



Lifetime Warranty

This AXCEL Sight is guaranteed to the original owner with a valid sales receipt against defects in materials and workmanship not caused by normal wear for the lifetime of the product. T.R.U., Inc., the manufacturer of AXCEL Sights, reserves the right to repair or replace defective parts at its earliest convenience if the sight has been used according to the enclosed instructions. T.R.U., Inc. alone will judge whether a defect has been caused by normal wear and which parts will be repaired or replaced. Defects caused by normal wear may be repaired for an additional charge.

LIMITATIONS TO GUARANTEE

Parts that are modified, abused, or not used according to the instructions are not covered by this guarantee. T.R.U., Inc. shall not be liable for injuries or property damage of any kind. This guarantee is only valid to the original owner and is void if the original owner does not have the sales receipt. IT IS CRITICAL THAT YOU KEEP YOUR SALES RECEIPT IN A SAFE PLACE, AS REPAIRS WILL NOT BE PERFORMED WITHOUT THE ORIGINAL SALES RECEIPT! All packages sent to T.R.U., Inc. must have a return authorization (RA) number.

If you believe that a return to our factory is needed, call 434-929-2800 for a return authorization (RA) number, then UPS ship INSURED to T.R.U., Inc., 131 Crennel Drive, Madison Heights, VA 24572. T.R.U., Inc. is not liable for products that are lost in shipping, so it is very important to INSURE all shipments and make sure that your package has a tracking number. All returns must have a return authorization number, a short explanation of the problem, and be accompanied by a copy of the original sales receipt. The RA# must be written on the outside of the package or the package will not be accepted.

ITEMS IN THIS MANUAL MAY BE PATENT PENDING OR COVERED BY US PATENTS & REGISTERED TRADEMARKS. VISIT

WWW.AXCELSIGHTS.COM/LEGAL.HTML
FOR A FULL LIST OF PATENTS & TRADEMARKS.

Tomorrow's Resources Unlimited, Inc.

AXCEL SIGHTS
131 Crennel Dr., PO Box 1180
Madison Heights, VA 24572

434-929-2800

WWW.AXCELSIGHTS.COM - INFO@AXCELSIGHTS.COM

ACHIEVE

XP

BY  **AXCEL**
SIGHTS AND SCOPES

INCLUDES:

**COMPOUND
AND
RECURVE**

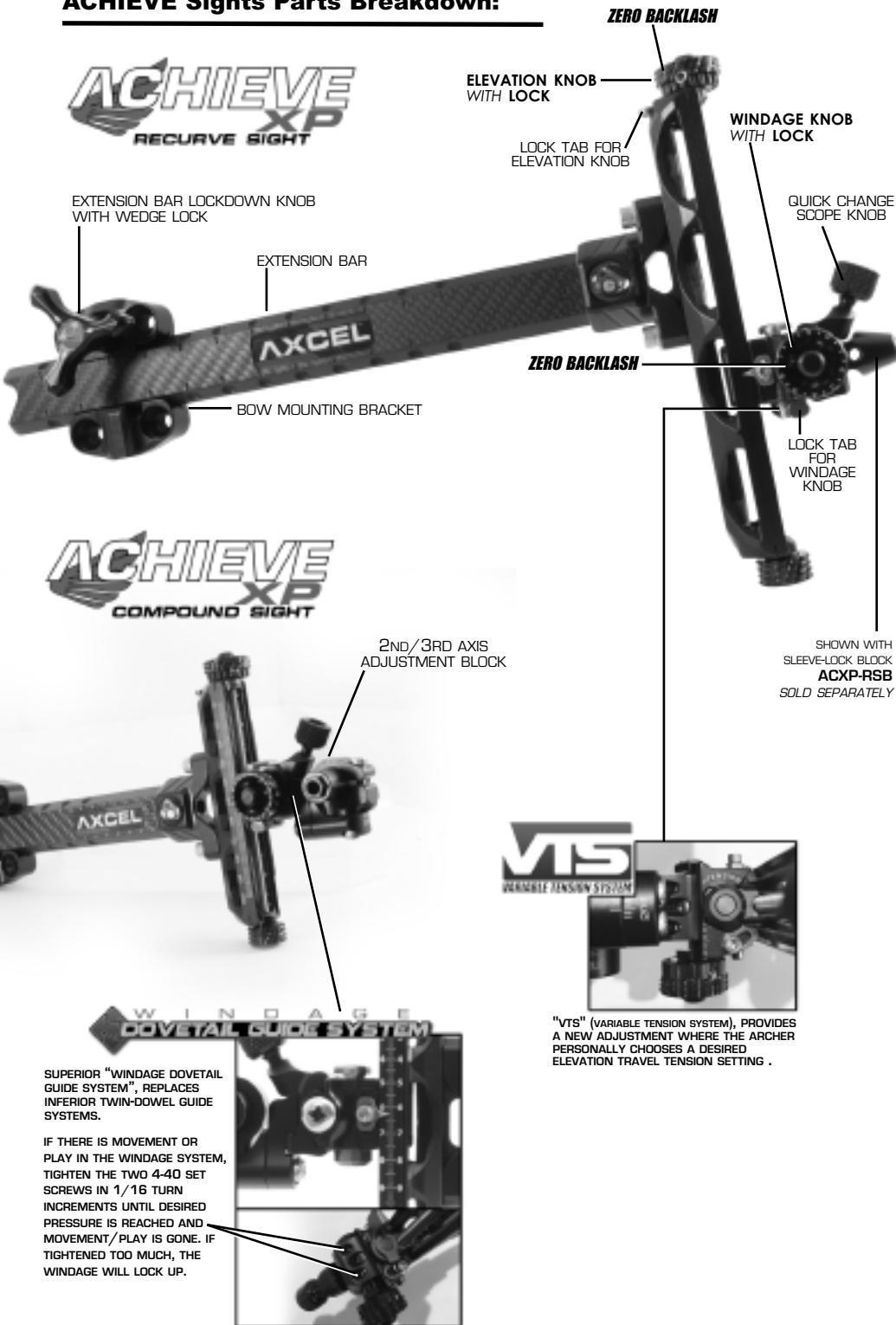


TECHNICAL MANUAL



WARNING: This product can expose you to chemicals including Nickel Acetate, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

ACHIEVE Sights Parts Breakdown:



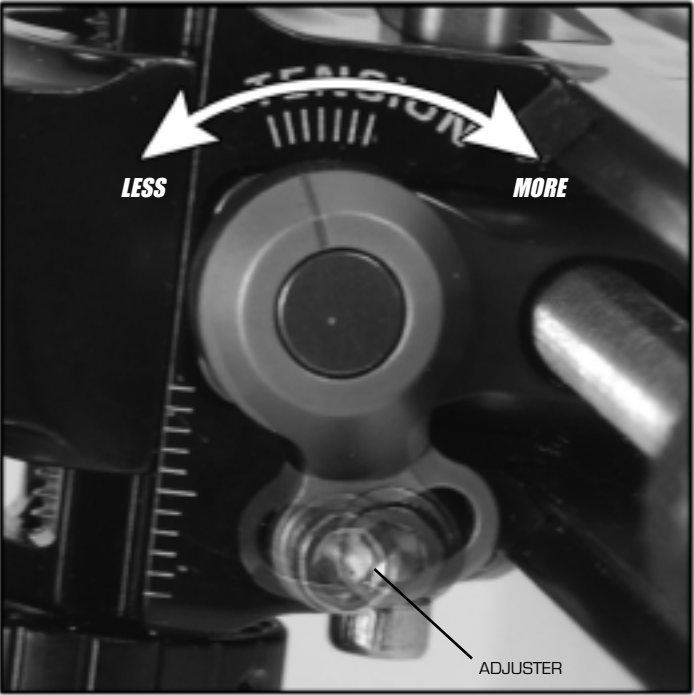
TOURNAMENT SCOPES		CHOOSE SCOPE STYLE	
ACCU-VIEW AV-41 41MM 1-3/4" DIAMETER APERTURE FITS 44.5 MM LENS AV41 / DOC'S CHOICE LENS COMBO KITS AV41-T SPECIFY POWER 2X, 4X, 6X, or 8X W/ DOC'S CHOICE 1-3/4" DIA LENS COMBO - "T" CONNECTOR AV41-S SPECIFY POWER 2X, 4X, 6X, or 8X W/ DOC'S CHOICE 1-3/4" DIA LENS COMBO - SST #10-32 KIT	AV-41 PLUS AV41-TSCPLUS AV-41 STANDARD AV41-TSCP AV-41 STANDARD AV41-SSCP	ACCU-VIEW AV-31 31MM 1-3/8" DIAMETER APERTURE FITS 34.5 MM LENS AV31 / DOC'S CHOICE LENS COMBO KITS AV31-T SPECIFY POWER 2X, 4X, 6X, or 8X W/ DOC'S CHOICE 1-3/8" DIA LENS COMBO - "T" CONNECTOR AV31-S SPECIFY POWER 2X, 4X, 6X, or 8X W/ DOC'S CHOICE 1-3/8" DIA LENS COMBO - SST #10-32 KIT	AV-31 PLUS AV31-TSCPLUS AV-31 STANDARD AV31-TSCP AV-31 STANDARD AV31-SSCP
ACCU-VIEW AV-25 25MM 1-1/8" DIAMETER APERTURE FITS 29 MM LENS AV25 / DOC'S CHOICE LENS COMBO KITS AV25-T SPECIFY POWER 2X, 4X, 6X, or 8X W/ DOC'S CHOICE 29MM DIA LENS COMBO - "T" CONNECTOR AV25-S SPECIFY POWER 2X, 4X, 6X, or 8X W/ DOC'S CHOICE 29MM DIA LENS COMBO - SST #10-32 KIT	AV-25 PLUS AV25-TSCPLUS AV-25 STANDARD AV25-TSCP AV-25 STANDARD AV25-SSCP	CURVE RX RECURVE SCOPE AC14-RX SCOPE ONLY W/ #8-32 ROD (NO FIBERS OR LENS) AC14-RX19 W/ CT X-ZONE .019" DRILLED OX LENS AC14-RX29 W/ CT X-ZONE .029" DRILLED OX LENS AC14-RXP10 W/ .010" RING PIN - RHEOSTAT CT X-ZONE .010" DRILLED OX LENS AC14-RXP19 W/ .019" RING PIN - RHEOSTAT CT X-ZONE .019" DRILLED OX LENS AC14-RXP29 W/ .029" RING PIN - RHEOSTAT CT X-ZONE .029" DRILLED OX LENS SPECIFY FIBER COLOR GREEN - GR OR RED - RD	
CURVE CX COMPOUND SCOPE AC14-CX SCOPE ONLY NO RING PIN, RHEOSTAT COVER OR LENS AC14-CXP10 W/ .010" FIRE RING PIN & RHEOSTAT COVER AC14-CXP19 W/ .019" FIRE RING PIN & RHEOSTAT COVER AC14-CXP29 W/ .029" FIRE RING PIN & RHEOSTAT COVER SPECIFY FIBER COLOR GREEN - GR OR RED - RD	CURVE CX PLUS MODEL AC14-CXP19-GRBK CURVE CX STANDARD AV14-CX	CURVE RXF RECURVE SCOPE AC14-RXF19-RH-GRBK AC14-RXF19-LH-B .019" FIBER SIZE - RIGHT HAND AC14-RXF29-RH-B .029" FIBER SIZE - RIGHT HAND AC14-RXF29-LH-B .029" FIBER SIZE - LEFT HAND SPECIFY FIBER COLOR GREEN - G OR RED - R	

CHOOSE COLOR	CHOOSE AIMING POINT	CHOOSE LENS AND RETICLES	OPTIONAL EXTRA ACCESSORIES	
			SHOOTER SIDE	TARGET SIDE
BLACK [BK] RED [RD] BLUE [BL] GREEN [GR] PURPLE [PR] ORANGE [OR]	RING PIN 3/32" DIA. 1/4" L AX41-RP_____ FIBER SIZE - FIBER COLOR  FIBER SIZE: 3/32" OR 5/16" FIBER COLOR: YELLOW, GREEN, RED, BLUE	DOCE CHOICE CLEAR LENSES AX41-CTDC_X SMALL DOT - ORANGE AXPR-LNRT-GY SMALL DOT - BLACK AXPR-SMDT-BK LARGE DOT - BLACK AXPR-RDCL-BK SMALL DOT - BLACK AXPR-RDCS-BK	FORWARD RING AV41-TQIN-BK DOCE CHOICE CLEAR LENSES AVPR-SR41_____ GB - GREEN BI - PINK OB - ORANGE YL - YELLOW WH - WHITE 	DOCE CHOICE CLEAR LENSES AX41-CROS-BK AX41-RS 
BLACK [BK] RED [RD] BLUE [BL] GREEN [GR] PURPLE [PR] ORANGE [OR]	RING PIN 3/32" DIA. 1/4" L AX31-RP_____ FIBER SIZE - FIBER COLOR  FIBER SIZE: 3/32" OR 5/16" FIBER COLOR: YELLOW, GREEN, RED, BLUE	DOCE CHOICE CLEAR LENSES AX31-CTDC_X SMALL DOT - ORANGE AXPR-LNRT-GY SMALL DOT - BLACK AXPR-SMDT-BK LARGE DOT - BLACK AXPR-RDCL-BK SMALL DOT - BLACK AXPR-RDCS-BK	FORWARD RING AV31-TQIN-BK DOCE CHOICE CLEAR LENSES AVPR-SR31_____ GB - GREEN BI - PINK OB - ORANGE YL - YELLOW WH - WHITE 	DOCE CHOICE CLEAR LENSES AX31-CROS-BK AX31-RS 
BLACK [BK] RED [RD] BLUE [BL] GREEN [GR] PURPLE [PR] ORANGE [OR]	3/32" DIA. 1/4" L AV25-FP10_____ AV25-FP19_____ FIBER SIZE - FIBER COLOR  FIBER SIZE: 3/32" OR 5/16" FIBER COLOR: YELLOW, GREEN, RED, BLUE	DOCE CHOICE CLEAR LENSES AX25-CTDC_X SMALL DOT - ORANGE AXPR-LNRT-GY SMALL DOT - BLACK AXPR-SMDT-BK	FORWARD RING AV25-TQIN-BK DOCE CHOICE CLEAR LENSES AVPR-SR25_____ GB - GREEN BI - PINK OB - ORANGE YL - YELLOW WH - WHITE 	DOCE CHOICE CLEAR LENSES AX25-CROS-BK AX25-CRNG_BK 
BLACK [BK] RED [RD] BLUE [BL] GREEN [GR] PURPLE [PR] ORANGE [OR]	FIRE RING PIN AC14-FRP_____ FIBER SIZE - FIBER COLOR  FIBER SIZE: 3/32", 5/16" OR 3/8" FIBER COLOR: YELLOW, GREEN, RED, BLUE	X-ZONE AC14-CTXZ19-OXF0 3/16" DRILLED LENS AC14-CTXZ19-OX 3/16" DRILLED LENS AC14-CTXZ29-OXF0 3/16" DRILLED LENS AC14-CTXZ29-OX WARNING: DO NOT USE A LENS WITH MAGNIFICATION IN A RECURVE SCOPE!	REPLACEMENT APERTURE DISC SET (ALSO SOLD INDIVIDUALLY) INCLUDES: A. CURVE RX O-RING - AX14-RXORING B. APERTURE DISC #1 ROUND (1/2") - AX14-RXAD1 C. APERTURE DISC #2 ROUND (7/16") - AX14-RXAD2 D. APERTURE DISC #3 ROUND (3/8") - AX14-RXAD3 E. APERTURE DISC #4 SQUARE - AX14-RXAD4 DOCE CHOICE CLEAR LENSES AX14-LR AX14-RXRHEO 	DOCE CHOICE CLEAR LENSES AX14-SPCR-BK AX14-RPR-WH  WARNING: FIRE RING PIN MAY NOT BE USED AT THE SAME TIME AS A DRILLED LENS OR DOT DECAL LENS. THIS WILL RESULT IN A VIOLATION OF FITA RULE 11.5.1 BY PROVIDING TWO AIMING POINTS
BLACK [BK] RED [RD] BLUE [BL] GREEN [GR] PURPLE [PR] ORANGE [OR]	FIRE RING PIN AC14-FRP_____ FIBER SIZE - FIBER COLOR  FIBER SIZE: 3/32", 5/16" OR 3/8" FIBER COLOR: YELLOW, GREEN, RED, BLUE	DOCE CHOICE CLEAR LENSES AC14-CTDC_X SMALL DOT - ORANGE AXPR-SMDT-BK SMALL DOT - BLACK AXPR-SMDT-OR	DOCE CHOICE CLEAR LENSES AX14-LR AX14-RXRHEO 	DOCE CHOICE CLEAR LENSES AX14-SPCR-BK AX14-RPR-WH 
BLACK ONLY	SCORE PIN  FIBER SIZE: 3/32" OR 5/16" FIBER COLOR: GREEN OR RED	SIEF VAN DEN BERG SIGNATURE SCOPE 		

VTS Adjustment Instructions



TO ADJUST TENSION: USE 5/64" ALLEN WRENCH TO TURN SCREW COUNTER-CLOCKWISE, THEN ROTATE ADJUSTER TO DESIRED TENSION. TIGHTEN SCREW CLOCKWISE. **DO NOT OVERTIGHTEN!**



TENSION RANGE ADJUSTMENT:
FOR ARCHERS WHO DESIRE SIGNIFICANTLY MORE OR LESS TENSION: USE 5/64" ALLEN WRENCH TO REMOVE SCREW . LIFT OFF ADJUSTER, THEN REPOSITION ON GEAR TEETH TO A NEW POSITION. REINSTALL SCREW (TIGHTEN CLOCKWISE) **DO NOT OVERTIGHTEN!**



GEAR TEETH ON UNDERSIDE OF ADJUSTER SHOWN FOR REFERENCE.

ACHIEVE XP Accessories:

RECURVE ACCESSORIES

RECURVE SLEEVE-LOCK BLOCK ACXP-RSB INCLUDED



RECURVE ALIGNMENT BLOCK ACXP-RAB

NEW FOR RECURVE SIGHTS!
ALIGN SCOPE TO YOUR EYE
(NO SHIMS NEEDED BETWEEN BOW AND SIGHT)
SOLD SEPARATELY



METAL SIGHT TAPES

INCLUDED WITH SIGHT:

SIGHT TAPE #	
5-6	21-22
9-10	25-26
13-14	29-30
17-18	33-34

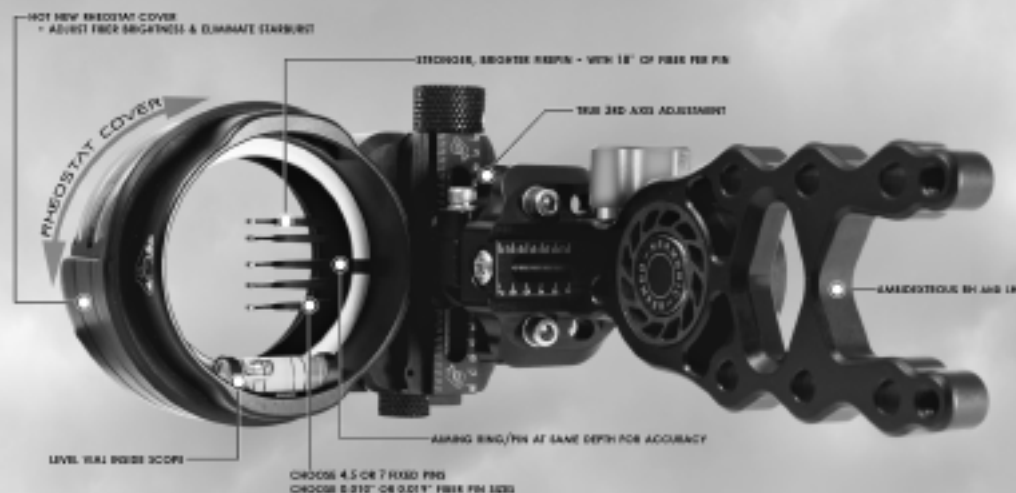
AVAILABLE SEPARATELY:

SIGHT TAPE #	
1-2	23-24
3-4	27-28
7-8	31-31
11-12	35-36
15-16	37-38
19-20	39-40



ROCK SOLID DEPENDABILITY

THE ALL NEW RHEOTECH FIXED PIN SIGHT FROM AXCEL



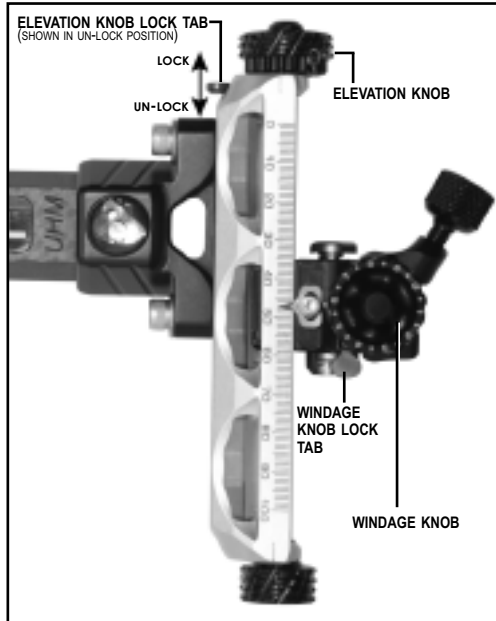
RHEOTECH

AXCEL
 SIGHTS AND SCOPES
 FROM THE MAKERS OF
T.R.U. BALL
 THE REAL #1
 ANYONE CAN CLAIM IT. WE PROVE IT!
 We Make Archery Better!
 www.axcelsights.com
 434-929-2800
 MADE IN THE U.S.A.

Installation & Adjustment Instructions

ELEVATION KNOB

Elevation knob is engraved with 20 divisions numbering 1-10 with dot indicators between numbers. There are 20 clicks on the elevation knob for one full revolution or turn on a 32 pitch lead screw. There are engraved yardage marks on the side of the elevation bar (frame). One engraved mark equals 1 turn (or 20 clicks from "0" to "0"). When turning the elevation knob one full turn, the sight will move in elevation the distance of one engraved yardage mark. This allows for the finest movement per click (.00156) in the tournament sight market place. To lock, lift Elevation Knob Lock Tab. Push down to unlock.



Note: When using software to make your own sight tape, always use (32 pitch x 20 clicks)

WINDAGE KNOB

Windage knob is engraved with 20 divisions numbering 1-10 with dot indicators between numbers. There are 20 clicks on the elevation knob for one full revolution or turn on a 32 pitch lead screw. There are engraved marks on the side of the windage block. One engraved mark equals 1 turn (20 clicks from "0" to "0"). When turning the windage knob one full turn, the sight will move in windage the distance of one engraved mark. This allows for the finest movement per click

(.00156) in the tournament sight market place. To lock, lift Windage Knob Lock Tab. Push down to unlock.

Note: One click of windage adjustment equals approximately 1/32 inch of target point of impact at 20 yards. 8-clicks of windage adjustment will change the point of impact approximately 1/4 inch at 20 yards.

Maintenance

Your AXCEL Sight has been designed to operate in any weather condition. All parts are aluminum or stainless steel and are free from rust. Simply blow away debris to keep sight clean. Threads and way gibs should be kept clean of debris. Do not lube sight threads or ways as this will attract dirt and debris. Lube only the underside (click-side) of the elevation and windage knobs as needed. Use only a synthetic, non-water soluble grease such as SuperLube®.

Installation & Adjustment Instructions

ALIGNING SCOPE TO EYE

Align the scope square with your eye to ensure scope lens clarity.



NON-THREADED BARREL

Always insure square or hex alignment aids on end of barrel mate with scope to eliminate scope rotation, when securing scope to barrel. Rotate your scope by spinning barrel in c-clamp to align scope to be square with your eye and tighten c-clamp securely. To make minute rotation adjustments, loosen the C-Clamp locking screw and rotate the barrel using alignment marks for visual movement. When your scope is square with your eye, tighten the C-Clamp Lockscrew securely. Always ensure that the C-Clamp Lockscrew and the scope rod and nut are securely tightened.

THREADED BARREL

Always insure square or hex alignment aids on end of barrel mate with scope to eliminate scope rotation. Tighten scope to barrel and ensure that it is tightened securely. Align scope to eye by rotating the scope barrel in the C-Clamp. For fine rotation adjustments, use alignment marks. After you are sure that the scope is aligned with your eye, tighten the C-Clamp Lockscrew securely. Always ensure that the C-Clamp Lockscrew and the scope attachment bolt are securely tightened.

(STANDARD)

● **Non-Threaded Barrel-** Hex/Square end fits Classic, Extreme, Sure-Loc, Bullseye, Specialty, Viper, Beiter, CR Apex, G&B Specialties, True-Spot, Cartel and Impact Scopes

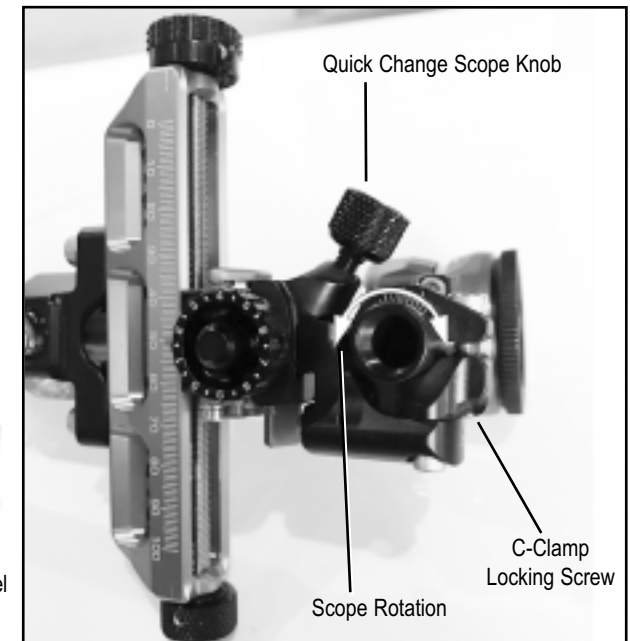
(OPTIONAL)

● **Threaded Barrel-** Hex/Square end fits many scopes

The above Scope Brands may be covered by Trademarks & are the property of their respective owners.

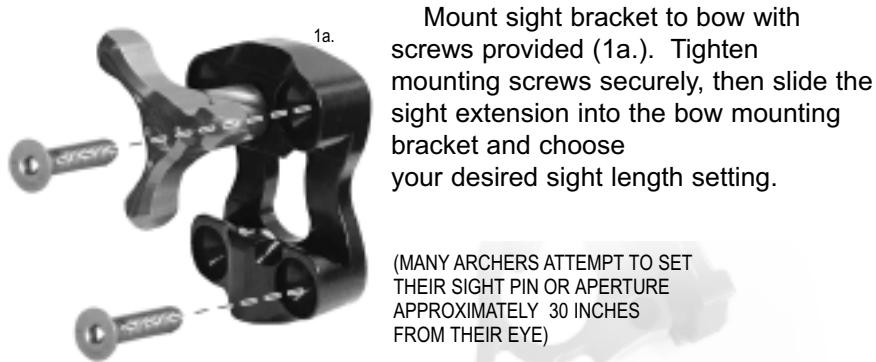


Rotate Scope by spinning barrel in c-clamp to align scope square to your eye.



Installation & Adjustment Instructions

MOUNTING SIGHT



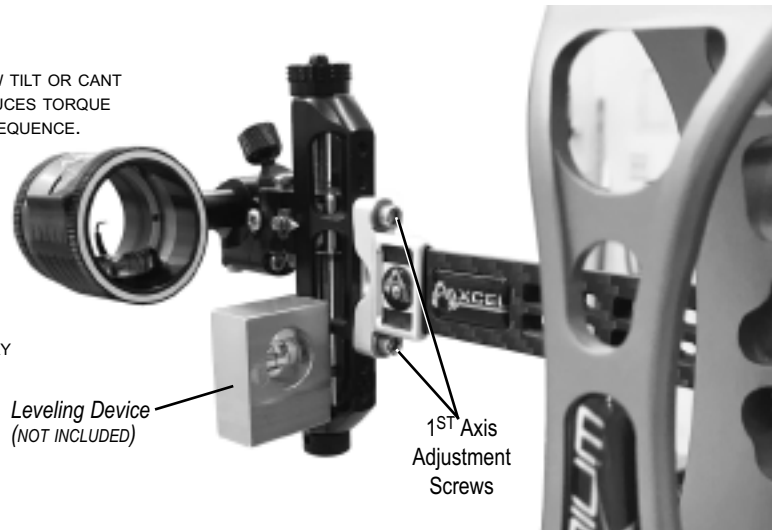
NOTE THE LOCATION OF THIS SETTING SO THAT YOU CAN REMOVE THE SIGHT AND RE-ATTACH IT TO THE SAME SETTING EVERY TIME THAT YOU SHOOT FOR REPEATABLE ACCURACY.

SETTING 1ST AXIS

Level the elevation bar (frame) with bow string (or) level at full draw with natural bow tilt or cant based on the archer's preference.

NOTE: ARCHER'S NORMAL BOW TILT OR CANT MAY BE PREFERABLE AS IT REDUCES TORQUE THROUGHOUT THE BOW SHOT SEQUENCE.

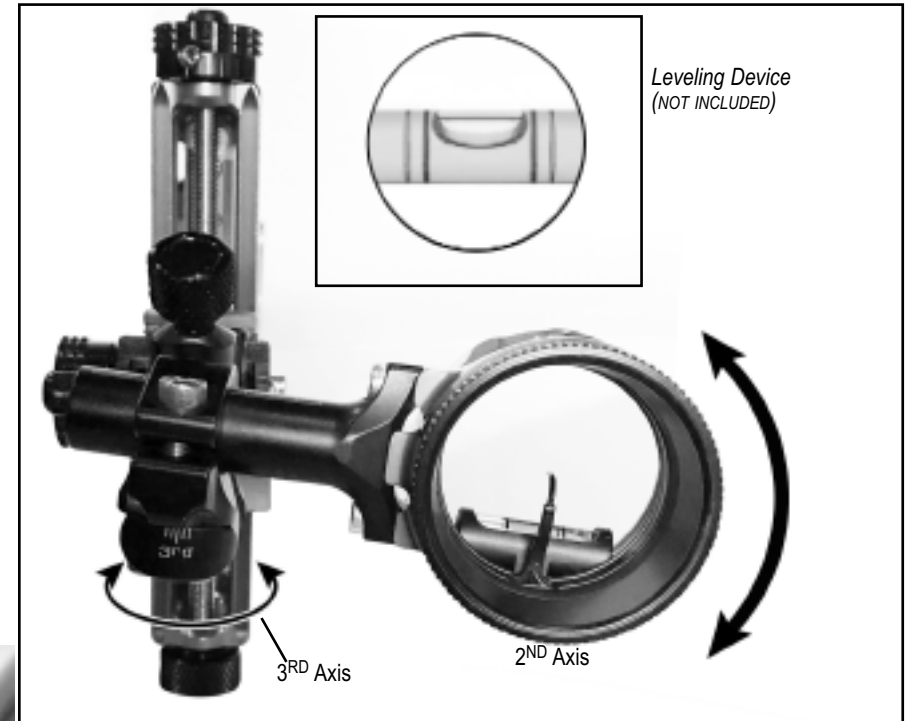
NOTE: NEVER DRY FIRE YOUR BOW AS IT MAY RESULT IN INJURY



Installation & Adjustment Instructions

SETTING THE 2ND AXIS

Make 2nd Axis adjustments by attaching a level device to the side of the elevation bar (frame) and adjusting the 2nd Axis to bring the scope level. Make sure that both the leveling device and the scope level are level at the same time. Insure that the 2nd Axis screw is securely tightened.



SETTING THE 3RD AXIS

With level device still attached to the side of the elevation bar (frame), bring bow to full draw and point your bow down at a 45 degree angle. Adjust the 3rd Axis to insure that the scope level and elevation bar (frame) level are level at the same time.

Insure that the 3rd Axis screw is securely tightened.

(NOTE: NEVER DRY-FIRE BOW AS INJURY MAY RESULT.)