

Maintenance

Never dry fire your bow. Shooting without an arrow on the string can cause damage to your bow, as well as injury, and voids your warranty.

The Zebra Z5 Twist bowstrings should be periodically waxed. Check strings and cables for fraying damage. When changing bowstrings, make sure to use the correct size.

Your Mission bow requires no lubrication. All bushings are self-lubricating or have sealed ball bearings.

Do not alter your bow in any way. Doing so will void the warranty.

Use only a double-pull bow press. Damage caused by a single-pull press will not be covered under warranty.

Store your bow away from heat. Extreme heat may cause damage to strings, limbs and other parts and you will void your warranty.

Repairs and shipment

Please visit your MISSION retailer for all service and repair needs. All warranty returns will require a Return Authorization (RA) number which your retailers can obtain. This RA number must be clearly printed on the outside of the box. A package without an RA number will be refused delivery.

Warranty registration

To validate the limited lifetime warranty on your bow, it must be registered with MISSION upon purchase from your authorized MISSION retailer. If it is not registered through your retailer, you can register it online at www.missionarchery.com.

Warranty

Limitation of Liability: MISSION ARCHERY SHALL NOT BE LIABLE FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES THAT RESULT FROM THE PERFORMANCE AND USE OF THE PRODUCTS, EVEN IF MISSION ARCHERY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. APPLICABLE LAW MAY NOT ALLOW THE LIMITATIONS OF EXCLUSION OF LIABILITY OR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSION MAY NOT APPLY TO YOU.

Limited Lifetime Warranty: THIS MISSION BOW IS WARRANTED AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP TO THE ORIGINAL OWNER, WHEN PURCHASED AT AN AUTHORIZED MISSION RETAILER, FOR THE LIFE OF THE ORIGINAL OWNER. THIS WARRANTY INCLUDES ALL BOW PARTS, EXCEPT THE STRING, BUSS CABLE, CABLE SLIDE, RUBBER STRING SUPPRESSORS, STRING GRUB, AND COSMETIC APPEARANCE (CHIPS, DINGS, SCRATCHES) CAUSED BY NORMAL USE AND WEAR. BOWS SENT BACK TO MATHEWS WITHOUT A PRE-ISSUED RETURN AUTHORIZATION NUMBER WILL BE REFUSED. ANY AND ALL WARRANTIES, WRITTEN OR IMPLIED, ARE VOID IF THERE ARE ANY ALTERATIONS TO THE BOW OR IF THE BOW WAS PURCHASED ON THE INTERNET.

NOTE: Mission reserves the right to make substitutions on warranty coverage for any reason, including but not limited to availability of parts and/or camo pattern.

-MISSION-
BY MATHEWS®

WWW.MISSIONARCHERY.COM

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Congratulations on your new Mission.

When it comes to quality, durability and service, no other bow in its class out performs Mission bows.

Bow set-up

Draw Weight: Your MISSION bow has an adjustable draw weight down 10lbs from its peak. Draw weight adjustments can be made by turning the limb bolt counter-clockwise using a 7/32" Allen wrench. It is important to adjust both limb bolts in equal amounts. Do not exceed five full turns out from the maximum draw weight.

NOTE: The Eliminator and Voyager has a maximum of four full turns. 70 lb. limbs = 70-50lbs. (5 lbs. per turn), 60lb. limbs = 60-42lbs. (4.5 lbs. per turn), 50lb. limbs = 50-35lbs. (3.75 lbs. per turn).

Nock point installation: We recommend that you start by affixing a nockpoint 1/16" above a line perpendicular to your arrow rest and fine-tune from there.

Bow tuning

Tiller: Starting with both limbs fully tightened, simply back off an equal number of turns.

Center Shot: Position your arrow on the bowstring at the nockpoint. Visually align the bowstring with the center of the grip. The string should run true down the center of the arrow shaft. This is a good reference point to begin paper tuning. Note: A good starting point is 13/16" over from the riser to the center of the arrow shaft

Paper Tuning: A properly tuned bow will assure accurate arrow flight, especially when using broadheads. We recommend that you visit your retailer to "paper tune" your bow. Realize that perfect "bullet holes" require not only a tuned bow, but also perfect form.

Adjusting cams

Maniac:

The MANIAC features the all new VL2 (Variable Length) dual cam system. The VL2 cam system offers exceptional performance and adjustability. The Maniac's draw length can be easily adjusted from 22 to 30 inches without the need of a bow press. You can safely adjust the bow to meet your needs.

To adjust draw length, simply remove the 1/8" allen screw from the module and rotate the draw module so the desired draw length hole aligns with the set screw hole. Reinsert mod set screw and snug the self locking screw into position by a quarter turn (DO NOT OVER TIGHTEN). Repeat this process on the second cam making sure the both modules are set in the same draw length position. The Maniac is available in 3 different peak draw weights, 70#, 60#, and 50# peak weights. To see the draw weight to draw length comparison please reference the following chart.



MANIAC DRAW LENGTH & WEIGHT
w/ 70# Limbs w/ 60# Limbs w/ 50# Limbs

Draw Length	Peak Weight	Min Weight	Peak Weight	Min Weight	Peak Weight	Min Weight
30"	74	50	64	42	54	35
29"	72	48	62	40	52	35
28"	72	47	62	39	52	32
27"	71	45	61	37	51	30
26"	70	44	60	36	50	29
25"	68	42	58	34	48	27
24"	66	40	56	32	46	25
23"	63	38	53	30	43	23

Menace:

The MENACE features the all new 2CPW (two cam perimeter weighted) cam system. This system offers exceptional performance and adjustability. The Menace's draw length can be easily adjusted from 17 to 30 inches without the need of a bow press. You can safely adjust the bow to meet your needs.



Menace 2CPW Cam

Draw Length	Peak Weight	Min Weight
30"	52	38
29"	51	35
28"	50	34
27"	49	33
26"	48	32
25"	47	31
24"	46	30
23"	45	29
22"	43	27
21"	40	25
20"	37	22
19"	33	20
18"	29	18
17"	24	16

To adjust draw length, simply remove the 1/8" allen screw from the module and rotate the draw module so the desired draw length hole aligns with the set screw hole. Reinsert mod set screw and snug the self locking screw into position by a quarter turn (DO NOT OVER TIGHTEN). Repeat this process on the second cam making sure the both modules are set in the same draw length position. The MENACE peak bow weights are 24# - 52# depending on your draw length. To see the draw weight to draw length comparison please reference the following chart.

UX2:

The UX2 also features the all new 2CPW (two cam perimeter weighted) cam system. The UX2's draw length can be easily adjusted from 22 to 30 inches without the need of a bow press. You can safely adjust the bow to meet your needs.

To adjust draw length, simply remove the 1/8" allen screw from the module and rotate the draw module so the desired draw length hole aligns with the set screw hole. Reinsert mod set screw and snug the self locking screw into position by a quarter turn (DO NOT OVER TIGHTEN). Repeat this process on the second cam making sure the both modules are set in the same draw length position. The UX-2 is available in 3 different Peak draw weights, 70#, 60#, and 50# peak weights. To see the draw weight to draw length comparison please reference the following chart.



	UX2 w/ 70# Limbs		UX2 w/ 60# Limbs		UX2 w/ 50# Limbs		UX2 w/ 40# Limbs	
Draw Length	Peak Weight	Min Weight	Peak Weight	Min Weight	Peak Weight	Min Weight	Peak Weight	Min Weight
30"	70	60	60	50	50	40	40	30
29"	70	60	60	50	50	40	40	30
28"	70	60	60	50	50	40	40	30
27"	70	60	60	50	50	40	40	30
26"	69	59	59	48	49	39	39	30
25"	68	58	58	48	48	38	38	28
24"	66	56	56	46	46	36	36	28
23"	63	53	53	43	43	33	33	27
22"	60	50	50	40	40	30	30	27

Cams on the following models are unique to the individual bows and are not interchangeable between models. You will have to change the entire cam to change the draw length. Please visit your local Mission archery retailer for more information. All strings and cables will remain the same on these models if you are changing cams.

Model	Cam	Let off Approximate
BX1	X-cam	75%
Eliminator	Eliminator cam	80%
Voyager	Voyager cam	80%