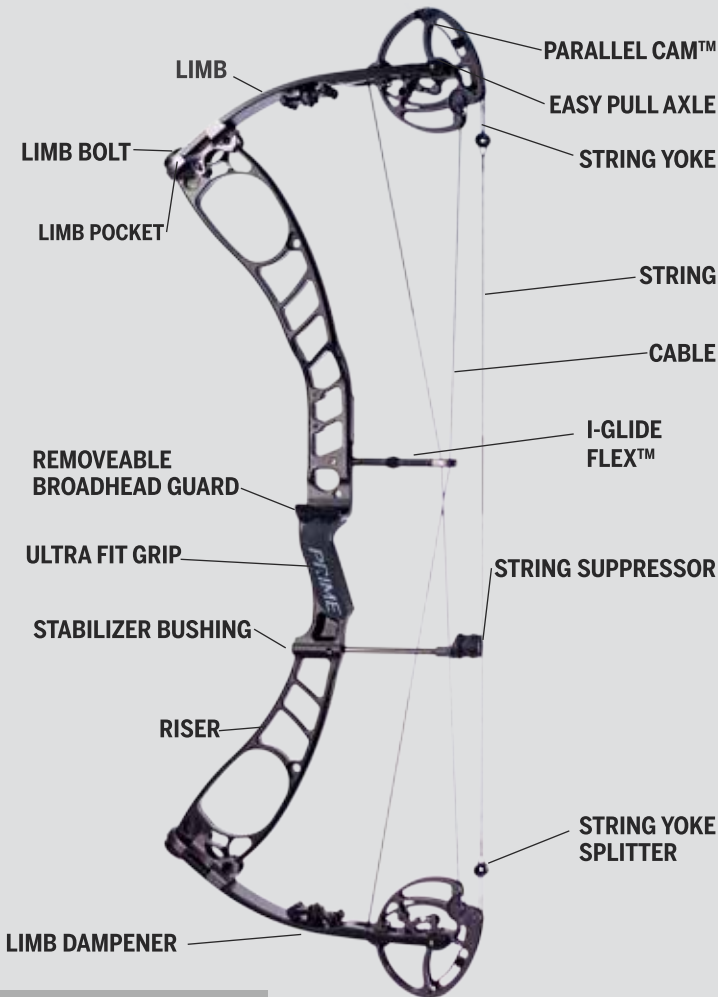




PRIME

2013 OWNERS MANUAL

BOW FEATURES



IMPACT™ SHOWN

CONGRATULATIONS ON YOUR NEW PRIME

G5 Outdoors would like to welcome you as part of the Prime team. Prime bows are engineered, machined, and assembled with the highest quality craftsmanship in the USA. As part of the Prime team, you will experience the most advanced technology and quality in today's archery industry with your new bow purchase. You will experience comfort, forgiveness, and accuracy that is unlike any other bow. Please review the entire manual before operating your new Prime bow. Many adjustments require the use of a bow press so please consult your local Prime dealer on general setup and tuning. Please also reference the Prime Shield Program on the back cover of this manual for full warranty information.



Axle to Axle: 35"	Axle to Axle: 31"	Axle to Axle: 39.25"	Axle to Axle: 34"	Axle to Axle: 30"
Brace Height: 6.25"	Brace Height: 7.25"	Brace Height: 7.5"	Brace Height: 7"	Brace Height: 7"
IBO Speed: 340 FPS	IBO Speed: 330 FPS	IBO Speed: 310 FPS	IBO Speed: 332 FPS	IBO Speed: 332 FPS
Draw Length: 26"-30"	Draw Length: 26"-30"	Draw Length: 27.5"-31.5"	Draw Length: 27"-31"	Draw Length: 26"-30"
String Length: 28.15"	String Length: 24.06"	String Length: 33.08"	String Length: 26.35"	String Length: 22.43"
Cable Length (2x): 41.43"	Cable Length (2x): 37.53"	Cable Length (2x): 45.10"	Cable Length (2x): 38.90"	Cable Length (2x): 35.02"
Yoke Length: 33.79"	Yoke Length: 33.79"	Yoke Length: 30.03"	Yoke Length: 34"	Yoke Length: 34"

PRIME

34775 POTTER ST.
MEMPHIS, MI 48041
TOLL FREE 866.456.8836
FAX 810.392.2181
G5PRIME.COM



SAFETY

NEVER “DRY FIRE” YOUR BOW This means to draw and release the string without an arrow. Firing a bow without an arrow to absorb the energy can cause severe damage to the bow, the shooter, and nearby persons. Let the string down slowly.

CAREFULLY INSPECT YOUR BOW BEFORE EVERY USE

Inspect your bow before every shooting session, inspecting the limbs, strings, cable(s), limb bolts, etc. If you notice any frayed or cut strings or cable(s) and/or cracks or splintering limbs, immediately cease use of the bow and contact your local pro shop.

ALWAYS BE SURE OF YOUR TARGET Make sure there are no persons, buildings, vehicles, or livestock behind your target. Make sure to have proper backstop to properly stop arrows.

ALWAYS INSPECT YOUR ARROW This means to inspect all your arrows, nocks, and fletching for cracks, bends, or anything that will compromise its safety. Use of cracked or damaged arrows will result in personal injury.

KEEP BOW FROM BEING EXPOSED TO EXCESSIVE HEAT

OR DAMPNESS Exposing the bow to excessive heat, such as keeping the bow in a closed vehicle during sunny days, can cause limb/string and cable(s) failure. Never store a wet bow for prolonged periods.

ALWAYS BE SAFE Make sure to know all warnings and abide by them. Never aim or shoot at a person. Never shoot straight up. Wear safety glasses while working on the bow. Be careful handling broadheads or anything sharp around the string and cable(s). Cutting or nicking these can cause serious injury to you and others. Children **MUST** be supervised by a responsible adult.

WARNING!!!!

YOU'RE RESPONSIBLE FOR ARCHERY SAFETY

VISIT YOUR LOCAL PRIME DEALER FOR BOW SETUP WHICH INCLUDES:

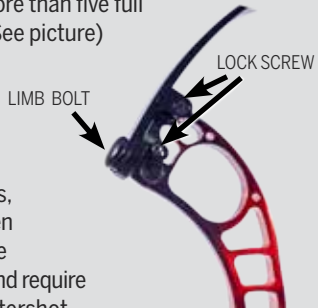
- Adjusting draw length and draw weight
- Replacing and/or servicing string and/or cables
- Checking and adjusting cam timing
- Proper arrow selection
- Proper selection and use of accessories

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 50-60 pound adjustment. To adjust the draw weight loosen the Limb Pocket Lock Screws first, using an Allen wrench. On the Impact, Defy, and One models, the limb pocket screws are located on the same side. Both screws must be loosened before adjusting draw weight. Then, use a 3/16" Allen wrench to adjust the Limb Bolts equally by turning the Limb Bolt counterclockwise to decrease weight and clockwise to increase weight. Each full rotation of the Limb Bolt will alter the draw weight 2-3 pounds. Never back out the Limb Bolt more than five full rotations from maximum draw weight. (See picture)

BROADHEADS:

Most archers discover that they must make slight tuning adjustments when switching from field points to broadheads, both fixed and expandable, and even when using same weights. Broadheads can have different aerodynamics than field points and require slight adjustments in nocking point, centershot, and/or your sight. Always test your broadhead flight before going hunting to make sure of your arrow flight, no matter what kind of broadhead design.



SETUP CONT.

CENTER SHOT:

The starting center shot measurement on any Prime bow is 13/16" away from the bow riser to the center of the arrow. This measurement may vary depending on archer or equipment and may require fine tuning of center shot. For Prime models with the Ultra Fit Grip, there are two white indicating arrows on the back of the grip that can be used for center shot reference. For proper center shot alignment, align the string through the center of both white indicating arrows on the back of grip. Then, align the bow string down the center of the arrow. This measurement may vary depending on archer or equipment and may require fine tuning of center shot.

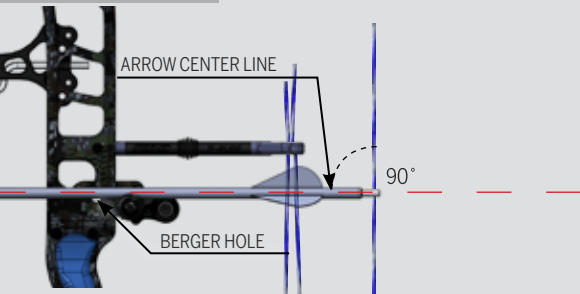


INDICATING
ARROWS

NOCKING POINT:

There are many variables involved in determining where to install your nock point. These include: type of arrow, arrow rest, fingers or release shooting, and your hand placement on the bow. As a general rule of thumb, the nock point will be set perpendicular, or 90° , to your arrow rest. And the arrow center should be even or above the center of the burger hole. (See Fig.1) Again, this is only a starting point; you might need to fine-tune this during your setup.

FIGURE 1



ULTRA FIT GRIP:

The newly designed Ultra Fit Grip gives hunters and shooters maximum comfort and adjustability.

Depending on shooting style or preference, shooters may prefer a wider or thinner grip. If a shooter wishes to have a thinner grip style, the Ultra Fit Grip can be removed by taking out the two small allen head screws on the sides.

DRAW LENGTH:

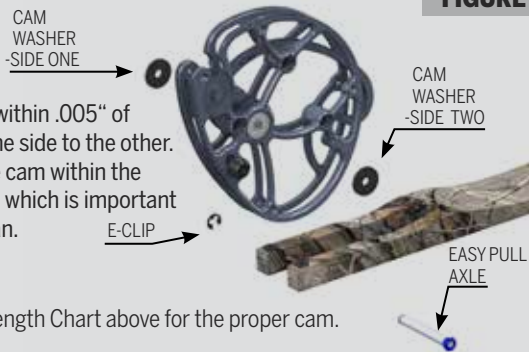
Parallel™ Cams are draw length specific cams in intervals of 1/2". To change out draw lengths, please seek the professional help of an authorized PRIME™ dealer or pro-shop.

Please note: To ensure proper use, make sure cam washers are within .005" of thickness from one side to the other. This will place the cam within the center of the limb which is important to reduce cam lean. (See Fig 2.)

•Note the Draw Length Chart above for the proper cam.

PARALLEL CAM DRAW LENGTHS				
	Centroid (PC)	Shift (PC)	Impact/Defy (PCX)	One (PCT)
#1	31"	30"	30"	31.5"
#2	30.5"	29.5"	29.5"	31"
#3	30"	29"	29"	30.5"
#4	29.5"	28.5"	28.5"	30"
#5	29"	28"	28"	29.5"
#6	28.5"	27.5"	27.5"	29"
#7	28"	27"	27"	28.5"
#8	27.5"	26.5"	26.5"	28"
#9	27"	26"	26"	27.5"

FIGURE 2



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

SETUP CONT.

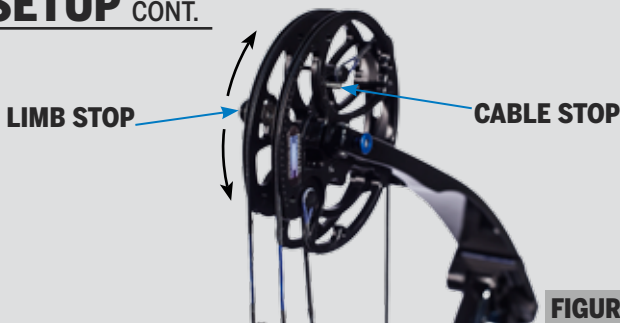


FIGURE 3

PCT CAM LIMB STOP OR CABLE STOP ADJUSTMENT:

The newly designed PCT cam that is featured on “One” was developed to allow for a firm back wall or a softer back wall depending on the archer’s preference. This is accomplished by either shooting off from the limb stops or cable stops. For optimum performance, the PCT cam should be used with only the limb stops or cable stops, not both. If a firm back wall is desired then leave the limb stops in place and remove the cable stops from cam. Once the cable stop is removed then the limb stops can be adjusted to reach your desired let off. If a softer back wall is desired then remove the limb stops. The cable stops are non adjustable creating a fixed let-off of 65%.

LET-OFF:

Draw stops can be adjusted to micro-adjust draw length from each cam’s specified draw length and adjust let off from 80% on down to 65% (PCX cams will max out at 75% let off). Pushing the limb stops inward, will result in decreased let off and shorter draw length, while moving the limb stops outward increases let-off and draw length. To adjust them use a 9/64” allen wrench, loosen 8-32” cap screw one full turn, and then slide both the upper and lower limb stops equal amounts. Finally, retighten the 8-32” cam screws on both limb stops.

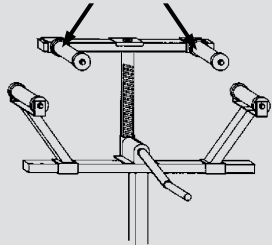
WARNING! DO NOT DRAW PARALLEL CAM EQUIPPED BOWS WITHOUT BOTH DRAW STOPS PROPERLY INSTALLED!!!

BOW PRESS

ALWAYS USE A DOUBLE PULL STYLE PRESS, LIKE IN FIG. 1 AND FIG. 2, WHEN WORKING ON YOUR BOW.

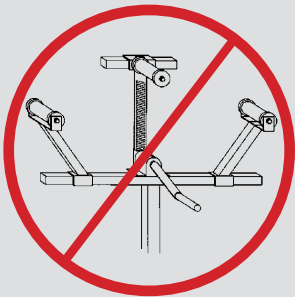


**FIG. 1 PRESSES BOW
IN TWO PLACES**



**FIG. 2 PRESSES BOW
IN TWO PLACES**

**NEVER USE A SINGLE PULL STYLE PRESS, LIKE IN FIG. 3,
WHERE PRESSURE IS PLACED ON THE GRIP ONLY.**



**FIG. 3 PRESSES BOW
IN ONE PLACE**

WARNING! NEVER USE A SINGLE PULL PRESS!

MAINTAINING YOUR BOW

PERIODICALLY CHECK YOUR STRING & CABLES:

Always check your bow for frayed string, yokes and cables. Replace damaged string, yokes and/or cables immediately. Keep your PRIME™ strings waxed and maintained. If you replace the string, yokes, and/or cables make sure to only use PRIME™ replacements and proper lengths for best performance and reliability.

ECCENTRIC BUSHINGS/BEARINGS:

All PRIME™ bows have self lubricating/sealed bearing systems and do not need to be lubricated.

I-GLIDE FLEX™ TECHNOLOGY:

IMPACT™, DEFY™, AND ONE™ are equipped with I-Glide Flex™ cable guard technology that should never wear out with normal use. Periodically check the condition of the cables above and below the I-Glide Flex™ to see if any premature wearing/fraying has occurred. Replace I-Glide Flex™ immediately if damaged.

STRING YOKE SPLITTER:

All PRIME™ bows are equipped with String Yoke Splitters in the bowstring. Make sure these are installed as viewed to the right.

STORAGE:

Do not store your PRIME™ bow in areas that are subject to excessive heat such as the trunk of an automobile, attic or garage. Excessive heat can severely damage the limbs, strings, cables, and other bow parts and is not covered under the manufacturer's warranty. After use in damp or wet environments, dry off the bow completely before storing.



WARNING! DO NOT DRAW/FIRE A PRIME™ BOW WITHOUT SPLITTER PROPERLY INSTALLED!

BOW OWNER'S RECORD

FILL IN THE FOLLOWING PERSONAL BOW RECORD FOR YOUR REFERENCE.

BOW SERIAL NUMBER:

BOW MODEL:

PURCHASED FROM:

PURCHASE DATE:

DRAW LENGTH:

DRAW WEIGHT:

STRING LENGTH:

CABLE(S) LENGTH:

YOKE(S) LENGTH:

IMPORTANT:

SAVE YOUR SALES RECEIPT AND SERIAL NUMBER OF YOUR NEW BOW. THE SALES RECEIPT AND SERIAL NUMBER ARE YOUR PROOF OF DATE OF PURCHASE. THIS PROOF OF DATE OF PURCHASE WILL BE REQUIRED SHOULD YOUR BOW EVER NEED WARRANTY SERVICE.

PLEASE ATTACH YOUR SALES RECEIPT HERE FOR SAFEKEEPING.

NOTES:

PRIME SHIELD PROGRAM



- LIMITED LIFETIME WARRANTY:** Your Prime bow is covered from any manufacturer defects for the life of the bow to the original owner.
- LIFETIME REPLACEMENT OF STRINGS/CABLES:** Prime owners are eligible for a free set of string/cables every two years for the life of the bow. * (Labor not included)
- WARRANTY RUSH SERVICE:** All warranty parts are to be shipped within 48 hours.
- 100 CYCLE ASSURANCE:** Every Prime bow is cycled 100 times.
- SIX MONTH TUNE UP:** Receive a free tune up at your local Prime dealer within the first 6 months of your purchase.*

THIS WARRANTY IS VOID IF:

- The PRIME™ bow is purchased from an unauthorized PRIME™ dealer
- The PRIME™ bow is purchased via the Internet
- There is damage caused by abuse, mishandling, dry-firing, alteration or modification to the original product. All cables, strings, bearings and rubber parts on the PRIME™ bow are not covered under the PRIME™ Shield warranty. This warranty is only valid to the original owner of the bow and is not transferable.

SERVICING YOUR PRIME™ BOW:

If you need repairs or have warranty issues with any PRIME™ bow, we ask you go through an authorized PRIME™ retail dealer. The store's service technician will be able to coordinate any replacement or warranty parts with PRIME™.

Mail both the completed warranty card received at purchase along with a copy of the sales receipt, within 30 days of your purchase. You may also register online.

*Bow must be registered to the original owner to qualify.

PRIME

34775 Potter St. Memphis, Mi 48041

Toll Free 866.456.8836

Fax 810.392.2181

www.G5PRIME.com

