



# PRODUCT INNOVATION & SAFETY

Ruger's core values of Integrity, Respect, Innovation and Teamwork are top of mind for the Company's management team and naturally flow into all that we do. Over the years, the Company has been awarded hundreds of patents for its new inventions, many of which relate to firearm safety innovations.

## PRODUCT DESIGN AND DEVELOPMENT

Product innovation and safety begin with a dedicated design team focused on creating rugged, reliable, safe firearms that our customers will enjoy for years to come. While our design process is focused on delivering innovative firearms with features that customers desire, it has the twin goal of carefully developing safe and robust products. Our team of product engineers devotes countless hours to ensuring product safety through extensive product testing.



We build product safety testing into the manufacturing process. This includes proof testing all centerfire firearms and function testing every firearm before it leaves our factory.



Proof testing involves firing specialized ammunition designed to generate roughly one and a half times typical maximum operating pressures. This process helps ensure that the firearm is strong enough to withstand normal operating pressures, plus a margin of safety.



Function testing involves firing a specified amount of ammunition to ensure the firearm will operate reliably and without malfunction, out of the box.



# PRODUCT INNOVATION & SAFETY

Product innovation also includes developing and incorporating reliable, effective safety mechanisms into our products. Because many consumers have strong preferences surrounding the particular safety devices incorporated into their firearm of choice, we offer a variety of products to suit particular consumer tastes and legal mandates.

## MANUAL SAFETIES

Most Ruger pistols and rifles are manufactured with an external manual safety mechanism that helps guard against accidental discharge. These mechanisms require the user to disengage the manual safety before use. In most instances, when the safety mechanism is placed in the "fire" position, a red display is visible, requiring the user to disengage the manual safety before use.

### PISTOLS:

# 76%

**OF ALL RUGER CATALOG  
PISTOLS INCLUDE AN  
EXTERNAL MANUAL SAFETY**



### RIFLES:

# 100%

**OF ALL RUGER CATALOG  
RIFLES INCLUDE AN  
EXTERNAL MANUAL SAFETY**



While revolvers do not typically have the same type of manual safety found on pistols, numerous safety mechanisms are built into these firearms to help guard against accidental discharge. Depending on the specific design involved, these safety mechanisms can include the weight of the trigger pull, an internal hammer block, transfer bar and loading gate interlock.

## SECURE ACTION FIRE-CONTROL SYSTEM

Many recently introduced Ruger pistols include our Secure Action fire-control system, which combines a protected internal hammer with a bladed-safety trigger. The trigger has a short, smooth pull, clean break and positive reset. Features include an integrated trigger safety, lightweight firing pin, neutrally balanced sear with significant engagement and strong spring tension and hammer catch to help prevent the hammer from contacting the firing pin unless the trigger is pulled.



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## TRANSFER BAR MECHANISMS



The transfer bar and loading gate interlock provide an unparalleled measure of security against accidental discharge if the user fails to take basic safety precaution of keeping the hammer down, over an empty chamber.

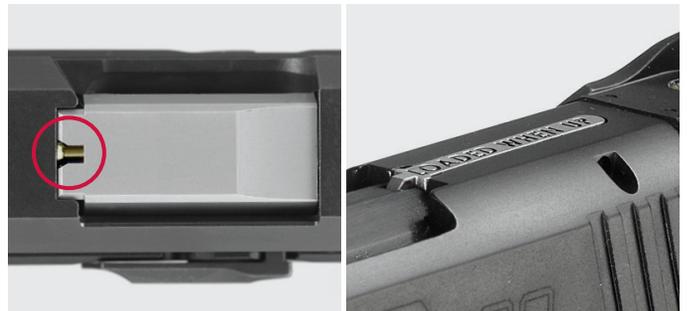
## MAGAZINE DISCONNECTS

This internal device prevents the firearm from discharging if a cartridge remains in the chamber when the magazine is removed.

## INTEGRATED SAFETY MECHANISMS

Integrated safety mechanisms are built into the design of the pistol and operate passively to guard against accidental discharge. These include devices such as a loading gate interlock (which prevents the loading gate from opening when the hammer is cocked on single-action revolvers), triple-locking cylinder (which provides superior barrel-cylinder alignment), hammer or striker blockers (which prevent the hammer or striker from contacting the firing pin unless the trigger is pulled) and trigger safeties (which require the user to intentionally pull the trigger to discharge the firearm).

## LOADED CHAMBER INDICATORS



The loaded chamber indicator allows the user to quickly and easily verify if a cartridge is in the chamber, helping to guard against accidents that can occur if the user forgets the first rule of firearm safety: **TREAT EVERY FIREARM AS IF IT IS LOADED.**

All of these safety mechanisms guard against potential accidents that can occur if the user forgets the basic rules of firearm safety:

1

**ALL GUNS ARE ALWAYS LOADED.**

2

**ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**

3

**KEEP YOUR FINGER OFF THE TRIGGER UNTIL YOUR SIGHTS ARE ON TARGET.**

4

**ALWAYS BE AWARE OF YOUR TARGET AND BACKSTOP.**

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## IN THE BOX

As an industry leader in product safety and innovation, Ruger is dedicated to providing safety resources to consumers.

Each product box contains important warnings, safety messages and suicide prevention materials from partner organizations. In addition to building safety into every firearm it manufactures, Ruger recognizes that fundamentally, safety lies with each and every firearm owner. Ruger reminds consumers of this obligation in the first pages of every instruction manual and directs consumers to review the manual via warnings printed on the box and also marked on the firearm itself.

Ruger also helps its consumers be responsible firearm owners by offering safety resources in the instruction manual and at [Ruger.com/Safety](http://Ruger.com/Safety), offering new shooter resources on its website, reminding consumers of the importance of gun handling safety, recommending consumers seek professional firearms training and providing firearm locking devices.

**FIREARMS SAFETY IS YOUR RESPONSIBILITY**  
**SAFETY MUST BE THE FIRST AND CONSTANT CONSIDERATION OF EVERY PERSON WHO HANDLES FIREARMS AND AMMUNITION.**

This instruction manual is designed to assist you in learning how to use and care for your **RUGER® LGP®** properly. Please contact us if you have any questions.

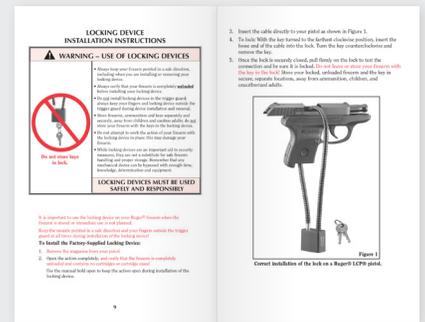
Only when you are certain you fully understand the manual and can properly carry out its instructions should you practice loading, unloading, etc. with live ammunition. If you have any doubts about your ability to handle or use a particular type of firearm safely, you should seek supervised instruction. Such personalized instruction often is available from local firearm retailers, gun clubs or police departments. If none of these sources can help, visit [nra.org](http://nra.org) or write to the following address:

National Rifle Association  
11250 Maple Hill Road  
Fairfax, VA 22030-7400

The person possessing a firearm has a full-time job. You cannot guess; you cannot forget. You must know how to use your firearm safely. Do not use any firearm without having a complete understanding of its particular characteristics and safe use. Remember: There is no such thing as a foolproof firearm.

## INSTRUCTION MANUALS

Ruger instruction manuals ship in the box and are available for download at [Ruger.com](http://Ruger.com). Each manual contains general firearm safety information, like the rules of gun handling safety and information about training resources. It also contains product-specific information, like ammunition and caliber warnings, specific operating and safety characteristics of the particular firearm and careful instruction on how to safely load, unload and operate the product.



## CHAMBER FLAGS

Ruger includes reusable chamber flags in all newly manufactured firearms. When properly installed, this small, yet important tool indicates that the firearm is unloaded.



## "OLD MODEL" CONVERSION KIT SAFETY NOTICE

In each firearm box, Ruger includes an "Old Model" Conversion Kit safety notice. After over four decades, Ruger still actively reminds customers of this free safety conversion in which owners of Ruger "Old Model" single-action revolvers can have a transfer bar safety mechanism installed, free of charge. The transfer bar provides a measure of safety to help guard against accidental discharge in the event the user fails to follow the simple instruction of keeping an empty chamber under the hammer.



## LOCKING DEVICE

In 1987, long before it was required by federal law, Ruger pioneered the practice of shipping gun locks with its pistols. Ruger has been including locking devices with all new guns sold since 1998. Since then, we have shipped over 25 million locks.

