Manual for Bix’n Andy Competition Trigger

Warning: we advise that this trigger be installed by a qualified gunsmith. When operating any firearm always practice safe shooting and only discharge the firearm when it is pointed in a safe direction with a known backstop. Never install or un-install this trigger with ammunition in the receiver. Bix’n Andy and/or Bullet Central LLC take no responsibility for any damages to or loss of property, injury or death arising out of the use and/or misuse of this trigger.

Installing Competition Trigger into a Remington Action
1. Remove bolt and magazine.
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 catch spring and bolt catch piece).
5. Pull out 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. Install stock using appropriate screws. In some cases a correction must be made on the stock to ensure free access of the trigger.
8. Check the safe and correct function of the trigger.

Installing Competition Trigger into a custom action with Remington 700 footprint
1. Remove bolt and magazine.
2. Remove trigger guard.
3. Remove trigger hanger from the action.
4. Remove trigger previously mounted in trigger hanger by removing pins A and B.
5. Seat the Bix’n Andy trigger firmly inside the trigger hanger.
6. Mount the trigger in the trigger hanger with pins A and B.
7. Insert the trigger hanger in the action.
8. Fasten the trigger hanger back into the action using the trigger hanger screws.
9. Replace the bolt.
10. Check the safe and correct function of the trigger.

Single Stage Trigger Weight

The trigger force is adjusted with Screw D (socket screw .059”). The pull weight increases as the screw is turned clockwise.

Additional springs are provided if you are going to want a heavier trigger pull. The weights are given in grams. Also, the best way to identify the springs is to measure the wire diameter of each spring using a caliper.

If you do adjust the bottom-sear engagement and later want to return to the default setting, simply cock the UNLOADED rifle, point barrel in a safe direction and turn Screw C clockwise until the firing pin falls. Then turn the screw counter-clockwise in 90 degree increments until the sear re-engages with the firing pin.

<table>
<thead>
<tr>
<th>Spring</th>
<th>Spring Wire Diameter X Length</th>
<th>Pull Weight (Grams)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light</td>
<td>.25mm X 4mm</td>
<td>30 - 80</td>
</tr>
<tr>
<td>Medium</td>
<td>.32mm X 4mm</td>
<td>50 - 300</td>
</tr>
<tr>
<td>Heavy</td>
<td>.41mm X 4mm</td>
<td>200 - 700</td>
</tr>
</tbody>
</table>
Two Stage Trigger Weight

The spring at Screw C sets the amount of force required to move from first to second stage. The further you turn the set screw in (clockwise), the more force will be required to move from the first to the second stage.

If you adjust the bottom-sear engagement (Screw D) and later want to return to the default setting simply cock the UNLOADED rifle, point barrel in a safe direction and turn Screw D clockwise until the firing pin falls. Then turn the screw counter-clockwise in 90 degree increments until the sear re-engages with the firing pin.

Screw E affects the travel range of first stage pull. Turning the screw out (counter clockwise) will allow for a greater pull range.

Screw F adjusts the force of the trigger. The pull weight of the trigger shoe increases as the screw is turned clockwise.

<table>
<thead>
<tr>
<th>Spring</th>
<th>Spring Wire Diameter X Length</th>
<th>Pull Weight (grams)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Stage Light</td>
<td>.19mm X 13mm</td>
<td>5 - 100</td>
</tr>
<tr>
<td>1st Stage Medium</td>
<td>.32mm X 13mm</td>
<td>100 - 250</td>
</tr>
<tr>
<td>1st Stage Heavy</td>
<td>.41mm X 13mm</td>
<td>250 - 680</td>
</tr>
<tr>
<td>2nd Stage Light</td>
<td>.25mm X 4mm</td>
<td>20 - 70</td>
</tr>
<tr>
<td>2nd Stage Medium</td>
<td>.32mm X 4mm</td>
<td>70 - 200</td>
</tr>
<tr>
<td>2nd Stage Heavy</td>
<td>.41mm X 4mm</td>
<td>200 - 400</td>
</tr>
</tbody>
</table>