



***GR* 98 II**



USER MANUAL

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THANK YOU

for selection of ski-mountaineering binding GRIZZLY.SKI.

We appreciate your decision and wish you fully-fledged experience when using it.

In your own interest and for your safety, please read and follow the following warnings and instructions carefully.

GENERAL WARNINGS AND SAFETY INSTRUCTIONS

FOR YOUR OWN SAFETY, PLEASE READ THE INCLUDED WARNINGS AND INSTRUCTIONS CAREFULLY BEFORE USING.

KEEP THIS USER MANUAL CAREFULLY. IN CASE OF DOUBTS, CONTACT AN AUTHORIZED SELLER.

WARNING

GRIZZLY.SKI bindings are developed and manufactured primarily for ski mountaineering competitions or training for competitions. The performance profile required from this product can affect the safety characteristics of the product.

GRIZZLY.SKI bindings DO NOT MEET ANY DIN / ISO SAFETY STANDARDS. In particular, they do not comply with the safety standards DIN / ISO 11088 and DIN / ISO 13992.

GRIZZLY.SKI bindings are made and tested in combination with ski mountaineering boots equipped with standard "TECH INSERTS" in perfect condition and original dimensions. The use of ski mountaineering boots with non-standard and / or worn "TECH INSERTS" may change the functional performance of the binding.

The GR 98 II binding is not equipped with adjustable release systems. These are pre-calibrated to fixed values by the manufacturer. The binding is offered in 2 different release force values: 8 and 10. The selection of the most suitable release value is chosen based on the physical and performance characteristics of the user.

The user of the binding consciously accepts all responsibility arising from the use of GRIZZLY.SKI products. The user of the binding releases GRIZZLY.SKI from any liability for any damage caused to himself or third parties by the use of the product.

Ski mountaineering binding *GR 98 II*



Weight 98 g*

*Toe with brake + heel.
Weighted with release force 8.

MOUNTING OF BINDING

It is recommended to mount GRIZZLY.SKI bindings only on ultralight ski mountaineering race or speed skis.

Binding installation and binding adjustment must be performed by an authorized service center. The binding can only be mounted according to the original template.

Any modification or disassembly of the binding is **prohibited**. It could lead to endangering the user's safety. Any tampering with the product voids the right to warranty.

BINDING ADJUSTMENT AND CORRECT USE

Prior to first use, the binding functions must be thoroughly familiarized.

The toe of the binding contains two arms with pins for swiveling attachment of the front part of the ski boot. One arm is fixed. It is part of the toe base. The other is a **locking arm** that allows the front mount to be released and locked. This system is called **GRIZZLY FIX (A)**.

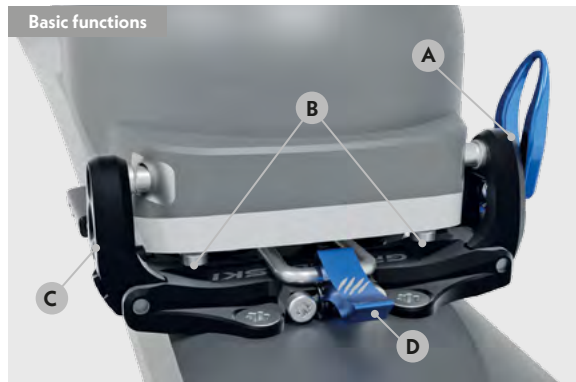
The toe of the binding is complemented by the **GRIZZLY STEP (B)** feature, which increases the positioning accuracy of the ski boot when engaging into the toe of the binding. The GRIZZLY STEP position is adjustable.

When the ski boot is fastened at the toe and heel, the distance between GRIZZLY STEP screws and sole of the ski boot must be of about 1 mm so that they do not touch the sole with the front of the binding when the ski boot is rotated again.

The toe of the binding contains the **GRIZZLY FLEX (C)** system which sets the space between pins of the toe and thus allows the use of ski boots from different manufacturers. A TX 10 screwdriver is used to adjust it.

WARNING!!! Adjustment of the GRIZZLY FLEX system is only possible while the locking arm of the GRIZZLY FIX system is released.

Basic functions



GRIZZLY FLEX system adjustment

From production, the GRIZZLY FLEX system is set to the range of pins according to the ski boot manufacturer SCARPA and DYNAFIT.

If, after clamping the ski boot in the toe of the binding, there is a clearance at the tips, it is necessary to tighten the screw of the GRIZZLY FLEX system on the fixed arm.

If the GRIZZLY FIX locking arm makes it too difficult to lock and unlock the toe of the binding with ski boot, the GRIZZLY FLEX screw must be loosened.



The optimal setting for the GRIZZLY FLEX system:

- When the locking arm pressed by the spring during clamping remains deviated approximately 20° from the perpendicular axis and when there is no clearance of pins placings in the ski boot inserts after clamping and securing the ski boot
- When the locking arm of the GRIZZLY FIX system locks and unlocks the toe of the binding with optimal force.

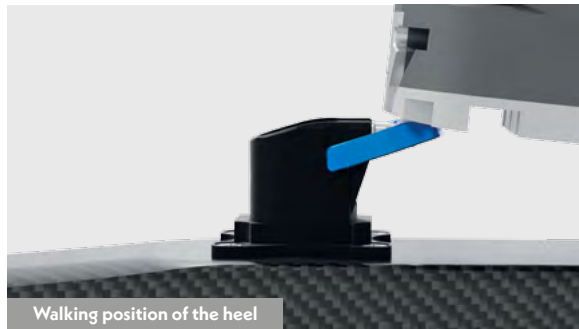
GRIZZLY BRAKE (D) – removable brake activated by one finger



Swivel heel



Move the flap upwards to allow to rotate the heel!



Walking position of the heel

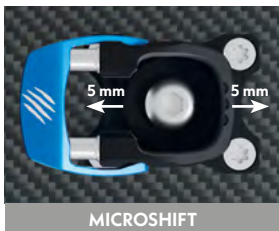
The heel of the binding contains a flap, which in the folded position forwards allows walking on skis and in the folded position upwards it allows to clamp the heel of the ski boot into binding for downhill skiing.

The GR 98 II binding has a swivel heel, thanks to which the ski shoe is released in the event of a fall. It is possible to turn the heel laterally to the left and to the right. The heel also releases the ski boot vertically. The GR 98 II binding is not equipped with adjustable release systems. These are pre-calibrated to fixed values by the manufacturer.

The rear part of the binding contains a MICROSHIFT function. After loosening the screw in the seat of the foot, it allows displacement in the range of 10 mm, 5 mm forward and 5 mm backward from the basic position. Use a TX 25 wrench to manipulate the screw.

WARNING!!! Always tighten the screw of the MICROSHIFT system with a force of 8.5 Nm. NEVER turn the rear part of binding when the MICROSHIFT screw is loose.

If you often use the MICROSHIFT function, we recommend applying thread glue 585.243 (blue) which is to be applied in a thin layer to the screw thread.



MICROSHIFT



Marking aid Grizzly Bear

In order to adjust the position of the ski boot correctly in a distance of 4 mm from rear part of binding use the marking aid "GRIZZLY BEAR". It is made exactly to the size of 4 mm. The GRIZZLY BEAR is included in the package.

FASTENING OF SKI SHOES INTO BINDING FOR UPHILL (walking)

1. It is necessary to set the flaps on the heels of the binding to the walking position (to prevent unintentional clamping of the heel) by tilting the flaps forwards to the pins, where they create an obstacle for clamping the heel of the ski boot and at the same time they serve as pads for ski boots.

2. Swivel clamping of the ski boot in the front part of the binding (toe) is possible by sliding the front insert of the ski boot onto inner tip of the binding and then pulling the locking arm from the outside to the vertical position so that the outer tip fits into the insert from the outside.

When the locking arm is in the upright position, the binding tip is locked.

3. Brake is in locked position.



Locked toe



Released toe



FASTENING OF SKI SHOES INTO BINDING FOR DOWNHILL SKIING

1. First, it is necessary to flip the flaps on the heel of the binding 90 or 180 degrees backwards so that they do not create an obstacle for fastening ski boots.
2. Fasten one and the other ski boot in the front part of binding the same way as for uphill. Then hit the heels of the ski boots on the pins of heel parts of the binding so that it locks.
3. For fastening of ski shoes immediately after the ascent (uphill), it is only necessary to turn the flaps on the heels of the binding by 90 or 180 degrees and then to hit the heels of the ski boots on the pins of heel parts of the binding so that it locks.
4. Activate the brake.

RELEASE OF SKI SHOES IN BINDING

1. Release is possible at the toe of the binding by tilting the locking arms on both skis so that the toes are unlocked and the arms are deflected to such extent that the inserts are released from the pins of binding.
2. If the ski boots have been fastened for downhill, the heels must still be pulled forward from the heel pins.

PRACTICAL INSTRUCTIONS FOR USE

Prior to each use, a visual inspection of the binding status is required. In particular:

- whether the binding is correctly attached to the ski,
- whether the screws are properly tightened,
- whether the internal structure of the ski is damaged,
- whether the ski is damaged in the area of the binding attachment.

If at least one of the above is not correct, do not use the ski mountaineering set until the defect has been repaired by an authorized service center.

GRIZZLY.SKI bindings differentiate left and right side, so it is necessary to use skis so that the binding always has a securing arm from the outside.

If the binding is mounted firmly on the ski, no other ski boot may be used, only the one for which the binding was mounted.

If the binding heel is on an adjustment plate, it is necessary to check the distance of the heel when changing the ski boot, whether it is correctly adjusted by a professionally qualified person.

Before clamping the ski shoes to the binding, make sure that the skis, ski shoes and the bindings are completely free of ice, dirt, or other foreign bodies that could lead to a reduction in normal binding functions.

Some binding functions can be handled with a ski pole. Using a ski pole can cause scratches and / or premature wear of the product surfaces.

In uphill mode, separation between the ski boot and the binding only occurs in the event of severe deformations of the material due to an event, external load or special stress. If this happens, please stop using the product.

Only the correct size TORX 20 wrench can be used to tighten the screws.

If in doubt about the perfect functionality of one or more binding components, do not use the product and seek professional service for a deeper inspection of the product.

CARE, MAINTENANCE AND STORAGE

Store the binding in a dry and protected place. Do not expose it to excessive heat. Do not make any modifications or changes to it. Any of these steps may void your warranty. It can also jeopardize the functionality of the binding and increase the possibility of structural damage.

GRIZZLY.SKI recommends cleaning and lubricating the moving parts of the binding at the front and rear part at least twice a season or every 150 km of uphill + downhill.

WARRANTY CONDITIONS

GRIZZLY.SKI warrants that the product will be free from manufacturing or material defects for 2 years from the date of purchase. The effective date of the warranty must be documented by proof of purchase.

The 24-month warranty applies to any product that is properly installed, set up and used with regard to the place of use and the content of the product.

Bindings to "DEMO / TEST" as well as to RENTAL are intended for unusual and particularly intensive use, which can change the continuous performance of the product and accelerate the wear and tear of the product itself. The warranty period for "DEMO / TEST" and RENTAL products is reduced to 1 year from the date of purchase.

GRIZZLY.SKI bindings are NOT SAFELY CERTIFIED by any certification body, as they DO NOT COMPLY TO ANY DIN / ISO SAFETY STANDARDS.

LIFETIME WARRANTY ON PINS

The high quality of pins of the GRIZZLY.SKI binding guarantees that they will not break. Material wear is minimal compared to other materials on the market.

WARRANTY DISCLAIMER

Damage caused by improper handling, improper installation, non-compliance with the product user manual, insufficient maintenance and care, a ski accident, incorrect use of the product or moral wear and tear, any modification made to the product as well as use in combination with unsuitable ski shoes is excluded from the warranty. All wear parts and prints are excluded from the warranty.

GRIZZLY.SKI is not liable for causal or consequential damages of any kind, except where such limitation of liability is expressly prohibited by applicable law. Each of the implied warranty claims will be expressly disclaimed, unless such disclaimer is prohibited by law. In this case, the warranty claim is valid for the longest period of the above-mentioned warranty period.

If all warranty conditions are met, GRIZZLY.SKI will start the warranty process and provide the best possible support in order to complete the process in the fastest possible time.

Based on the condition of the product, GRIZZLY.SKI will be able to choose the best solution between the replacement of the entire product, part of it, or just its repair. An additional warranty period of 6 months is provided for parts replaced by GRIZZLY.SKI during official service. If the warranty process requires the product to be sent to the company, the product itself must be returned to the original box, including all parts. No compensation can be claimed from GRIZZLY.SKI for any delay in the warranty procedures.

CONCLUSION

Keep in mind that ski mountaineering, like many other alpine activities, is a DANGEROUS SPORT. It can lead to injury to the ski mountaineer himself, other people and damage to things. In practice, dangerous and / or unpredictable situations can occur. Therefore, please never overestimate your abilities. Never ski if you are injured or under the influence of alcohol, medication or drugs.

Any MODIFICATION OF COMPONENTS AND IMPROPER USE OF GRIZZLY.SKI bindings may void the product warranty and increase the risk of injury to the user or third parties. Use of non-genuine accessories may damage the binding and increase the risk to the user.

DEALER

WARRANTY CLAIM NOTE

BE SMARTER
GO LIGHTER



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