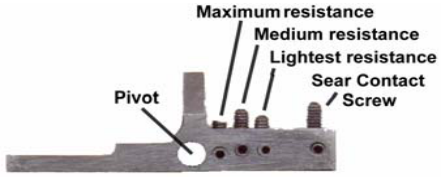
4, Second Stage Weight

The diagram below shows a close up of the sear.



The sear allows the second stage to have 3 settings light, medium and heavy. This is set by adjusting the required grub screw to make contact with the trigger after the first stage pull. The grub screw closest to the pivot will give the maximum resistance in the Second Stage, The centre grub screw will give medium resistance and the grub screw furthest from the pivot will give the lightest resistance. To make an adjustment you will need a 0.89 mm Allen key. First adjust Sear Contact Screw to touch the trigger then pull the trigger until it makes contact with chosen second weight screw. This will increase the pressure required to fire the Air Rifle. If the Air Rifle fires before 2nd stage contact is made then adjust chosen 2nd stage screw clockwise, if there is to much contact then adjust chosen second weight screw anticlockwise this will make the 2nd stage pull crisp.

5, Trigger Stop Screw

The Trigger Stop Screw is set to stop the trigger after the Air Rifle is fired. To adjust this setting a 1.5mm Allen key will be required.

6, 1st Stage Weight

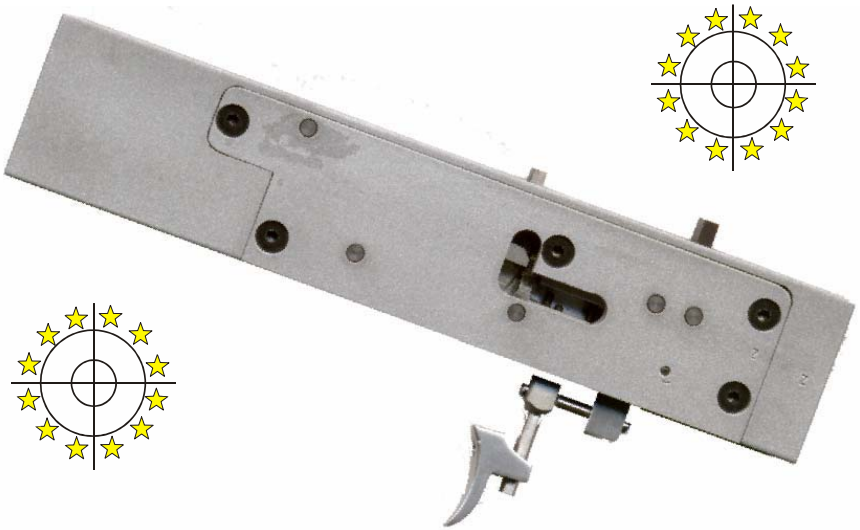
This adjustment is used to set the amount of resistance in the first stage. To adjust this setting you will need a 1.5mm Allen key. Turning the grub screw clockwise will increase the resistance to the triggers first stage pull. Turning the grub screw anti clockwise will decrease the resistance. The grub screw must not protrude below the face of the trigger housing.

7, Trigger Return Weight

This adjustment can be used to increase both the returning force for the trigger and also the amount of resistance in the first stage. This can be increased by turning the grub screw clockwise using a 1.5mm Allen key. This adjustment is at minimum setting when the grub screw is flush with the Trigger housing face.

These are precise adjustments and extreme care must be taken when they are carried out.

The DAYSTATE CR-X Match Trigger Adjustment Manual



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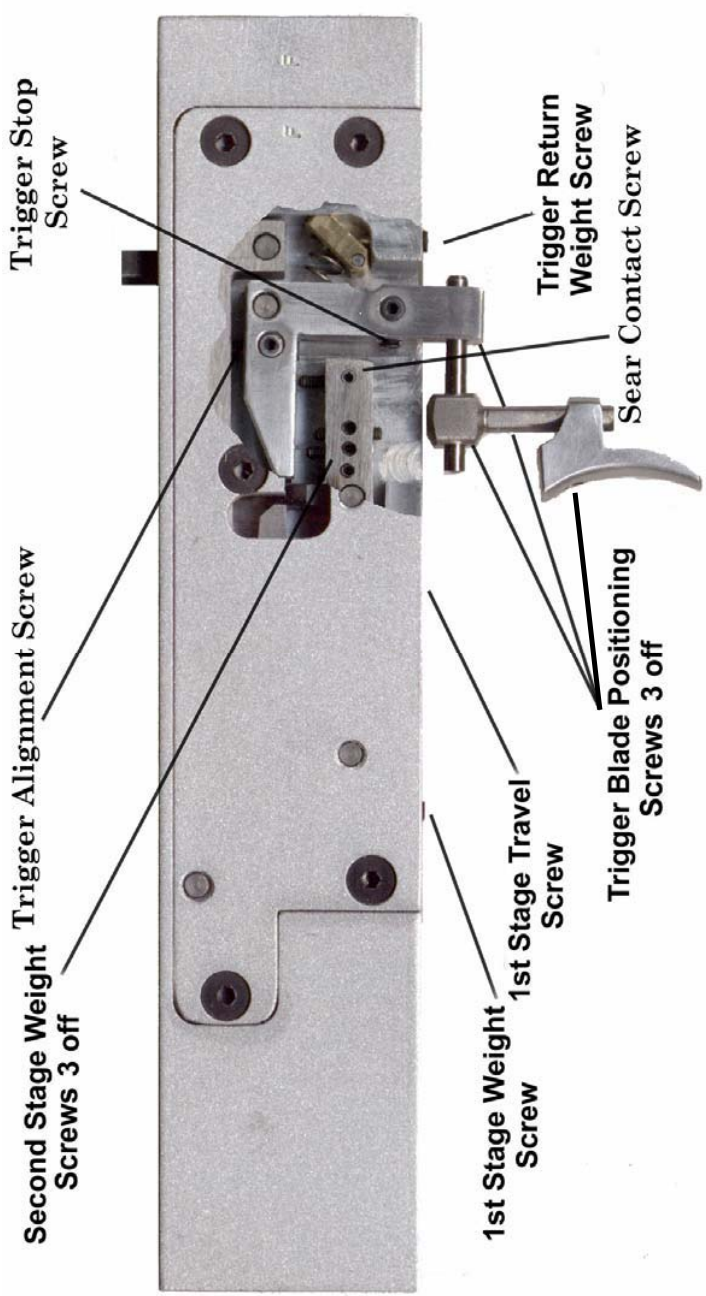

ADJUSTMENT OF THE MATCH TRIGGER

Both stages of the trigger can be fully adjusted. When the Air Rifle is cocked this sets the trigger up and ready to be fired. When the Trigger is gently pulled back it will hit a stop. This is the Triggers first stage movement. Slightly more force applied to the trigger will fire the Air Rifle. This is the Triggers second stage movement. The Diagram on the left shows all the adjustment that can be made to the trigger. These adjustments are recommended to be carried out in numerical order.

Adjustments

1, Trigger Alignment Screw

This adjustment is used to set the trigger at 90° to the face of the trigger housing. To adjust the Trigger Alignment Screw you will need a 1.5mm Allen key.

2, Sear Contact Screw

The Sear Contact Screw must make contact with the trigger at all times. If any adjustment is made to the trigger then the Sear Contact Screw may need to be adjusted so it is just in contact with the trigger. To adjust this a 0.89mm Allen key will be required.

3, 1st Stage Travel

This adjustment is used to set the amount of travel the trigger has in the first stage. To adjust this setting you will need a 1.5mm Allen key. Turning the grub screw clockwise will give the trigger less travel in the first stage (If too much adjustment is made the Air Rifle will not cock) turning the grub screw anti clockwise will give the trigger more travel. Note: If any adjustment is made to this setting then the Sear Contact Screw and Second Stage Weight Screws must also be adjusted.

NOTE
The 1.5 mm and 0.89 mm Allen keys are supplied with the Trigger unit.

Continued Over Leaf