

SAFETY TYPES IN REMINGTON FIREARMSINTRODUCTION

The present line of Remington firearms includes three general types of safeties:

1. The cross bolt type which locks only the trigger.
2. The side lever type. This side lever type in the center fire and the M/40X rim fire rifle locks the firing pin in cocked position and also locks the bolt in the "closed" position. This side lever type in the rim fire (500 Series) locks the trigger from moving in the unsafe position. An additional safety function for the M/510 of the 500 Series permits the safety to go "on safe" as the bolt is closed. The safety must be thumb operated manually on the other models of the 500 Series.
3. A rotary bolt cap type of safety locks the firing pin in the cocked position for the M/514.

SPECIFICATION DETAILSCross Bolt Safety

|              |                                                                              |                            |                     |
|--------------|------------------------------------------------------------------------------|----------------------------|---------------------|
| Models Used  | 11-48<br>870<br>572                                                          | Sportsman-48<br>740<br>552 | Sportsman-58<br>760 |
| Movement     | Across and return                                                            |                            |                     |
| Operation    | Trigger finger                                                               |                            |                     |
| Position     | In trigger guard at rear of trigger                                          |                            |                     |
| On Safe      | Blocks trigger movement                                                      |                            |                     |
| Fire         | Trigger free to connect and fire                                             |                            |                     |
| Markings     | Red indicator band visible in fire position -- not visible on safe position. |                            |                     |
| Availability | Right and left hand shooters                                                 |                            |                     |
| Assembly     | Interchangeable and a common part for all models                             |                            |                     |

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Side Lever Safety

|                    |                                                                                                                                                             |     |     |     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|
| <b>Models Used</b> | 721                                                                                                                                                         | 722 | 725 | 40X |
| <b>Location</b>    | Rear of receiver                                                                                                                                            |     |     |     |
| <b>Position</b>    | Assembled to trigger housing                                                                                                                                |     |     |     |
| <b>Function</b>    | Holds firing pin in cocked position and locks bolt closed. The M/725 safety has a third function which permits the bolt to unlock in the "closed" position. |     |     |     |
| <b>Motion</b>      | Thumb operated forward and back                                                                                                                             |     |     |     |
| <b>Markings</b>    | "S" (Safe position), and "F" (Fire position). These markings are on the M/725 only.                                                                         |     |     |     |
| <b>Assembly</b>    | Interchangeable                                                                                                                                             |     |     |     |
| <b>Function</b>    | Supports sear on "safe" position and locks bolt in closed position.                                                                                         |     |     |     |

Side Lever Safety (Trigger Block)

|                    |                                                                                                                                                                     |            |     |     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|-----|
| <b>Models Used</b> | 510<br>521                                                                                                                                                          | 511<br>550 | 512 | 513 |
| <b>Location</b>    | Rear of receiver                                                                                                                                                    |            |     |     |
| <b>Motion</b>      | Thumb operated forward and return                                                                                                                                   |            |     |     |
| <b>Function</b>    | Locks trigger movement                                                                                                                                              |            |     |     |
| <b>Marking</b>     | Red indicator spot on receiver for "fire" position. Not visible in "on safe" position. Red indicator also appears visible at end of bolt when firing pin is cocked. |            |     |     |
| <b>Assembly</b>    | Interchangeable                                                                                                                                                     |            |     |     |

Safety Types in Remington Firearms

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Rotary Bolt Cap

|             |                                                                                 |
|-------------|---------------------------------------------------------------------------------|
| Models Used | 514 only                                                                        |
| Motion      | Over and back                                                                   |
| Location    | On rear of bolt                                                                 |
| Function    | Blocks trigger movement                                                         |
| Markings    | Red indicator visible in "fire" position.<br>Not visible in "on safe" position. |

In addition to the safety component itself and its functions, there are different safety features in the model groups that are considered as built into the design. In particular this applies to the cross bolt type. The models which are designed for the cross bolt safety cannot be fired unless the action is fully closed and locked to the breach of the barrel. The design of the fire control has a disconnection feature which isolates the "cocked" hammer and sear from the trigger.

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