

[Manuals.plus](#) /

> [Caldwell](#) /

> Caldwell Stinger Adjustable Ambidextrous Rifle Shooting Rest Instruction Manual

Caldwell 110033

Caldwell Stinger Adjustable Ambidextrous Rifle Shooting Rest Instruction Manual

Brand: **Caldwell** | Model: **Stinger Shooting Rest (Model 110033)**

1. INTRODUCTION AND OVERVIEW

The Caldwell Stinger Adjustable Ambidextrous Rifle Shooting Rest is engineered to provide exceptional stability and precision for rifle shooting. Its robust design and intuitive adjustments aim to minimize human error, allowing shooters to achieve optimal accuracy during sighting in or target practice. The ambidextrous nature ensures comfortable use for both left-handed and right-handed individuals.



Figure 1: The Caldwell Stinger Adjustable Ambidextrous Rifle Shooting Rest. This image displays the full assembly of the shooting rest, highlighting its sturdy frame and padded rifle supports.

2. PRODUCT FEATURES

- **Adjustable Design:** Features a "no wobble" elevation system, cam-over front rest locks, and a rack and pinion front elevation system for precise adjustments.
- **Ambidextrous Use:** Designed for comfortable and effective use by both left-handed and right-handed shooters.
- **Durable Construction:** Built with a rigid steel tube frame and non-marring material on contact points to protect your firearm.
- **Dual Frame Design:** Accommodates rifles with detachable magazines and lever-action guns, enhancing versatility.
- **Easy Adjustment Knobs:** Conveniently placed knobs allow for quick and effortless adjustments without removing the firearm.
- **Padded Rests:** Both front and rear rests are padded to securely hold the firearm and prevent damage.



Figure 2: Detail of the front rest. This image shows the textured, non-marring material of the front cradle, designed to securely hold the rifle's forend.

3. SETUP

1. **Unpack and Inspect:** Carefully remove the shooting rest from its packaging. Inspect all components for any signs of damage.

2. **Placement:** Place the shooting rest on a stable, flat surface, such as a shooting bench. Ensure all four feet are firmly on the surface to prevent wobbling.
3. **Initial Adjustments:**
 - Loosen the adjustment knobs on both the front and rear sections.
 - Adjust the height of the front and rear rests to a preliminary position that will accommodate your rifle.
 - Tighten the knobs to secure the initial height settings.
4. **Familiarization:** Before placing a firearm, familiarize yourself with the adjustment mechanisms. The front rest uses a rack and pinion system for elevation, while the rear rest has a fine elevation adjustment screw.



Figure 3: A rifle positioned on the shooting rest. This image demonstrates how the rifle sits securely in both the front and rear cradles, ready for adjustment.

4. OPERATING INSTRUCTIONS

1. **Secure the Firearm:**
 - Ensure the firearm is unloaded and safe before placing it on the rest.
 - Place the rifle's forend into the front V-shaped cradle and the buttstock into the rear cradle. The dual frame design allows clearance for detachable magazines.
2. **Adjust Front Elevation:**
 - Use the large knob located at the front of the rest to adjust the vertical elevation of the front cradle. Turn clockwise to raise, counter-clockwise to lower.
 - The rack and pinion system provides smooth and precise height adjustments.
3. **Adjust Rear Elevation/Gun Fit:**
 - The rear rest features a fine elevation adjustment screw. Turn this knob to make small vertical adjustments to the buttstock's position.
 - This adjustment also contributes to the overall gun fit, ensuring the rifle is level and stable.
4. **Locking Mechanisms:**
 - Once the desired position is achieved, ensure all cam-over front rest locks and adjustment knobs are securely

tightened to prevent any movement during shooting.

5. **Ambidextrous Operation:** The design allows for easy access to adjustment points from either side, making it suitable for both left and right-handed shooters.



Figure 4: Adjusting the rear elevation. This image shows a hand turning the knob for fine elevation adjustments at the rear of the rest.



Figure 5: Adjusting the front rest with a rifle. This image illustrates the ease of adjusting the front elevation while the rifle remains in position on the rest.

5. MAINTENANCE

- **Cleaning:** After each use, wipe down the metal frame with a clean, dry cloth to remove any dust, dirt, or moisture. For stubborn grime, a damp cloth with mild soap can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a small amount of light lubricant to the adjustment screws and moving parts to ensure smooth operation. Avoid over-lubricating.
- **Storage:** Store the shooting rest in a dry environment to prevent rust and corrosion. While the product is designed for durability, proper storage extends its lifespan.
- **Inspection:** Regularly inspect the non-marring pads for wear or damage. Ensure all bolts and fasteners are tight. Tighten if necessary.

6. TROUBLESHOOTING

- **Rest Wobbles:**
 - Ensure the shooting surface is flat and stable.
 - Verify that all four feet of the rest are making firm contact with the surface. Adjust the feet if necessary.
 - Check that all adjustment knobs and cam-over locks are fully tightened.
- **Difficulty Adjusting Height:**
 - Ensure the locking mechanisms are fully disengaged before attempting to adjust.
 - Clean any debris from the rack and pinion system or adjustment screws.
 - Apply a small amount of lubricant to the moving parts if they feel stiff.
- **Rifle Not Stable in Cradles:**
 - Confirm the rifle is properly seated in both the front and rear padded cradles.
 - Ensure the non-marring material on the cradles is clean and free of oils or residues that could reduce grip.

7. SPECIFICATIONS

Feature	Detail
Dimensions (L x W)	29 inches L x 13 inches W
Front Elevation Adjustment	3 inches
Gun Fit Adjustment	3.5 inches
Minimum Height	8 Inches
Maximum Height	13 Inches
Item Weight	11 Pounds
Material (Frame)	Aluminum (Rigid Steel Tube Frame)
Grip Material	Rubber (Non-marring)
Leg Style	Tripod
Model Number	110033
UPC	661120000402

8. WARRANTY AND SUPPORT

The Caldwell Stinger Adjustable Ambidextrous Rifle Shooting Rest is covered by a **Limited Lifetime Warranty** provided by Caldwell. This warranty ensures that your product is free from defects in materials and workmanship under normal use. For warranty claims, technical assistance, or any product-related inquiries, please contact Caldwell customer service. Refer to the official Caldwell website or product packaging for the most current contact information. For additional resources and product information, you may visit the [Caldwell Store on Amazon](#).