

MODEL XP-100 PISTOL - FIRE CONTROL

The trigger pull on this pistol is not adjustable. The Trigger Balance, Trigger Balance Spring and ~~the~~ Sear Block Spring all contribute to the trigger pull and proper functioning of the Trigger Link Assembly. ^{when action is cocked,} The Sear Block Spring exerts a force on the Sear Block, ^{CAUSING Sear Block} ~~which causes~~ to remain engaged with the Sear ~~when the action is cocked~~ until sufficient force is exerted on the Trigger and Trigger Link to overcome this spring. At the same time, the Trigger Balance with the help of the Trigger Balance Spring, exerts a rearward force on the Sear Block thru the Trigger Link, ^{insuring} ~~which also helps to insure~~ engagement of ^{or} ~~the~~ Sear Block.

If the action is removed from the stock, the Trigger Balance and Trigger Balance Spring, which are (located in the stock) must always be in place during the reassembly operation.

^{is designed to}
The Trigger Balance, ~~by design, is constructed such that it will also exert~~ an increased rearward force on the Trigger Link if ~~the~~ pistol is bumped or dropped on the muzzle end.

JW Brooks:T
2-15-79

*exploded view
in center of
model
NO*

IMPORTANT - The trigger balance (~~view no. 49~~) and trigger balance spring (~~view no. 50~~) are ^{IMPORTANT} ~~important~~ parts of the trigger mechanism. IF ACTION IS REMOVED FROM STOCK, THE TRIGGER BALANCE AND SPRING MUST BE REPLACED DURING RE-ASSEMBLY.

The trigger balance must be positioned centrally on its pin in the stock. This will enable top of balance to re-enter slot in trigger link easily. Make certain both receiver screws correctly re-enter metal screw escutcheon in stock and tighten action securely.

MAINTENANCE -

IMPORTANT -

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The trigger pull on this pistol is not adjustable. The Trigger Balance, Trigger Balance Spring and the Sear Block Spring all contribute to the trigger pull and proper functioning of the Trigger Link Assembly. The Sear Block Spring exerts a force on the Sear Block which causes it to remain engaged with the Sear when the action is cocked, ~~until sufficient force is exerted on the Trigger and Trigger Link to overcome this spring.~~ At the same time the Trigger Balance with the help of the Trigger Balance Spring exerts a rearward force on the Sear Block thru the Trigger Link, which also helps to insure engagement of the ^{Sear and} Sear Block.

If the action is removed from the stock the Trigger Balance and Trigger Balance Spring, which are located in the stock, must always be in place during the reassembly operation.

The Trigger Balance by design is constructed such that it will also exert an increased rearward force on the Trigger Link if the pistol is bumped or dropped on the muzzle end.

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