IZH46 - IZH46M Trigger and Sight Adjustments

Sight Adjustments

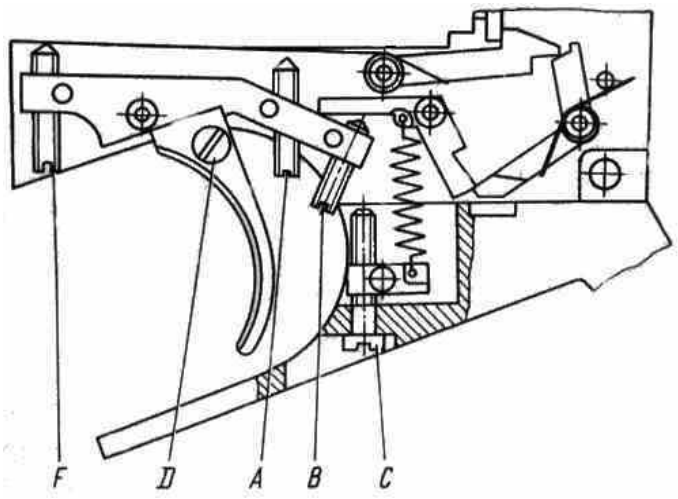
Clockwise down (towards "H" on r/h knob).
Clockwise left on l/h knob.
Very fine click adjustments, at least 3 clicks to the scoring ring.

Trigger Adjustments

Screw A = Reserve trigger creep (over travel after the shot breaks) - turn clockwise to decrease travel after the shot break.
Screw B = Final creep (second stage length) - turn clockwise to decrease sear engagement, which similar in action to pulling the trigger. Do not reduce too much.
Screw C = Trigger weight - turn clockwise to increase trigger pull. Set to no less than 500 grams (set it to 530 - just to be sure).
Screw D = Trigger shoe adjustment on bar
Screw F = First stage length - turn clockwise to decrease first stage travel. Turning the screw too far will start to apply pressure to the sear (like pulling the trigger).

Technique 1:

Tension adjust-(**screw C**) Rear **Screw**-Turn anti-clockwise until a few threads of the screw end protrude beyond block.
2nd stage- 2nd from rear-(**screw B**) Turn anti clockwise until there is no 2nd stage and then back in until there is just a hint of 2nd stage.
Overtravel- 3rd from rear-(**screw A**) turn clockwise until it won't fire. Then anti-clockwise until 1/8th turn after it does fire.
Take up- Front Screw-(**screw F**) Turn clockwise to reduce or anticlockwise to increase 1st stage travel.
Blade- The trigger blade can move fore and aft on a dovetail by slacking the pinch screw (**screw D**), moving it to your preferred position and then retightening.



Technique 2:

Turn counterclockwise, the **screw** in front of the trigger, **screw C**. Turn it back one turn. Now try to cock the pistol.
If this doesn't work, repeat this procedure with **screw B**, which is the second screw back behind the trigger.
If either of these allow the gun to cock, your trigger is out of adjustment.
If this works remove the grips by undoing the screws in the grip. You will see two holes through the receiver, behind the trigger, each about 3/8 inch in diameter. The bottom hole shows the sear point. The upper hole shows **screw B**.
Cock the pistol, you'll see the sear engage in the lower hole. Now adjust **screw C** until you obtain the desired trigger action.
If you aren't happy about the action, adjust **screw B**. But you may have to back off **screw C** to keep the sear engaged. **Screw A**, the screw immediately behind the trigger sets the post release trigger movement.
The trigger is simple, but adjustment is a bit tricky because of interaction between the screws. If you can get the gun to cock, you might as well play with it; it might save you a service call.

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