bow. Your PSE bow was manufactured from the finest materials available and handcrafted with pride in the USA. With proper care and use you will enjoy this product for years to come.

We at PSE wish you much success in the archery field you have chosen to pursue. Please read this entire booklet before shooting or adjusting your bow. Remember, most adjustments to a compound bow should be made in a bow press. Whenever shooting a bow, be certain of your target as well as what else lies downrange.

## REGISTRATION

Fill out the reverse side of this page completely, remove it, and mail to:

**PSE Warranty Registration**  
**P.O. Box 5487**  
**Tucson, AZ 85703**

**YOUR LOCAL AUTHORIZED PSE DEALER IS YOUR BEST SOURCE FOR INFORMATION AND ASSISTANCE. VISIT THEM FOR THESE AND OTHER TYPICAL SERVICES:**

1. Adjusting draw length and draw weight
2. Adjusting / changing let-off
3. Replacing / servicing strings and cables
4. All aspects of bow tuning
5. Correct arrow selection
6. Mounting new accessories
7. Adjusting tiller

# **IMPORTANT WARRANTY REGISTRATION**

THIS FORM MUST BE RECEIVED BY PSE WITHIN 30 DAYS OF PURCHASE TO ACTIVATE WARRANTY

SERIAL # OF BOW \_\_\_\_\_

BOW MODEL \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

ADDRESS \_\_\_\_\_ APT \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

COUNTRY \_\_\_\_\_ POSTAL CODE \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

DATE PURCHASED \_\_\_\_ / \_\_\_\_ / \_\_\_\_ PHONE (\_\_\_\_) \_\_\_\_\_

MAIL TO: PSE WARRANTY REGISTRATION  
P. O. BOX 5487  
TUCSON, AZ 85703

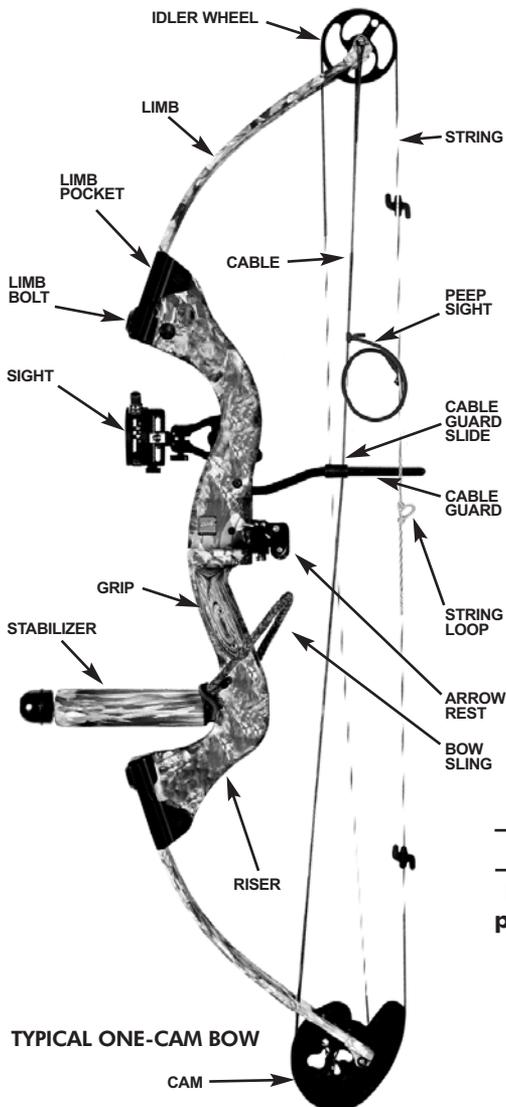




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P.O. Box 5487  
Tucson, AZ 85703

## ***General Operating Instructions***

---

- Always inspect your bow thoroughly before each shooting session to insure that it is in good working order. Check for worn or missing components and have them replaced as required, i.e. bushings, spacers, etc.
- Inspect your arrows to insure that they are straight and that each nock is in good condition. A cracked nock can break when fired from the bow and cause the bow to "dry fire" resulting in possible injury to the archer and damage to the bow.
- When purchasing arrows for your bow, consult the selection chart from the arrow manufacturer and select the correct arrow for your application. Always use an arrow that meets the weight requirement marked on the specification label on the lower limb of your bow. Failure to do so could cause personal injury and damage to your bow.

## ***Bow Maintenance***

---

Your PSE bow will give you many years of service if maintained and cared for properly.

**IMPORTANT:** Before servicing any PSE bow in a bow press, back out each limb bolt 4 complete turns from bottomed position.

- Keep synthetic cables and strings waxed. Apply bow string wax to your synthetic cables and string before each shooting session.
- Strings and cables must be replaced periodically. A worn cable or string can suddenly break causing serious injury to the archer and damage to the bow. It is recommended that the string and cables be replaced at least every 5,000 shots or 12 months.
- Always store your bow in a cool dry place. High temperatures, such as those that can occur in a truck or interior of a vehicle, can cause serious damage to your bow.
- After use in high humidity or damp conditions, wipe metal components of bow with a light oil.

## ***Safety***

---

As with any weapon, safe operation of your PSE bow must always be the highest priority.

**ALWAYS WEAR SAFETY GLASSES WHEN HANDLING A BOW.**

Do not attempt to use your bow without proper instruction. Doing so can result in serious injury.

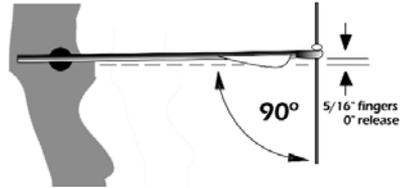
- a. Never "dry-fire" any bow. Dry-fire is to draw and release the bowstring without an arrow on the string. Dry-firing will likely cause damage to the bow and serious injury to the archer.
- b. Always be sure of your intended target as well as what lies behind the target area. An arrow can travel a considerable distance, so it is important to have a safe and sound backstop.
- c. If you draw a bow and need to let it down, do so in a slow and careful manner. Keep your support arm straight and prepare for a rapid and violent let-down. Avoid hitting your hand on protruding accessories such as the cable guard or quiver. Keep your head and face back and out of danger during let-down. Never draw a bow with a peak weight above your comfort level. Always use a bow sling when drawing a bow.
- d. Never modify any part of the bow or its components by drilling extra holes or removing material. This voids the warranty and presents safety problems.

## Setting-Up Your Bow

### NOCKING POINT PLACEMENT:

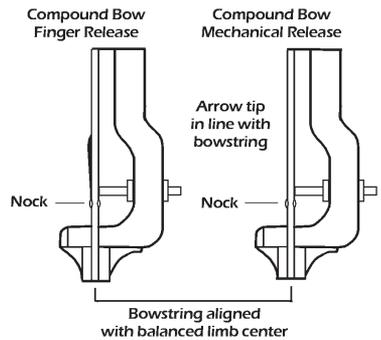
**Finger shooters:** For the initial setting, install the nocking point on the bowstring approximately 5/16" plus the arrow width above a point where a horizontal line from the rest intersects the string.

**Release Aid shooters:** Install the nocking point the width of the arrow above a point where a horizontal line from the rest intersects the string. When the arrow is in position on the rest the arrownock should fit snug against the bottom of the nocking point.



### ARROWREST ADJUSTMENT:

The in/out position of the arrowrest should be adjusted so that the arrow is in alignment with the string when shooting with a release aid. The arrow tip should be ~1/2 shaft diameter left of center on a right-handed bow, (opposite for left-handed) when shooting with fingers.



### SIGHT ADJUSTMENT:

When adjusting the sight pin locations, always remember to "follow the group". That is, if the shot group is to the left of the target, move the sight pins to the left. If the shot group is low, move the sight pins down.



### CABLE GUARD ADJUSTMENT & INSTALLATION:

Install the cable guard as shown in Figure A. Adjust the cable guard so the cables just clear the arrow vanes. On bows using an offset cable guard rod, adjustments must be done with the rod in the up position (approximately 1 o'clock) as shown in Figure B (11 o'clock for left handed bows). Excessive arrow clearance may cause the cable to track incorrectly on the wheels and cause personal injury and/or damage to the bow.

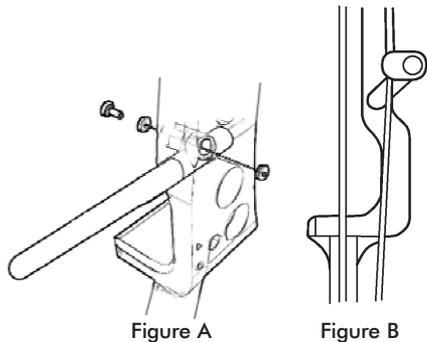


Figure A

Figure B

## ***Installation of Accessories***

**Arrowrest/Overdraw:** The arrowrest or overdraw should be installed according to the instructions received with the product. It is usually mounted to the riser in the threaded hole on the side opposite the shelf (hole "A") using the hardware provided with the arrowrest or overdraw.

**Sight:** The sight should be installed according to the instructions received with the product. It is usually mounted to the riser in the threaded holes (holes "B") on the side opposite the shelf using the hardware provided with the sight. Some bows are equipped with multiple sight mounting holes which allow the sight to be moved up or down.

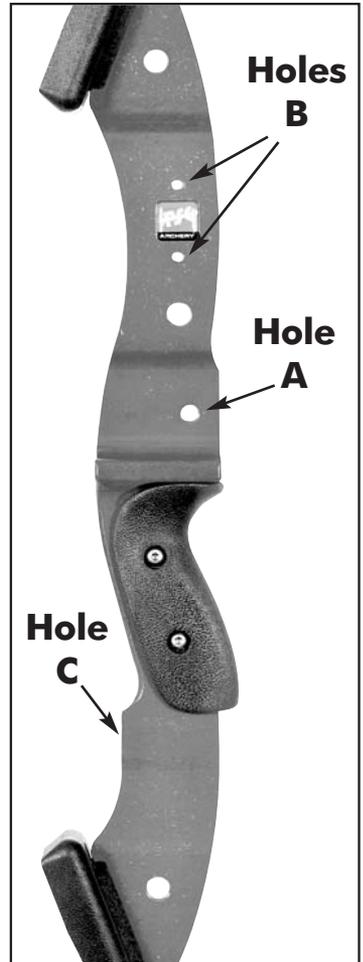
**Stabilizer:** The stabilizer should be mounted according to the manufacturer's recommendation. It is usually mounted in the threaded hole on the front of the riser (hole "C").

**Bow Sling:** The bow sling attaches to the riser of the bow generally with the stabilizer. If a stabilizer is not used, attach the sling to the riser with the correct sized bolt using the hole provided for the stabilizer (hole "C").

## ***Other Adjustments***

**Draw Weight:** Your bow is factory-set to within 2 lbs. of the peak draw weight indicated on the label on the lower limb of the bow. Changes in draw weight can be made by turning the limb bolt in or out. Before making any changes in weight, turn the limb bolt clockwise until it no longer moves. Never use extreme torque when turning the bolt or damage to the limb may occur. The limb bolt then may be turned counterclockwise to obtain the desired weight, **but NEVER more than 4 turns or revolutions.** Adjust each limb exactly the same. **CAUTION:** On some bow models, the limb bolt locking screw **MUST** be loosened **BEFORE** adjusting.

**Wheels/Cams:** Many PSE wheels and cams have adjustable features. Each one comes from the factory set-up and ready to use but there may be occasions where you need to adjust the characteristics of your bow. In some cases you will need a PSE Tune Chart to determine what to adjust, and you may need to see a PSE Dealer for information. If you are not sure of the adjustment you are making, stop and see your PSE Dealer for assistance. In all cases, an appropriate bow press will be needed to make adjustments to cams and wheels. If you do not have an appropriate press, see your PSE Dealer.



***Your Authorized PSE Dealer is supplied with technical information on PSE bows and cams.***

***Please see your Dealer for assistance when making these adjustments.***

## CAM ADJUSTMENTS

### STANDARD ONE CAM

**Draw Length:** To change the draw length in 1" increments, the cam must be changed. See your local PSE dealer for information on how to obtain a replacement cam. For minor changes in draw length, the bow must be placed in a suitable bow press and tension relieved from the string and cable. Moving the string to the post that will shorten the effective length of the string will shorten the draw length by ½". Moving the string to the post that will lengthen the effective length of the string will lengthen the draw length by ½".



Standard One Cam

### NRG PLUS™

**Draw Length:** To change the draw length in 1" increments, the module must be changed. See your local PSE dealer for information on how to obtain a replacement module. For minor changes in draw length, the bow must be placed in a suitable bow press and tension relieved from the string and cable. The string side of the cam has three posts. Moving the string from the post with the dot to the post with the "+" will increase draw by approximately ¼". Moving the string from the post with the dot to the post with the "-" will decrease draw by approximately ¼".



NRG Plus™

**Draw Stop:** The position of the draw stop must match the size of the module. For example, if the cam is equipped with a number 7 module the draw stop must be placed in one of the draw stop holes marked with a "7".

**Let-Off:** Let-off adjustment is part of the draw stop. To adjust from 80% to 65% let-off, remove the draw stop from the 80% hole and reinstall it in the 65% hole of the corresponding the module number. For example, if the cam is equipment with a number 7 module the stop must be reinstalled in the hole marked "7" in the row marked "65%"



NRG™ Hybrid Cam TOP

### NRG™ HYBRID CAM:

**Draw Length:** To change the draw length in 1" increments, the modules must be changed on both the top and bottom cams. See your local PSE dealer for information on how to obtain replacement modules. For minor changes in draw length, the bow must be placed in a suitable bow press and tension relieved from the string and cable. Move the string to the "+" post on the top cam to increase the draw by approximately 3/8" or to the "-" post to decrease the draw by approximately 3/8". The Short Draw cams have the "+" post only. Moving the string to the "+" post will increase draw by approximately 3/8".



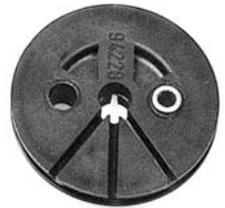
NRG™ Hybrid Cam BOTTOM

**Draw Stop:** The draw stop is located on the bottom cam and is attached with two screws. It must be placed in the position that corresponds with the modules. For example, if the cams are equipped with number 7 modules, the draw stop must be secured firmly with the two mounting screws in the number "7" holes.

**Let-Off:** The let-off adjustment is part of the draw stop. To adjust from the factory setting of 80% to 65%, remove both screws that hold the stop to the cam and flip it over so the cable will contact the side marked "65%" at full draw and reinstall the screws. Note: Changing the let-off from 80% to 65% shortens the draw by approximately 3/8"

### STAGE 3™:

**Draw Length:** The draw length is adjusted by placing the bow in an appropriate bow press and relieving the tension from the string and cables. Move the string to the slot that will shorten the effective length of the string to shorten the draw length by ½" per wheel. Move the string to the slot that will lengthen the effective length of the string to lengthen the draw of the bow by ½" per wheel.



Stage 3™

## Synergy Universal 2-Cam System

The Synergy Universal Cam is the most advanced entry-level two-cam system available. Both draw weight and draw length adjustments are incorporated into the design and can be changed without the use of a bow press.

The system comes with three pairs of modules (8912, 8913 and 8914) that allow 6 different draw length settings and 3 different weight settings. Each system will function on both right-handed and left-handed bows. The illustration below will show a right-handed installation. Left-handed will be mirror image of all diagrams.

Each cam is marked "RHT/LHB" (Right-Hand Top or Left-Hand Bottom) or "RHB/LHT" (Right-Hand Bottom or Left-Hand Top) for easy identification.

1. Selecting the draw length setting: From the charts provided, select the Module size needed for the desired draw length. For example, a 28" Nova uses a #8 module. From the table below, select the module required. For the 28" Nova the 8914 Module is used in the flipped over position. Place module on the cam but do not install the screws at this point.

Module Number	Size (normal)	Size (flipped over)
8912	#11	#6
8913	#10	#7
8914	#9	#8

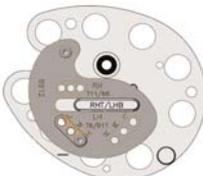


Normal



Flipped over

2. Selecting the draw weight setting: From the charts provided on the next page, select the draw weight desired. For example, a 28" Nova with a 65-pound peak draw weight would use the "M" (Medium) setting. With the module in the proper position on the cam, move the module until the hole marked "M" in the module is aligned with the threaded hole in the cam, as shown below. Secure the module to the cam in two places with the washers and screws provided. Repeat this operation for the cam on the other end of the bow. Weight adjustments can also be made by turning the limb bolts either in or out. NEVER TURN THE LIMB BOLT OUT MORE THAN 4 TURNS FROM THE FULLY BOTTOMED POSITION.



"H" Position  
(Heavy)



"M" Position  
(Medium)



"L" Position  
(Light)

3. NOTES: When changing weight using module adjustments, the following can be expected: from Light "L" to Medium "M", draw length increased by  $\frac{1}{4}$ ". From Medium "M" to Heavy "H", draw length increases  $\frac{1}{4}$ ". Be aware that let-off varies with draw length changes. Some variations in Let-off, length of "valley" and firmness of "wall" may occur when changing module settings.

## ***Nova Synergy Universal***

MODULE NO.	WEIGHT SETTING	APPROX. DRAW LENGTH	Approx Weight 60# PEAK	Range 70# PEAK
11	H	31 ½	50-60	60-70
11	M	31 ¼	45-55	55-65
11	L	31	40-50	50-60
10	H	30 ½	50-60	60-70
10	M	30 ¼	45-55	55-65
10	L	30	40-50	50-60
9	H	29 ½	50-60	60-70
9	M	29 ¼	45-55	55-65
9	L	29	40-50	50-60
8	H	28 ½	50-60	60-70
8	M	28 ¼	45-55	55-65
8	L	28	40-50	50-60
7	H	27 ½	50-60	60-70
7	M	27 ¼	45-55	55-65
7	L	27	40-50	50-60
6	H	26 ½	50-60	60-70
6	M	26 ¼	45-55	55-65
6	L	26	40-50	50-60

## ***Bruin Synergy Universal***

MODULE NO.	WEIGHT SETTING	APPROX. DRAW LENGTH	Approx Weight 60# PEAK	Range 70# PEAK
11	H	30 ½	50-60	60-70
11	M	30 ¼	45-55	55-65
11	L	30	40-50	50-60
10	H	29 ½	50-60	60-70
10	M	29 ¼	45-55	55-65
10	L	29	40-50	50-60
9	H	28 ½	50-60	60-70
9	M	28 ¼	45-55	55-65
9	L	28	40-50	50-60
8	H	27 ½	50-60	60-70
8	M	27 ¼	45-55	55-65
8	L	27	40-50	50-60
7	H	26 ½	50-60	60-70
7	M	26 ¼	45-55	55-65
7	L	26	40-50	50-60
6	H	25 ½	50-60	60-70
6	M	25 ¼	45-55	55-65
6	L	25	40-50	50-60

### HYPERLITE™ POCKET FEATURES

#### HYPERLITE™ UNIBODY POCKET NOTICE

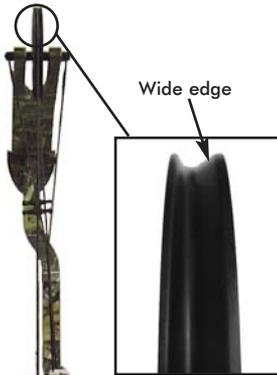
The new Hyperlite™ Pocket System is unlike that on any other bow. Some special considerations must be followed so that the system continues to function properly.

**·IMPORTANT: Do not “bottom” the limbs against the riser on a bow equipped with the HyperLite™ Unibody Pocket System!**

Traditional limb pockets use a “bottomed” position to determine peak weight. This position is where the limb, pocket and riser contact one another simultaneously. Due to the unique design of the HyperLite™ Unibody Pocket System, the “bottomed” limb position is NOT when the limbs contact the riser. The bottomed position for HyperLite™ Unibody pockets is where the bottom surface of the limb is approximately .20” (3/16” or 5 mm) away from the riser. The limb bolt may be adjusted to slightly increase the draw weight, but the gap between the limb and riser must never be less than 0.15” (4 mm).



#### ASYMMETRIC IDLER



Some PSE bows are equipped with a special asymmetric idler wheel, which is assembled on the top limb. It is essential that the idler be oriented properly. The wide edge of the idler always goes to cable guard side of the bow. The illustration shows the proper orientation of the idler for a right-handed bow when viewed while holding the bow (from behind).

#### VIBRACHECK HUSH ACCESSORIES

If your bow is equipped with limb bands, the proper placement of the bands is approximately 1/8” beyond the limb fork for pultruded limbs and between the overlay and the flare on compression molded limbs.

If your bow is equipped with a Cable Guard Damper it should be even with cable slide when the bow is at rest. More than one Cable Guard Damper can be used.



Pultruded Limb



Compression Molded Limb

## MACH X

The X Technology bows come with many unique features that will enhance your archery experience.

### MULTI POSITION SIGHT MOUNTING

The Mach X bow is equipped with a multi-position sight-mounting feature allowing the sight to be mounted to optimize your sight window. Mount the sight in the middle position and sight in the bow. Your pin grouping should be centered on the sight body. If the pins are too high, move the sight to the upper mounting position. If they are too low move the sight to the lower position. Sight in the bow again.



Start with the sight mounted in the middle set of holes

### INDEPENDENTLY ADJUSTABLE PIVOTING POCKET SYSTEM

The X Technology bows are equipped with an innovative limb pocket system.

Do not make any adjustment to this system without referring to the instructions in this manual.

### MAINTENANCE

Your bow is a mechanical device that is subject to wear and therefore must be inspected periodically and given the proper adjustments and service. It is recommended that this service be performed at least once a year by an authorized PSE dealer. All components, including string, cable, axles, e-clips, limbs and riser should be carefully inspected for damage or wear.

### USING A BOW PRESS

Use only a PSE approved bow press to service an X Technology bow. Never allow your bow to be placed in a bow press with conventional rollers. Check our website ([www.pse-archery.com](http://www.pse-archery.com)) for a current list of approved bow presses.

### STRINGS AND CABLES

Apply a light coat of high quality bowstring wax to your string and cable once every two weeks under normal shooting conditions. It is especially important to wax the area of the string that wraps around the idler wheel since this portion of the string is not served. This will help reduce wear on your string and cable. Use a good quality wax from your authorized dealer. Inspect the string and cables regularly and replace them when there is evidence of wear.

### LUBRICATION POINTS

When removing the limbs for service always make sure that the area between the half rounds and the limb pockets are lubricated with medium-weight grease. Also lubricate the surfaces in the pocket areas where the limbs make contact with the riser with the same grease.

### ADJUSTING LIMB BOLTS

Before making any adjustments to the limb bolts, the 4 side locking tab screws and the 4 limb bolt locking screws must be loosened (see Figure 2). Limb bolt adjustments must be made in increments of no more than one-turn each. There should never be a differential of more than 2 turns at any time between limb bolts. After limb bolt adjustments are complete tighten the 4 locking tab screws and the 4 limb bolt locking screws.

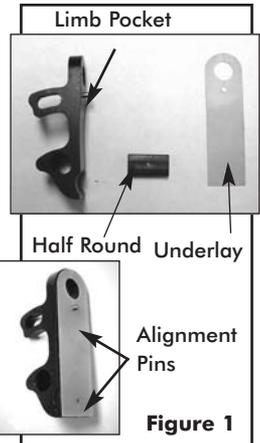
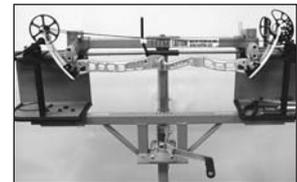
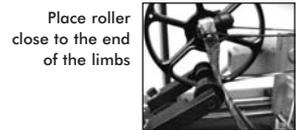
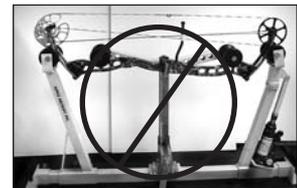


Figure 1



PSE Approved Bow Press



A typical bow press will damage X Technology bows. **DO NOT USE!**

## NO BOW PRESS OPTION

The X Technology bows do not require a bow press to relax the strings for service.

### Relax Strings for Service

1. Loosen and remove the 4 locking tab screws (see Figure 2). Damage may occur to the limbs at the pin holes if the locking tab screws are not removed before fully backing out the limb bolts.
2. Loosen the 4 limb bolt locking screws.
3. Back limb bolts out one turn at a time alternating between all 4 limb bolts. Never have more than 2 turns differential between the limb bolts at any time. Back the limb bolts out until they are flush with the anchor (see Figure 2).

### Tighten Strings after Service

1. Check to make sure the all the half rounds and underlays are installed and properly seated between the limbs. Note: It is important that the underlay is seated properly over the pin on the half round and the pin on the pocket. (see Figure 1).
2. Begin tightening the limb bolts one turn at a time alternating between all 4 limb bolts. Never allow more than two turns differential between limb bolts at any time.
3. Once the limbs have bottomed, the wheel attitude can be adjusted, if needed. (see the Setting Wheel Attitude section for this procedure) and then set the poundage.
4. Reinstall the 4 side locking tab screws and tighten the limb bolt locking screws.

## SETTING WHEEL ATTITUDE

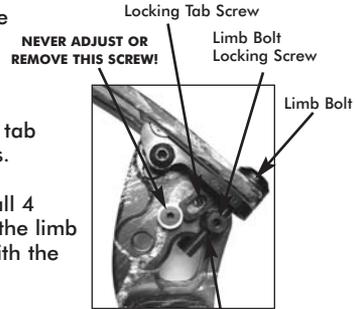
The Mach X bow is equipped with independently adjustable pivoting limb pockets. This allows for the adjustment of wheel attitude. The wheel attitude is pre-set at the factory and will remain true as long as adjustments to the limb bolts are made in the same increment for each limb bolt. For example, if you would like to decrease the draw weight of the bow by 3 to 4 pounds, back each limb bolt out exactly one turn.

### Adjust Wheel Attitude

1. Adjust top wheel by using the split harness. When looking at the bow from the back (as if shooting), the right side of the split harness should have approximately 12 twists more than the left. It is not necessary to use the limb bolts to adjust the attitude of the top wheel.
2. Draw the bow to full draw and observe the cable in the bottom wheel. It should be centered between the two tracks of the wheel (see Figure 3).
3. Let the bow down carefully from full draw. **NOTE: Do not use an arrow!**
4. If the string is not near the center between the two cam tracks at full draw, adjust the limb bolts (with the bow at rest) on the bottom limbs to get the wheel to sit so that the cable is as centered as possible between the two tracks at full draw. See Figure 3 for details. Never have more than two turns differential between the limb bolts.

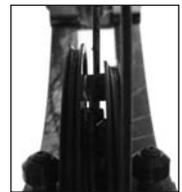
## WHEEL SPACING

Spacing for the top wheel should be one medium spacer on both sides of the wheel. If there is any extra play in the assembly then 1 or 2 thin spacers can be added to the OUTSIDE of the limb inside the E-clip. Spacing for the bottom cam should be one thin spacer on the shelf side of the cam and one thin spacers on the opposite side. If there is any extra play in the assembly add an additional thin spacer to the side opposite the shelf.



Back limbs out until they are flush with the bottom of anchor

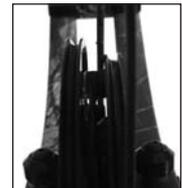
Figure 2



Cable should be centered on cam tracks



If cable is on the left, back out the right or tighten the left limb bolt

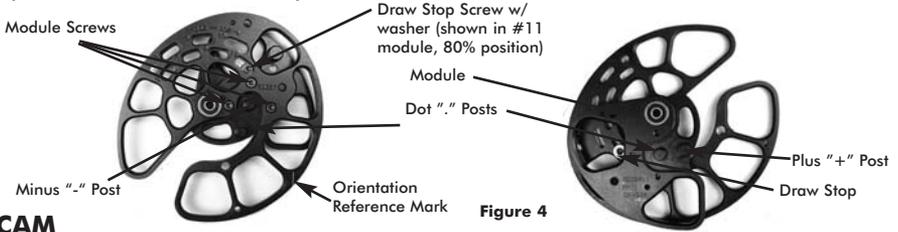


If cable is on the right, back out the left or tighten the right limb bolt

Figure 3

**WARNING: DO NOT SHOOT ABOVE BOW'S LISTED PEAK WEIGHT**

The limbs have been optimized to perform their best at peak weight. Even though your bow may be capable of being adjusted to higher weights, **DO NOT DRAW OR SHOOT** any PSE bow higher than peak weight. Drawing or shooting the bow above peak weight could cause serious injury as well as void the warranty.



**X CAM**

**Adjusting Draw Length in Small Increments**

The X Cam can be adjusted in small increments by changing the string to different post positions. To change post positions the bow must be either placed in an approved bow press or the strings must be relaxed by backing out the limb bolts (see instructions on page 12 of this manual). The string is set on the dot "." post from the factory. If you want to **DECREASE** the draw length by 1/2", move the string to the minus "-" post (see Figure 4). If you want to **INCREASE** the draw by 1/2", move the string to the plus "+" post. If the string is installed on the plus "+" post and the minus "-" post, the draw will be shortened by 1/4" from the factory setting.

**Adjusting Draw Length in 1-inch Increments**

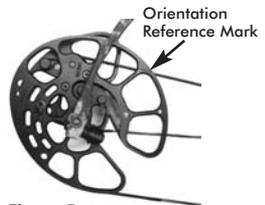
For draw length changes in 1-inch increments the module must be changed. To change the module the bow must be placed in an approved bow press or the strings must be relaxed by following the instructions in this manual. Remove the axle from the limbs and remove the cam. Once the cam is free, remove the 3 socket head cap screws (see Figure 4) that hold the module in place. Remove the draw stop and place in the slot that correlates with the new module size. Put the new module in place aligning the large and small pins and reinstall the 3 screws. Reassemble the bow and tighten the strings according to the directions in this bulletin.

**Let-off Adjustment:**

The X Cam has provisions for infinitely adjusting let-off between 65% and 80% (see figure 4). Set the let-off by loosening the draw stop and sliding it in the slot. The extreme ends of the slot are labeled (see Figure 4). The draw stop must be in the slot corresponding to the module number. The module number is located on the backside of the module. For example if you are using a number 9 module, the draw stop must be in the number 9 slot.

**Cam Orientation:**

A reference mark is found on the cam to indicate an approximate orientation (see Figure 5). This line is for reference only and is meant to give approximate orientation only. The orientation of the cam can be moved slightly by twisting or untwisting the cable or string. Changing post attachments will change the orientation of the cam. If attaching the string to the "+" or the "-" post, the orientation mark will not be aligned with the cable.



**Tuning:**

The X Cam has been rigorously designed to deliver speed and accuracy. Thorough lab testing and field evaluations determined that optimal grouping was achieved with a slightly high paper tear. The nock-travel profile of every X module has been engineered around this specific design criterion. While paper tuning results are not the same for every archer, the paper tear delivering the best accuracy was found to be a slight high tear as shown in Figure 6.



Figure 6

**NOTE: Installed accessories, grip pressure and release style can all cause variations in paper tuning**



## **LIMITED LIFETIME WARRANTY**

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### **ALL PSE MANUFACTURED BOWS / ACCESSORIES / KING PRODUCTS**

Each PSE Bow is backed by a PSE Limited Lifetime Warranty to the original owner for the life of the product. Product will be replaced or repaired to restore it to its original performance. Cables, strings, or wearable items are not covered by this warranty.

Evidence of abuse, mishandling, misuse, or alteration to any PSE product voids any claim to warranty. PSE specifications on strings and harnesses must be adhered to.

PSE cannot be held responsible for injury or product failure resulting from improper use or neglect of maintenance.

All bows must undergo string and cable changes every 5,000 shots or every 12 months to maintain PSE warranty coverage. Total arrow weight must be in accordance with the recommendations made by the Archery Trade Association (ATA) for minimum arrow weight/bow peak weight. Overstressing PSE compound bows by using arrows lighter than ATA recommendation will void warranty and may cause damage to the bow or injury to the shooter.

PSE makes no other claims either expressed or implied. In the interest of product improvement and consumer safety, PSE reserves the right to make changes in product design, color, and specifications without notice.

Removing the data label from the bottom limb of the bow may void the warranty.

## **PATENT INFORMATION**

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One or more of the following patents may apply:

### **MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING PATENTS:**

4,649,889	4,697,350	4,735,667	4,762,112
4,947,823	4,967,721	5,005,554	5,020,507 B1
5,054,462	5,123,396	5,190,022	5,241,945
5,243,958	5,280,779	5,301,651	5,307,787
5,335,644	5,339,790	5,365,650	5,377,658
5,469,834	5,479,712	5,487,373	5,495,843
5,505,185	5,507,270	5,657,739	5,678,529
5,762,060	5,914,775	5,960,778	6,112,732
6,176,231 B1	6,360,735	6,493,951 B1	6,792,930
6,968,837	DES 429,309	RE-36,942	D 528,625
5,782,229			

### **LICENSED UNDER:**

4,519,374	4,976,250	5,141,689	5,368,006
5,392,756	5,501,208	5,505,185	5,809,982



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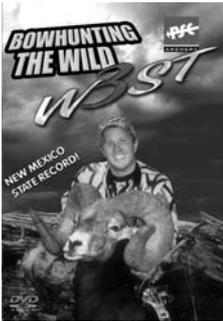
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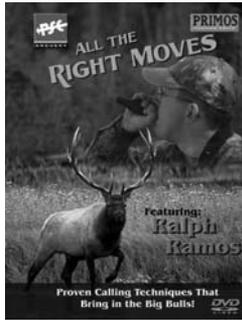


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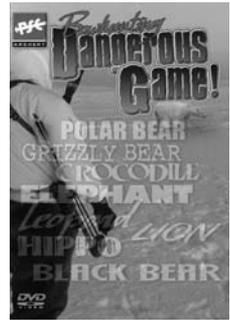
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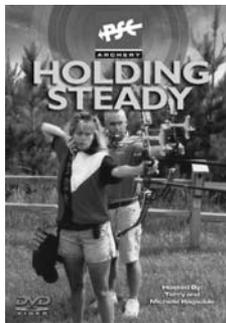
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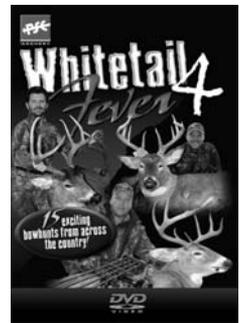
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