



User Operating Instructions

1357-3466



Important warnings and instructions

1.1. Important Warnings

- The release setting requires a specialized understanding of multiple factors. Adjustments to release settings should only be made by an authorized dealer. Any improper adjustment of release setting by any unauthorized person will put the skier at risk of injury and void the warranty.
- Any custom modifications to the binding will invalidate the warranty, and could put the skier at risk of injury.
- Prior to each use the binding should be checked for any broken parts, correct release function, and contamination. If anything is defective or broken please return the binding to an authorized dealer for service.
- Since skiing has inherent risks do not overestimate your ability when describing your skiing level to the authorized dealer who will set your release setting. If in doubt, underestimate your ability, and return to the authorized dealer to have an increase in retention made.
- Skiing the G3 ONYX or RUBY binding without a ski brake or a ski leash can put others at risk, as well as the risk loss of the ski and binding. A ski brake alone is not sufficient to protect against the loss of a ski in deep snow. The use of a ski leash is not recommended in avalanche terrain.
- Ski touring is a demanding sport in which environmental conditions and terrain can change quickly and be hazardous. Obtain proper training and rescue equipment before ski touring, and don't overestimate your abilities. Always make use of all available weather and avalanche condition information prior to touring.
- Never ski tour under the influence of any drug or mind changing substance.
- Never ski tour alone.
- Due to the exposure to environmental conditions that are common during ski touring (ice, snow, water, dirt) the release setting may change. Extended or incorrect storage can also affect release setting. At the start of each season, the release setting should be checked using specialized equipment at an authorized dealer.

- Specialized alpine touring boots with "TECH" inserts are required for use with G3 ONYX and RUBY bindings. Any non compliant boot or excessively worn "TECH" inserts can alter the release setting. The boot is an integral part of the release system. The release setting should be checked using specialized equipment at an authorized dealer with the intended boot(s) for use.
- During transport, bindings can become contaminated with salt, dirt and other contaminants that can alter or impair the release function. Cover your bindings during transport to reduce this risk.
- Any unintended use of the binding will void the warranty, and could put people at risk.
- Use only genuine G3 accessories for ONYX and RUBY bindings to ensure that the release setting or any other design feature is not compromised.

1.2. Boot Compatibility

- The G3 ONYX and RUBY bindings are only compatible with alpine touring ski-boots (ISO 9523) with Tech compatible inserts
- Bellowed touring boots, such as the **Scarpa® F1, F3** and **Terminator X** series boots, can only be used with the ONYX bellowed boot shim installed. The shim is available as an accessory item from G3.



Warning: Using a bellowed boot with the G3 ONYX or RUBY bindings will affect the safety release of the boot from the binding. G3 cannot guarantee the release settings of the binding when used with these boots. Refer to the instructions included with the bellowed boot shim for further details.

2. ONYX/RUBY Overview

2.1. Key Components

1. Toe Tour Mode Lever
2. Step in Lever
3. Toe Pin
4. Crampon Attachments
5. Leash Attachment
6. Heel Pins
7. Heel Tour Mode Lever
8. Low Heel Lift
9. High Heel Lift
10. Tour Mode Indicator
(see "Tour Mode" below)



2.2. Ski Mode

- Tour mode lever (1) is in the unlocked position and the heel mode lever (7) is in the up position
- Low (8) and high (9) heel lifts must be in the stowed position



2.3. Tour Mode

- Tour mode lever (1) is in the locked position and the heel mode lever (7) is in the down position
- In tour mode, the RED tour mode indicator (10) is visible



For detailed interactive videos demonstrating the operation of the ONYX/RUBY binding Please visit <http://g3onyx.com> or <http://www.genuineguidegear.com>.

3. Detailed Instructions and Warning for Proper Use

You must read this section to understand the proper operation of the binding.



WARNING: Failure to operate the binding according to these recommendations could result in injury or death and/or voided warranty.

3.1. Stepping Into Ski Mode

- Ensure the heel is in ski mode, with the heel model lever positioned in its up position, and the toe is ready to be stepped into as shown in below.



- Place your pole tip in the pole tip pocket in the toe tour mode lever. Push down on this lever to open and close the toe jaws of the binding. Pressure placed on this lever also helps to keep the ski in position.



- Use your pole to apply pressure to the toe mode lever to keep the jaws open. Position your toe into the binding, aligning the TECH toe fittings into the jaws, sliding the boot forward. When the toe is in the proper position, and the jaws are slightly engaged with the toe tech fitting, you can release the toe tour mode lever. Check to make sure the toe has been properly engaged.



- Engage the heel after the toe is engaged in the binding by simply stepping down and weighting the heel. You should hear an audible click. As with the toe, look at the heel to ensure the heel pins are properly engaged.



Step In Tips:



- Step into the jaws with a forward sliding motion from the rear, rather than from directly above.
- Push the toe as far forward into the jaws as possible.
- Use the pole to push down and slightly backward to push the boot and binding together.

3.2. Stepping into Ski Mode after a Release

- The ONYX/RUBY binding will return to ski mode and be ready to step into after a release from the binding. However, after each release check the binding for proper function and position of the tour mode lever as well as the other binding components.

3.3. Stepping Into Touring Mode

- To switch into tour mode, ensure that you've applied your skins, and then using your pole tip, grip or your hand, push the heel tour mode lever down to rest flat against the ski. The heel pins will pull back and expose the red tour mode indicator.



- The process for stepping into the toe is the same as described for stepping into ski mode (3.1)

- Actuate the toe tour mode lever with either the shaft of your ski pole, or your hand, in order to lock out the release capability of the toe. Pull the lever until you here several 'clicks'.



3.4. Switching From Ski to Tour Mode While In the Binding

- You can easily switch from ski mode to tour mode, and back again by simply using the heel tour mode lever

- When switching from ski to tour mode, it is easiest if you take the weight off of your heel, and then use your pole to push the heel tour mode lever flat to the ski. Lastly, you should then lock the toe tour mode lever, as described in 3.3 above.



3.5. Switching From Tour to Ski Mode While In the Binding

- When switching from tour to ski mode, the first step is always to unlock the toe tour mode lever, and position it in the ski mode position.



- Lift your heel out of the way, and ensure that the heel lifts are correctly stowed in the ski position.



- To place the heel unit into ski mode, rotate the heel tour mode lever to the forward position using the tip or the grip of your ski pole and pulling the heel tour mode lever forward/up.



CAUTION: If the heel tour mode lever is forced forward/up while either the heel lifts are deployed, or the boot heel is blocking the unit from moving into ski mode, damage could occur and you could void your warranty

- Step down by weighting your heel. You should hear an audible click. Look at the heel pins to ensure they are properly engaged.



WARNING: The G3 ONYX and RUBY bindings are only recommended to be skied with the toe tour lock lever unlocked in 'ski' mode. If the product is skied with the tour mode lock in place you are effectively removing the safety release features of the binding (as well as release in avalanche conditions), and putting yourself at risk of injury or death. Skiing the binding this way could void your warranty should you damage the binding in the event of a fall.

3.6. Use of Heel Lifts

- The heel lift selection is designed to be as intuitive and reliable as possible.
- Depending on the slope angle, and your touring preferences, the G3 ONYX/RUBY offers 3 touring heights for your heels:
- Neutral touring position.



- Low heel height
- Use a pole basket, pole grip or your hand to flip the low heel lift into position.



- High heel height
- Use a pole basket, pole grip or your hand to flip the high heel lift into position.



CAUTION: Never deploy the high heel lift before the low heel lift. Doing so could damage the binding, will void the warranty, and could put the skier at risk

3.7. Use of Crampon

- Ski crampons can be useful in certain firm snow conditions, but must be used properly to ensure safety



CAUTION: Use only G3 ONYX ski crampons with your ONYX or RUBY binding. It is possible to tour into very dangerous terrain using ski crampons and put yourself at risk of injury or death! Avoid steep slopes, exposed slopes, and consult a guide if you're unsure about the terrain.

- Refer to the instructions included with the G3 Onyx Ski Crampon for installation and use instructions.

3.8. Use of Ski brake or Leash

- Use of a ski leash or brake is recommended, and is required in most ski resort areas.
- Attach ski leash only to the provided leash attachment clip on the toe.
- The leash attachment clip can be installed on either side of the binding.
- If the leash attachment clip is not installed on your bindings, or you would like to re-position the clip, please contact your G3 dealer.



CAUTION: Only G3 ONYX or RUBY ski brakes should be used with ONYX and RUBY bindings. The use of a ski brake doesn't guarantee that a ski will be controlled under all circumstances. Ski brake installation should be performed by an authorized dealer.

- G3 ONYX and RUBY ski brakes are available as an accessory.
- Refer to the instructions included with the G3 Onyx or RUBY Brakes for installation and usage instructions.

4. Maintenance and Storage

- After every use the binding should be cleaned with a damp rag to remove any dirt or dust. Do not use any other kind of cleaning products or pressurized devices.
- Store G3 ONYX and RUBY bindings in ski mode (toe and heel) in an environment where there aren't large fluctuations in temperature and humidity from standard conditions. Avoid environments with excessive heat (ie. next to furnaces, heating elements or water heaters).
- G3 recommends that at the beginning of each season and/or after 60days of skiing, G3 ONYX and RUBY bindings be checked by an authorized G3 dealer and have the release setting recalibrated.
- Do not apply any lubricants to the binding other than original G3 Binding Grease. Use of lubricants other than original G3 Binding Grease can damage the binding, greatly reducing the strength of parts or affect the performance and release and may result in bodily injury or death.

5. Warranty

- For complete warranty information, please visit: <http://www.genuineguidegear.com/service/g3-product-warranty>

6. Additional Information

- The G3 website www.genuineguidegear.com has the most current information regarding all G3 products. Please go to the website to find any recent updates and additional information on how to use the product.