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Rawlings MACH AI (RUS4MC10-28)

Rawlings MACH AI Baseball Bat User Manual

Model: **MACH AI (RUS4MC10-28)**

For optimal performance and longevity of your Rawlings MACH AI Baseball Bat.

1. Product Overview

The Rawlings MACH AI Baseball Bat is engineered for superior performance, featuring a one-piece hybrid construction and advanced Generative AI Technology. This bat is designed to provide a balanced swing weight and optimized stiffness for enhanced hitting performance.



Image 1.1: The Rawlings MACH AI Baseball Bat, showcasing its sleek design and hybrid construction.

Key Features:

- **One-Piece Hybrid Construction:** Lightweight and balanced swing weight with optimized stiffness for enhanced performance.
- **RED ALLOY+:** Built with the most responsive aerospace grade alloy, delivering exceptional performance and durability with thin walls for maximum performance.
- **Generative AI Technology:** Patent-pending AI Generated inner wall variations fine-tune the entire bat, providing maximum performance across the entire barrel.
- **Optimized Swing Weight:** Pure velocity carbon composite material optimizes the swing weight, while elongating the sweet spot for improved hitting performance.
- **REVGrip:** Premium grip material with unmatched tackiness and cushioning for a comfortable and secure grip.
- **Certification:** USA Baseball certified.

2. Setup

The Rawlings MACH AI Baseball Bat comes ready for immediate use. No assembly is required. Before first use, inspect the bat for any visible damage.

Initial Inspection:

1. Remove the bat from its packaging.
2. Examine the barrel for any dents, cracks, or deformities.
3. Check the grip for any tears, looseness, or signs of wear.
4. Ensure the end cap is securely attached and shows no signs of separation.
5. Verify the bat's certification mark (USA Baseball) is clearly visible.



Image 2.1: Close-up view of the bat's grip and barrel, highlighting the REVGrip and barrel design.

3. Operating Instructions

This bat is designed for baseball play under USA Baseball regulations. Proper technique and care will maximize its performance and lifespan.

Batting Guidelines:

- **Batting Cage Use:** When using in batting cages, ensure the balls are regulation baseballs. Avoid using dimpled cage balls as they can cause premature wear or damage.
- **Temperature:** For optimal performance and durability, avoid using the bat in temperatures below 50°F (10°C). Cold weather can make bats more susceptible to cracking.
- **Rotation:** Rotate the bat a quarter turn with each swing to distribute contact points evenly around the barrel. This helps extend the bat's lifespan and maintain performance.
- **Proper Contact:** Aim to make contact with the ball on the sweet spot of the barrel for maximum power and to prevent damage from mis-hits.



Image 3.1: The Rawlings MACH AI Baseball Bat positioned on a baseball field, ready for play.

4. Maintenance

Regular maintenance will help preserve the condition and performance of your Rawlings MACH AI Baseball Bat.

Cleaning and Storage:

- **Cleaning:** After each use, wipe down the bat with a damp cloth to remove dirt, dust, and sweat. Avoid using harsh chemicals or abrasive cleaners.
- **Drying:** Ensure the bat is completely dry before storing it.
- **Storage:** Store the bat in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing it in car trunks or garages where temperatures can fluctuate significantly.
- **Grip Care:** If the REVGrip becomes dirty or loses tackiness, gently clean it with a mild soap and water solution, then allow it to air dry completely.

Inspection Schedule:

Periodically inspect your bat for signs of wear or damage:

- **Before Each Game/Practice:** Quick visual check for cracks, dents, or loose end cap/knob.
- **Monthly:** Thorough inspection of the barrel, taper, handle, grip, end cap, and knob. Look for any structural integrity issues.

5. Troubleshooting

If you encounter any issues with your Rawlings MACH AI Baseball Bat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Reduced Performance / Dead Spot	Internal damage; excessive use; cold weather use.	Inspect for visible damage. If none, performance degradation may indicate internal issues. Contact Rawlings customer support if within warranty.
Cracks or Dents on Barrel	Impact with non-regulation balls (e.g., dimpled cage balls); cold weather use; manufacturing defect.	Discontinue use immediately. This indicates structural failure. Contact Rawlings customer support for warranty claim.
Loose or Peeling Grip	Normal wear and tear; improper storage; excessive moisture.	Clean the grip. If peeling, consider re-wrapping the grip or contacting Rawlings for replacement options.
Rattling Sound Inside Bat	Loose debris or internal components.	This may indicate internal damage. Discontinue use and contact Rawlings customer support.

6. Specifications

Detailed specifications for the Rawlings MACH AI Baseball Bat (28 Inch model):

Feature	Detail
Model Name	Mach AI
Part Number	RUS4MC10-28
Size	28 Inch
Drop Weight	-10
Barrel Diameter	2 5/8"
Construction	One-Piece Hybrid
Material	RED ALLOY+ / Pure Velocity Carbon Composite
Grip Material	REV Grip
Color	Grey/Red
Certification	USA Baseball

Feature	Detail
Product Dimensions (LxW)	28"L x 2.63"W
Item Package Weight	0.54 Kilograms
UPC	083321851407

7. Warranty & Support

Warranty Information:

The Rawlings MACH AI Baseball Bat comes with a**1-Year Manufacturer's Limited Warranty**. This warranty covers manufacturing defects from the date of purchase. It does not cover normal wear and tear, abuse, or damage caused by improper use (e.g., hitting non-regulation balls, use in cold weather).
For full warranty details and to register your product, please visit the official Rawlings website or refer to the warranty card included with your purchase.

Customer Support:

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Rawlings Customer Support:

- **Website:** www.rawlings.com
- **Phone:** Refer to the Rawlings website for current contact numbers.
- **Email:** Refer to the Rawlings website for current contact email.

Please have your bat's model number (RUS4MC10-28) and proof of purchase ready when contacting support.

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