



***BulletCentral.com***



**Bix'n Andy  
Trigger Installation  
& Care Instructions**



## Pre-Installation Warning & Disclaimer

Bullet Central, LLC. nor Bix'n Andy, will accept any responsibility for any injury, damages, death, loss of property incurred through the use of this trigger. Your well-being and life is important to us and could be seriously compromised if you do not have this trigger properly installed. **When operating the firearm always practice safe shooting and only discharge the firearm when it is pointed in a safe direction. Never install or un-install this trigger with ammunition in the receiver.**

**The installation procedure alone can be a very dangerous activity if you do not ensure that the weapon you are working on is not unloaded first. When unloading ensure that the muzzle of the gun is pointed in a safe direction bearing in mind that a wall should NOT be considered a safe direction to point a weapon.**

It is advisable that you employ the skills of a good gunsmith to install the trigger. You can do it yourself if you are well versed with the mechanics of a rifle receiver and the fire control but consider that this is a premium trigger and to get the most out of your investment it must be carefully set up.

If you have any questions or concerns, please contact us at:  
+1 701-371-4444 or [sales@bulletcentral.com](mailto:sales@bulletcentral.com)

Thank you for your purchase and enjoy your trigger!

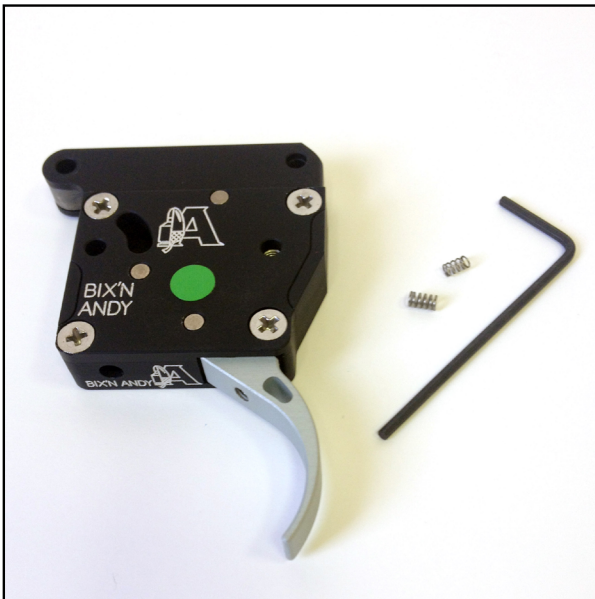
Sincerely,  
The Bullet Central Team

# Installation

There are four main steps to installing a trigger, and are done in this order:

1. Set the timing for the trigger correctly in order for you to have sufficient pin fall (not possible with a receiver, like a Remington 700, that does not have the hangar required to set timing)
2. Check the sear engagement.
3. Set the trigger pull weight.
4. Check the firearm for safe operation

As a final step you may need to reset the trigger timing again to fine-tune accuracy. Please note that over travel is not adjustable. The trigger has been designed with enough over-travel to prevent shooting errors.



## Installation instructions for Remington styled action (no trigger hangar required):

1. Remove bolt and magazine (if any)

2. Remove stock

3. Remove pin A from the originally installed trigger

4. Remove pin B from the original trigger (Caution: be sure to not lose the bolt stop spring and bolt stop lever)

5. Remove the original trigger

6. Insert new trigger in its place and fix it with pins A and B (Caution: the bolt catch spring and bolt catch piece must be installed properly with pin B)

7. Check that the sear engagement is correct:

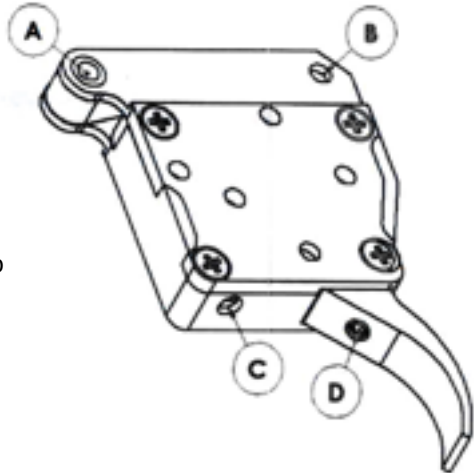
7.1. Cock the unloaded rifle

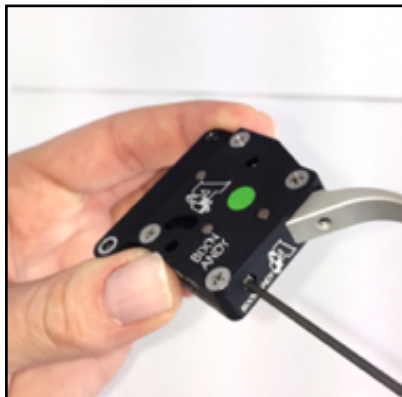
7.2. Very carefully turn set screw C clockwise until the firing pin falls.

7.3. Then turn set screw C counter-clockwise 90 degrees or one quarter turn.

7.4. Check the trigger for proper function by cocking the rifle very aggressively - the trigger should be able to hold the firing pin sear every time.

7.5. If you do adjust the bottom-sear engagement and later want the default setting (screw C) simply follow the procedure in 7.2 and 7.3 above. You may need to repeat this exercise several times as the action of torquing the set screw may well set off the trigger.





## Setting Sear Engagement

## Setting Pull Weight

8. Check the pull weight of the trigger:
  - 8.1. Adjust the trigger pull weight by turning set screw D clockwise to increase pull weight and counter clockwise to decrease pull weight
  - 8.2. Ensure that once the pull weight is set that the rifle still holds the firing pin safely by once again cocking the rifle aggressively.
  - 8.3. Additional springs are provided if you are going to want a heavier trigger pull. The competition trigger comes fitted with the light spring.
9. Install stock using appropriate screws. In some cases a modification may have to be made on the stock to ensure free access of the trigger.

Light Spring	Up to 2.75 oz	(Up to 80 gm)
Medium Spring	1.75 oz to 11 oz	(50 gm to 300 gm)
Heavy Spring	7 oz to 25 oz	(200 gm to 700 gm)

The best way to identify the springs is to measure the wire diameter of each spring using a calliper. The dimensions are as follows:

Light Spring	-	0.0085"	(.22mm)
Medium Spring	-	0.0175"	(.44mm)
Heavy Spring	-	0.0215"	(.55mm)

10. Again, check the safe and correct function of the trigger.

## Installation instructions for action with timing-hangar:

1. Remove bolt and magazine (if any)
2. Remove stock
3. Remove the hangar from the trigger bay in the bottom of the receiver. There should be at least two screws holding this in place.
4. If your rifle (like a BAT DS or B) has hangars that have different timing based on their orientation then it would be sensible to take note of this when removing it from the action. It will also be a good idea to measure the amount of pin fall your rifle has before removing the old trigger. This distance can be calculated by measuring the distance of the firing pin in its loaded and fired positions relative to the back of the shroud and subtracting the two. The difference is the pin fall. It should be in the region of 0.220" but this varies from action to action. Some rifles will shoot well in the 0.190" range and others toward 0.250". It is essential that you ensure that you have sufficient pin fall otherwise accuracy will suffer.
5. Remove the old trigger from the hangar and insert the new trigger. Ensure that the trigger is securely held in the hangar. If the hangar seems a little loose then you could gently pinch the sides of the hangar pocket with a pair of pliers so as to squeeze the sides together and this will help support the trigger securely. Be careful not to put too much of a set in the sidewalls of the pocket. Insert the 0.125" (3.175mm) pins to secure the trigger in position.
6. Re-install the hangar in the receiver with the bolt removed from the action.
7. If you feel a significant amount of "cocking" on closing the bolt then you will likely want to move the trigger forward to avoid this. Select a different hangar or hangar position depending on what



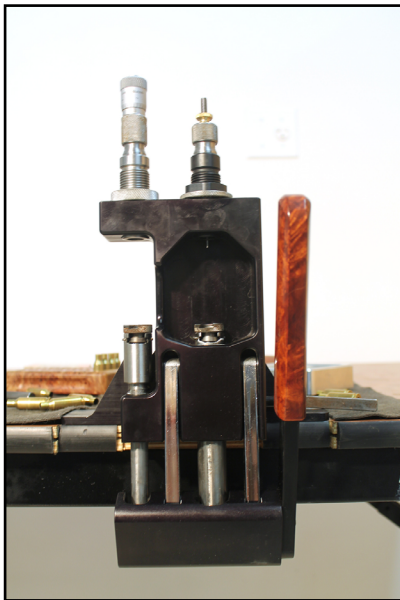
type of action and hangar setup you have. Move the hangar forward by about 0.010" (.25mm) at a time. When you have removed the cocking on closing it would be important to measure your pin fall. The best way to check if you have sufficient pin fall is by shooting groups. After shooting multiple groups and you have not experienced any fliers or degraded accuracy your trigger should be perfectly timed.

8. Follow steps 7 and 8 (under the section above for Remington style actions) to ensure that the sear engagement and pull weight are properly set.

## Care & Maintenance Instructions

Your trigger should require little to no maintenance with years of use. However, those in a particularly dusty or dirty environment may feel the need to service the trigger, so here are the guidelines:

1. Find a clean area to work and put down a lint free or microfibre cloth to work on. The following will make your job easier:
  - A Phillips screwdriver
  - The 1.5mm allen key that the was shipped with the trigger
  - Lighter fluid
  - Compressed air
2. Remove the Phillips screws.
3. Use the two 1.5mm set screws to jack the cover plate off the trigger housing.
4. It is advisable to turn the jack screws back to their original position immediately as one can forget to do this when replacing the cover plate.
5. Remove the two ball bearings and inspect for any obvious signs of wear.
6. Rinse the trigger mechanism with lighter fluid.
7. Very gently use a stream of compressed air to dry off the trigger.
8. Replace the ball bearings.
9. Replace the cover plate and Phillips screws ensuring that the jack screws are not impeding the seating of the cover plate.



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