

# LDR FUSION .22LR BARRELED RECEIVER SYSTEM - GREY BIRCH SOLUTIONS LDR FUSION 22 LONG RIFLE 12.5" BARRELED RECEIVER

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The Grey Birch Solutions LDR Fusion Barreled Receiver System has the same footprint as the legendary 10/22™, but that is where the similarities end. The Fusion Receiver System (FRS) is a 10/22® compatible threaded barrel system that offers increased stability for consistent and accurate shooting. Threading the barrel and receiver into a single unit overcomes a significant flaw found in most semi auto rimfire rifles. The barrel is typically levered in place with either a v-block or grub screw. The disadvantage of using a v-block to attach the barrel to the receiver is a loss of elevation or windage due to tolerance differences between the barrel and receiver, allowing the barrel to shift. This is what is known as barrel droop. The result of barrel droop is a loss of accuracy and consistency of accuracy. The Grey Birch Fusion Receiver System (FRS) solves this problem, ensures perfect alignment between the receiver and barrel, allowing the shooter to achieve bolt action like accuracy consistently. The LDR, or Long Distance Ready, has an integrated 20 MOA Picatinny rail machined into the top of the receiver ready to mount the optic of your choosing. The 16.1" barrel has a carbon fiber wrap over a 416 stainless steel liner. The muzzle is threaded ½-28. The receiver itself comes stripped with only the barreled attached and is made from 6061 aluminum with a hard clear anodized finish. The Fusion System is assembled with job specific tools to ensure proper fitment and to ensure the correct headspace. Trying to remove the barrel will likely result in damage to the components and will void warranty on your Fusion. The Fusion Receiver System is compatible with most 10/22® accessories. Some minimal modification to the stock may be required in some cases.



## Attributes

- Name: [GREY BIRCH SOLUTIONS LDR FUSION 22 LONG RIFLE 12.5" BARRELED RECEIVER](#)
- Manufacturer: [GREY BIRCH SOLUTIONS](#)
- Product no.: 430106172
- Mfr. No.: FUSION-P
- Action Type: Semi-Auto
- Barrel Length: 12.5"
- Capacity: 0-Round
- Cartridge: 22 Long Rifle
- Contour: Standard
- Finish: Anodized
- Mag Capacity: NA
- Model: 10/22
- Muzzle Diameter: NA
- OAL: NA
- Twist Rate: 1-16
- Weapon type: Ruger
- Weight: NA
- Delivery weight: 0.68kg
- Shipping height: 83mm

- Shipping width: 83mm
- Shipping length: 641mm
- UPC: 850052452247

## **Item details**

Made in USA

US export classification: 0A509.b

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# Safety Instruction Guide for LDR FUSION .22LR BARRELED RECEIVER SYSTEM

## Introduction

Thank you for choosing the LDR Fusion .22LR Barreled Receiver System from Grey Birch Solutions. This guide provides essential safety information, usage instructions, and disposal guidelines to ensure your safe and effective use of this product. Please read the entire guide carefully before using the product.

## General Safety Guidelines

- **Product Safety:** Always ensure the product is used according to the instructions provided. This product is designed for safe use; however, improper handling can lead to accidents.
- **Enhanced Recalls:** Stay informed about any recalls related to this product. If you receive notice of a recall, follow the instructions provided for returning or exchanging the product.
- **Online Shopping:** If purchased online, ensure the seller complies with safety requirements. Verify the product's authenticity and safety certifications.
- **Special Consumer Focus:** This product is not intended for use by children. Keep it out of reach of minors to prevent accidents.
- **EU Contact Point:** For safety inquiries, refer to the provided contact information specific to your region.
- **Rapid Alerts:** Monitor the EU Safety Gate platform for updates regarding product safety and potential hazards.

## Specific Safety Precautions for Use

- **Handling:** Always handle the barreled receiver system with care. Avoid dropping or striking it against hard surfaces.
- **Installation:** Ensure the installation is performed by a qualified individual. Improper installation can lead to malfunction or injury.
- **Ammunition:** Use only the specified .22 Long Rifle ammunition. Other types of ammunition can cause damage or injury.
- **Inspection:** Regularly inspect the receiver and barrel for any signs of wear or damage. Do not use the product if any issues are detected.
- **Shooting Range:** Always shoot at a designated shooting range or safe area. Ensure the area is free from unauthorized personnel.
- **Protective Gear:** Wear appropriate protective gear, including eye and ear protection, while using this product.
- **Storage:** Store the product in a secure location, preferably locked, to prevent unauthorized access.

## Instructions for Installation and Usage

### Installation Instructions

1. **Preparation:** Read the manufacturer's manual thoroughly before installation.
2. **Tools Required:** Gather all necessary tools, including screwdrivers and wrenches.
3. **Mounting the Barrel:**
  - Align the barrel with the receiver.
  - Secure the barrel using the provided screws, ensuring a tight fit.
4. **Optic Installation:**
  - Attach your chosen optic to the integrated 20 MOA Picatinny rail.
  - Ensure the optic is securely mounted and properly aligned.
5. **Final Check:** Doublecheck all connections and fittings to ensure everything is secure before use.

## Usage Instructions

1. **Loading:** Load the .22 Long Rifle ammunition into the magazine according to the manufacturer's guidelines.
2. **Shooting:**
  - Ensure the shooting area is clear.
  - Aim at the target and ensure a safe backdrop.
  - Pull the trigger gently and follow through with your aim.
3. **PostUse:** After shooting, unload the firearm and clean the receiver and barrel as per the maintenance instructions.

## Disposal Instructions

- **Disposal of the Product:** When the product has reached the end of its life cycle, dispose of it in accordance with local regulations regarding hazardous materials.
- **Recycling:** If applicable, consider recycling metal components at a certified recycling facility.
- **Environmental Considerations:** Do not dispose of the product in regular household waste. Follow local guidelines for the disposal of firearms and ammunition.

## Contact Information for Further Support

For any questions or concerns regarding the LDR Fusion .22LR Barreled Receiver System, please refer to the contact information provided with your product packaging or visit the manufacturer's website for support resources.

Thank you for your attention to these safety guidelines. Enjoy your shooting experience with the LDR Fusion .22LR Barreled Receiver System responsibly and safely.

# About Us

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