

Atomic M Tech 80

Atomic M Tech 80 Ski Boots User Manual

Model: M Tech 80

INTRODUCTION

The Atomic M Tech 80 is a versatile all-mountain ski boot designed to offer a balance of value and performance. Its adaptable features ensure a comfortable and precise fit for various calf shapes and foot volumes, making it suitable for a wide range of skiers.

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Atomic M Tech 80 ski boots to ensure optimal performance and longevity.

PRODUCT OVERVIEW



Figure 1: Side view of the Atomic M Tech 80 ski boot, showcasing its black, red, and translucent design with four buckles and a power strap.

The M Tech 80 features Atomic's Adaptable Fit System (AFS), allowing for precise adjustments to the cuff and ramp angle. The ASY Sport T1 liner provides anatomical fit, warmth, and comfort with its velvet max lining and neoprene toe box. The boot is secured with RS Alu buckles.

SETUP AND ADJUSTMENTS

1. Adaptable Fit System (AFS) - Calf Adjustment

The AFS allows you to adjust the cuff of the boot to accommodate different calf shapes. This system can reduce the cuff height by 10mm, which in turn increases the circumference by 8mm, providing more space for higher calf volumes.

- **To increase calf volume:** Locate the adjustment mechanism on the rear of the cuff (refer to boot diagram if available). Follow the instructions to lower the cuff height by 10mm.
- **To decrease calf volume:** Reverse the process to raise the cuff height.

2. Adaptable Fit System (AFS) - Ramp Angle Adjustment

The AFS also allows adjustment of the boot's ramp angle by 1° either up or down. This alters the volume fit of the boot, providing a higher or lower volume as needed.

- **To adjust ramp angle:** The adjustment mechanism is located on the baseboard of the boot. Consult the markings or specific instructions on the boot for precise manipulation to achieve your desired ramp angle.

3. Liner Customization (ASY Sport T1)

The ASY Sport T1 liner is thermoformable in the heel and Achilles area. This allows for a more personalized and snug fit around these critical areas.

- **Thermoforming:** For optimal fit, it is recommended to have this process performed by a certified ski boot technician. They can heat the liner and mold it to the contours of your foot and ankle.
- **Initial Fit:** Even without thermoforming, the asymmetrical shape and neoprene toe box provide a comfortable and adaptive fit.

OPERATING YOUR SKI BOOTS

1. Putting On Your Boots

1. Ensure all buckles are unlatched and the power strap is loosened.
2. Pull the tongue of the liner forward and outward to create an opening.
3. Slide your foot into the boot, ensuring your heel is seated firmly at the back.
4. Tap your heel on the ground a few times to fully seat your foot.

2. Buckling Your Boots (RS Alu Buckles)

The M Tech 80 features durable RS Alu buckles. Proper buckling ensures support and control.

1. Start with the buckles over the instep (second from bottom). Cinch them until snug, but not overly tight.
2. Move to the cuff buckles (top two). These should be tightened to provide firm support around your shin and calf.
3. Finally, secure the toe buckle (bottom one) to prevent foot movement within the boot.
4. Adjust the power strap at the top of the cuff for additional support and to prevent shin bang.
5. **Important:** Buckles should be snug enough to hold your foot securely without causing pressure points or discomfort. Adjust as needed throughout the day.

3. Taking Off Your Boots

1. Unlatch all buckles and loosen the power strap.
2. Pull the tongue forward and outward, then slide your foot out.

MAINTENANCE AND CARE

- **Drying:** After each use, unbuckle your boots and remove the liners if possible. Allow them to air dry completely in a warm, dry place away from direct heat sources (like radiators or open flames). This prevents odor and prolongs liner

life.

- **Cleaning:** Wipe down the exterior of the boots with a damp cloth to remove dirt, snow, and salt. Do not use harsh chemicals.
- **Storage:** When storing your boots for extended periods (e.g., off-season), buckle them loosely. This helps maintain the boot's shape and prevents deformation. Store them in a cool, dry place away from direct sunlight.
- **Buckle Inspection:** Periodically check all buckles and straps for wear, damage, or loose screws. Replace any damaged components promptly.
- **Liner Care:** If liners are removable, they can be hand-washed with mild soap and air-dried. Do not machine wash or tumble dry.

TROUBLESHOOTING

- **Discomfort/Pressure Points:**
 - Ensure buckles are not overtightened.
 - Re-evaluate AFS calf and ramp angle adjustments.
 - Consider professional thermoforming of the liner for a custom fit.
 - Check for proper sock thickness and fit.
- **Cold Feet:**
 - Ensure liners are dry before use.
 - Wear appropriate ski socks (wool or synthetic, not cotton).
 - The neoprene toe box in the ASY Sport T1 liner is designed to improve toe warmth.
- **Loose Fit/Lack of Control:**
 - Tighten buckles progressively, starting from the instep and moving up.
 - Ensure the power strap is snug.
 - Verify that the AFS ramp angle is set to provide a snug volume fit.

SPECIFICATIONS

Feature	Description
Model	Atomic M Tech 80
Brand	Atomic
Liner	ASY Sport T1 (Asymmetrical shape, velvet max lining, neoprene toe box, thermoformable heel/Achilles)
Buckles	RS Alu
Fit System	Adaptable Fit System (AFS) for calf and ramp angle adjustment
Calf Adjustment	Cuff height adjustable by 10mm (8mm circumference increase)
Ramp Angle Adjustment	Adjustable by 1° (up or down)
First Available	April 9, 2014

WARRANTY AND SUPPORT




For detailed warranty information regarding your Atomic M Tech 80 ski boots, please refer to the official Atomic website or the warranty card included with your purchase. Warranty terms and conditions may vary by region and retailer.





For technical support, spare parts, or service inquiries, please contact Atomic customer service or visit their official website:

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Related Documents - M Tech 80

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