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› NcSTAR VTUFNR Vism Universal Pistol Front and Rear Sight Tool User Manual

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Model: VTUFNR | Brand: NcSTAR

PRODUCT OVERVIEW

The NcSTAR VTUFNR Vism Universal Pistol Front and Rear Sight Tool is designed for the installation, removal, and adjustment of pistol sights. Constructed with a heavy-duty blue anodized aluminum frame, this tool provides a stable platform for precise sight work. It is compatible with various handgun models and is intended for gunsmithing and maintenance tasks.



Image: The NcSTAR VTUFNR Vism Universal Pistol Front and Rear Sight Tool, showcasing its robust blue anodized aluminum frame and sight adjustment mechanisms.

SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Always wear appropriate personal protective equipment, such as safety glasses, when working with firearms and tools. Ensure the firearm is unloaded and safe before beginning any work. Follow all local and federal regulations regarding firearm maintenance and handling.

SETUP

- Unpacking:** Carefully remove the sight tool from its packaging. Inspect for any signs of damage during transit.
- Lubrication:** Before first use, and periodically thereafter, lubricate all bushings and screw threads. This ensures smooth operation and extends the tool's lifespan. Use a light machine oil or gun oil.
- Mounting (Optional):** For enhanced stability, the tool can be secured to a workbench using appropriate clamps or bolts through the designated mounting holes in the base.
- Familiarization:** Identify the main components: the base, the slide clamping mechanism, the sight pusher block, and the adjustment knobs.

OPERATING INSTRUCTIONS

1. Preparing the Firearm Slide

- Ensure the firearm is unloaded and safe. Remove the slide from the firearm according to the manufacturer's instructions.

- 2. Clean the sight dovetail and the new sight base to remove any debris or old adhesive.
- 3. Apply painter's tape or similar protective material to the slide around the sight area to prevent marring during the process.

2. Securing the Slide in the Tool

- 1. Loosen the slide clamping mechanism and the vertical adjustment knob.
- 2. Carefully place the pistol slide into the tool's cradle.
- 3. Adjust the vertical support to ensure the slide is level and the sight dovetail is aligned with the pusher block. Use the provided plastic blocks if necessary to raise the slide to the correct height.
- 4. Tighten the side clamping knobs to firmly secure the slide without overtightening, which could damage the slide. Ensure the slide is held perfectly still and upright.

3. Sight Removal/Installation/Adjustment

- 1. **Aligning the Pusher:** Position the sight pusher block against the sight to be moved. Ensure the pusher block makes full contact with the sight and is not angled.
- 2. **Applying Pressure:** Slowly turn the main threaded rod using the T-handle or a wrench (if preferred for leverage) to apply pressure to the sight. For stubborn sights, apply a small amount of penetrating oil to the dovetail.
- 3. **Gradual Movement:** Move the sight in small increments. Do not force the sight. If resistance is too high, re-check alignment and lubrication.
- 4. **Protecting Sights:** Place a piece of tape or a soft material on the pusher block where it contacts the sight to prevent marring, especially with delicate or finished sights.
- 5. **Installation:** When installing new sights, ensure they are started correctly in the dovetail before applying pressure with the tool. Some sights may require minor fitting (stoning) to fit properly.
- 6. **Final Adjustment:** Once the sight is in the desired position, release the pressure from the pusher block and carefully remove the slide from the tool.

MAINTENANCE

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any debris, oil, or metal shavings.
- **Lubrication:** Regularly apply a light coat of oil to all moving parts, especially the threaded rods and bushings, to ensure smooth operation and prevent corrosion.
- **Inspection:** Periodically inspect the tool for any signs of wear, damage, or loose components. Tighten any loose screws or nuts.
- **Storage:** Store the tool in a clean, dry environment to protect it from dust and moisture.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sight not moving or extremely difficult to move.	Insufficient lubrication; sight is too tight in dovetail; improper alignment of pusher block.	Apply more lubricant to dovetail and threaded rods. Ensure pusher block is perfectly aligned and making full contact. Some sights may require professional gunsmithing.
Slide tilting or shifting in the tool.	Slide not securely clamped; vertical support not properly adjusted; base not stable.	Ensure all clamping knobs are tightened firmly (without overtightening). Adjust vertical support to level the slide. Consider mounting the tool to a workbench for added stability.

Problem	Possible Cause	Solution
Marring or scratching of slide/sight.	Lack of protective tape; improper alignment; excessive force.	Always use painter's tape or similar protective material on the slide. Place a soft material on the pusher block. Ensure proper alignment before applying force. Apply force gradually.
Pusher handle or components become loose.	Normal wear; screws loosening over time.	Periodically check and tighten all screws and nuts on the tool. Use the provided hex key if applicable.

SPECIFICATIONS

- **Model Name:** VTUFNR
- **Brand:** NcSTAR / Vism
- **Product Type:** Universal Pistol Front and Rear Sight Tool
- **Material:** Heavy-duty Anodized Aluminum Frame
- **Color:** Blue
- **Compatible Devices:** Handgun slides
- **Item Dimensions (LxWxH):** Approximately 4.7 x 7 x 2 inches (11.94 x 17.78 x 5.08 cm)
- **Package Dimensions (LxWxH):** Approximately 10.55 x 6.3 x 2.83 inches (26.8 x 16.0 x 7.2 cm)
- **Package Weight:** Approximately 1.95 Kilograms (4.3 lbs)
- **Country of Origin:** China
- **UPC:** 848754011497

WARRANTY INFORMATION

The NcSTAR VTUFNR Vism Universal Pistol Front and Rear Sight Tool comes with a **Lifetime Warranty** from the manufacturer, Vism. For warranty claims or detailed terms and conditions, please contact Vism customer support directly or refer to their official website.

CUSTOMER SUPPORT

For technical assistance, parts, or general inquiries regarding your NcSTAR VTUFNR Vism Universal Pistol Front and Rear Sight Tool, please contact NcSTAR/Vism customer support. Refer to the product packaging or the manufacturer's official website for the most current contact information.

