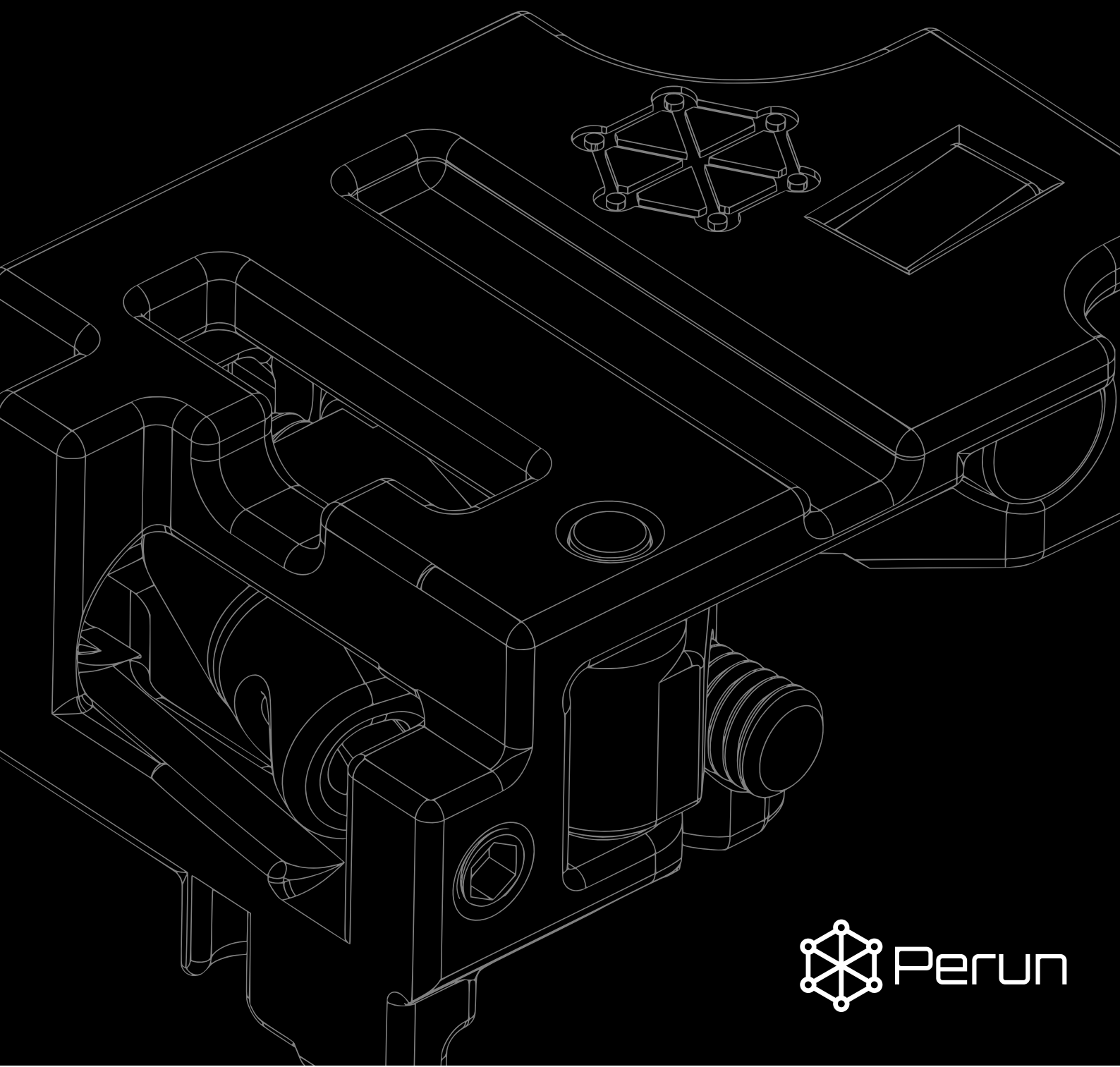


# Perun Clicker V2 PRO

User and installation manual



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# 1. Compatibility

Clicker V2 PRO works with all Perun V2 drop-in devices based on magnetic trigger detection, and with the following gearbox shells and triggers:

Gearbox shells (Tokyo Marui standard): A&K, Bolt, Classic Army, CYMA, DE, King Arms, Krytac, G&G, G&P, Mancraft, P&J, Retro Arms, Specna Arms, SRC, VFC. Clicker fits into the KWA 2GX gearbox, but this combination has proven problematic and may require modification. To use it in some SHS CNC shells, either Clicker or the right (upper) half of the shell must be ground down in a specific area.

Triggers: all standard V2 triggers (AR-15, G3, SCAR, MP5 replicas, etc.) except for those made by Big Dragon. Proprietary triggers intended for systems such as G&G ETU are not compatible and must be replaced with standard triggers.

Because gearbox shells and triggers can change between production batches, compatibility may vary. This list reflects our testing; other shells and triggers may also work.

With Clicker V2 PRO installed, two-stage trigger functionality is unavailable.

## 2. How does it work?

Clicker V2 PRO uses a magnet and a lever to create a trigger wall (“break”) while minimizing wear. When you pull the trigger, a metal part is separated from the magnet. Because magnetic force drops rapidly with distance, the release feels crisp. The lever increases the effective break force. When you release the trigger, the metal part snaps back to the magnet, producing an audible reset.

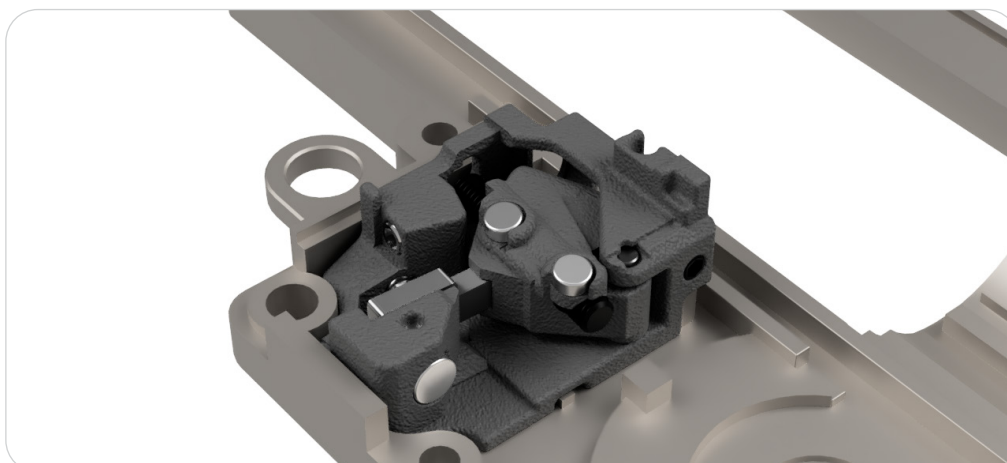
Clicker V2 PRO includes the magnet required by the Perun module to detect trigger movement, so the original V2 Hybrid magnet holder must be removed.

The Clicker V2 PRO lever engages the replica’s mechanical trigger lock, retaining mechanical safety and adding a more realistic feel.

## 3. Installation and adjustment

### 3.1. Installation

To install the main body of Clicker V2 PRO, insert it into the right (upper) half of the gearbox shell as shown in the photo. In most cases, Clicker will stay in place via a press-fit. If it does not, you can install Clicker in the left (lower) half instead.

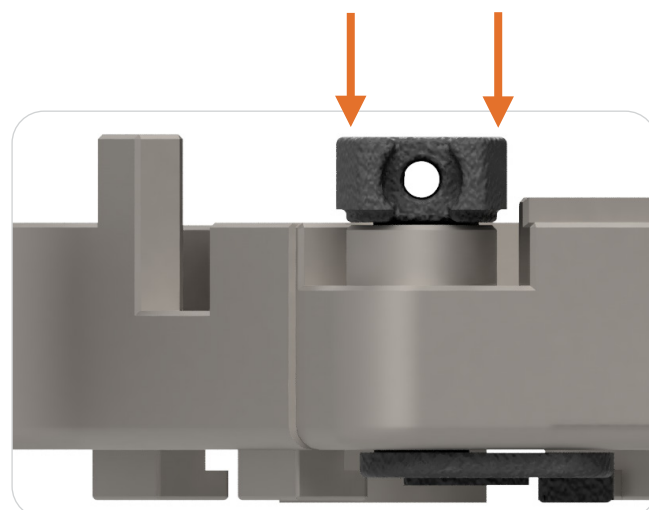


Clicker V2 PRO includes a mechanical trigger lock. The lock body must fit tightly in the gearbox shell's corresponding hole, so six sizes are provided: 1 is the thinnest and 6 is the thickest. Select the size that sits most securely while still allowing the return spring to disengage the lock when the selector is not set to "SAFE".

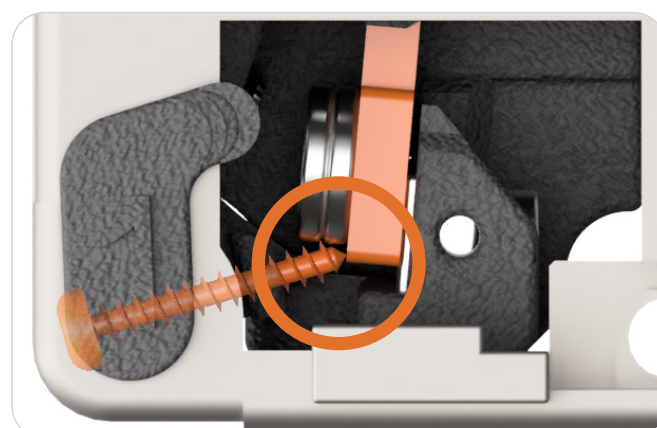


**!** To accommodate different gearbox shells and selector plates, the lock is intentionally oversized where it contacts the selector plate. In some replicas it may block the trigger even on the "SEMI" selector position. If needed, carefully file or cut this area to match your replica and selector plate.

Assemble the lock as shown in the photos. While pushing the main part upward, press the spring holder downward so the main part protrudes as far as possible and the assembled lock has minimal play in the gearbox hole. This ensures the lock engages the selector plate correctly and does not slip underneath it. Then install the screw.



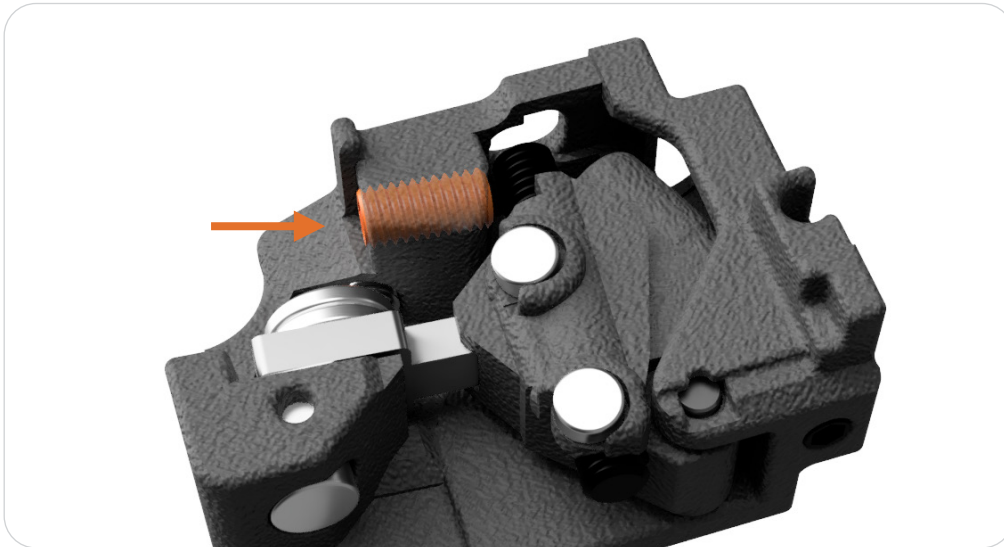
Insert the small return spring into the lock.



Do not tighten the screw fully; leave the head about 1 mm from the hole. Assemble the gearbox halves with only the Clicker main body and the lock installed. Looking through the selector window, adjust the screw so that, with the selector on "SAFE", the screw tip just touches the Clicker's metal part. Ensure the lock can still engage and disengage freely as you switch the selector on and off "SAFE".

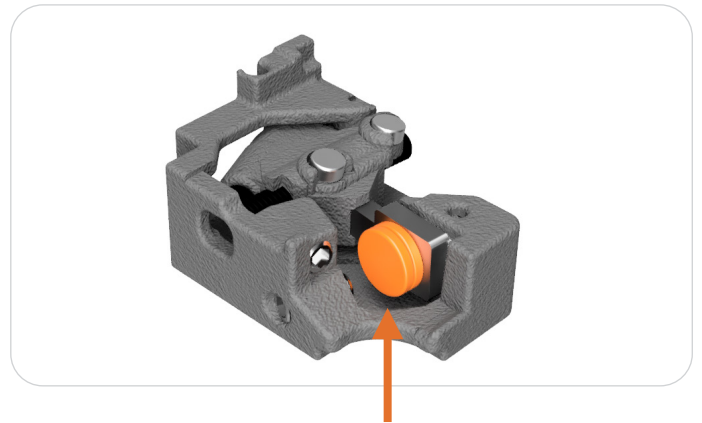
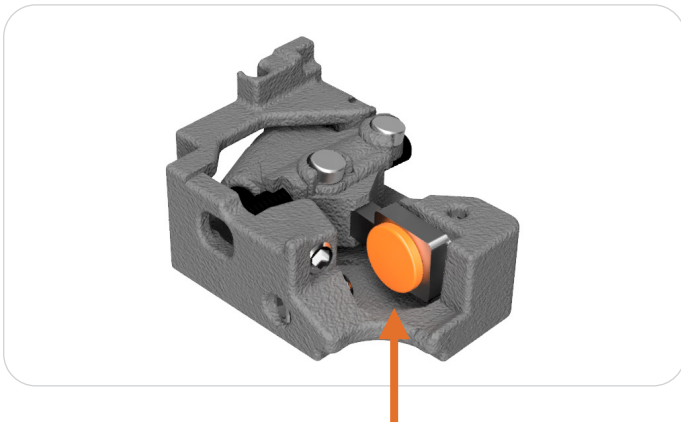
### 3.2. Break force

To adjust trigger break force, use the screw shown in the photo. Turn it clockwise to reduce pull weight and counter-clockwise to increase it.



### 3.3. Additional magnets for increased trigger hardness in replicas with plastic receiver

Trigger pull weight can be increased with 6 x 1 mm disk magnets attached to the metal part. The magnets adhere to the metal part and are not prone to falling off due to vibration. Do not glue them in place; adhesive increases the air gap and reduces their effectiveness.

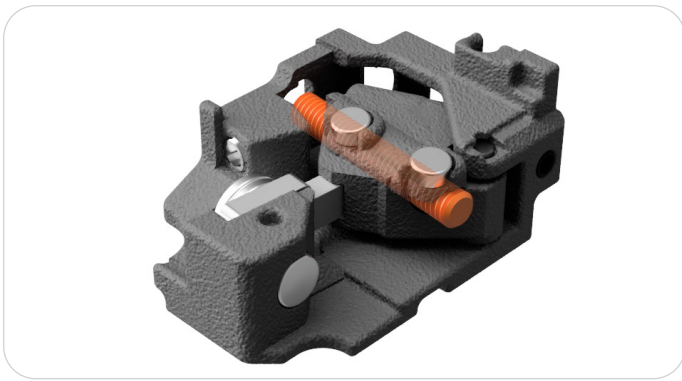


### 3.4. Pre-travel

Pre-travel is the low-resistance part of the trigger movement before the wall is reached. Adjust pre-travel using the screw shown below.

**!** If the trigger presses on the Clicker at rest, break force will be reduced.

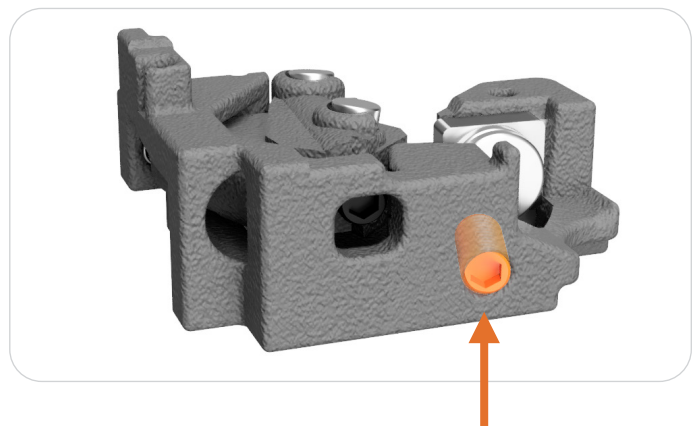
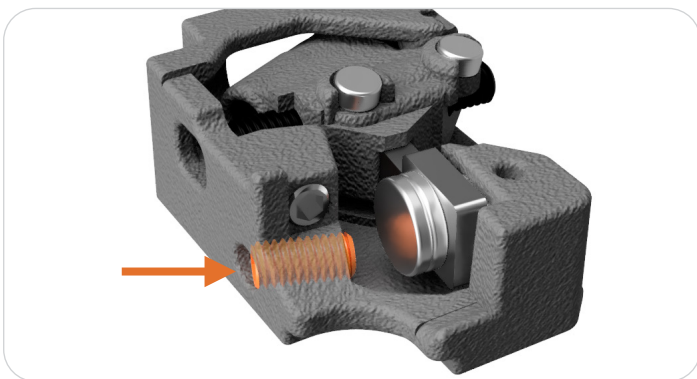
Using the trigger spring is optional with Clicker V2 PRO. However, if you set significant pre-travel, the spring is required to prevent the trigger from hanging loose. If you set a light break, the trigger feel will be best when pre-travel is reduced to zero and the trigger spring is removed.



### 3.5. Overtravel

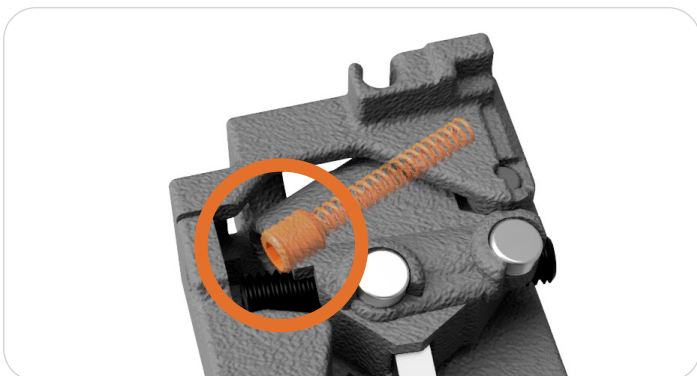
To limit how far the trigger can travel after the break, use the screw shown in the picture below. Remove the overtravel screw completely if required.

**!** Limiting overtravel too much can prevent proper reset, i.e., follow-up shots may not fire immediately after the trigger resets with an audible click. If the replica fires again only after you fully release the trigger, increase overtravel.



### 3.6. Spring tension

Return spring tension can be adjusted using the screw located next to the pre-travel adjustment screw. It affects how strongly the trigger resets after the wall. Turn clockwise to increase tension and counter-clockwise to decrease it.



### 3.7. Perun drop-in trigger sensitivity setting

After installing Clicker V2 PRO, Perun trigger sensitivity should typically be set to level 4 for both selector positions. In some replicas you may need level 3 to avoid shots before the break, or level 5 if very short overtravel is used.

### 3.8. Perun drop-in selector calibration

Perun drop-in modules with a selector calibration feature should be calibrated before Clicker V2 PRO is installed, because the mechanical trigger lock can prevent pulling the trigger when the selector is set to "SAFE".

If Clicker V2 PRO is already installed, you do not need to open the gearbox to remove the mechanical trigger lock. Retract the screw that blocks the Clicker's metal part in the "SAFE" position, perform the calibration, then return the screw to its previous position to ensure mechanical safety.

### 3.9. Testing before final assembly

We strongly recommend testing the gearbox before final assembly. Install the gearbox in the lower receiver and attach only the pistol grip and the motor, leaving the magazine catch, stock, and other parts for later. Fine adjustments may be required (pre-travel, overtravel, and Perun trigger sensitivity), and testing in this stripped configuration saves time. For the fastest setup and easiest experimentation, test with only the Perun module, Clicker, trigger, and gears installed, with the gearbox in the lower receiver and the motor attached, but without pneumatic parts and the main spring.

Perun's "Switch check" mode may not be sufficient to verify correct trigger reset, because it does not provide precise reset feedback. For a reliable test, attach the pistol grip with the motor installed and confirm normal firing and reset before final assembly.

## 4. Installation advice for V2 Hybrid PRO

In some cases, when Clicker V2 PRO is paired with Perun V2 Hybrid PRO, a quick modification may be required.



**This applies only to the "PRO" version of the Hybrid. The standard (non-PRO) version does not require this modification, and we discourage it because its different trigger sensing mechanism may have trouble detecting trigger pull after the modification described below is performed. This modification applies only to products with the following SKU codes (printed on the package near the barcode): HB-V2-BP and HB-V2-FP.**

If your Hybrid PRO works normally with the standard trigger magnet holder installed, but after installing Clicker V2 PRO you experience any of the following:

- **Inability to enter programming mode**
- **In diagnostic mode, the yellow light blinks very fast; after pulling the trigger it stays solid purple**
- **Inability to calibrate the selector sensor**

Remove the magnet shown in the picture below. The easiest method is to wedge a very small flat screwdriver between the magnet and the plastic part it is glued to.



After removing the magnet, your Hybrid PRO should work normally. If problems persist, contact us at [info@perunairsoft.pl](mailto:info@perunairsoft.pl).

## 5. Warranty and liability limitations

### Warranty

We offer a 24-month warranty on this product from the date of retail purchase. This warranty covers defects in materials or workmanship under normal use conditions. The warranty does not cover:

- **Damage caused by improper installation, misuse, or neglect.**
- **Any alterations, modifications, or repairs made by unauthorized persons or third-party services.**
- **Damage resulting from the use of third-party components or accessories not approved by the manufacturer.**
- **Wear and tear due to regular use or external factors such as extreme conditions.**
- **Any incidental, consequential, or punitive damages, including damage to the airsoft replica or any other parts such as the gearbox, motor, or batteries, arising from improper use of the trigger unit.**

### Claims Process

To submit a warranty claim, contact our customer service team at [info@perunairsoft.pl](mailto:info@perunairsoft.pl) with a detailed description of the defect. If your claim is approved, we will repair or replace the unit at our discretion. This warranty does not cover shipping costs for returning the product. This warranty gives you specific legal rights, and you may have other rights which vary depending on your region.

### Limitation of Liability

The manufacturer and its affiliates are not liable for any personal injury, damage, or loss of property arising from:

- **Improper installation or use of this product.**
- **Failure to follow the instructions provided in this manual.**
- **Use of the product in a manner not intended or recommended by the manufacturer.**

**Manufacturer:**

**Perun Tech Sp. z o. o.**

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