RISER PRODUCT MANUAL

V.01 / From MAR. 2026

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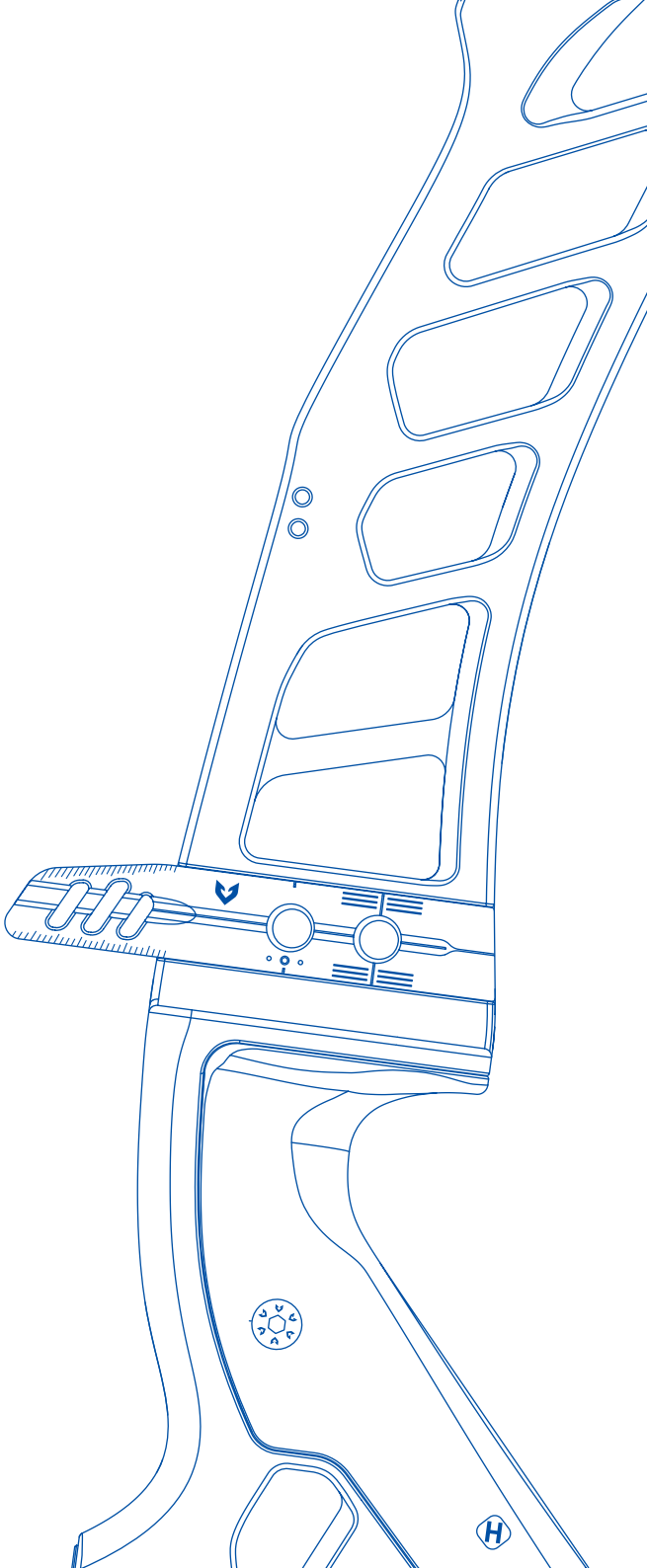


1. SAFETY PRECAUTIONS

This product is archery equipment which requires proper use and regular inspection. Failure to follow the specified safety instructions may result in equipment damage or injury to the user and/or third parties.

This product is designed for users with basic knowledge and experience in archery.

1.1 Pre-Use Inspection

- Before use, carefully inspect the Riser for any cracks, deformation, or foreign substances.
- Ensure that all components and accessories are securely installed.
- If any abnormalities are found, discontinue use immediately.

1.2 Use of Recommended Components

- The Riser must be used only with ILF limbs, strings, and accessories that comply with the specified standards.
- The use of non-recommended components or unauthorized modifications may cause equipment damage and lead to accidents.

1.3 Excessive Load and Impact

- Do not apply excessive torque, twisting, or impact to the riser.
- After any drop or collision, a re-inspection is required even if no visible damage is observed.

1.4 Prohibition of Dry Firing

- Never dry fire the bow without an arrow when the limbs and string are installed.
- Dry firing may cause critical damage to the riser, limbs, and other attached accessories.

  * Dry Fire : Releasing the string without an arrow.

1.5 Professional Inspection Recommended

- After extended use, or if any abnormal performance is detected, have the equipment inspected by the authorized dealer or a qualified coach.
- Unauthorized disassembly, structural modification, or non-official repairs may degrade product performance and will void the warranty.

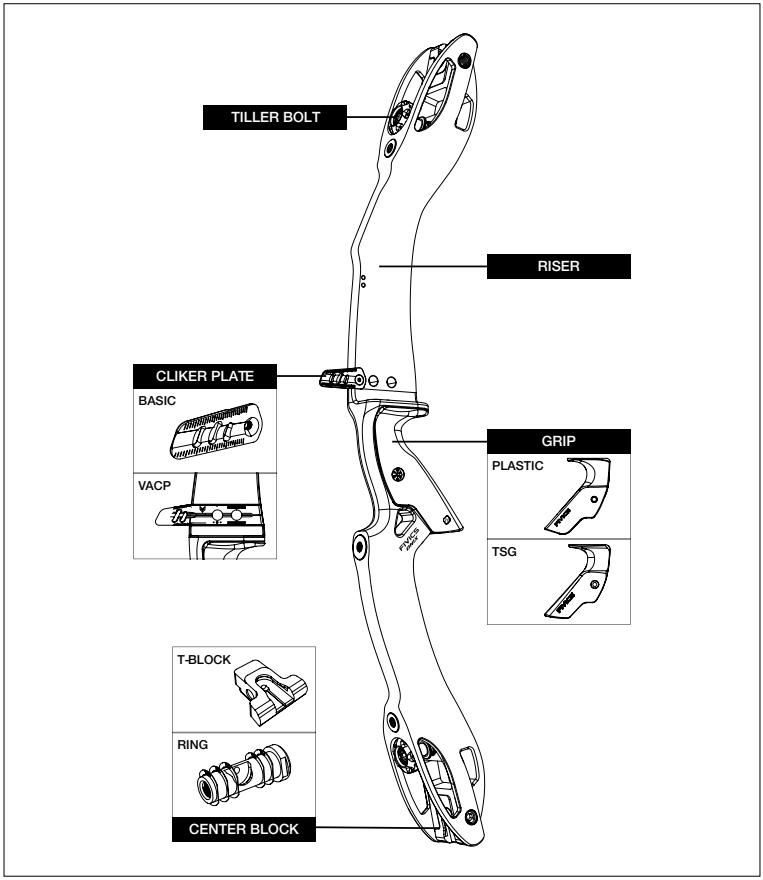
  * To ensure optimal performance and durability, the product must be used in full compliance with these safety instructions.

2. RISER

2.1 Basic Riser Nomenclature

- Indication of the basic names of each riser component
- Introduction of the clicker plate in two types (Standard / VACP)

Specification of screw thread standards



2.2 Purpose and Function

- Maintains accurate alignment of the limbs and string to provide a stable shooting environment
- Structurally distributes impact and vibration generated during shooting to improve shooting stability
- Serves as a platform for mounting accessories
- Maintains structural rigidity and durability even under repeated use conditions

2.3 Structural Features

- Optimized grip position based on ergonomic design
- Easier adjustment and stable center position maintenance through the T-block ESA Plus system
- Ensures uniform balance and high accuracy through precision machining

2.4 Material Characteristics

Material	Characteristics	Applicable Models
F-AL	- New material optimized for vibration absorption in the riser - Captures even extremely fine vibrations, representing the highest level of vibration control - Delivers clean feedback without unnecessary residual vibration	ONIX PRO
AL 6061	- The most commonly used material for risers - Characterized by high rigidity and excellent vibration absorption performance	SKADI / ARGON TITAN / ONIX VELLATOR / VX etc.

3. ADJUSTMENT GUIDE

3.1 Bow Assembly Sequence

- After extended use, or if any abnormal performance is detected, have the equipment inspected by the authorized dealer or a qualified coach.
- Unauthorized disassembly, structural modification, or non-official repairs may degrade product performance and will void the warranty.

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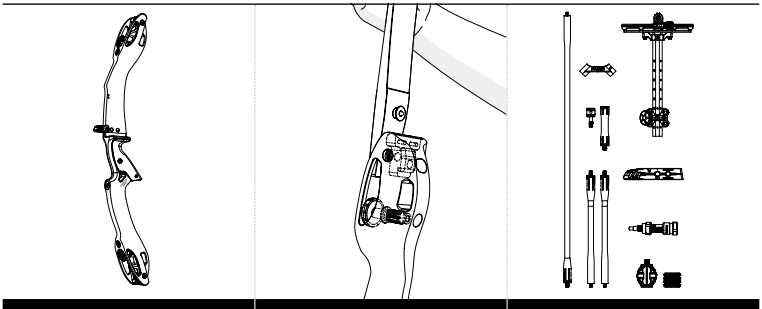
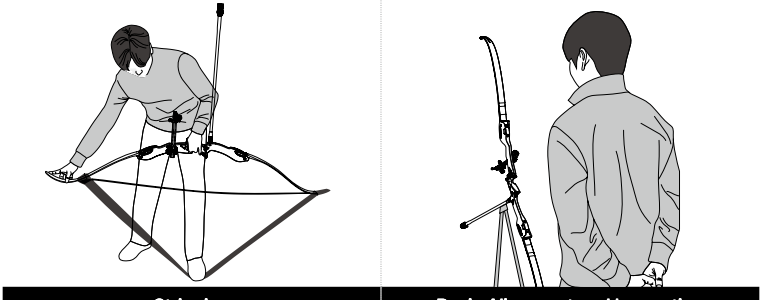


Riser Preparation | Limb Installation | Accessory Installation

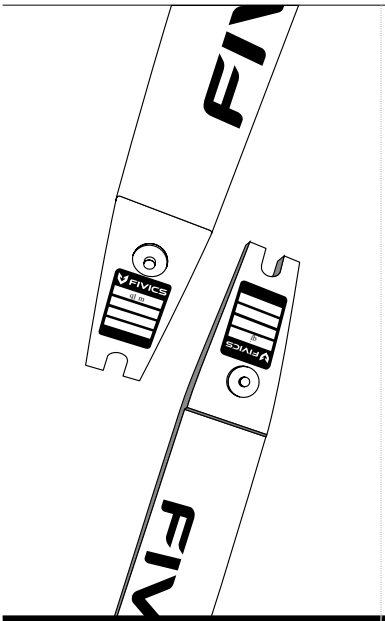


Stringing | Basic Alignment and Inspection

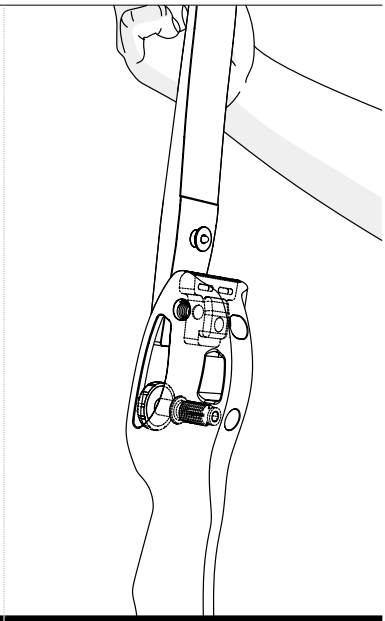
* This assembly sequence is for reference only and may vary depending on individual preferences.

3.2 Limb Setup

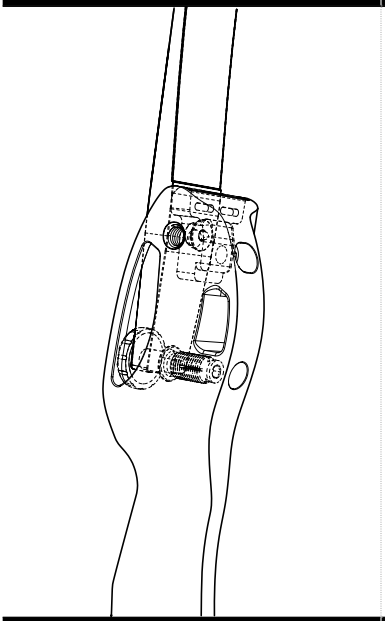
3.2.1 Limb Installation Method



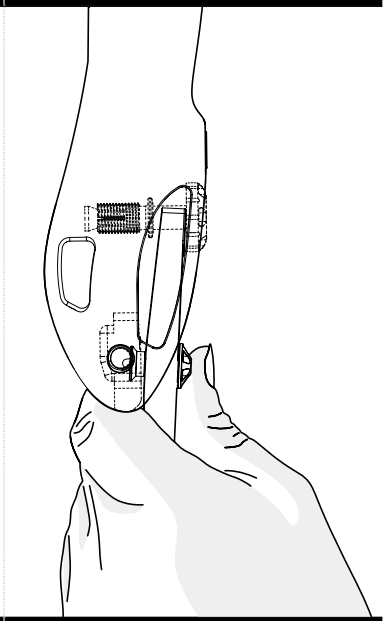
Limb Preparation



Limb Insertion

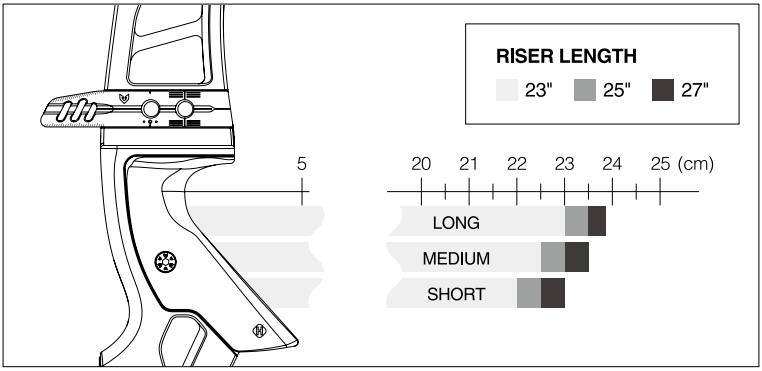


Properly seated position



Final check for secure assembly.

3.2.2 Tiller / Brace Height Measuring Points

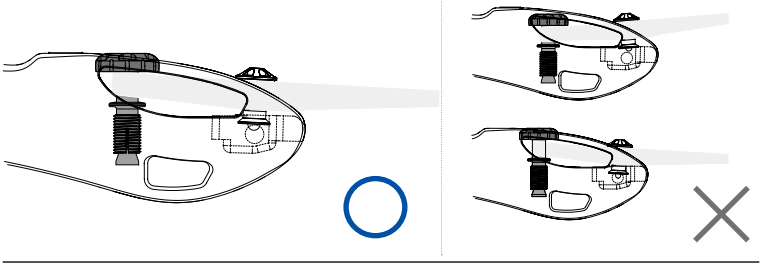


LIMB \ RISER	23"	25"	27"
LONG	22.5 ~ 23 (cm)	23 ~ 23.5 (cm)	23 ~ 23.8 (cm)
MEDIUM	22 ~ 22.5 (cm)	22.5 ~ 23 (cm)	23 ~ 23.5 (cm)
SHORT	21.5 ~ 22.2 (cm)	22 ~ 22.6 (cm)	22.5 ~ 23 (cm)

3.2.3 Tiller Bolt : Limb Weight Adjustment Range

- Adjustment range: 0 to 9 turns (maximum of 9 turns)
- Manufacturer's recommendation : 4 turns out from the point where the stopper touches the riser surface. (standard setting)

* To ensure optimal performance and durability, the product must be used in full compliance with these safety instructions.



3.2.4 Limb Size

Standard	Category	Size
25" Riser	LONG	70"
	MEDIUM	68"
	SHORT	66"

3.2.5 ILF Standard Information (Definition of ILF Limbs)

- All FIVICS Risers and Limbs are designed and manufactured based on the ILF (International Limb Fitting) standard, which is an international specification.
  * ILF limbs: An international standard defining the method of connecting the riser and limbs.

This system features a dovetail fitting at the lower end of the limb and a spring-loaded mechanism, providing stable attachment and consistent return force.

3.2.4 Limb Size

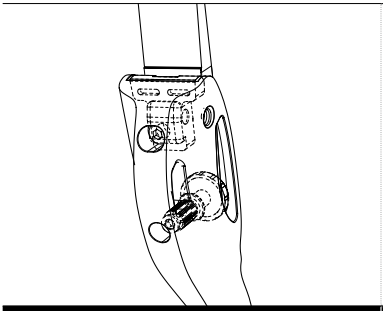
Limb Draw Weight	Riser Weight
40# or more	1,300g or more
32# ~ 44#	1,200g ~ 1,300g
24# ~ 36#	1,100g ~ 1,200g

* The above information is provided as a recommendation.

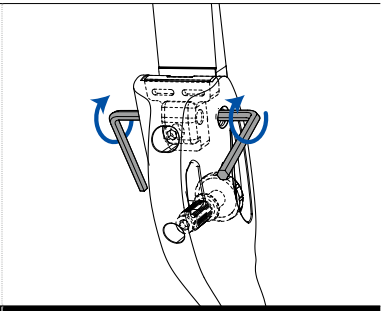
If the setup falls outside the recommended range depending on user conditions, product damage may occur. Please exercise caution.

3.3 Center Block Setup (T-Block / Ring Type)

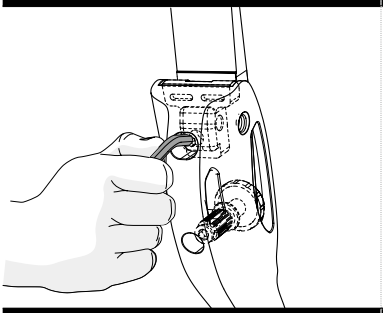
3.3.1 Center Block Adjustment Method



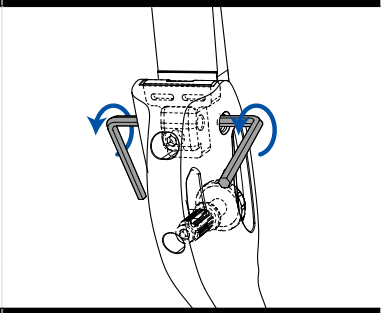
Center Block Assemble



Loosen the locking screw.



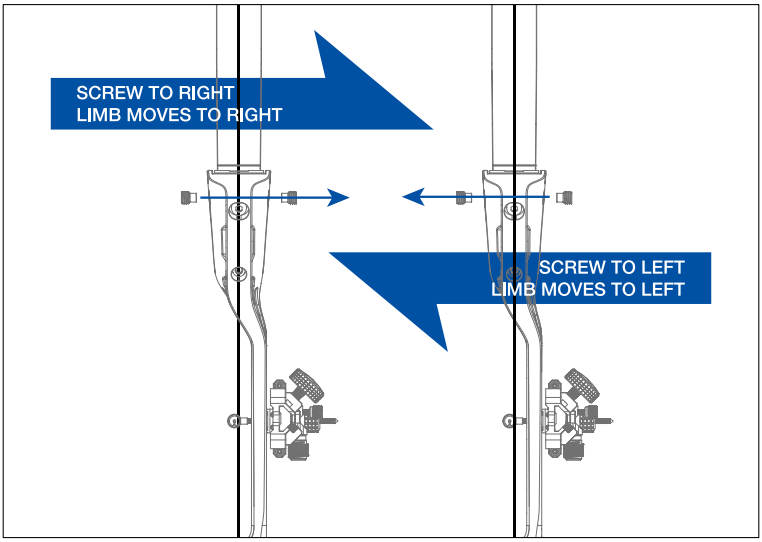
Center Block Assemble



Loosen the locking screw.

* For adjustment, a 5 mm hex wrench is generally used. However, some models require a 4 mm wrench. Before adjustment, be sure to check the wrench specification for the applicable model.

3.3.2 Recommended Center Shot Reference



4. COMPONENT SETUP

4.1 Stabilizer Setup Method

4.1.1 Basic Configuration and Function

- Center (Long) Rod : Extends forward from the front of the riser to control weight balance,vertical movement, and to guide the bow to roll forward after the shot.
- Side (Short) Rods : Extend to both sides (or rearward) through the V-bar to balance left and right weight distribution and prevent bow torque.
- Extender : Used between the riserand the V-bar to move the center of gravity further forward to the target. (Optional)
- V-Bar : A branching component that connects the long rod and side rods.
- Damper & Weights : Rubber dampers for vibration reduction and weights for mass adjustment.

4.1.2 Step-by-Step Assembly and Setup Sequence

Step 1: Extender and V-Bar Installation

- First, screw the extender into the front lower threaded hole (stabilizer bushing) of the riser (If an extender is not used, attach the V-bar directly.)
- Connect the V-bar to the end of the extender.
- Check the V-bar angle: Align it horizontally so that the holes are symmetrically orientedtoward the rear on both sides, and tighten securely. (If the V-bar is tilted, the horizontal balance of the bow will be compromised.)

Step 2 : Center (Long) Rod Installation

- Screw the long rod into the center hole of the V-bar.
- Attach the damper and weights to the end of the long rod.

  * Initial setup : Typically start with 1–2 weights and increase gradually according to your strength.

Step 3 : Side (Short) Rod Installation

- Screw the two side rods into the holes on both sides of the V-bar.
- Attach dampers and weights to the ends of the side rods in the same manner.

4.2 Basic Clicker Plate Setup Method

- Applicable screw size: 2.5 mm
- Adjust the front-to-back position of the clicker plate.
- Secure the plate firmly using the 2.5 mm screw so that it does not move or loosen.

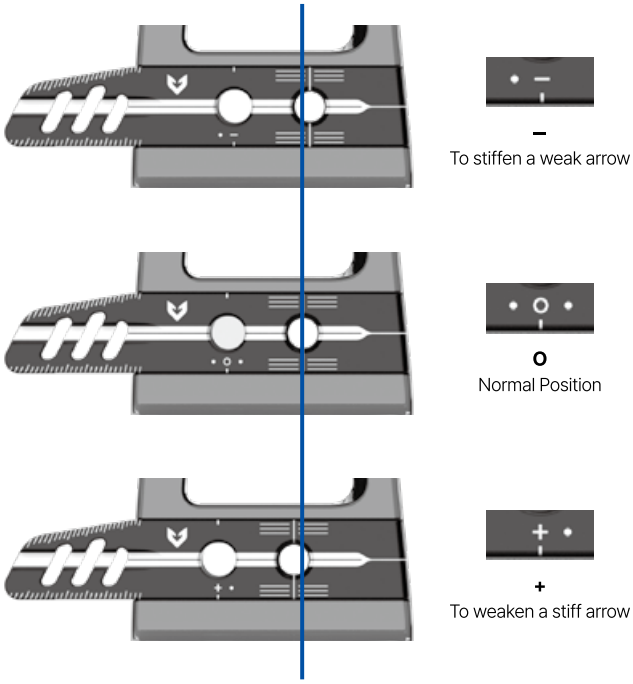
4.3 VACP Setup Method

- Applicable screw size : 5 mm
- **Variable Arrow Cushion Point / Position**

  The VACP plate can be adjusted forwards and backwards, which allows for the fine tuning to optimize arrow flight.

  The VACP system provides precise adjustment capabilities, allowing archers to fine-tune the clicker position. This enables adjustments of approximately 25-50 spines resulting in more accurate arrow tuning.

  * Featured on the Onix Pro, Skadi-TX, and Titan NXT Risers



4.4 Rest Setup Method

4.4.1 Rest Position

- Attach the rest to the center of the dedicated rest mounting hole on the riser.
- Select the front or rear hole according to arrow spine.
- Fine tune the height of the rest upward or downward from the center based on the user's bow and arrow setup and individual conditions.

4.5 Cushion Plunger Setup Method

4.5.1 Installation Position

- Install the plunger into the dedicated button hole on the riser.
- Ensure that the plunger tip makes precise contact with the center of the arrow.

4.5.2 Length (Center Shot)

- Set based on the string center line, then fine-tune from the center according to individual conditions.
- Secure the arrow rest first, then perform fine adjustment using the plunger.

4.5.3 Tension

- Set to medium tension.
- When pressed by hand : Compresses smoothly and returns immediately.

4.5.4 Lock (Fixation)

- After setup, be sure to tighten the locking bolt.
- If it loosens during shooting, grouping will immediately deteriorate.

4.6 Grip Types

4.6.1 TSG Grip

- An ergonomically designed grip made of ABS material (High / Low)

  * Compatible models: ONIX PRO, ONIX, SKADI-TX, ARGON-X, TITAN-NXT, VELLATOR, VX

4.6.2 Plastic Grip

- A basic grip made of plastic material

  * Compatible models: XENIA, V3

5. MAINTENANCE & CARE

5.1 Regular Inspection Interval

- Pre and post use inspection: Check the external condition and verify that no screws are loose.
- Regular inspection: Recommended at least once per week, or immediately after long-distance transport or outdoor events.
- For high frequency users, shorten the inspection interval according to usage frequency.

5.2 Fastener and Structural Inspection

- Periodically check all screw fastening points of components and accessories.
- If loosening or wear is detected at any fastening point, immediate adjustment or replacement is required.
- Excessive tightening beyond the specified torque may cause product damage.

5.3 Surface and Material Care

- Clean the surface of the riser using a soft cloth.
- The use of chemicals, abrasives, or strong solvents is prohibited, as they may damage the surface finish.
- Maintain cleanliness to ensure that sweat, moisture, and dust do not remain on the product.

5.4 Environmental Management and Storage

- Store the product in a dry place away from direct sunlight.
- Prolonged exposure to high temperatures, low temperatures, or high-humidity environments may degrade material performance.
- The use of a protective case is recommended during transportation.

5.4.1 Precautions When Exposed to Moisture

- If the equipment becomes wet due to rain or water, completely remove moisture only, without applying any lubricant.
- Applying lubricant to the center block, limb dovetail, or U-shaped grooves may reduce limb retention force and cause limb detachment issues.

5.4.2 Recommended Areas for Lubricant Use

- The use of lubricant is recommended on stabilizers and screws to prevent corrosion and ensure long-term use.
- Avoid using lubricant on areas other than the specified fastening points.
- Equipment malfunctions caused by improper use of lubricant may be excluded from warranty coverage.

5.5 In Case of Performance Abnormalities

- If cracks, deformation, abnormal vibration, or functional issues are detected, discontinue use immediately and have the equipment inspected and adjusted by the place of purchase or a qualified coach.

6. WARRANTY

- FIVICS products are warranted to have been manufactured through proper design, materials, and production processes.
- This warranty applies only to manufacturing defects that occur under normal conditions of use.

6.1 Warranty Period

- The free warranty period for this product is 1 year for the riser and 6 months for the limbs from the date of purchase.
- Depending on the extent of damage, paid repair service may apply to certain repairs.
- Limited lifetime warranty coverage may apply to certain structural components.
- Warranty period and coverage may vary depending on country and regional regulations.

6.2 Warranty Coverage

- Warranty coverage applies only when all of the following conditions are met:
- Manufacturing defects that occur under normal usage conditions
- Structural issues confirmed to be caused by material or machining defects
- Products verified as genuine FIVICS products
- Under warranty coverage, repair or replacement with the same or equivalent product may be provided. Refunds are not available.

6.3 Warranty Exclusions

- Warranty coverage will not apply if any of the following conditions apply:
- Damage caused by accidents, drops, impacts, or other external forces
- Damage caused by improper use, excessive load, or dry firing
- Unauthorized disassembly, modification, machining, or non-official repairs by the user
- Wear, scratches, or changes in surface finish resulting from long-term use
- Issues caused by the use of non-genuine parts or non-recommended component combinations

6.4 Warranty Claim Procedure

- Submit a warranty service request through the place of purchase.
- Provide proof of purchase.
- Warranty eligibility will be determined based on the product inspection results.

6.5 Limitation of Liability

- This warranty applies only to the product itself. The manufacturer shall not be liable for injuries, equipment damage, or incidental / consequential damages arising during use.
- This warranty provides the basic standards for maintaining the performance and durability of FIVICS products. All users must comply with the usage and maintenance instructions specified in this manual.

BOW PURCHASE INFORMATION

Serial Number

Riser Model

Limb Model

Place of Purchase

Date of Purchase

※ Note : A purchase receipt may be required for warranty validation and service support.

FIVICS

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