

# Installation of the WPNTEC FENRIS Trigger

## Tools and Materials:

- Safety glasses
- Screwdriver set
- Small hammer
- Punch tool (Pin Punch)
- Torx screwdriver (included)
- Thread locker (e.g., Loctite)
- Gun cleaning mat or cloth (to protect the work surface)

## Step 1: Unload the weapon

- 1 **Safety check:** Ensure the weapon is unloaded. Remove the magazine and open the bolt to check that there is no cartridge in the chamber.
- 2 **Safety selector:** Set the safety selector to "Safe" and pull the trigger to ensure the weapon is completely unloaded.

## Step 2: Separate the upper and lower receiver (housing)

- 1 **Release the takedown pins:** Use a small screwdriver or pin to push out the front and rear takedown pins of the AR-15. This allows you to separate the upper (Upper) and lower receiver (Lower).
- 2 **Remove the upper unit:** Set aside the upper unit so you can work with the lower part only.

## Step 3: Dismantle the grip (to remove the safety shaft)

- 1 **Remove the grip:** Remove the grip of the AR-15 by loosening the screw that holds the grip to the Lower Receiver.
- 2 **Remove the spring and PIN:** Make sure to remove the spring and the small PIN (which fixes the safety lever in the Lower Receiver) as well.

## Step 4: Remove the safety shaft

- 1 **Check the safety lever:** Safety levers are either screwed or pinned with a shear pin.
- 2 **Safety lever with screw connection:** If the safety lever is screwed, use a screwdriver or Allen key to loosen the screw and remove the lever.
- 3 **Safety lever with shear pin:** If the lever is pinned with a shear pin, you will need a small punch to drive out the pin. Gently strike the pin with a hammer and punch until the lever is released.

## Step 5: Insert the trigger

- 1 **Insert the trigger:** Insert the WPNTEC FENRIS drop-in trigger completely into the Lower Receiver. Since it is a drop-in design, the trigger must be inserted as a unit into the housing.

## Step 6: Insert the trigger pin

- 1 **Insert the pin:** Insert the trigger pin to fix the trigger in the Lower. At this point, the trigger can still be slightly "tilted," which is important for the following steps.

## Step 7: Insert the safety shaft

- 1 **Tilt the trigger:** Carefully tilt the trigger in the Lower to make room for the safety shaft.
- 2 **Insert the safety shaft:** Introduce the safety shaft from one side into the Lower, so that it

sits in its place.

### **Step 8: Insert the front pin**

- 1 **Insert the pin:** Insert the front pin to further secure the trigger. Now the trigger is in the correct position but not yet screwed tight.

### **Step 9: Slightly tighten the fixing screws**

- 1 **Lightly tighten the screws:** Lightly tighten the two fixing screws on the WPNTEC FENRIS so that the trigger no longer moves but can still be adjusted.

### **Step 10: Adjust the Torx screw**

- 1 **Set the Torx screw:** Use the provided Torx screwdriver to adjust the screw at the end of the trigger shoe. The screw is used to adjust to the safety roller, as the diameter of the roller can vary slightly from manufacturer to manufacturer.
- 2 **Test the setting:** The Torx screw must be adjusted so that the trigger shoe does not move at all, or only minimally, when in the secured state, and fires the weapon when in the unsecured state.
- 3 **Apply thread locker:** Apply a small amount of thread locker (e.g., Loctite) to the Torx screw to prevent unintentional twisting.

### **Step 11: Check the safety function**

- 1 **Test the safety function:** Check if the safety works properly by operating the trigger several times with the safety in both positions.
- 2 **Adjust the Torx screw:** If necessary, you can further screw in or out the Torx screw to perfectly adjust the safety.

### **Step 12: Tighten the fixing screws**

- 1 **Tighten the screws:** Tighten the fixing screws of the trigger firmly once the safety setting is correct.

### **Step 13: Reinstall the grip**

- 1 **Mount the grip:** Reattach the grip of the AR-15 and screw it tight. Ensure that the spring and small PIN are correctly inserted to maintain the safety function.

### **Step 14: Final inspection**

- 1 **Assemble the weapon:** Assemble the weapon completely by reconnecting the upper and lower receiver.
- 2 **Function test:** Perform a function test to ensure that the trigger and safety function properly and the weapon fires correctly when the safety is disengaged.

This step-by-step guide ensures that the WPNTEC FENRIS trigger is safely and correctly installed and optimally adjusted in an AR-15.