



# **NIGHT FISION**

## **P R E C I S I O N T R I T I U M**

*There's always a brighter way...*

## **Dovetail Style Installation Guide**

### **PRIOR TO INSTALLATION:**

**Inspect all tritium lamps in low light conditions for illumination and brightness. If you have any questions regarding tritium lamp illumination, please call our Customer Service Department immediately at (313)-293-7100.**

Please review our full Warranty Policy – [Click Here](#)

**Please read through the entire step-by-step instructions before attempting to install gun sights. If for ANY reason you are uncertain about performing the following step-by-step instructions, Night Fision highly recommends consulting a qualified professional gunsmith for installation.**

For further instruction, please review our Night Fision video installation guide below:

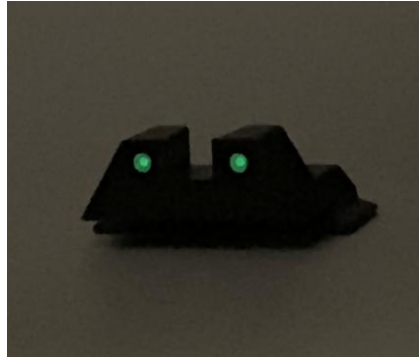
Dovetail Style Installation – [Click Here](#)

### **Tools needed for proper installation:**

- Gunsmithing Tool Kit (Purchase at Nightfision.com – [Click Here](#))
  - Gunsmith Hammer non-marring head (polymer) and steel head
  - Soft Metal Drift/Punch (Aluminum)
  - Oil Stone (320 grit)

- Masking Tape
- Vise w/optional Non-Abrasive Padding

1. Inspect all tritium lamps in low light conditions for illumination and brightness.



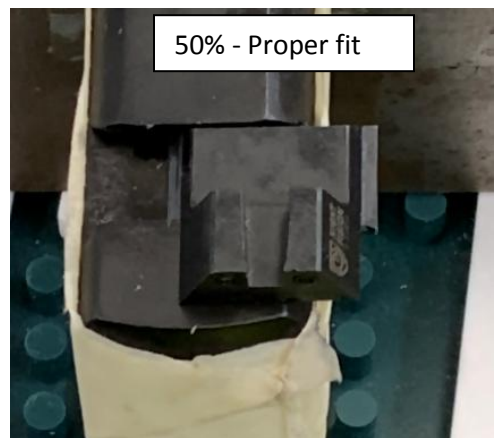
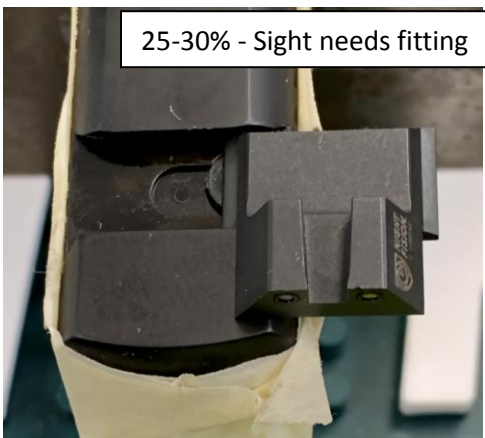
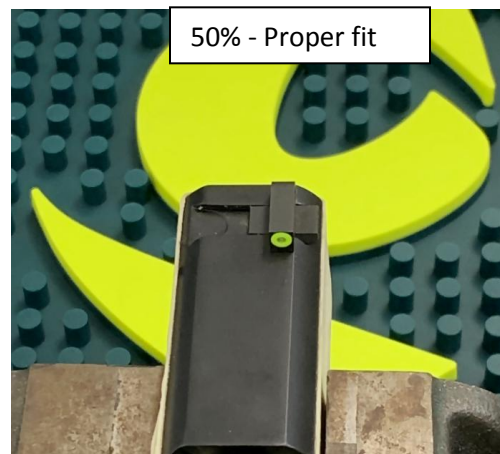
\*\*If you have any questions regarding the tritium lamp illumination, please call our Customer Service Department immediately at (313)-293-7100.

2. Perform a firearm safety check, do this by removing the magazine and racking the slide, confirming the gun is **UNLOADED**.
3. Fieldstrip the gun and secure the slide tightly in a vise. Make sure to properly mask the gun slide with tape and/or use non-abrasive padding in the vise to protect the slide from becoming damaged during installation.



4. Remove the original guns sights.
5. **Test fitting gun sights:** Insert gun sights into the slide dovetail using firm pressure until stopped. You may tap lightly with a non-marring tool or by hand.

- Sometimes, initially the gun sight only will insert about 25-30%.  
If this is so: **Proper fitting of the sight is necessary and you must complete step 5 & 6 properly before attempting to install with gunsmith tools.**
- If the sights insert about 50%: the sights may not require additional fitting and proceed to step 8 and begin the final installation process.



\*\*Forcing a gun sight that does not fit properly with gunsmith tools can and will damage the gun sights. This is considered an improper installation and is not covered by warranty.

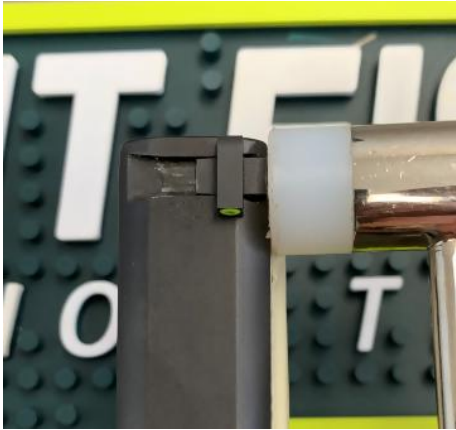
6. **Fitting gun sights:** The objective is to gradually remove small amounts material until the gun sight fits about 50% inserted into dovetail as shown in step 5.

- Using a gunsmith oil stone, apply oil then gently rub the bottom of gun sight in a circular motion to remove a small amount of material at a time.
- **FREQUENTLY** check and test fit the sight as shown in step 5 until the sight inserts about 50%. This may take multiple tries while removing material repeating step 5 & 6 until the gun sight fits properly.



\*\*It is important to frequently check and test fit the gunsight. Removing too much at one time can cause the sight to be too loose. This is considered an improper installation and is not covered by warranty.

7. After acquiring a proper test fit (inserted about 50%), clean the gunsight of all debris and insert the gunsight firmly into the dovetail until stopped.
8. Using the polymer non-marring head of the hammer, tap the gun sight on the dovetail until even with the edge of the slide, at the point in which using the drift/punch is necessary.
  - **ALWAYS** strike the gun sight on the dovetail **ONLY**.
  - **NEVER** strike the gun sight at the blade or any location on or near the tritium lamps. This can cause damage.



\*\*If gun sight does move with ease, most likely not enough material was removed in step 6, and that step should be performed again until fitted properly.

9. **Centering the gun sight:** Place the aluminum punch securely on the dovetail **ONLY**, and using the gunsmith hammer, firmly strike the punch until the gun sight has aligned to center of the slide.



\*\*Striking the blade with Drift or Hammer during installation and causing any damage to the sight or tritium lamps will not be covered by warranty.

\*\*Any RMAs submitted regarding blade breakages that have been hit on the blade during installation will be denied and are not covered by warranty.

Please contact our Customer Service Department at **313-293-7100** or [Info@nightfision.com](mailto:Info@nightfision.com) if you have any questions or concerns.