



QUEST
LIVE YOURS

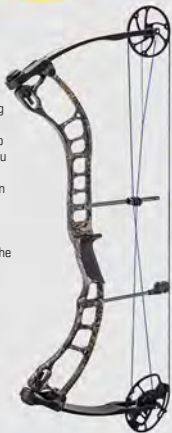
2015 PRODUCT
MANUAL

AMP



When you hear your favorite song on the radio, you want to crank up the volume. Likewise, when you shoot your bow, you want to crank up the speed. The Quest Amp is long on performance with speed to match. With its all new Stabilite riser, the Quest Amp is completely inclusive and has the greatest draw weight range available without any loss in efficiency. Add the Rotation Adjusting Drawlength (RAD) cams, a system that can fine tune your draw length without a bow press, and you have a fast bow with plenty of control.

FORGE



"Old Reliable" is a name you give to the truck that keeps running long after its day; to the friend who has had your back since grade school, and to that hunting spot where you've always had success. Add the Quest Forge to that list. Built with the quality you need to withstand the elements, the Quest Forge is a bow you can rely on when you need it the most. The all new Stabilite riser gives the Quest Forge strength while the draw weight range of the limbs guarantees a comfortable draw cycle. Additionally, the Fluid cam ensures that the bow fits perfectly.

RADICAL



Kids grow up fast—too fast for hardworking parents who see their kids outgrow bow packages before they're prepared to buy new ones. The Quest Radical ends that frustration and bridges the gap between child and a full-grown archer. The Quest Radical is an all-inclusive bow that adjusts down to the draw length and weight of a young archer, and then adjusts up to the size of an adult who can adjust it without the need of a bow press.

STORM



No two archers are the same; which is why one bow doesn't fit all. The Quest Storm is designed for archers who demand a bow that is not made for the masses. The Quest Storm features a new Stabilite riser with a slimmer grip for better control, a Fluid SD cam with a smaller fit for better performance, and a lower draw weight range for a more comfortable hold. The Quest Storm is made for those who demand more in a bow without having more of a bow.

QUEST

LIVE YOURS

Congratulations on your purchase of a Quest Bow!

At Quest Bowhunting, we are committed to building the finest bows utilizing the highest quality standards and leading technology at prices the average bowhunter can afford. With some basic maintenance this new bow can provide many years of dependable service.



QUEST BOWHUNTING

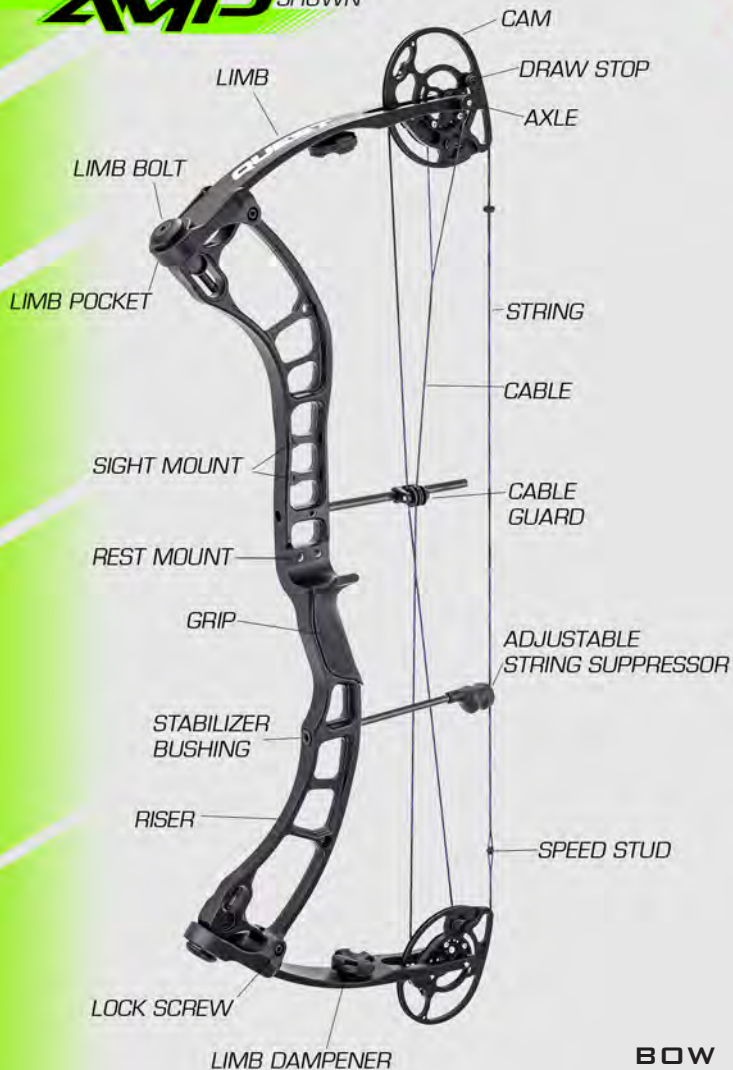
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AMP SHOWN



**BOW
FEATURES**



WARNING!!

YOU'RE RESPONSIBLE FOR ARCHERY 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 a 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) as cutting or nicking these can cause serious injury to you and others. Children **MUST** be supervised by a responsible adult.

SAFETY

YOUR LOCAL PRO SHOP IS THE BEST SOURCE FOR:

- Adjusting draw length, draw weight
- Replacing and/or servicing string and/or cables
- All aspects of bow tuning
- Proper arrow selection
- Proper selection and use of accessories

DRAW WEIGHT:

The factory set of limbs covers all draw weights on your new Quest bow. For example, to adjust between draw weights of 40-70lbs you do not need to replace the limbs. To adjust the draw weight, loosen the limb pocket lock screws first, using a 5/32" Allen wrench. 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 3-4 pounds. Never back out the limb bolt more than four full rotations from maximum draw weight.

TILLER:

Setting the tiller is easily done by tightening the limb bolts completely and then backing them off an equal number of turns.

CENTERSHOT:

Using the correct arrow size, we recommend starting with 13/16" from the riser to the center of the arrow shaft. You might need to fine-tune this during tuning.

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 your arrow flies, no matter what kind of broadhead design or style.

FLUID cams are rotating mod-based cams that only require one module and can be adjusted without a bow press. FLUID SD cams are rotating mod-based cams that require two modules (A and B) for all draw lengths. To achieve optimum draw length and let-off, the module position and draw stop position must correspond to the Fluid or Fluid SD chart (see below). Loosen the two 8/32" button head screws until module can move freely for adjustment. Align the indicator mark on the cam (picture below) to the desired mod position then re-tighten mod screws. Adjust draw stop to the required position based on the Fluid or Fluid SD chart (see below).

WARNING!!!



DO NOT DRAW BOWS WITHOUT DRAW STOP INSTALLED!

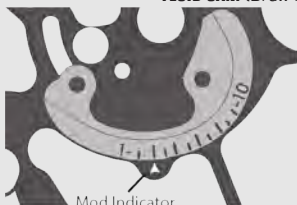
FLUID CAM (FORGE)

Mod Position	Draw Stop Position	Draw Length
#1	2.50	30
#2	3.00	29.5
#3	4.00	29
#4	5.00	28.5
#5	5.50	28
#6	6.50	27.5
#7	7.00	27
#8	8.00	26.5
#9	9.00	26
#10	9.50	25.5

FLUID SD CAM (STORM)

Mod Position	Draw Stop Position	Draw Length
#10	7.75	23
#9	6.50	23.5
#8	6.00	24
#7	5.25	24.5
#6	4.50	25
#5	4.00	25.5
#4	3.25	26
#3	2.75	26.5
#2	2.00	27
#1	1.25	27.5

FLUID CAM (Draw lengths are minus nothing, plus 1/4")



Mod Indicator



Draw Stop in position 2.5.



Mod Indicator ("A" mod shown)



Draw Stop in position 2.5.

RAD CAM-AMP ONLY (Draw lengths are minus nothing, plus 1/4")

Mod Position	Draw Stop Position	Draw Length	ATA Rating
#1	#1	31	up to 344
#2	#2	30.5	up to 342
#3	#3	30	up to 340
#4	#4	29.5	up to 335
#5	#5	29	up to 330
#6	#6	28.5	up to 325
#7	#7	28	up to 320
#8	#8	27.5	up to 315
#9	#9	27	up to 310
#10	#10	26.5	up to 305

Axle to Axle: 32 1/4" (+/- 1/8")
Limb Deflection: #77
Brace Height: 7"
Let-off: 75% per setting above

Timing Adjustment

Make sure both limb stops are in the same position. If both limb stops do not hit at the same time, you must shorten the cable of the cam that hits first by twisting the cable.

Cable Guard Rod Length: 7.75"
Top Idler Spacers: .175" - cable side/ .140" - string side
Bottom Cam Spacers: .050" on cable side/ .030" on string side
String Stop Assembly: W-000508
Limb Rocker: R-000027(blue)

Serving Locations

String	15 1/8"	26 5/16"	29 13/16"	33 9/16"	35 5/16"	42 15/16"
Power Cable	2"	7"	8"	27 1/4"		
Control Cable	2"	27 1/4"				

Overall Length

58 1/16"
34 1/8"
35 15/16"



Draw Stop Position

Draw Stop



Mod Position

Presses bow in two places



FIG. 1

Presses bow in two places

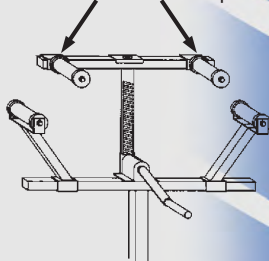
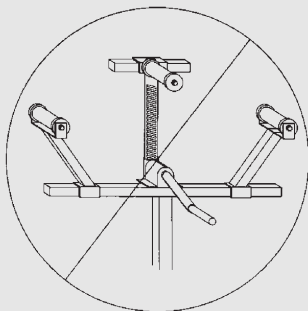


FIG. 2

Always use a double pull style press, like in figures 1 and 2, when working on your bow.



Never use a single pull style press, like shown above, where pressure is placed on the grip only!



WARNING!!

NEVER USE A SINGLE PULL PRESS!

**BOW
PRESS**

PERIODICALLY CHECK YOUR STRING & CABLES:

Always check your bow for frayed strings and cables. Replace damaged strings and/or cables immediately. Keep your Metrao strings waxed and maintained. If you replace the string and/or cables make sure to use the correct lengths and make sure to securely tie in the SPEED STUDS.

ECCENTRIC BUSHINGS/BEARINGS:

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

ROLLER SLIDE:

All Quest bows are equipped with ROLLER SLIDE technology to utilize a state of the art technical composite material that will never wear out with normal use. Make sure to periodically check for cracks or chips in the composite that could cause premature string/cable wear. Replace ROLLER SLIDE immediately if damaged.

SPEED STUD:

All Quest bows equipped with SPEED STUDS in the bowstring must be placed between the colored bow string strands and properly tied before shooting as shown below. **DO NOT FIRE A BOW WITHOUT THESE TIED SECURELY.**

STORAGE:

Do not store your Quest bow in areas that are subject to excessive heat such as a 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.

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 LENGTH:** _____

IMPORTANT:

Save your sales receipt and serial number of your new bow. The sales receipt and serial number is 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 safe keeping

Register your bow online at:

WWW.QUESTBOWHUNTING.COM

**BOW
OWNER'S RECORD**

LIMITED LIFETIME WARRANTY

PROTECTIONS IN THE QUEST BOWHUNTING WARRANTY:

The Quest Bowhunting Warranty protects the original owner against defects in the materials and workmanship if purchased from an authorized Quest Bowhunting retail location. Components of the bow included in the warranty:

- *Limbs
- *Riser
- *Eccentrics

EXCLUSIONS IN THE QUEST BOWHUNTING WARRANTY:

This warranty is void if:

- *The Quest bow is purchased from an unauthorized Quest dealer
- *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 Quest bow are not covered under the Quest Bowhunting Warranty.
- *This warranty is only valid to the original owner of the bow and is not transferable.

ACTIVATING YOUR QUEST BOWHUNTING WARRANTY:

Please mail both the completed warranty card received at purchase along with a copy of the sales receipt, within 30 days of your purchase. Alternatively, you can register your bow online at www.QuestBowhunting.com

SERVICING YOUR QUEST BOW:

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

QUEST™

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