



**TECHNICAL  
MANUAL  
22/23**

**LOOK**

**ALPINE BINDINGS**

<USA>

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# WELCOME

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Welcome to the technical support program for the Rossignol Group ski binding brands, including LOOK and Rossignol. You will find comprehensive technical information on all current and recent Look and Rossignol ski bindings within this manual (or on our technical training website at: <http://techtraining.rossignol.com>).

This includes:

- Instructions for: mounting, adjusting, inspection, testing, and dispatch of all retail, rental, and demo binding models
- Lists of all current indemnified binding models
- Explanations on all assembly and adjustment procedures, including all precautions and sequence to ensure correct execution

Please keep this technical manual on hand for reference when working with ski bindings. We also strongly recommend attending one of our branded binding clinics prior to working with any LOOK or Rossignol binding.

If you need more information, or do not find what you are looking for within these pages, please call Dealer Services at 435-252-3300 (U.S.) or 514-933-9971 (Canada).

LOOK and Rossignol pride themselves on delivering ski bindings with a uniquely effective combination of performance, protection, and ease-of-use tailored to each specific type of ski and skier.

## TECHNICAL TRAINING

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### ***Completing the Technical Review is one of the requirements of The Rossignol Group Alpine Ski Binding Indemnification Program.***

Any person mounting, adjusting, inspecting, testing, or dispatching LOOK or Rossignol bindings must have successfully completed a Technical Review.

**Unless otherwise stipulated, all Rossignol Group Technical Training Acknowledgements are valid for a two-season period.**

Rossignol Group Technical Reviews can be found on pages 78 and 79 of this manual, or on-line at <http://techtraining.rossignol.com>. To access the on-line Technical Review you will be required to enter your store's account number and password (passwords are e-mailed to all Look and Rossignol dealers).

**Ski shops must execute a Rossignol Group Alpine Ski Binding Indemnification Agreement (see page 4) each year before technicians can access the Technical Training website.**

#### ***U.S. ONLY:***

**To receive your Technical Training Acknowledgement, you must:**

1. Have current employment at a shop that has accepted the current Rossignol Group Indemnification Agreement online.
2. Read this Technical Manual.
3. Gain knowledge on LOOK and Rossignol bindings.
4. Mount and adjust a LOOK and/or Rossignol binding.
5. Complete the Technical Review online at: <http://techtraining.mountaincenter.com>

To mail your completed Technical Review in the U.S. and Canada:

**U.S.**  
Group Rossignol USA  
Attn: Technical Reviews  
PO Box 981060  
Park City, UT 84098

**Canada**  
Groupe Rossignol Canada  
Attn: Technical Reviews  
60 rue de la Rive Droite  
Bromont Qc, J2L 0A3

Once Technical Reviews have been submitted to the appropriate US or Canadian office, you will either be entered in the Tech Training database according to your shop, or you will be sent a request to submit a new Technical Review.

We recommend each shop retain a copy of all Technical Training Acknowledgments. To transfer a Technical Training Acknowledgment to another shop, please inform the Rossignol Group in writing of your intent.

Shops that lose technicians should contact their Rossignol Group Dealer Service representative immediately to arrange for another technician to complete the Technical Review.

#### **U.S. Rossignol Group Technical Training Fees**

**The Rossignol Group will bill your shop's account:**

- **A \$10 fee for each Technical Review completed online (\$50 maximum per storefront).**
- **A \$25 fee for each paper Technical Review submitted by mail (no maximum).**

#### **CANADA Rossignol Group Technical Training Fees**

**The Rossignol Group will bill your shop's account:**

- **No fee for all technicians who complete the Technical Review online and work for an Authorized Dealer.**
- **A \$25 fee for each paper Technical Review submitted by mail (\$50 maximum per storefront).**
- **A \$25 fee for each technician who completes a Technical Review without working for an Authorized Dealer.**

**Rossignol Group Technical Training is one of the requirements to qualify for indemnification.**

**Technical Training is valid for a two season period, expiring September 30.**

# INDEMNIFICATION 2022/23

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Rossignol Group Alpine Ski Binding Indemnification Agreements are available to all LOOK and Rossignol ski binding dealers. Please note:

- New Indemnification Agreements are required each year
- Indemnification Agreements are accessed at: <http://indemn.rossignol.com>
- Use the shop-specific ID emailed to each LOOK and Rossignol ski binding dealer

Subject to the terms of the Rossignol Group Alpine Ski Binding Indemnification Agreement, the Rossignol Group agrees to hold the shop harmless from any liability relating to claims for personal injury sustained by the customer as a result of the use of LOOK and Rossignol bindings. This is providing the shop follows all of the terms and conditions of the Rossignol Group Alpine Ski Binding Indemnification Agreement, and the procedures described within this Technical Manual.

The Rossignol Group Alpine Ski Binding Indemnification Agreement is not effective until executed by the dealer. Read your agreement carefully, the above is only a summary.

## **INDEMNIFIED BINDINGS**

The following list of bindings are included in the Rossignol Group Alpine Ski Binding Indemnification Agreement. Only those bindings listed below, that were distributed by Group Rossignol USA, Inc., Groupe Rossignol Canada Inc., Rossignol Ski Company, Incorporated, Skis Rossignol Canada, Ltd., Skis Dynastar, Inc., and Skis Dynastar Canada, Ltd. will qualify for indemnification.

Bindings are removed from this list when they are no longer supported with parts and technical information.

### **Please note:**

- **LOOK HM, Superlite, HT, and Darklite binding models are not covered by this indemnification program**
- **Any 3<sup>rd</sup> party modifications made to Look bindings voids the bindings warranty and are no longer covered by this indemnification program**
- **Any repairs being made to the housing (ex. toe wing repairs and indicator window replacement, with the exception of Xpress heel indicator windows (see page 62)) must be sent back to the Rossignol Service Center for a "factory" repair**

**2022/23 WILL BE THE LAST SEASON FOR ANY AND ALL QUICKSET OR SPEEDSET BINDINGS TO BE CONSIDERED FOR INDEMNIFICATION.**

**INDEMNIFIED BINDINGS****LOOK/DYNASTAR/ROXY**

Pivot 18 *(all versions)*  
 Pivot 15 *(all versions)*  
 Pivot 14 *(all versions)*  
 Pivot 12 *(all versions)*  
 Pivot Pro GW  
 SPX Racing  
 SPX 15 *(all versions)*  
 SPX 14 *(all versions)*  
 SPX 12 *(all versions)*  
 SPX Pro GW  
 SPX 10 *(all versions)*  
 PX 18 *(all versions)*  
 PX Racing  
 PX 15  
 PX 14  
 PX 12  
 PX 10  
 SPX Team  
 PX Team  
 Nova 11  
 Nova 10  
 Nova 9  
 Nova 7  
 Nova Team 7  
 N11  
 N9  
 N7  
 Nova Team  
 NX 12 *(all versions)*  
 NX 11 *(all versions)*  
 NX 10 *(all versions)*  
 NX 9 *(all versions)*  
 NX 7 *(all versions)*  
 NX Jr 10 *(all versions)*  
 NX Jr 7 *(all versions)*  
 NX Jr  
 NX Exclusive  
 NX Team 10  
 Xpress *(all versions)*  
 Xpress Jr *(all versions)*  
 Xpress Jr 7 *(all versions)*  
 Xpress 10 GW Rental  
 Nova  
 C-Cube  
 Team P10  
 Team 8 Maxplate  
 Team 8  
 Team 4 *(all versions)*  
 Team 2RL  
 T4  
 T2  
 Xpress Kid  
 Kid-X  
 Kid-X 4 *(all versions)*  
 Kid-X 4 Rental System  
 XM 16 (AT version only)  
 XM 13 (AT version only)

**ROSSIGNOL**

FKS 18  
 FKS 15  
 FKS 14 Dual  
 FKS 14  
 FKS 12 Dual  
 FKS 12  
 Axial<sup>3</sup> 120 Dual  
 Axial<sup>3</sup> Race  
 Axial<sup>3</sup> 150  
 Axial<sup>3</sup> 140  
 Axial<sup>3</sup> 120  
 Axial<sup>3</sup> 100  
 Axial<sup>3</sup> Race Jr.  
 Axial<sup>2</sup> WC  
 Axial<sup>2</sup> Race  
 Axial<sup>2</sup> Freeride  
 Axial<sup>2</sup> 140  
 Axial<sup>2</sup> 120  
 Axial<sup>2</sup> 110  
 Axial<sup>2</sup> 100  
 Axial<sup>2</sup> Race Jr.  
 Zip/Axium 100  
 WZip/Saphir 90  
 Zip/Comp J  
 Zip Kid  
 Princess 25  
 Xelium  
 Xelium Jr  
 Xelium Kid 45  
 Saphir 300  
 Saphir Pucci  
 Saphir JCC  
 Saphir 120  
 Saphir 110  
 Saphir 100  
 Saphir 90  
 Saphir 95  
 Saphir Jr. 70  
 Saphir Jr. 45  
 Axium 120  
 Axium 110  
 Axium 100  
 Axium 95  
 Axium 90  
 Axium 70  
 Axium Scratch  
 Axium 300  
 Axium 200  
 Axium Jr Pro  
 Axium Jr 70  
 Axium Jr  
 Fun Girl Jr.  
 Scratch Jr.  
 SAS Jr.  
 Comp J (All versions)  
 Comp Baby (All versions)  
 Comp Kid (All versions)  
 Kid X (All versions)

**MOVEMENT**

FREESKI 120  
 FREESKI 100  
 Bonkers 140  
 Bonkers 120  
 Bonkers 100

# VISUAL INSPECTION

**The technician is responsible for visual inspection of both boots and bindings before binding assembly, installation, or adjustment.**

## VISUAL INSPECTION: BOOTS

Your Alpine ski/binding/boot system may not operate correctly with boots that do not comply with international standard ISO 5355, ISO 23223 (GRIPWALK®), or WTR certified. **Visually inspect BOTH BOOTS for the following:**

1. Conformity to ISO 5355 sole dimensions:
  - a. Ramped area under toe
  - b. Glide area (where binding AFD contacts boot) is flat and clean
  - c. Boot can operate the binding brake
  - d. Inspect boot/binding interfaces for correct shape (excessive wear, damage, distortion, warping, or mold flashing). When in doubt, compare the questionable boot sole to a boot sole with the correct shape; sight down the questionable boot sole to detect warping.
  - e. The boot's toe and heel height projections are correct (see drawings to the right)
2. Conformity to ISO 23223 GRIPWALK® boot soles:
  - a. Boot sole and/or boot upper with GRIPWALK® or GW
  - b. Indicators a. through d. from above
3. Conformity to WTR Certified boot soles:
  - a. Boot Sole stamped with "WTR"
  - b. Indicators a. through d. from above
4. For all boots, inspect for hard shell material. **Boots with a milky look that can be permanently indented with a fingernail are unacceptable. These are commonly referred to as low-grade thermoplast boots and will not comply with a "Clean vs. Lubricated Test" (see page 65).**
5. **Do not use Alpine Touring ski boots ISO 9523, or boots without a standard designation, in alpine bindings.**

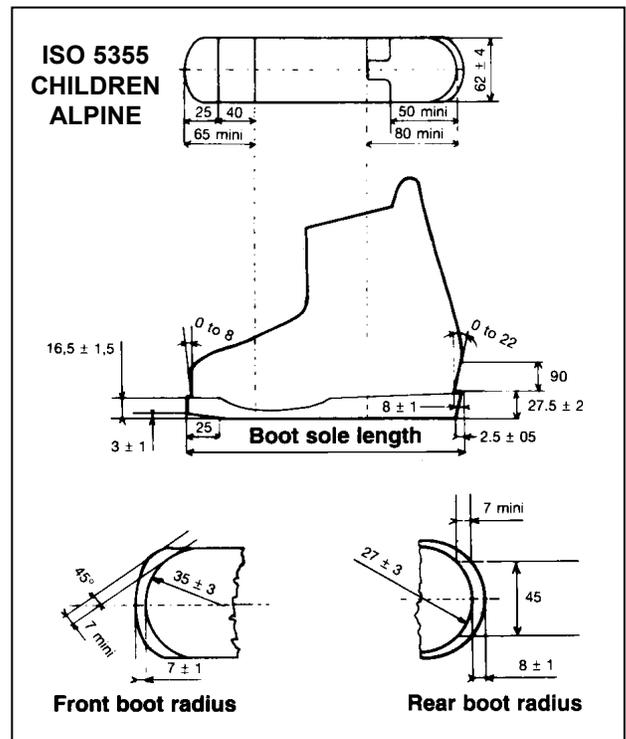
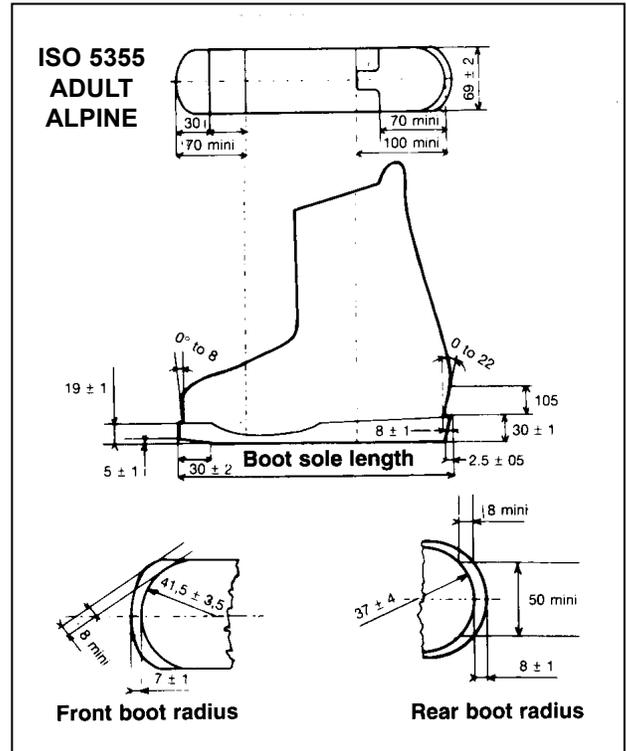
If the boots in question do not meet any of these inspections they should be replaced. If the boot is questionable in any of the preceding six inspections you should perform a "Clean vs. Lubricated Test" (see page 65).

Boots marked with GRIPWALK® are compatible with bindings marked GRIPWALK® GW or AW (see page 8 for boot/binding compatibility).

## WARNINGS

**Note on Canting:** Under no circumstances should the surface of the binding AFD be modified. This includes any method of canting. Use a canting method that does not include modifying or affecting the performance of the ski boot/binding interface.

**Note on Boot Modification:** Virtually all traditional alpine ski boots sold today are certified by their manufacturer to conform to ISO 5355 or 23223, which prescribes dimensions, materials, and other specifications necessary for boot/binding compatibility. Look for a reference to ISO on the sole. When a technician modifies a boot by beveling or shimming, it is the technician's and shop's responsibility to ensure the modified boot still complies with the standard. Boot and binding manufacturers are not responsible for any modifications. Use of a non-standard boot can have adverse effects on the safety and performance of the ski/binding/boot system.





**IMPORTANT:**

Recent ski boots come with markings based on logos and letters used to determine which standards and which types of bindings the ski boots are compatible with, thereby ensuring the desired level of safety and performance.

Please refer to this table to confirm the compatibility of the boot with the Look binding.

		BOOTS			
		ISO 5355		GRIP WALK ISO 23223	
BINDINGS	MARKINGS	Children's Alpine Norm "C"	Adult Alpine Norm "A"	Gripwalk® Junior "C"	Gripwalk® Adult "A"
	ISO 5355 A		X		
	ISO 5355 C	X			
	ISO 5355 CA	X	X		
	ISO 23223 A 			X	X
	ISO 23223 C 	X			
	ISO 23223 CA 	X	X	X	X

**LOOK BINDING COMPATIBILITY**

BINDING MODEL	ISO 5355		ISO 23223		WTR	ISO 9523
	CHILDREN'S ALPINE NORM "C"	ADULT ALPINE NORM "A"	GRIPWALK® JUNIOR "C"	GRIPWALK® ADULT "A"	WTR / WALK SOLE	TOURING SOLE
PX 18 ROCKERACE / ROCKERFLEX		X				
SPX 15/14/12 ROCKERACE / ROCKERFLEX		X				
PIVOT 18		X			(with AFD adapter)	
PIVOT 18 GW & AW		X		X		
PIVOT 15 GW		X		X		
PIVOT 14/12 DUAL		X			X	
PIVOT 14/12 GW & AW		X		X		
SPX 14 KONECT GW		X		X		
SPX 12 KONECT DUAL & RENT SYS		X			X	
SPX 12 KONECT GW / GW RENT SYS		X		X		
SPX 12 METRIX GW		X		X		
SPX 12		X				
SPX 12 DUAL & RENT SYS		X			X	
SPX 12 GW & AW		X		X		
SPX 10		X				
SPX 10 GW		X		X		
NX 12 KONECT DUAL & RENT SYS		X			X	
NX 12 KONECT GW / GW RENT SYS		X		X		
NX 12		X				
NX 12 DUAL		X			X	
NX 12 GW & AW		X		X		
NX 11/10 & NX 9 RTL		X				
NX 11/10 GW & NX 9 GW RTL		X		X		
NX 7 & NX 7 RTL	(with AFD adapter)	X				
NX 7 GW & NX 7 GW RTL	(with AFD adapter)	X	(with AFD adapter)	X		
KID X/4 & RENT SYS	X	X				
KID 4 GW & RENT SYS	X	X	X	X		
TEAM 4	X	X				
TEAM 4 GW	X	X	X	X		
XPRESS 11/10 & XPRESS W 11/10 & XPRESS JR & RENT SYS		X				
XPRESS 11/10 GW & XPRESS W 11/10 GW & XPRESS 7 GW & RENT SYS		X		X		

# TOOLS

You may need the following tools when mounting ski bindings:

- Binding templates (see below for complete list)
- Drill bits (+.05 mm depth is acceptable)
  - 4.1 mm x 9.5 mm
  - 4.1 mm x 7.5 mm
  - 3.5 mm x 9.5 mm
  - 3.5 mm x 7.5 mm
- #12 AB tapping tool
- #3 POZIDRIVE screwdriver
- #3 flat head screwdriver
- 4mm flathead screwdriver (for touring models)
- Torx T25 driver (for plate install/removal)
- Torx T20 driver (for touring models)
- Torque limiting screwdriver
- Ski binding glue
- Metric tape measure
- 2022/23 LOOK/Rossignol binding adjustment chart (page 69)

# TEMPLATES

## ADULT MOUNTING TEMPLATE

Item # FCFE001  
Opens: 56mm - 143mm  
Boot sole length: 250mm - 390mm (mondo 21.5-35)  
Mounts: Look - SPX, Pivot, PX, NX, Nova, NX RTL  
Rossignol - Axial<sup>3</sup>, FKS, Axial<sup>2</sup>, Axium



## JUNIOR MOUNTING TEMPLATE

Item # FCFE002, FFC6F018 (Not Pictured)  
Opens: 60mm - 130mm with rubber feet on  
Boot sole length: 190mm - 320mm (mondo 15.5-27.5)  
Mounts: Look - Team 4, Team 4 RL



## RTL SYS MOUNTING TEMPLATE

Item # FCGF101  
Opens: 55mm - 150mm  
Boot sole length: Varies by model  
Mounts: Look/Rossignol - Konect, Xpress, Kid X



## LITE MOUNTING TEMPLATE

Item # FCHF114  
Opens: 56mm - 143mm  
Boot sole length: 225mm-333mm  
Mounts: Look Superlite 13, Darklite 12



## HM MOUNTING TEMPLATE

Item # FCEF110  
Opens: 56mm - 143mm  
Boot sole length: 250mm-370mm  
Mounts: Look - HM (all versions)



## ST/HT MOUNTING TEMPLATE

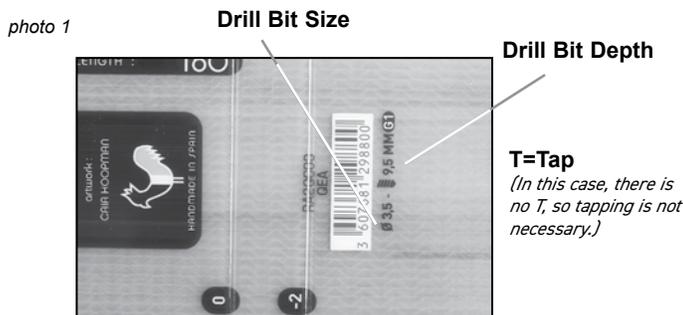
Item # FCGF110  
Opens: 56mm - 143mm  
Boot sole length: 250mm-370mm  
Mounts: Look - HT (all versions)

# STANDARD BINDING INSTALLATION

## MOUNTING FLAT SKIS

Most skis are manufactured in accordance with ISO 8364, which ensures a reinforced binding mounting area. Follow the ski manufacturer guidelines with regard to drill bit selection and when to use a tap.

All non-system Rossignol and Dynastar skis are marked in the center, near the mounting marks, with correct drill bit size and whether tapping (T) is necessary (photo 1).



Protect the base of the ski during ski binding installation.

Always measure the mounting mark positions on each ski to confirm they are both in the correct position (see pages 12 and 13 for reference of Dynastar and Rossignol skis).

### Adult Template - ITEM # FC0F001

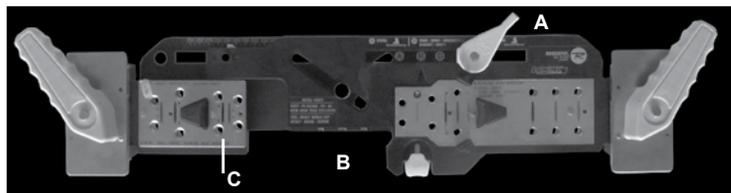


photo 2a

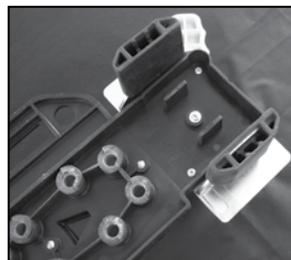


photo 3

## USING MOUNTING TEMPLATES

To use mounting templates on traditionally flat mounted skis:

1. Hold the template so the two grips are facing away from you (photos 2a/2b).
2. Rotate the two grips to open the clamps of the template.
3. Place the template flush to the ski and tighten the grips.
  - a. To accommodate narrower/wider width skis:
    - i. Remove rubber template feet, then re-install ALL FOUR to face the opposite direction (photo 3)
  - b. **Extra precaution: double check that template is square on ski, templates can shift to one side if feet are not correctly installed**
4. Place the boot in the center of template, between the boot stops.
  - a. To adjust the template to the correct length, release lever (A).
    - i. Pull to adjust template longer. Push to adjust shorter.
  - b. When boot is positioned against both boot stops, lock lever (A).
5. Align template on ski using the boot's midsole mark and the ski center mark.
  - a. If the boot's midsole mark does not line up with template's BOOT MIDSOLE mark (B), use the boot's midsole mark as reference.
  - b. If there is no boot midsole mark, use the template's BOOT MIDSOLE mark (B).
6. When mounting a ski with a toe mount reference, align template point (C) with the ski toe mount reference mark.
7. With boot still positioned against both boot stops, remove boot. **Extra precaution: use a QuickGrip to secure template square on ski. This will prevent template from moving when drilling**

### Adult Template - ITEM # FCFF001

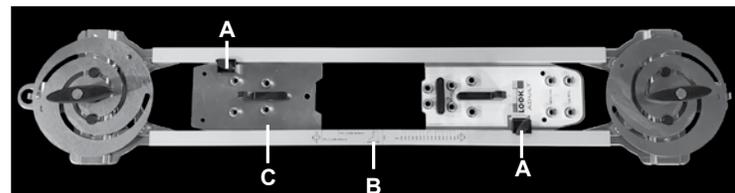


photo 2b

#### Note on Junior Boots/Template Adjustment:

For junior boots shorter than the smallest template setting:

1. Close the template to its shortest position and lock lever (A).
2. Slide boot forward in template, boot toe against front boot stop.
3. Align boot center mark with ski center mark.
4. Remove boot and drill TOE HOLES ONLY.
5. Place boot back in template.
6. Slide boot back, boot heel against rear boot stop.
7. Align boot center mark with ski center mark.
8. Remove boot and drill HEEL HOLES ONLY

## BEFORE DRILLING: DOUBLE CHECK

With template adjusted and seated on ski correctly (see Using Mounting Template, page 10):

- Check binding screw pattern against template holes. The binding model will determine which template holes to use (see charts below)
  - Extra precaution: use masking tape to cover any template holes that won't be used.**
- Check screw length against ski thickness. Replace or grind screws if necessary. This may be more necessary on junior and children's skis.
  - Extra precaution: insert selected ski drill bit into each hole you plan to drill and lightly tap with hammer. Inspect/measure indentations to ensure template is aligned correctly.**

ADULT TEMPLATE - FCFF001	toe color	heel color
Pivot / FKS	silver	blue
SPX / Axial <sup>3</sup> , NX / Axium	silver	red
NX RTL / Axium RTL	silver	black

ADULT TEMPLATE - FC0F001	toe color	heel color
Pivot / FKS	black	blue
Short track with worm screw	black	purple
Long track with tab	black	green
NX, Nova, Axium, Saphir	black	green
Demo / Speedset	red	green
Quickset / Rental	black	orange
Flash IRS - <i>Important note: template needs to be set at 300mm</i>	red	orange

JUNIOR TEMPLATE - FCFF002	toe color	heel color
Kid 4, Team 4	silver	silver

OLD JUNIOR TEMPLATE - FC6F018	toe color	heel color
Team 4 RL, Team 2 RL Comp J 45 L, Saphir 45 L, Comp Kid 25 L	red	orange
Demo / Quickset / Speedset	black	orange
RTL / Rental	red	orange

## DRILLING & TAPPING

- Select the drill bit size recommended by the ski manufacturer. This is usually indicated on the ski and should include drill bit size and whether to tap (T).
  - General Rule: For any ski with metal laminate use 4.1 mm diameter bit. Otherwise use 3.5 mm. If unsure, first use 3.5 mm, check for metal shavings. If metal is present, re-drill same holes with 4.1 mm.
- Before drilling, using a transfer punch (or a drill bit) punch the topsheet with the correct hole pattern of the binding model that is being used. At this time, remove the template to double check that the template is square (measure punch marks from sidewall, should be equal to both sides) and, if drilling a ski with previous holes, double check that there is at minimum 5mm of distance from any previous hole.
 

*Photo 4*
- Drill the appropriate holes for the toe piece and heelpiece.
  - Extra Precaution: drill with straight down pressure, directly over the ski. Do no drill at an angle, or at a ski that is not directly under you (example, further away on a bench)**
- Turn ski over and tap with hand on ski base to remove debris.
- If recommended by ski manufacturer, use # 12 AB tapping tool to tap holes (photo 4).
- Turn ski over and tap on ski base with hand to remove debris.

## INSTALLING BINDINGS NON SYSTEM (FLAT SKIS)

### TO PREVENT STRIPPED SCREWS

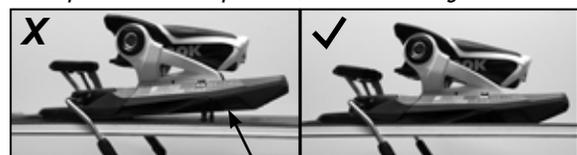
- BEFORE INSTALLATION back out binding screws until the tip of the screw is at least flush with the base of the binding, allowing the binding to sit completely flat on topsheet of ski.

### INSTALLATION

- Put a small amount of SKI BINDING GLUE into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
- Position toe piece over drilled toe holes.
- Using a # 3 POZIDRIVE screwdriver, insert binding screws in a cross-pattern until firmly seated on ski.
  - Using a screwshooter, set torque correctly (4 Nm max). If torque is not set correctly, pull trigger intermittently until binding is seated.
- Position heelpiece over drilled heel holes. Return to step # 4 above.

Visually inspect that the binding is seated flush to the top of the ski on ALL SIDES. There should be no gaps between the binding base and ski (see photo 5).

photo 5 = example of correct mounting



Make sure there is no gap between base of binding and ski.

# MOUNTING MARKS

## DYNASTAR 22/23 FLAT SKI MID-BOOT MOUNTING MARK MEASUREMENTS

### Mounting Adjustments For Specific Use

Powder / Freeride	up to -2 cm
All-Mountain	0 cm
Jib/Park	up to +5 cm

\*Mounting measurement is to the "0" mid sole mounting line.  
Recommended women's mounting is +1 cm which is the forward graphic line.

<i>Model</i>	<i>Size</i>	<i>Mount Position (mm from tail)</i>
<b>M PRO 85</b> <b>E PRO 85</b>	149	635
	158	677
	167	719
	176	761
	185	802
<b>M PRO 90</b> <b>E PRO 90</b> <b>M PRO 99</b> <b>E PRO 99</b>	154	655
	162	693
	170	731
	178	769
	186	807
<b>M PRO 108</b>	182	776
	192	828
<b>M FREE 90</b>	137	634
	147	681
	157	728
	165	765
	177	822
<b>M FREE 99</b>	171	783
	179	818
	185	835
<b>M FREE 108</b>	172	783
	182	835
	192	870
<b>M FREE 118</b>	180	805
	189	840
<b>MENACE 80</b>	138	647
	148	698
	158	745
	168	791
	178	837
<b>MENACE 90</b>	130	607
	140	654
	150	701
	160	748
	170	795
	180	842

<i>Touring Model</i>	<i>Size</i>	<i>Mount Position (mm from tail)</i>
<b>M TOUR 90</b>	157	669
	167	716
	177	769
	185	807
<b>M TOUR 99</b>	162	693
	170	731
	178	769
<b>M VERTICAL 88</b>	186	807
	156	666
	164	705
	172	743
	180	782

## ROSSIGNOL 22/23 FLAT SKI MID BOOT MOUNTING MARK MEASUREMENTS

Unisex Model      Size      "0" Mid Mark

SQUAD	194	90.5cm
SENDER 106 TI	194	89cm
	187	85.8cm
	180	82.5cm
SENDER 104 TI	186	86cm
	178	82.5cm
	172	79cm
	164	75.5cm
SENDER 94 TI	186	85.7cm
	178	82.3cm
	172	78.9cm
	164	75.4cm
	156	71.9cm
ESCAPER 97 NANO	185	80.7cm
	177	76.9cm
	169	73.1cm
ESCAPER 87 NANO	181	79.2cm
	175	76.3cm
	168	72.4cm
	160	68.9cm
	153	65.5cm
ESCAPER 87	182	79.2cm
	176	76.3cm
	168	72.4cm
	162	68.9cm
	154	65.5cm
BLACKOPS 118	186	90.3cm
	176	85.6cm
BLACKOPS 98	192	89.9cm
	182	85cm
	172	80.4cm
	162	75.6cm
SENDER 90 PRO	180	83.7cm
	170	79cm
	160	74.4cm
	150	69.7cm
	140	65cm
EXPERIENCE 86 TI	185	85.4cm
	176	81.2cm
	167	76.8cm
EXPERIENCE 86 BASALT	185	85.4cm
	176	81.2cm
	167	77cm
	158	72.5cm
	149	68.2cm
EXPERIENCE 82 TI	184	83.9cm
	176	81.4cm
	168	76.3cm
	160	72.5cm

**Mounting Adjustments For Specific Use**

Powder / Freeride	up to -2 cm
All-Mountain	0 cm
Jib/Park	up to +5 cm
Demo	0 cm

\*Mounting measurement is to the "0" mid sole mounting line.  
Recommended women's mounting is +1 cm which is the forward graphic line.

Junior Model      Size      "0" Mid Mark

BLACKOPS PRO	158	73.5cm
	148	68.8cm
	138	63.7cm
HERO ATHLETE MULTI-EVENT	149	64.5cm
	141	61.3cm
	134	58.2cm
	127	55.5cm
HERO JR MULTI-EVENT	150	62.6cm
	140	58.5cm
	130	54.4cm
	120	49.3cm
	110	45.0cm
HERO ATHLETE MOGUL ACCELERE	172	79cm
	166	76cm

Women's\* Model      Size      "0" Mid Mark

RALLYBIRD 104 TI	178	82.5cm
	171	79cm
	163	75.5cm
RALLYBIRD 102	170	79cm
	162	75.5cm
	154	72.0cm
RALLYBIRD 92	170	78.9cm
	162	75.4cm
	154	71.9cm
ESCAPER W 97 NANO	176	76.9cm
	168	73.1cm
	160	69.3cm
ESCAPER W 87 NANO	174	76.3cm
	166	72.4cm
	160	68.9cm
ESCAPER W 87	174	76.3cm
	166	72.4cm
	160	68.9cm
BLACKOPS 98	170	80.4cm
	160	75.6cm
	150	70.8cm
RALLYBIRD 90	160	74.4
	150	69.7
	140	65
	130	60.3
EXPERIENCE 86 BASALT W	173	77.5cm
	166	74.2cm
	159	71.0cm
	151	67.7cm
EXPERIENCE 82 TI W	175	81.4cm
	167	76.3cm
	159	72.5cm
	151	68.8cm

## BRAKE COMPATIBILITY

**Note: World Cup/Racing brakes are not the same as SPX/NX/ PX/Nova / Axial<sup>3</sup>/Axial<sup>2</sup>/Axium brakes.**

Checking for compatible brake length:

1. Place the ski on a table and confirm the brake fully extends, works freely, and easily lifts the ski off the table.
2. Brake arms must extend at least 30mm below the base of the ski.
3. When using lifters or race plates use brakes that give greater than 7mm of lift.

Checking for compatible brake width:

- Several brake widths are available.

**The following 22/23 skis require B120 (120mm) extra wide brakes:**

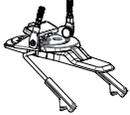
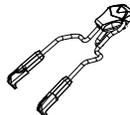
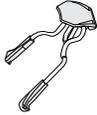
BlackOps 118 Swamp	M-Pro 108
Blackops 118 River	M-Free 118
Sender Squad	M-Free 108
Sender 106 Ti	
Sender 104	
Rallybird 104 Ti	
Rallybird 102	

**The following 22/23 skis require B100 (100mm) wide brakes:**

Sender 94ti	M-Free 99
BlackOps 98 Night	M-Pro 99
Rallybird 92	E-Pro 99
BlackOps 98 Dusk	Menace 98
Blackops 92 Day	M-Tour 99
Blackops 92 Dawn	
Escaper 97 Nano	
Escaper W 97 Nano	

**The following 22/23 skis require B90 (90mm) wide brakes:**

Sender 90 Pro	M-Pro 90
BlackOps Pro	E-Pro 90
BlackOps W Trailblazer	M-Pro 85
Rallybird 90	E-Pro 85 W
Experience 86 Ti	Menace 90
Experience 86 Basalt	M-Vertical 88
Experience 82 Ti	M-Free 90
Experience 86 Basalt W	
Experience 82 Ti W	
Escaper 97 Nano	
Escaper w 97 nano	
Escaper 87	
Escaper W 87	
Escaper 80	
Escaper W 80	
Escaper 80 Pro	

	BRAKE TYPE	ITEM # / NAME	MAXIMUM SKI WIDTH AT WAIST
<b>ROCKERACE</b>		FC9F024 / B80	64 - 80 mm
<b>PIVOT</b>		FC0F004 / B130	115-130 mm
		FC9F002 / B115	100 - 115 mm
		FC9F001 / B95	80 - 95 mm
		FC6F049 / B75	max. 75 mm
<b>SPX / SPX KONECT NX 12 / NX 11 / NX KONECT</b>		FC9F012 / B120	100 - 120 mm
		FOLF004 / B110	101 - 110 mm
		FC9F010 / B100	86 - 100 mm
		FC9F013 / B90	80 - 90 mm
		FC9F011 / B80	64 - 80 mm
<b>NX 11 / NX 10 NX JR / NX RTL</b>		FCDF002 / B93	83 - 93 mm
		FC5F006 / B83	70 - 83 mm
		FC4F017 / B73	64 - 73 mm
<b>XPRESS XPRESS W</b>		FCFD003 / B93	83 - 93 mm
		FC0F023 / B83	70 - 83 mm
		FC0F022 / B73	64 - 73 mm
<b>KID 4</b>		FC0F025 / B76	max.76 mm
		FC0F024 / B69	max.69 mm
<b>TEAM 4</b>		FC8F002 / B76	max.76 mm
		FC3F030 / B69	max.69 mm
<b>HM 12 HM 10 DEMO</b>		FCEF113 / D120	105-120 mm
		FCEF112 / D105	90-105 mm
		FCEF111 / D90	max.90 mm
<b>SUPERLITE 13</b>		FCHF110	max.75 mm
		FCHF111	75-90 mm
		FCHF112	90-105 mm

# BOOT - BINDING ADJUSTMENT

## TOE HEIGHT ADJUSTMENT

On all the LOOK toe pieces (with exception of LOOK touring models), the toe height and width automatically adjusts to the height and width of the soles of the adult boots that comply with the standard ISO 5355 and 23223.

The Kid-4 GW / Team 4 GW are compatible with ISO 5355 C (Children), ISO 5355 A (Adult), ISO 23223 "Gripwalk®" C (Children), and ISO 23223 "Gripwalk®" A (Adult).

**GW/AW toe pieces are compatible with 2 types of soles: ISO 5355 ADULT and ISO 23223 ADULT GRIPWALK®.**

The Dual toe pieces are compatible with 3 types of soles: ISO 5355 Adult, GRIPWALK® (ISO 23223), and WTR certified. An adjustment to the binding is required to select any of these boot sole types.

## DUAL BINDING BOOT TOE NORM ADJUSTMENT

LOOK Dual and Rossignol Dual bindings feature the ability to adjust between ISO 5355 (Alpine), ISO 23223 (GRIPWALK®), and WTR (WALK-TO-RIDE) certified. To adjust Dual binding toe pieces between these norms use the following steps. The heel piece requires no adjustment.

1. Determine bootsole type (ISO 5355, ISO 23223 (GRIPWALK®), or WTR) (photo 6).



photo 6

2. Adjust selector switch according to boot sole type
  - a. Use a flat head screw driver to make the half turn adjustment to either norm with the arrow indicator pointing towards the identified norm inscribed in front of the AFD (photo 7).
  - b. When the binding is in alpine norm/GRIPWALK® (ISO 23223), there is a yellow indicator under the AFD (side view) that will show (photo 8).
  - c. When the binding is in WTR norm, no yellow indicator will show (photo 9).

photo 8

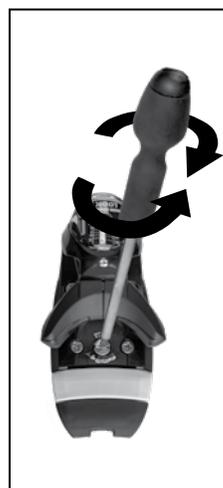


photo 7

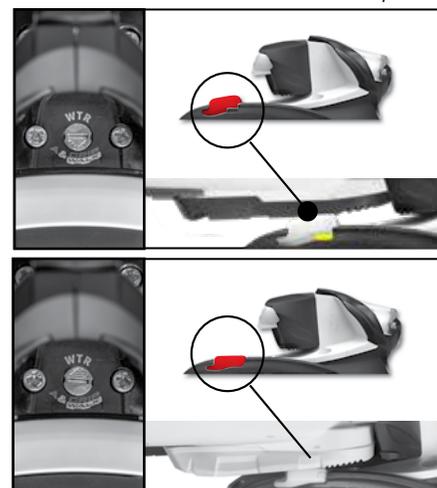


photo 9

3. Once the norm is selected LOOK and Rossignol DUAL bindings require no further toe height adjustment. (photo 10).



ALPINE / GRIPWALK® (ISO 23223)



WTR

photo 10

# A LA CARTE BINDING ASSEMBLY AND ADJUSTMENT

## PIVOT

### TEMPLATE:

Adult Template (See also page 9, item # FCFF001)

### COMPATIBILITY:

Pivot 12 GW, Pivot 14 GW, Pivot 15 GW, Pivot 18 GW with the Gripwalk® “A” logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) Gripwalk® boot soles. Older Pivot 12 AW, Pivot 14 AW, Pivot 18 AW models are also compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) Gripwalk® boot soles.

Older models: LOOK Pivot 12 DUAL, Pivot 14 DUAL and Rossignol FKS 12 DUAL, FKS 14 DUAL bindings are compatible with 3 types of soles: ISO 5355 A (Adult), ISO 23223 Gripwalk® A (Adult) when set in “Alpine” setting, and WTR certified when set in “WTR” setting (See page 15)

LOOK Pivot 12, Pivot 14, Pivot 18 and Rossignol FKS 12, FKS 14, FKS 18 are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** (See also “Before Drilling” page 11)

**DRILLING:** (See also “Drilling & Tapping” page 11)

1. Drill the toe and heel holes indicated on the Adult Template for retail Pivot bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to “INSTALLATION”.

### INSTALLATION

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). **DO NOT USE WOOD GLUE.**
2. Position toe piece over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe piece is firmly seated on the ski.
3. Visually inspect that the toe piece is seated flush to the top of the ski on **ALL SIDES**.
4. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on **All SIDES**.
6. Proceed to “ADJUSTMENT”.

### ADJUSTMENT

For Pivot/FKS DUAL models only:

1. Determine boot sole type (ISO 5355 A, ISO 23223 A, WTR)
2. Use a flathead screwdriver to adjust selector switch according to the boot sole type. When properly adjusted the arrow indicator points towards the identified norm inscribed in front of the AFD.
  - a. “Alpine” for ISO 5355 A and ISO 23223 A boot soles.
    - i. When properly adjusted to “Alpine” setting a yellow indicator under the AFD (side view) will be visible.
  - b. “WTR” for WTR certified boot soles.
    - i. When properly adjusted to “WTR” setting, no yellow indicator will be visible.
3. Once the boot sole norm has been selected Look and Rossignol DUAL bindings require no further toe height adjustment.
4. Proceed to step 5.

For all other models: Proceed to step 5 below.

5. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
6. Position the boot toe in the binding toe piece without engaging the heel piece.
7. Using the two screw-heads atop the lateral arms of the heel piece adjust the heel piece using small increments to adjust each side evenly, until the heel piece almost contacts the boot heel. (photo A)
8. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
9. Confirm forward pressure is correct by checking the forward pressure tab at the back of the heel piece: OK = The white (or yellow) indicator tab aligns with, or just past, the two raised scribes on the heel base. (photo B)
  - a. Grab the heel piece and twist/rotate the heel. (photo C)
    - i. If the heel piece twists/rotates easily, tighten forward pressure
    - ii. Forward pressure is correct when you cannot twist/rotate the heel piece on the boot easily and there is a strong elastic “snap” when engaging the heel piece. **DO NOT** over tighten forward pressure.
10. Adjust heel piece positioning as necessary to achieve correct forward pressure .
11. Confirm elastic travel at toe and heel. If forward pressure is too tight, elastic travel will be negatively affected.
12. Proceed to “BINDINGS INDICATOR SETTINGS” & “DISPATCH” on page 59.

PHOTO A



PHOTO B



PHOTO C



**SPX****TEMPLATE:**

Adult Template (See also page 9, item # FCFF001)

**COMPATIBILITY:**

SPX 10 GW, SPX 12 GW with the Gripwalk® "A" logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) Gripwalk® boot soles. Older SPX 12 AW models are also compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) Gripwalk® boot soles.

Older models: LOOK SPX 12 DUAL bindings are compatible with 3 types of soles: ISO 5355 A (Adult), ISO 23223 A (Adult) Gripwalk® when set in "Alpine" setting, and WTR certified when set in "WTR" setting" (See page 15)

LOOK PX, SPX and Rossignol Axial<sup>2</sup>, Axial<sup>3</sup> are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the Adult Template for retail SPX bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

**INSTALLATION**

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). **DO NOT USE WOOD GLUE.**
2. Position toe piece over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe piece is firmly seated on the ski.
3. Visually inspect that the toe piece is seated flush to the top of the ski on **ALL SIDES.**
4. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on **ALL SIDES.**
6. Proceed to "ADJUSTMENT".

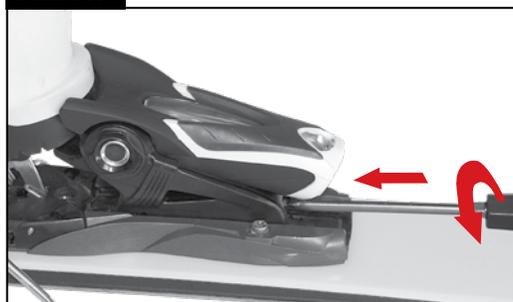
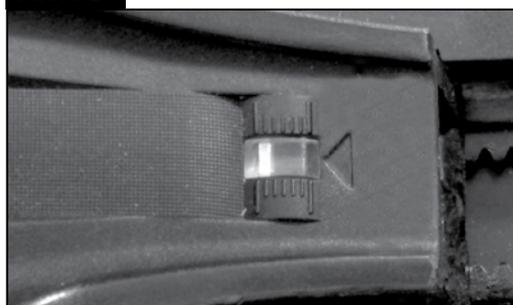
**ADJUSTMENT**

For SPX 12 DUAL only:

1. Determine boot sole type (ISO 5355 A, ISO 23223 A, WTR)
2. Use a flathead screwdriver to adjust selector switch according to the boot sole type. When properly adjusted the arrow indicator points towards the identified norm inscribed in front of the AFD.
  - a. "Alpine" for ISO 5355 A and ISO 23223 A boot soles.
    - i. When properly adjusted to "Alpine" setting a yellow indicator under the AFD (side view) will be visible.
  - b. "WTR" for WTR certified boot soles.
    - i. When properly adjusted to "WTR" setting, no yellow indicator will be visible.
3. Once the boot sole norm has been selected Look and Rossignol DUAL bindings require no further toe height adjustment.
4. Proceed to step 5.

For all other models: Proceed to step 5 below.

5. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
6. Position the boot toe in the binding toe piece without engaging the heel piece.
7. Insert a flathead screwdriver underneath the metal tab at the rear of the heel piece. (photo A)
8. Lift and twist the metal tab to release. The heel piece will now move freely in the track.
9. Adjust the heel piece until it almost contacts the boot heel.
10. Release the metal tab by removing the screwdriver.
11. Bump the heel piece forward, confirming it locks into place.
12. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
13. Confirm forward pressure is correct by checking the forward pressure indicator window in the back of the heel piece: OK = The yellow indicator covers half of the window (Photo B)
14. Adjust heel piece positioning as necessary to achieve correct forward pressure.
15. Proceed to "BINDING INDICATOR SETTINGS" & "DISPATCH" on page 59.

**PHOTO A****PHOTO B**

## NX

### TEMPLATE:

Adult Template (See also page 9, item # FCFF001)

### COMPATIBILITY:

NX 7 GW, NX 10 GW, NX 11 GW, NX 12 GW with the Gripwalk "A" logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) "Gripwalk" boot soles. Older NX 12 AW models are also compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) "Gripwalk" boot soles.

**Note:** NX 7 GW are sold with an AFD that accommodates ISO 5355 A (Adult) and ISO 23223 A (Adult) boot soles. For use with children's boot sole dimensions these bindings must be modified using the Children's Adapter Kit (Item # FCJF001, see page 19).

**Older models:** LOOK NX 12 DUAL bindings are compatible with 3 types of soles: ISO 5355 A (Adult), ISO 23223 A (Adult) Gripwalk<sup>®</sup> when set in "Alpine" setting, and WTR certified when set in "WTR" setting" (See page 15)

LOOK NX 7, NX 10, NX 11, NX 12, Nova and Rossignol Axiom and Saphir are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the Adult Template for retail NX bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

### INSTALLATION

**Note:** NX 7 GW bindings are assembled with 6mm (junior) screws, if installing on adult model skis, replace the screws with the 8mm (adult) screws provided in the box.

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position toe piece over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe piece is firmly seated on the ski.
3. Visually inspect that the toe piece is seated flush to the top of the ski on ALL SIDES.
4. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
6. Proceed to "ADJUSTMENT".

### ADJUSTMENT

For NX 12 DUAL only:

1. Determine boot sole type (ISO 5355 A, ISO 23223 A, WTR)
2. Use a flathead screwdriver to adjust selector switch according to the boot sole type. When properly adjusted the arrow indicator points towards the identified norm inscribed in front of the AFD.
  - a. "Alpine" for ISO 5355 A and ISO 23223 A boot soles.
    - i. When properly adjusted to "Alpine" setting a yellow indicator under the AFD (side view) will be visible.
  - b. "WTR" for WTR certified boot soles.
    - i. When properly adjusted to "WTR" setting, no yellow indicator will be visible.
3. Once the boot sole norm has been selected Look and Rossignol DUAL bindings require no further toe height adjustment.
4. Proceed to step 5 below.

For all other models: Proceed to step 5 below.

5. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
6. Position the boot toe in the binding toe piece without engaging the heel piece.
7. Insert a flathead screwdriver underneath the metal tab at the rear of the heel piece. (photo A)
8. Lift and twist the metal tab to release. The heel piece will now move freely in the track.
9. Adjust the heel piece until it almost contacts the boot heel.
10. Release the metal tab by removing the screwdriver.
11. Bump the heel piece forward, confirming it locks into place.
12. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
13. Confirm forward pressure is correct by checking the forward pressure indicator window on the side of the heel piece: OK = The scribed mark is in the middle of the window (Photo B)

**Note:** The shape of some boot soles may not allow the heel to be positioned so the indicator is in the middle of the window. In this instance, it is acceptable for the indicator to be in the lower (or right) side of the scale.

14. Adjust heel piece positioning as necessary to achieve correct forward pressure.
15. Proceed to "BINDING INDICATOR SETTINGS" & "DISPATCH" on page 59.

PHOTO A



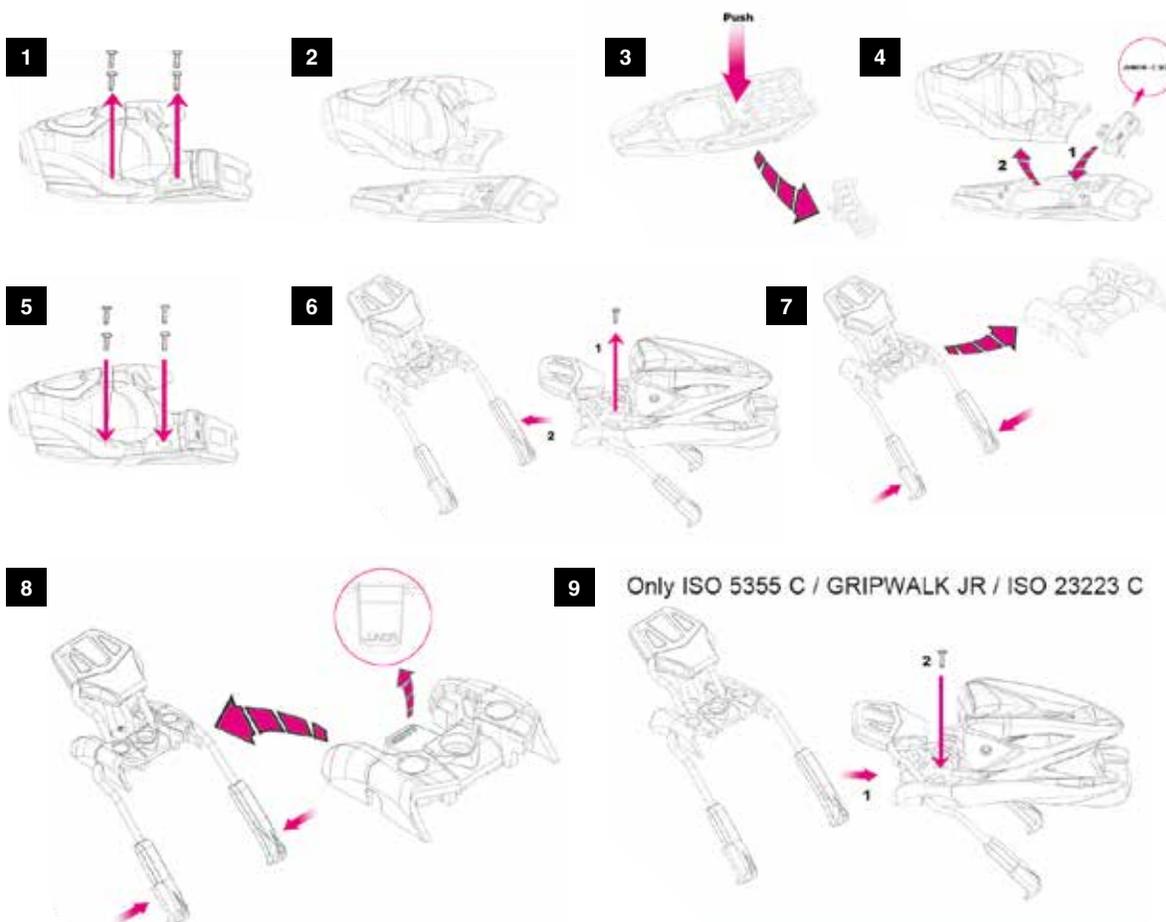
PHOTO B



**NX 7 GW JUNIOR BOOT ADAPTER KIT (ITEM #FCJF001)****INSTALLATION**

**Note:** NX 7 GW bindings are assembled with 6mm (junior) screws, if installing on adult model skis, replace the screws with the 8mm (adult) screws provided in the box.

1. Remove all 4 screws from the toe piece.
2. Remove the toe piece housing from the adult AFD plate.
3. From the bottom of the AFD plate depress tabs and push out the adult AFD gliding surface.
4. From the top of the AFD plate press in the new junior AFD gliding surface.
5. Reinstall appropriate toe piece screws (see note above).
6. Remove brake by unscrewing the brake retention screw.
7. Remove the metal brake arms and adult heel rest.
  - a. Squeeze together metal brake arms and twist to remove from the plastic retention body
8. Install the junior heel rest with metal brake arms in the plastic retention body.
9. Reinstall brake and brake retention screw.
10. Proceed to NX "INSTALLATION", page 18.



## TEAM 4

### TEMPLATE:

Junior Template (See also page 9, item # FCFF002)

### COMPATIBILITY:

LOOK Team 4 GW with the Gripwalk "CA" logo are compatible with ISO 5355 C (Children), ISO 5355 A (Adult), and ISO 23223 C (Children), ISO 23223 A (Adult) "Gripwalk" boot soles.

**Note:** LOOK Team 4 GW bindings automatically adjust to both C (Children) and A (Adult) boot sole norms listed above. Rossignol and Lange junior boots Mondopoint size 22.5 and up have A (Adult) boot sole norms.

**Older models:** LOOK Team 4 and Rossignol Comp J, Saphir J are compatible with with ISO 5355 C (Children), ISO 5355 A (Adult) boot soles.

LOOK Team 2 and Rossignol Comp Kid, Princess are compatible with ISO 5355 C (Children) boot soles only.

### BEFORE DRILLING: (See also "Before Drilling" page 11)

#### For rental

1. Adjust the templates plates and align the rear of the front plate with one of two boot sole length ranges:
  - a. "RTL A" boot sole ranges 203mm – 255mm
  - b. "RTL B" boot sole ranges 245mm – 305mm
2. Lock the template plates with the locking nuts.
3. Place the template flush to the ski and align the midsole mark of the ski and the "RTL" midsole mark of the template. Secure the template in place with the rotating handles.
4. Proceed to "DRILLING".

#### For retail

1. Adjust the templates plates and align the front of the rear plate with the corresponding boot sole length.
2. Lock the template plates with the locking nuts.
3. Place the template flush to the ski and align the midsole mark of the ski and the retail midsole mark of the template. Secure the template in place with the rotating handles.
4. Proceed to "DRILLING".

### DRILLING: (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the Junior Template for Team 4 / Team 4 RTL bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

### INSTALLATION

**Note:** Team 4 GW bindings are assembled with 6mm (junior) screws, if installing on adult model skis, replace the screws with the 8mm (adult) screws provided in the box.

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position toe piece over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe piece is firmly seated on the ski.
3. Visually inspect that the toe piece is seated flush to the top of the ski on ALL SIDES.
4. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
6. Proceed to "ADJUSTMENT".

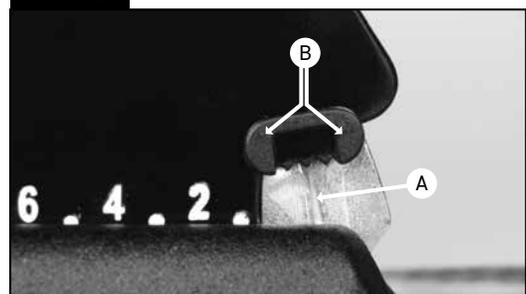
### ADJUSTMENT

1. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
2. Position the boot toe in the binding toe piece without engaging the heel piece.
3. Lift the lever at the bottom rear of the heel piece housing and adjust until the heel piece almost contacts the boot heel. (Photo A)
4. Bump the heel piece forward, confirming it locks into place.
5. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
6. Confirm forward pressure is correct by checking the forward pressure indicator on the side of the heel piece: OK = the scribed line on the metal tab at the rear of the heel piece is within the marks above on the rear of the heel piece. (Photo B)
7. Adjust positioning as necessary to achieve correct forward pressure.
8. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

PHOTO A



PHOTO B



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# RACE ASSEMBLY AND ADJUSTMENT

## ROCKERFLEX

### TEMPLATE:

No Template

### COMPATIBILITY:

LOOK SPX/PX Rockerflex / Maxflex racing models, and Rossignol Axial2/Axial3 World Cup Rockerflex / MFX models are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** Not Applicable

**DRILLING:** Not Applicable

### INSTALLATION

1. Install the plastic rail cover over the metal rail with the 2 holes aligning with the 2 front screws of the heel piece (Photo A).
  2. Place the heel piece on the plate in the holes corresponding to the millimeter length of the boot sole you are mounting for (Photo B). (See chart on page 26.)
  3. Tighten, using 4Nm of torque, each heel screw gradually a few turns at a time until the heel piece is flat and flush on the plate. (Photo C).
  4. Visually inspect that the heel piece is seated flush to the top of the plate on ALL SIDES.
  5. Install brake.
  6. Insert the metal rail coming from the heel through the slot in the toe piece AFD plate just in front of the teflon part (Photo D).
  7. Slide the toe piece AFD plate to the length of the boot sole length you are mounting for, you can see this on the plastic middle cover (Photo E).
  8. Make sure the moon shaped portion on the toe piece AFD and the metal rail clip lock in together (Photo F).
    - a. Rockerflex / MFX 120 - the "moon shaped portion" of the toe is not located on the bottom of the toe piece like the 150 and 200, it is located on the bottom of the AFD. Double check that you are aligning the moon shape of the AFD with the correct relief in the MFX band, this is the connection between the toe and the heel, not the plastic "teeth".
- Note:** for the largest range (326-341mm) the MFX band must engage with the "moon shape" but will not engage the plastic "teeth" (Photo F).
9. Double check that the boot sole range can be seen on the plastic middle cover. The boot range must be visible (Photo E).
    - a. If you are not directly at the holes on the plate that you need, you can adjust the heel piece forward pressure screw to align the plate hole with the screw hole openings on the toe piece AFD plate
  10. Clip the toe piece into the toe piece AFD plate (Photo G).
  11. Tighten, using 4Nm of torque, each toe screw gradually a few turns at a time until the toe piece is flat and flush on the plate (Photo H).
  12. Visually inspect that the toe piece is seated flush to the top of the plate on ALL SIDES.
  13. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
2. Position to boot toe in the binding toe piece without engaging the heel piece.
3. Insert a #3 POZIDRIVE screwdriver into the worm-drive screw at the rear of the heel piece.
4. Turn the worm-drive screw until the heel piece almost contacts the boot heel.
5. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
6. Confirm forward pressure is correct by checking the forward pressure indicator window in the back of the heel piece: OK = the front edge of the recessed scribe mark on the worm-drive screw at the rear of the heel piece is flush with the black plastic heel housing. (Photo I)
7. Adjust heel piece positioning as necessary to achieve correct forward pressure.
8. Proceed to "RACE BINDING INDICATOR SETTINGS".

### RACE BINDING INDICATOR SETTINGS

1. Determine your indicator setting using the 2022/23 Rossignol Group Binding Adjustment Chart on page 69
2. Follow the torque testing procedures located on pages 68 and 69

**Note:** The initial indicator settings found in this table are only the starting point in the boot/binding system setting process. The initial values may need to be modified to achieve the correct measured release values.

3. Discretionary settings are allowable. This is explained on page 70-71. Skiers who need a higher setting will normally have only the heelpiece set higher.
4. If you choose to use a discretionary setting, confirm the performance of the ski/binding/boot system by the following steps:
  - a. Using the Binding Adjustment Chart, follow the appropriate sole length column down to the indicator value you have chosen
  - b. Move to the right across the chart to the reference torque for the twist and lean columns
  - c. The torques above and below the reference torque are INSPECTION RANGE
5. If you find your test results are in the lower part of the INSPECTION RANGE you may increase the indicator setting to a higher measured release value within the INSPECTION RANGE
6. Bindings should be torque tested again after any indicator setting change
7. Proceed to "DISPATCH" on page 59.

PHOTO A

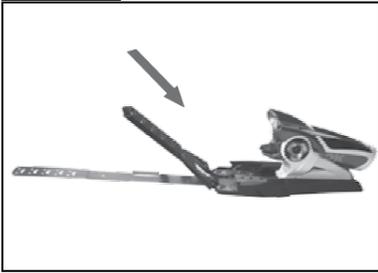


PHOTO B

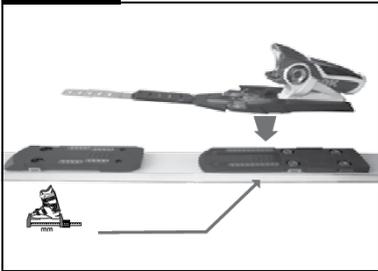


PHOTO C

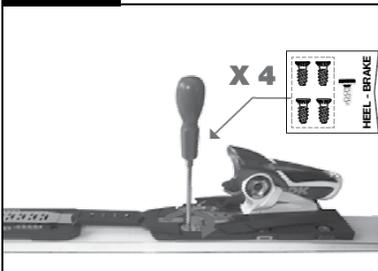


PHOTO D



PHOTO E

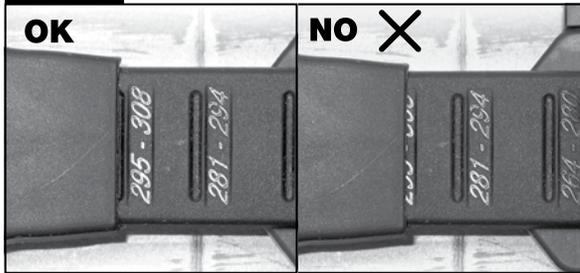


PHOTO F



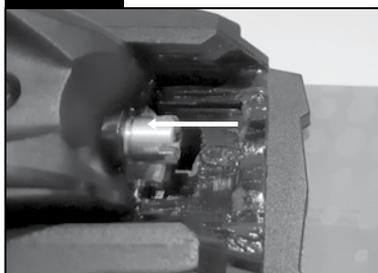
PHOTO G



PHOTO H



PHOTO I



## ROCKERRACE

### TEMPLATE:

No Template

### COMPATIBILITY:

LOOK SPX/PX RockerRace racing models are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** Not Applicable

**DRILLING:** Not Applicable

### INSTALLATION

1. Place the heel piece on the plate in the holes corresponding to the millimeter length of the boot sole you are mounting for (Photo A). (See chart on page 26.)
2. Tighten, using 4Nm of torque, each heel screw gradually a few turns at a time until the heel piece is flat and flush on the plate (Photo B).
3. Visually inspect that the heel piece is seated flush to the top of the plate on ALL SIDES.
4. Install brake. (Photo C)
5. Clip the toe piece into the toe piece AFD plate (Photo D).
6. Place the toe piece on the plate in the holes corresponding to the millimeter length of the boot sole you are mounting for (Photo E). (See chart on page 26.)
7. Tighten, using 4Nm of torque, each toe screw gradually a few turns at a time until the toe piece is flat and flush on the plate (Photo F).
8. Visually inspect that the toe piece is seated flush to the top of the ski on ALL SIDES.
9. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
2. Position to boot toe in the binding toe piece without engaging the heel piece.
3. Insert a #3 POZIDRIVE screwdriver into the worm-drive screw at the rear of the heel piece.
4. Turn the worm-drive screw until the heel piece almost contacts the boot heel. (Photo G)
5. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
6. Confirm forward pressure is correct by checking the forward pressure indicator window in the back of the heel piece: OK = the front edge of the recessed scribe mark on the worm-drive screw at the rear of the heel piece is flush with the black plastic heel housing (Photo H).
7. Adjust heel piece positioning as necessary to achieve correct forward pressure.
8. Proceed to "RACE BINDING INDICATOR SETTINGS".

### RACE BINDING INDICATOR SETTINGS

1. Determine your indicator setting using the 2022/23 Rossignol Group Binding Adjustment Chart on page 69.
2. Follow the torque testing procedures located on pages 68 and 69.

**Note:** The initial indicator settings found in this table are only the starting point in the boot/binding system setting process. The initial values may need to be modified to achieve the correct measured release values.

3. Discretionary settings are allowable. This is explained on page 70-71. Skiers who need a higher setting will normally have only the heelpiece set higher.
4. If you choose to use a discretionary setting, confirm the performance of the ski/binding/boot system by the following steps:
  - a. Using the Binding Adjustment Chart, follow the appropriate sole length column down to the indicator value you have chosen
  - b. Move to the right across the chart to the reference torque for the twist and lean columns
  - c. The torques above and below the reference torque are INSPECTION RANGE
5. If you find your test results are in the lower part of the INSPECTION RANGE you may increase the indicator setting to a higher measured release value within the INSPECTION RANGE
6. Bindings should be torque tested again after any indicator setting change
7. Proceed to "DISPATCH" on page 59.

PHOTO A

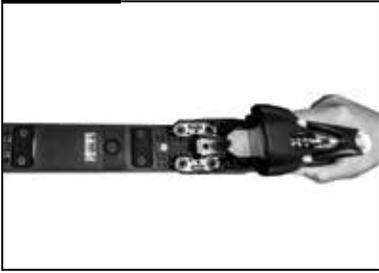


PHOTO B



PHOTO C



PHOTO D



PHOTO E



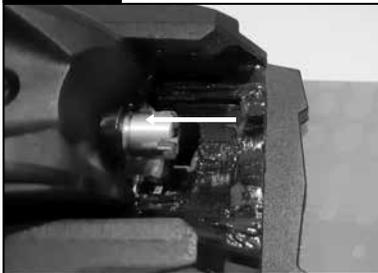
PHOTO F



PHOTO G



PHOTO H



## RACE PLATE INSTRUCTIONS

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**TEMPLATE:**

No Template

**COMPATIBILITY:**

See specific binding model for boot sole compatibility.

**BEFORE DRILLING:** Not Applicable

**DRILLING:** Not Applicable

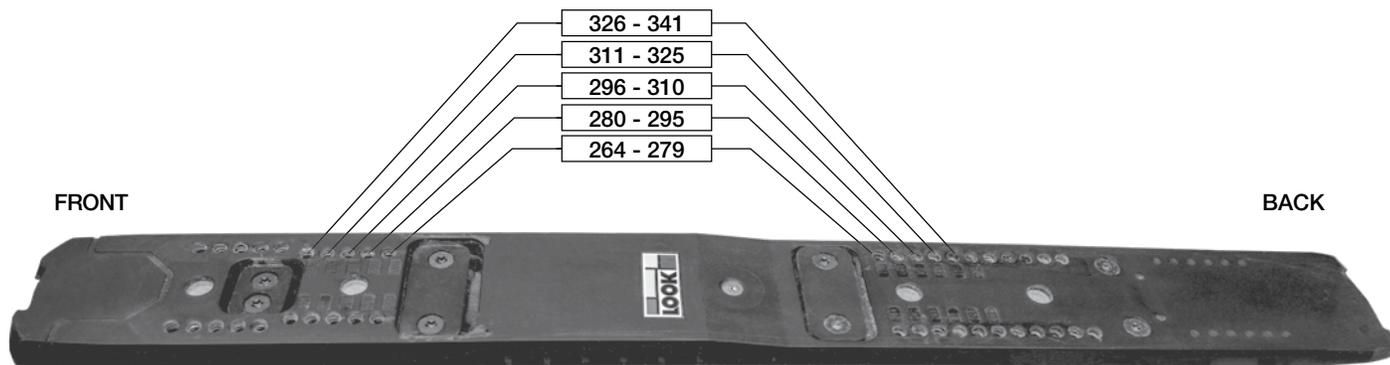
**GENERAL INSTALLATION INFORMATION**

Follow binding model specific installation and adjustment procedures found in this manual.

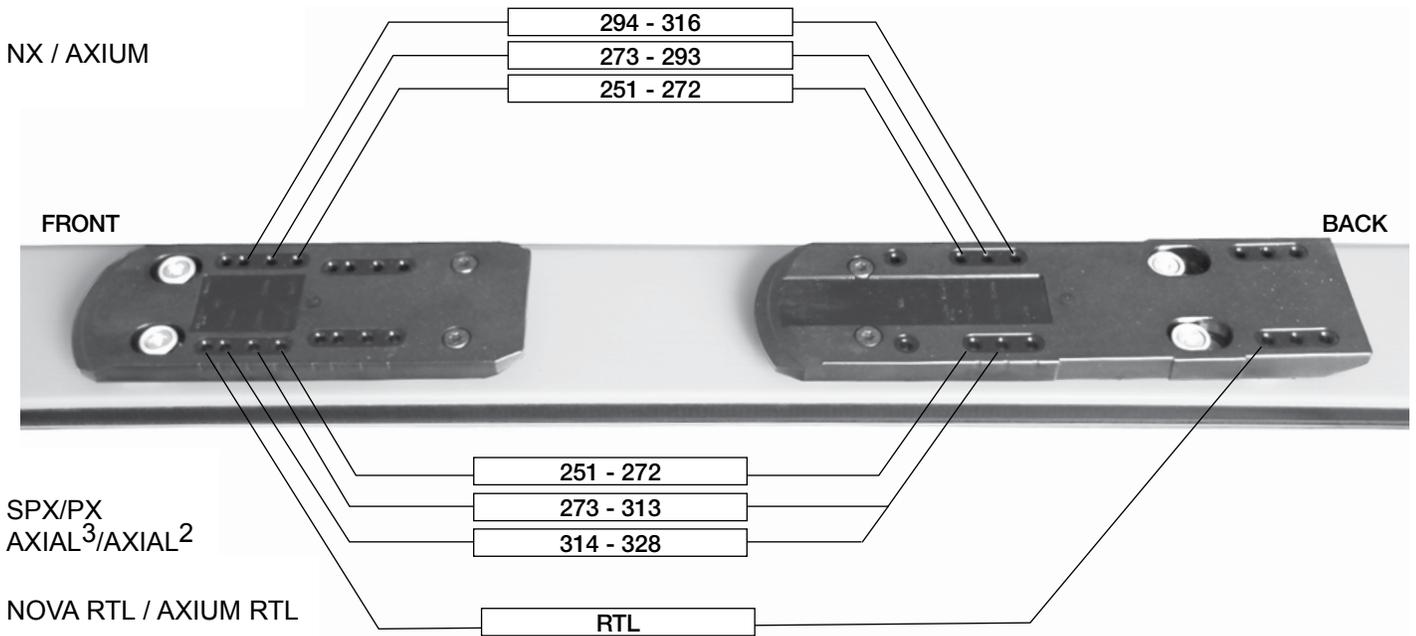
1. Identify specific plate model (R20 Pro, R21 Pro, R22 Pro) and confirm compatibility with the specific binding model to be installed. Refer to pages 26 and 27.
2. Align front toe screws with the front toe holes on the race plate that correspond to the mm boot sole length that you are mounting to. Refer to pages 26 and 27.
3. Align front heel screws with the front heel holes on the race plate that correspond to the mm boot sole length that you are mounting to. Refer to pages 26 and 27.
4. Using a #3 POZIDRIVE screwdriver, insert binding screws in a cross-pattern until firmly seated on plate.
5. Using a screwshooter, set torque as recommended and tighten screws to correct Nm of torque. (If torque is not set correctly, intermittently pull the trigger until the binding is firmly seated)
6. Follow binding model specific installation and adjustment procedures found in this manual.

## R22 RACING PLATE

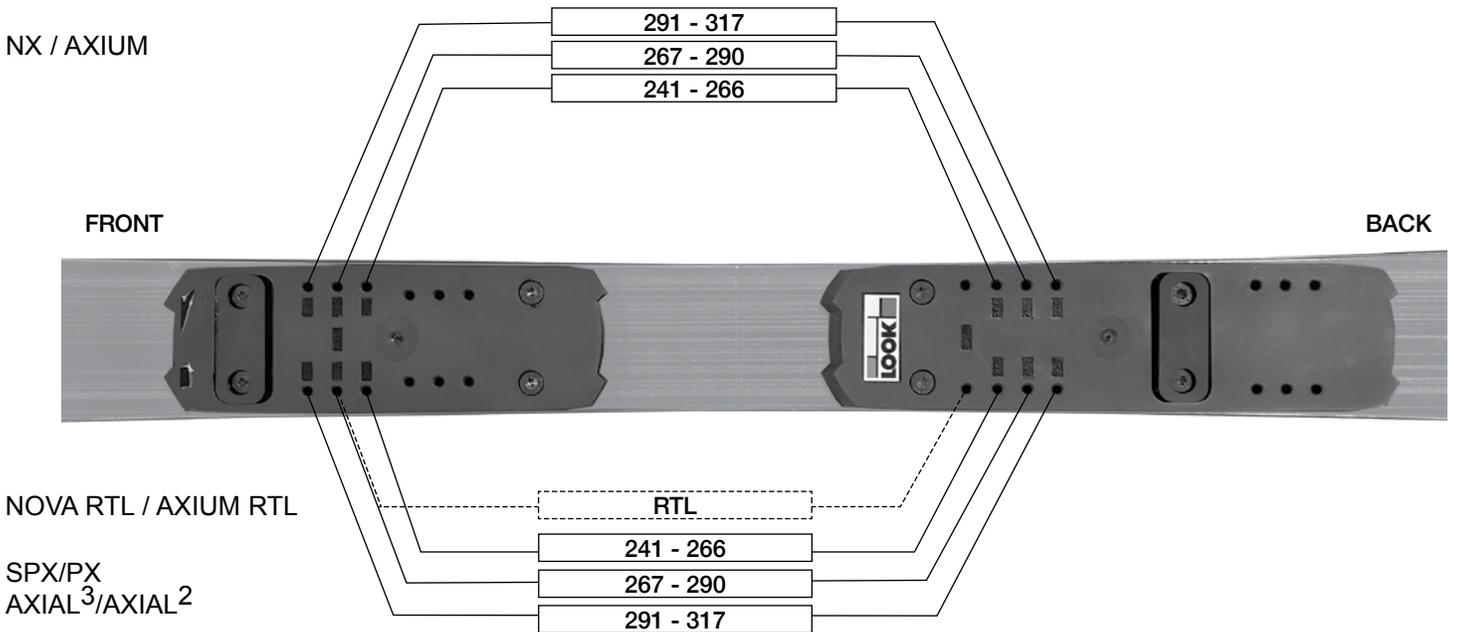
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**R20 PRO PLATE**



**R21 PRO PLATE**



# SYSTEM & RENTAL ASSEMBLY AND ADJUSTMENT

## KONECT SYSTEM & RENT SYS

### TEMPLATE:

RTL SYS Template (See also page 9, item # FCGF101)

### COMPATIBILITY:

LOOK SPX 12 Konect GW, SPX 14 Konect GW, NX 12 Konect GW with the Gripwalk® "A" logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) Gripwalk® boot soles.

Older models: LOOK SPX 12 Konect DUAL, NX 12 Konect DUAL bindings are compatible with 3 types of soles: ISO 5355 A (Adult), ISO 23223 A (Adult) Gripwalk® when set in "Alpine" setting, and WTR certified when set in "WTR" setting" (See page 15.)

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Align the ski mount position and template to the "KONECT" mount position.

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe plate and heel plate holes indicated on the RTL SYS Template for KONECT bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.

**Note:** To prevent stripped screws: *BEFORE INSTALLATION* back out the plate screws until the tip of each screw is at least flush with the base of the plate, allowing the plate to sit completely flat on the topsheet of the ski.

3. Proceed to "INSTALLATION".

### INSTALLATION

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). **DO NOT USE WOOD GLUE.**
2. Position toe plate over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe plate is firmly seated on the ski.
3. Visually inspect that the toe plate is seated flush to the top of the ski on **ALL SIDES.**
4. Position heel plate over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel plate is firmly seated on the ski.
5. Visually inspect that the heel plate is seated flush to the top of the ski on **All SIDES.**
6. Slide Heel piece onto the integrated track:
  - a. Holding up lever at the rear of the heel piece, place the heel piece onto the middle of the track and slide heel piece all the way back. (Photo A)
7. Slide toe piece onto the integrated track:
  - a. Holding up lever at the rear of the toe piece, place the toe piece onto the middle of the track and slide toe piece all the way forward. (Photo B)
8. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Set toe and heel piece to corresponding boot sole length position on track (Photos C & D)
  - a. Refer to adjustment chart on page 29.
  - b. Align the rear of the toe piece with the corresponding boot sole length mark.
  - c. Align the front of the heel piece with the corresponding boot sole length mark.
  - d. Lock levers down in closed position.
  - e. Tap toe and heel piece to confirm they are locked in place.

For SPX 12 DUAL and NX 12 DUAL only:

2. Determine boot sole type (ISO 5355 A, ISO 23223 A, WTR)
3. Use a flathead screwdriver to adjust selector switch according to the boot sole type. When properly adjusted the arrow indicator points towards the identified norm inscribed in front of the AFD.
  - a. "Alpine" for ISO 5355 A and ISO 23223 A boot soles.
    - i. When properly adjusted to "Alpine" setting a yellow indicator under the AFD (side view) will be visible.
  - b. "WTR" for WTR certified boot soles.
    - i. When properly adjusted to "WTR" setting, no yellow indicator will be visible.
4. Once the boot sole norm has been selected Look and Rossignol DUAL bindings require no further toe height adjustment.
5. Proceed to step 6 below.

For all other models: Proceed to step 6 below.

6. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
7. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
8. Confirm forward pressure is correct by checking the forward pressure indicator at the rear of the heel piece (Photos E & F):
  - a. SPX Konect: OK = Forward pressure indicator (the end of the metal stud) should not extend outside of the horseshoe shaped housing on the rear of the binding.
  - b. NX Konect: OK = Forward pressure indicator (the end of the metal stud) should not extend outside of the horseshoe shaped housing on the rear of the binding.
9. Adjust positioning as necessary to achieve correct forward pressure.
10. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

PHOTO A

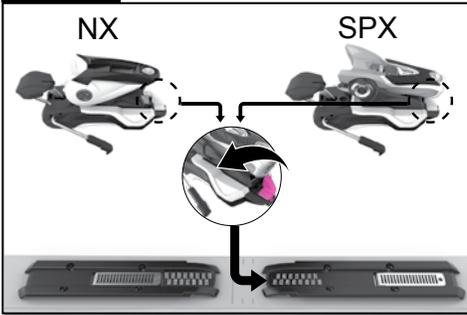


PHOTO B

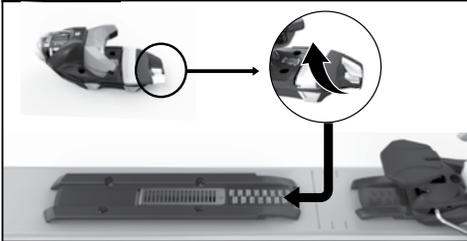


PHOTO C

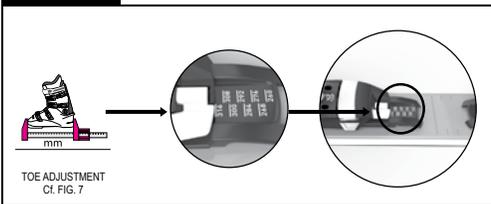


PHOTO D

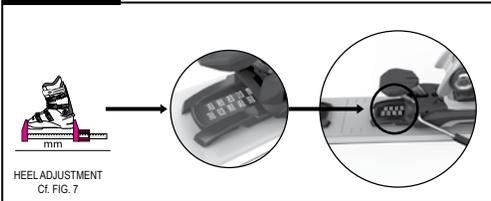


PHOTO E

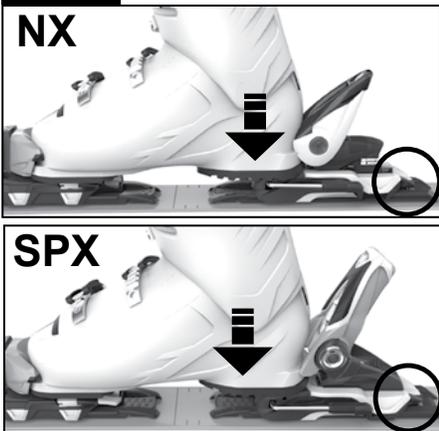
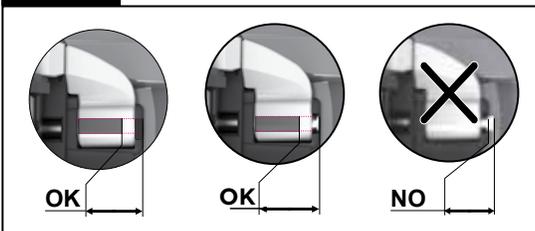


PHOTO F



### KONECT ADJUSTMENT CHART

To position the binding on the plate, select the minimum of the range including the value of the boot sole length.

Example: boot sole length = 310mm > select 308 for toe piece and 304 for the heel piece.

 mm	<b>TOE ADJUSTMENT</b>	<b>HEEL ADJUSTMENT</b>
260 - 263	260	260
264 - 267		264
268 - 271	268	272
272 - 275		276
276 - 279	276	280
280 - 283		284
284 - 287	284	288
288 - 291		292
292 - 295	292	296
296 - 299		300
300 - 303	300	304
304 - 307		308
308 - 311	308	312
312 - 315		316
316 - 319	316	320
320 - 323		324
324 - 327	324	328
328 - 331		332
332 - 335	332	336
336 - 339		340
340 - 343	340	344
344 - 347		348
348 - 351	348	352
352 - 355		356
356 - 359	356	360
360 - 363		364
364 - 367	364	368
368 - 371		372
372 - 375	372	

## XPRESS SYSTEM & RENT SYS

### TEMPLATE:

RTL SYS Template (See also page 9, item # FCGF101)

### COMPATIBILITY:

LOOK Xpress 7 GW, Xpress 10 GW, Xpress 11 GW with the Gripwalk "A" logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) "Gripwalk" boot soles.

**Older models:** LOOK Xpress Team, Xpress 7, Xpress 10, Xpress 11 and Rossignol Xelium, Xelium Jr bindings are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Align the ski mount position and template to the "XPRESS" mount position.

**Note:** Older models may require use of an older template (Item #FC0F001). Before drilling, with template adjusted and seated on ski correctly check binding screw pattern against template holes. The binding model will determine which template holes to use.

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe plate and heel plate holes indicated on the RTL SYS Template for XPRESS bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.

**Note:** To prevent stripped screws: BEFORE INSTALLATION back out the plate screws until the tip of each screw is at least flush with the base of the plate, allowing the plate to sit completely flat on the topsheet of the ski.

3. Proceed to "INSTALLATION".

### INSTALLATION

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position toe plate over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe plate is firmly seated on the ski.
3. Visually inspect that the toe piece is seated flush to the top of the ski on ALL SIDES.
4. Position heel plate over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
6. Ensure that the plastic brake retaining clip is flush with the heel housing (Photo A)
7. Slide Heel piece onto the integrated track:
  - a. Holding up lever on the side of the heel piece, place the heel piece onto the middle of the track and slide heel piece all the way back. (Photo B)
8. Slide toe piece onto the integrated track:
  - a. Holding up lever on the side of the toe piece, place the toe piece onto the middle of the track and slide toe piece all the way forward. (Photo C)
9. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Set toe and heel piece to corresponding boot sole length position on track
  - a. Refer to adjustment chart on page 31.
  - b. Align the rear of the toe piece with the corresponding boot sole length mark.
  - c. Align the front of the brake retaining clip with the corresponding boot sole length mark.
  - d. Tap toe and heel piece to confirm they are locked in place.
2. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
3. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
4. Confirm forward pressure is correct by checking the forward pressure indicator on the side of the heel piece (Photos D):
  - a. OK = Yellow indicator tab is in the front half of the window (Photo D)
5. Adjust positioning as necessary to achieve correct forward pressure.
6. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

PHOTO A



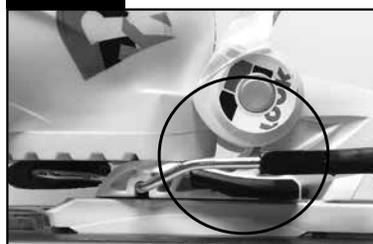
PHOTO B



PHOTO C



PHOTO D



**XPRESS<sup>2</sup> / XPRESS ADJUSTMENT CHARTS**

**XPRESS2**

	TOE ADJUSTMENT	HEEL ADJUSTMENT
260 - 265	<u>260</u>	<u>260</u>
266 - 271	<u>266</u>	<u>266</u>
272 - 277	<u>272</u>	<u>272</u>
278 - 283	<u>278</u>	<u>278</u>
284 - 289	<u>284</u>	<u>284</u>
290- 295	<u>290</u>	<u>290</u>
296 - 301	<u>296</u>	<u>296</u>
302 - 307	<u>302</u>	<u>302</u>
308 - 313	<u>308</u>	<u>308</u>
314 - 319	<u>314</u>	<u>314</u>
320 - 325	<u>320</u>	<u>320</u>
326 - 331	<u>326</u>	<u>326</u>
332 - 337	<u>332</u>	<u>332</u>
338 - 343	<u>338</u>	<u>338</u>
344 - 349	<u>344</u>	<u>344</u>
350 - 355	<u>350</u>	<u>350</u>
356 - 361	<u>356</u>	<u>356</u>
362 - 367	<u>362</u>	<u>362</u>
368 - 373	<u>368</u>	<u>368</u>
374 - 379	<u>374</u>	<u>374</u>
380 - 385	<u>380</u>	<u>380</u>

**XPRESS / XELIUM  
ADULT**

	TOE ADJUSTMENT	HEEL ADJUSTMENT
261 - 266	261	261
267 - 272	267	267
273 - 278	273	273
279 - 284	279	279
285 - 290	285	285
291- 296	291	291
297 - 302	297	297
303 - 308	303	303
309 - 314	309	309
315 - 320	315	315
321 - 326	321	321
327 - 332	327	327
333 - 338	333	333
339 - 344	339	339
345 - 350	345	345
351 - 356	351	351
357 - 362	357	357
363 - 368	363	363
369 - 374	369	369
375 - 380	375	375
381 - 386	381	381

**XPRESS TEAM / XELIUM JUNIOR  
JUNIOR: DIN 2-7**

	TOE ADJUSTMENT	HEEL ADJUSTMENT
261 - 266	261	261
267 - 272	267	267
273 - 278	273	273
279 - 284	279	279
285 - 290	285	285
291- 296	291	291
297 - 302	297	297
303 - 308	303	303
309 - 314	309	309
315 - 320	315	315
321 - 326	321	321
327 - 332	327	327

## KID 4 / KID X SYSTEM & RENT SYS

### TEMPLATE:

RTL SYS Template (See also page 9, item # FCGF101)

### COMPATIBILITY:

LOOK Kid 4 GW, Kid X GW with the Gripwalk "CA" logo are compatible with ISO 5355 C (Children), ISO 5355 A (Adult), and ISO 23223 C (Children), ISO 23223 A (Adult) "Gripwalk" boot soles.

**Note:** LOOK Kid 4 GW bindings automatically adjust to both C (Children) and A (Adult) boot sole norms listed above. Rossignol and Lange junior boots Mondopoint size 22.5 and up have A (Adult) boot sole norms.

**Older models:** LOOK/Rossignol Kid X, Kid X 4, LOOK Xpress Kid, Rossignol Xelium Kid are compatible with with ISO 5355 C (Children), ISO 5355 A (Adult) boot soles.

### BEFORE DRILLING:

 (See also "Before Drilling" page 11)

1. Align the ski mount position and template to the "KIDX" mount position.

**Note:** Older models may require use of an older template (Item #FCOF001). Before drilling, with template adjusted and seated on ski correctly check binding screw pattern against template holes. The binding model will determine which template holes to use.

### DRILLING:

 (See also "Drilling & Tapping" page 11)

1. Drill the toe plate and heel plate holes indicated on the RTL SYS Template for "KID X" bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.

**Note:** To prevent stripped screws: BEFORE INSTALLATION back out the plate screws until the tip of each screw is at least flush with the base of the plate, allowing the plate to sit completely flat on the topsheet of the ski.

3. Proceed to "INSTALLATION".

### INSTALLATION

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position toe plate over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe plate is firmly seated on the ski. (Photo A)
3. Visually inspect that the toe plate is seated flush to the top of the ski on ALL SIDES.
4. Position heel plate over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel plate is firmly seated on the ski.
5. Visually inspect that the heel plate is seated flush to the top of the ski on All SIDES.
6. Slide toe piece onto the integrated track:
  - a. Holding up lever on the side of the toe piece, place the toe piece onto the middle of the track and slide toe piece all the way forward. (Photo B)
7. Slide Heel piece onto the integrated track:
  - a. Holding up lever at the bottom rear of the heel piece housing, place the heel piece onto the middle of the track and slide heel piece all the way back. (Photo C)
8. Install the brake by inserting into track and tightening the brake retention screw with a #3 POZIDRIVE screwdriver. (Photo D)
9. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Set toe and heel piece to corresponding boot sole length position on track
  - a. Refer to adjustment chart on pages 34 and 35.
  - b. Align the rear of the toe piece with the corresponding boot sole length mark.
  - c. Align the corresponding boot sole length mark on the heel housing with the notched cut-out on the heel track. (Photo E)
  - d. Tap toe and heel piece to confirm they are locked in place.
2. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
3. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
4. Confirm forward pressure is correct by checking the forward pressure indicator on the side of the heel piece: OK = the scribed line on the metal tab at the rear of the heel piece is within the marks above on the rear of the heel piece. (Photo F)
5. Adjust positioning as necessary to achieve correct forward pressure.
6. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

PHOTO A

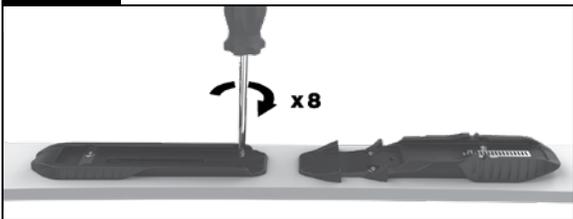


PHOTO B

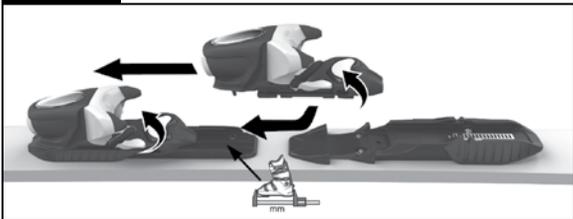


PHOTO C

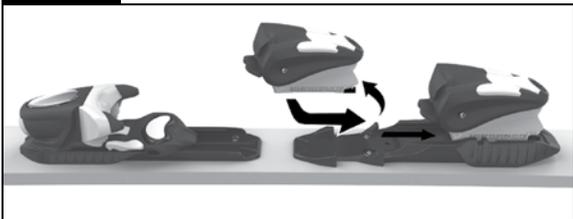


PHOTO D

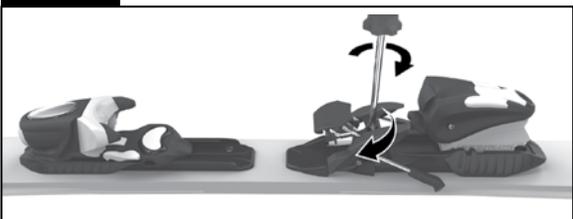


PHOTO E

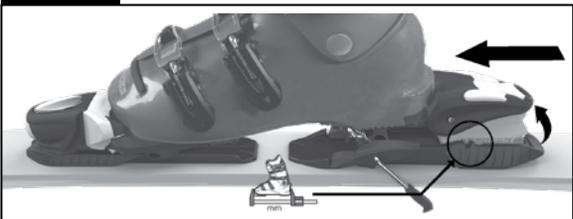
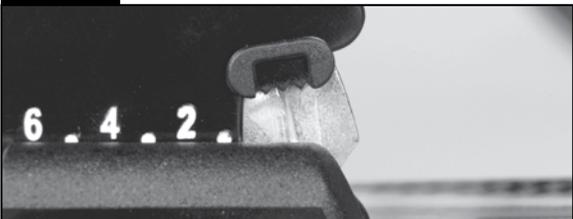
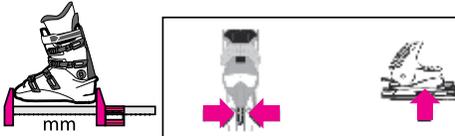


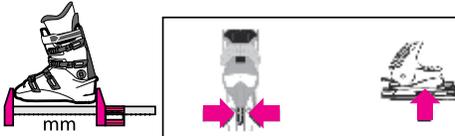
PHOTO F



### KID 4 GW ADJUSTMENT CHART

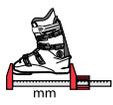
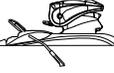


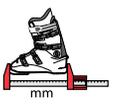
205	<b>205</b>	<b>205</b>
206		
207		
208		
209		
210	<b>213</b>	<b>210</b>
211		
212		
213		
214		
215	<b>220</b>	<b>217</b>
216		
217		
218		
219		
220	<b>227</b>	<b>224</b>
221		
222		
223		
224		
225	<b>234</b>	<b>231</b>
226		
227		
228		
229		
230	<b>241</b>	<b>238</b>
231		
232		
233		
234		
235	<b>248</b>	<b>245</b>
236		
237		
238		
239		
240	<b>248</b>	<b>252</b>
241		
242		
243		
244		
245	<b>248</b>	<b>252</b>
246		
247		
248		
249		
250	<b>248</b>	<b>252</b>
251		
252		
253		
254		



255	<b>255</b>	<b>252</b>
256		
257		
258		
259		
260	<b>262</b>	<b>259</b>
261		
262		
263		
264		
265	<b>269</b>	<b>266</b>
266		
267		
268		
269		
270	<b>276</b>	<b>273</b>
271		
272		
273		
274		
275	<b>283</b>	<b>280</b>
276		
277		
278		
279		
280	<b>290</b>	<b>287</b>
281		
282		
283		
284		
285	<b>297</b>	<b>294</b>
286		
287		
288		
289		
290	<b>304</b>	<b>301</b>
291		
292		
293		
294		
295	<b>304</b>	<b>301</b>
296		
297		
298		
299		
300	<b>304</b>	<b>301</b>
301		
302		
303		
304		
305	<b>304</b>	<b>301</b>

**XPRESS KID / XELIUM KID ADJUSTMENT CHART**

 mm	TOE ADJUSTMENT 	HEEL ADJUSTMENT 
210	210	1
211		1
212		2
213		2
214		3
215		3
216		3
217		4
218		4
219		4
220	220	3
221		3
222		4
223		4
224		4
225		5
226		5
227		5
228		6
229		6
230	230	4
231		4
232		5
233		5
234		5
235		6
236		6
237		6
238		7
239		7
240	240	5
241		5
242		6
243		6
244		6
245		7
246		7
247		7
248		8
249		8

 mm	TOE ADJUSTMENT 	HEEL ADJUSTMENT 
250	250	8
251		8
252		8
253		8
254		9
255		9
256		9
257		10
258		10
259		10
260	260	9
261		9
262		9
263		10
264		10
265		10
266		11
267		11
268		11
269		11
270	270	11
271		11
272		11
273		11
274		12
275		12
276		12
277		13
278		13
279		13
280	280	12
281		12
282		12
283		13
284		13
285		13
286		13
287		13
288	290	13
289		13
290		13

## SPX METRIX

### TEMPLATE:

Adult Template (See also page 9, item # FCFF001)

### COMPATIBILITY:

SPX Metrix GW with the Gripwalk "A" logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) "Gripwalk" boot soles.

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

#### If using the Metrix Drilling Sole (Item # FOLF001)

1. Adjust the toe and heel plates of the template so the Metrix Drilling Sole accessory is securely positioned between the toe and heel boot stops. Lock the template with the locking nuts.
2. Place the template (with Metrix Drilling Sole) flush to the ski and align midsole mark of the ski and the midsole mark of the Metrix Drilling Sole. Secure the template in place with the rotating handles.
3. Remove the drilling sole accessory from template.
4. Proceed to "DRILLING".

#### If not using the Metrix Drilling Sole

1. Adjust the toe and heel place of the template to a 300mm boot sole length. Lock the template with the locking nuts. (Photo A)
2. Measure and mark a line on the Adult Template -5mm behind the retail midsole mark.

**Suggested:** Use a pen and piece of masking or blue painters tape to mark the new midsole line on the Adult Template -5mm behind the retail midsole mark.

3. Place the template flush to the ski and align the midsole mark of the ski and the new (-5mm from retail) midsole mark of the template. Secure the template in place with the rotating handles. (Photo B)
4. Proceed to "DRILLING".

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the Adult Template for retail SPX bindings. Tap if necessary. (Photo C)
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

### INSTALLATION

**Extra Precautions:** There are risers attached to the heel track used to achieve correct ramp angles. Before installing heel pieces, ensure that each heel piece has the plastic riser securely attached to the heel track. If the riser is missing, and the heel piece is installed, the screws will be too long and damage the ski. (Photo D)

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE. (Photo E)
2. Remove toe plates and screws from packaging and position over front holes.
3. Insert plate screws and tighten in a cross-pattern using 4Nm of torque until toe plate is firmly seated on the ski. (Photo F)
4. Visually inspect that the toe plate is seated flush to the top of the ski on ALL SIDES.
5. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque until heel piece is firmly seated on the ski. (Photo G)
6. Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
7. Insert toe piece into toe plate track by starting at the front of the plate and sliding the toe piece rearward until the worm drive engages. (Photo H)
8. With a #3 POZIDRIVE screwdriver, use the worm drive screw at the front of the toe piece to move the toe piece to the center of the toe plate.
9. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Refer to the adjustment chart on page 38 to set toe and heel piece to corresponding boot sole length positions.
  - a. With a #3 POZIDRIVE screwdriver, use the worm drive screw at the front of the toe piece, below the Indicator Setting adjustment screw, to align the front of the crescent shaped cut out to the boot sole length indicator on the toe plate (Photo I).
  - b. With a flathead screwdriver, twist to lift the metal tab at the rear of the heel piece. (Photo J)
    - i. Slide the heel piece until the arrow on the side of the heel piece aligns with the boot sole length indicator on the side of the heel track (Photo K).
    - ii. Bump the heel piece to confirm it is locked in place.
2. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
3. Confirm forward pressure is correct by checking the forward pressure indicator window in the back of the heel piece: OK = The yellow indicator covers half of the window (Photo L)
4. Adjust positioning as necessary to achieve correct forward pressure.
5. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

PHOTO A

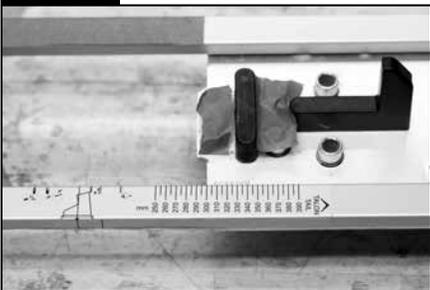


PHOTO E



PHOTO I



PHOTO B

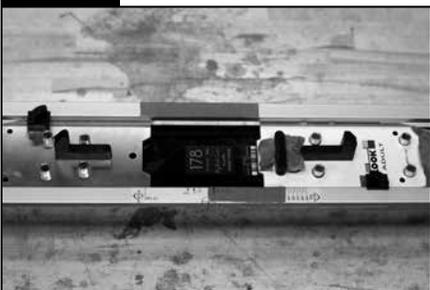


PHOTO F



PHOTO J



PHOTO C



PHOTO G



PHOTO K

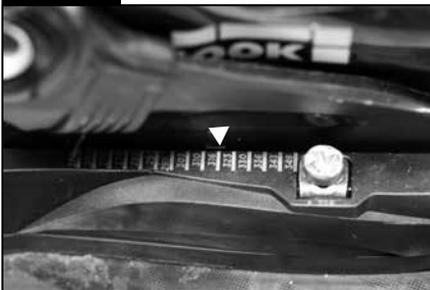


PHOTO D



PHOTO H



PHOTO L



**SPX METRIX ADJUSTMENT CHART**

	TOE ADJUSTMENT 	HEEL ADJUSTMENT 
260 - 263	260	260
264 - 266		264
267 - 269	267	
270 - 273		270
274 - 276	274	
277 - 279		277
280 - 282	280	
283 - 286		283
287 - 289	287	
290 - 292		290
293 - 296	293	
297 - 299		297
300 - 302	300	
303 - 306		303
307 - 309	307	
310 - 312		310
313 - 315	313	
316 - 319		316
320 - 322	320	
323 - 325		323
326 - 329	326	
330 - 332		330
333 - 335	333	
336 - 339		336
340 - 342	340	
343 - 345		343
346 - 348	346	
349 - 352		349
353 - 355	353	
356 - 358		356
359 - 360	359	

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**DEMO<sup>2</sup> / SPEEDSET****TEMPLATE:**

Older Adult Template (item # FC0F001)

**COMPATIBILITY:**

**Older models:** LOOK SPX/PX/NX Demo2 and Rossignol Axial 2/ Axial 3/Axium SpeedSet (EPR)/Quickset bindings are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Unlock the locking lever (A) and align the open arrow under the "R" position (or align template with the 290 mm sole length).
2. Push in the yellow locking button (D) opposite locking lever (A). (If done correctly the "R" position will now be highlighted above the arrow.)
3. Hold the template so the two grips are facing away from you. (photo below)
4. Rotate the two grips to open the clamps of the template.
5. Place the template flush to the ski and release the grips
  - a. To accommodate narrower/wider width skis:
    - i. Remove rubber template feet
    - ii. Re-install ALL FOUR so they face the opposite direction (page 10, photo 3).
6. Align template on ski using the BOOT MID-SOLE mark and the ski center mark.
7. Proceed to "DRILLING".

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill Speedset EPR/ Demo<sup>2</sup> toe track holes using the bushings coded RED.
2. Drill Speedset EPR/ Demo<sup>2</sup> heelpiece holes using bushings coded GREEN.
3. Remove template, turn ski over and tap with hand, removing all debris.

**Note:** To prevent stripped screws: BEFORE INSTALLATION back out the plate screws until the tip of each screw is at least flush with the base of the plate, allowing the plate to sit completely flat on the topsheet of the ski.

4. Proceed to "INSTALLATION".

**INSTALLATION**

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position toe track over toe holes and tighten toe screws in a cross-pattern using 4Nm of torque (maximum) until toe track is firmly seated on the ski.
3. Visually inspect that the toe track is seated flush to the top of the ski on ALL SIDES.
4. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
6. Slide toe piece onto the toe track:
  - a. With the toe piece locking lever open, place the toe piece onto the middle of the track and slide toe piece all the way forward.
  - b. Close the locking lever.
7. Proceed to "ADJUSTMENT".

**ADJUSTMENT**

1. Set toe and heel piece to corresponding boot sole length position on track
  - a. Refer to adjustment chart on page 41.
  - b. Align the rear of the toe piece with the corresponding boot sole length mark.
  - c. Align the mark on the heel piece with the corresponding boot sole length mark.
  - d. Lock levers in closed position. (Photo A)
  - e. Tap toe and heel piece to confirm they are locked in place.
2. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
3. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
4. Confirm forward pressure is correct by checking the forward pressure indicator:
  - a. SPX/PX, Axial2/Axial3: OK = At the rear of the heel piece, yellow forward pressure indicator covers half of the window. (Photo B)
  - b. NX/Nova, Axium/Saphir: OK = On the side of the heel piece, the scribed mark forward pressure indicator is in the middle of the window. (Photo C)
5. Adjust positioning as necessary to achieve correct forward pressure.
6. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

**QUICKSET /SPEEDSET  
ADJUSTMENT CHART**

PHOTO A

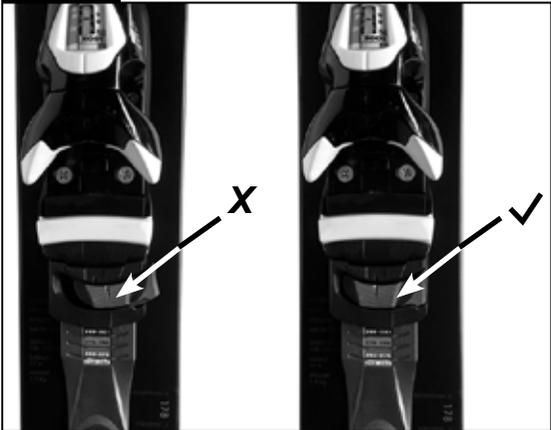


PHOTO B

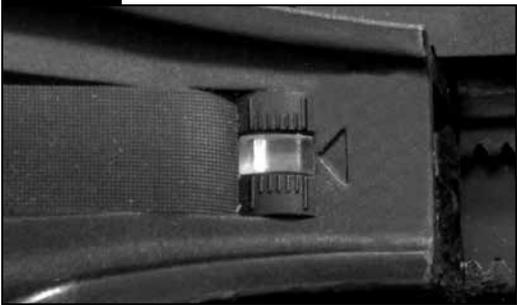


PHOTO C



QUICKSET SPEEDSET		
		
mm		
258 - 259	258-262	258
260 - 262		260
263 - 266	263-275	263
267 - 269		267
270 - 272		270
273 - 275		273
276 - 279	276-288	276
280 - 282		280
283 - 285		283
286 - 288		286
289 - 292		289-301
293 - 295	293	
296 - 298	296	
299 - 301	299	
302 - 305	302-314	302
306 - 308		306
309 - 311		309
312 - 314		312
315- 318	315-327	315
319- 321		319
322 - 324		322
325 - 327		325
328 - 331		328-340
332 - 334	332	
335 - 337	335	
338 - 340	338	
341- 344	341-386	
345 - 347		345
348 - 350		348
351- 353		351
354 - 356		354
357 - 359		357
360 - 362		360
363 - 365		363
366 - 368		366
367 - 371		369
372 - 374		372
375 - 377		375
378 - 380		378
381- 383		381
384 - 386	384	

FLASH IRS  
PINK

FLASH IRS  
RED

FLASH IRS  
BLACK

FLASH IRS  
SILVER

## RTL - IRS - FLASH

### TEMPLATE:

Adult Template (See also page 9, item # FCFF001)

### COMPATIBILITY:

NX RTL/IRS/Flash GW models with the Gripwalk "A" logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) "Gripwalk" boot soles.

**Note:** NX 7 GW RTL are sold with an AFD that accommodates ISO 5355 A (Adult) and ISO 23223 A (Adult) boot soles. For use with children's boot sole dimensions these bindings must be modified using the Children's Adapter Kit (Item # FCJF001). Refer to Junior Adapter Kit, page 19.

**Older models:** LOOK NX RTL and Rossignol Flash IRS/IRS models are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

**Note:** IRS skis are pre-drilled. No template is needed. Proceed to "Installation."

- Adjust the templates plates and align the rear of the front plate with one of two boot sole length ranges: (Photo A)
  - "RTL A" boot sole ranges 254mm – 340mm
  - "RTL D" boot sole ranges 298mm – 384mm
- Lock the template plates with the locking nuts.
- Place the template flush to the ski and align the midsole mark of the ski and the "RTL" midsole mark of the template. (Photo B). Secure the template in place with the rotating handles.
- Proceed to "DRILLING".

**Note:** Older models may require use of an older template (Item# FC0F001). This template must be set to a 300mm boot sole length. Align the template's midsole mark 1cm forward of the ski's mount position. Use the black front bushings and orange rear bushings.

**DRILLING:** (See also "Drilling & Tapping" page 11)

- Drill the toe and heel holes indicated on the Adult Template for NX RTL bindings. Tap if necessary. (Photo C)
- Remove template, turn ski over and tap with hand, removing all debris.
- Proceed to "INSTALLATION".

### INSTALLATION

**Note:** NX 7 GW RTL bindings are assembled with 6mm (junior) screws, if installing on adult model skis, replace the screws with the 8mm (adult) screws provided in the box.

- Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
- Position toe piece over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe piece is firmly seated on the ski.
- Visually inspect that the toe piece is seated flush to the top of the ski on ALL SIDES.
- Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
- Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
- Proceed to "ADJUSTMENT".

### ADJUSTMENT

- Ensure that the binding heel piece is completely open by pressing down on the heel piece.
- Position to boot toe in the binding toe piece without engaging the heel piece.
  - Refer to adjustment charts on page 43.
  - Align the arrow on the heel piece with the corresponding boot sole length code on the heel track.
  - Tap heel piece to confirm it is locked in place.
- Insert the boot into the binding with authority, ensuring the heel piece is engaged.
- Confirm forward pressure is correct by checking the forward pressure indicator window on the side of the heel piece: OK = The scribed mark is in the middle of the window (Photo D)
- Adjust heel piece positioning as necessary to achieve correct forward pressure.
- Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

## NX / NOVA / AXIUM RTL ADJUSTMENT CHART

Position	Mounting Position A		Mountain Position D	
				
1	254	258	298	300
2	259	261	301	303
3	262	264	304	306
4	265	267	307	309
5	268	270	310	312
6	271	273	313	315
7	274	276	316	318
8	277	279	319	321
9	280	282	322	324
10	283	285	325	327
11	286	288	328	330
12	289	291	331	333
13	292	294	334	336
14	295	297	337	339
15	298	300	340	342
16	301	303	343	345
17	304	306	346	348
18	307	309	349	351
19	310	312	352	354
20	313	315	355	357
21	316	318	358	360
22	319	321	361	363
23	322	324	364	366
24	325	327	367	369
25	328	330	370	372
26	331	333	373	375
27	334	336	376	378
28	337	340	379	384

PHOTO A

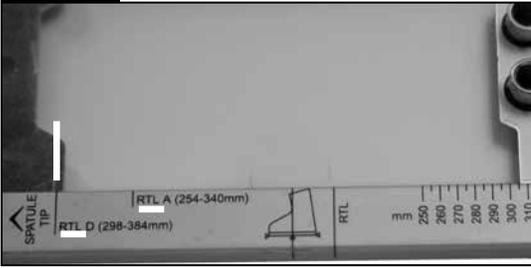


PHOTO B

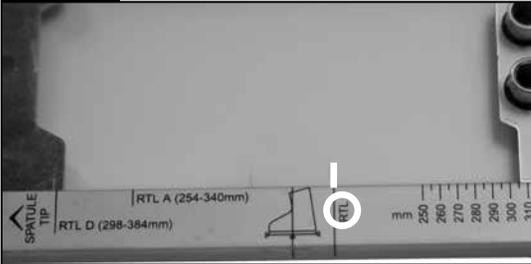


PHOTO C

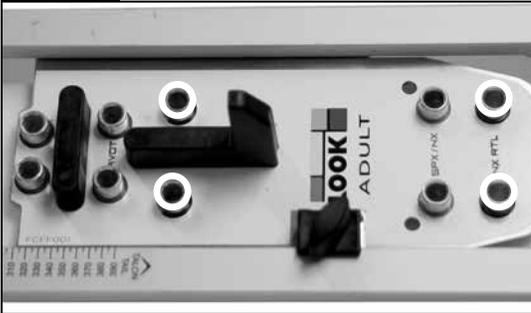


PHOTO D



**FLASH IRS ADJUSTMENT CHART**

COLOR CODE	HEEL TRACK CODE	BOOT SOLE LENGTH	ROSSIGNOL FLASH IRS	DALBELLO VANTAGE 4 FACTOR	HEAD BYS
Pink	1	287mm	288mm Pink		289mm Black
	•			290mm Orange	
	2	293mm			
	•				
	5	299mm			
	•				
	7	305mm			
	•				
	9	311mm			
	•				
Red	11	317mm	318mm Red		
	•			320mm Purple	
	13	323mm			
	•				
	15	329mm			329 Yellow
	•				
	17	335mm			
	•				
	19	341mm			
	•				
Black	21	347mm	348mm Black		
	•			350mm Blue	
	23	353mm			
	•				
	25	359mm			
	•				
	27	365mm			365mm Silver
Silver	•		368mm Silver	370mm Green	

## JUNIOR QUICKSET/SPEEDSET

### TEMPLATE:

Old Junior Template (item # FC6F018)

### COMPATIBILITY:

Older models: LOOK Team 4 Quickset, and Rossignol Comp J 45 Speedset (EPR) are compatible with ISO 5355 A (Adult) and ISO 5355 C (Children) boot soles.

**BEFORE DRILLING:** (See also “Before Drilling” page 11)

1. Unlock the locking lever and align the open arrow under the “R” position (or align template with the 250 mm sole length).
2. Push in the yellow locking button opposite locking lever. (If done correctly the “R” position will now be highlighted above the arrow.)
3. Hold the template so the two grips are facing away from you.
4. Rotate the two grips to open the clamps of the template.
5. Place the template flush to the ski and release the grips.
  - a. To accommodate narrower/wider width skis: a. Remove rubber template feet, then re-install ALL FOUR so they face the opposite direction.
6. Align template on ski using the boot midsole mark and the ski mount position mark.
7. Proceed to “DRILLING”.

**Note:** Before drilling, with template adjusted and seated on ski correctly check binding screw pattern against template holes. The binding model will determine which template holes to use.

**DRILLING:** (See also “Drilling & Tapping” page 11)

1. Drill the toe piece holes using the bushings coded black and heel piece holes using the bushings coded ORANGE. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to “INSTALLATION”.

### INSTALLATION

**Note:** These bindings are assembled with 6mm (junior) screws, if installing on adult model skis, replace the screws with the 8mm (adult) screws provided in the box.

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position toe track over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe track is firmly seated on the ski.
3. Visually inspect that the toe track is seated flush to the top of the ski on ALL SIDES.
4. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on ALL SIDES.
6. Slide toe piece onto the toe track:
  - a. With the toe piece locking lever open, place the toe piece onto the middle of the track and slide toe piece all the way forward.
  - b. Close the locking lever.
  - c. Proceed to “ADJUSTMENT”.

### ADJUSTMENT

1. Set toe and heel piece to corresponding boot sole length position on track
  - a. Refer to adjustment chart on page 44.
  - b. Align the rear of the toe piece with the corresponding boot sole length mark.
  - c. Align the mark on the heel piece with the corresponding boot sole length mark.
  - d. Lock levers in closed position.
  - e. Tap toe and heel piece to confirm they are locked in place.
2. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
3. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
4. Confirm forward pressure is correct by checking the forward pressure indicator window on the side of the heel piece: OK = the scribed line on the metal tab at the rear of the heel piece is within the marks above on the rear of the heel piece (Photo D)
5. Adjust heel piece positioning as necessary to achieve correct forward pressure.
6. Proceed to “BINDINGS INDICATOR SETTINGS” & “DISPATCH” on page 59.

## JUNIOR QUICKSET/SPEEDSET ADJUSTMENT CHART

TEAM 4 QS COMP J 45 L SPEEDSET					
Sole Length mm	CODE		Sole Length mm	CODE	
	Toe	Heel		Toe	Heel
205-210	G	1	255-257	C	7
211-215	F	1	258-261	C	8
216-219	F	2	262-265	B	7
220-223	E	1	266-268	B	8
224-227	E	2	269-271	B	9
228-230	F	3	272-275	A	8
231-234	D	2	276-278	A	9
235-237	D	3	279-281	A	10
238-241	D	4	282-284	A	11
242-245	C	3	285-288	A	12
246-248	C	4	289-292	O	11
249-251	C	5	293-296	O	12
252-254	C	6	297-299	O	13
255-257	C	7	300-303	O	14
			304-306	O	15

## TEAM 4 RL, TEAM 2 RL, COMP J, COMP KID

### TEMPLATE:

Old Junior Template (item # FC6F018)

### COMPATIBILITY:

Older models: LOOK Team 4 RL, and Rossignol Comp J 45, Saphir J 45 are compatible with ISO 5355 A (Adult) and ISO 5355 C (Children) boot soles.

**LOOK Team 2, and Rossignol Comp Kid 25, Princess 25 are compatible with ISO 5355 C (Children) boot soles only.**

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Adjust the templates and align the ski mount position with the Rental position on the template (see below).
  - a. Unlock the locking lever and align the yellow tab (beneath the sole length scale) with the appropriate rental position (see i. & ii.)
    - i. "RTL A" boot sole ranges 203mm – 255mm
    - ii. "RTL B" boot sole ranges 245mm – 307mm
2. Lock the template locking lever
3. To accommodate narrower/wider width skis:
  - a. Remove all 4 rubber template feet and re-install all for so they face the opposite direction.
4. Proceed to "DRILLING".

**Note:** Before drilling, with template adjusted and seated on ski correctly check binding screw pattern against template holes. The binding model will determine which template holes to use.

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe piece holes using the bushings coded RED and heel piece holes using the bushings coded ORANGE. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION" Below.

### INSTALLATION

**Note:** These bindings are assembled with 6mm (junior) screws, if installing on adult model skis, replace the screws with the 8mm (adult) screws provided in the box.

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position toe piece over toe holes and tighten toe screws in a cross-pattern using 4Nm (maximum) of torque until toe piece is firmly seated on the ski.
3. Visually inspect that the toe piece is seated flush to the top of the ski on ALL SIDES.
4. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm of torque (maximum) until heel piece is firmly seated on the ski.
5. Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
6. Install the brake by inserting into the heel piece and tightening the brake retention screw with a #3 POZIDRIVE screwdriver.
7. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
2. Position the boot toe in the binding toe piece without engaging the heel piece.
3. Lift the lever at the bottom rear of the heel piece housing and adjust until the heel piece almost contacts the boot heel.
4. Bump the heel piece forward, confirming it locks into place.
5. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
6. Confirm forward pressure is correct by checking the forward pressure indicator on the side of the heel piece: OK = the scribed line on the metal tab at the rear of the heel piece is within the marks above on the rear of the heel piece.
7. Adjust positioning as necessary to achieve correct forward pressure.
8. Proceed to "Bindings Indicator Settings" & "Dispatch" on page 59.

## TEAM 2 RL / TEAM 4 RL COMP KID 25 / COMP J 45 ADJUSTMENT

**WHEN MOUNTING NON PREDRILLED SKIS USING  
TEAM 4 RL / TEAM 2 RL & COMP J 45 / COMP KID 25**

Heel Position	Sole Length A		Sole Length B	
				
1	195	198	245	248
2	199	201	249	251
3	202	205	252	255
4	206	208	256	258
5	209	212	259	262
6	213	215	263	265
7	216	219	266	269
8	220	222	270	272
9	223	226	273	276
10	227	229	277	279
11	230	233	280	283
12	234	236	284	286
13	237	240	287	290
14	241	243	291	293
15	244	247	294	297
16	248	250	298	300
17	251	254	301	304
18	255	257	305	307

**PREDRILLED SKIS USING TEAM 2 RL AND COMP KID 25**

Heel Position	Ski 67 cm		Ski 80 cm		Ski 93 cm	
						
1			195	198	210	211
2			199	201	212	214
3			202	204	215	217
4			205	208	218	221
5			209	211	222	225
6			212	214	226	228
7	195	197	215	217	229	232
8	198	201	218	220	233	236
9	202	205	221	223	237	239
10	206	208	224	227	240	242
11	209	212	228	231	243	246
12	213	215	232	235	247	250
13	216	219	236	238	251	253
14	220	222	239	241	254	256
15	223	226	242	245	257	259
16	227	230	246	248	260	262
17	231	233	249	252	263	266
18	234	240	253	255	267	270

## LOOK FLUID X, EXCLUSIVE FLUID X, FLUID / ROSSIGNOL TPX, TPI<sup>2</sup>, W TPI<sup>2</sup>

### TEMPLATE:

No Template

### COMPATIBILITY:

**Older models:** All Look LOOK, Fluid X, Exclusive Fluid X models, and all Rossignol TPX, TPI<sup>2</sup>, and W TPI<sup>2</sup> models are compatible with ISO 5355 A (Adult) boot soles.

**BEFORE DRILLING:** Not Applicable

**DRILLING:** Not Applicable

### INSTALLATION

1. Slide Heel piece onto the integrated track:
  - a. Holding up lever at the front of the heel piece, place the heel piece onto the middle of the track and slide heel piece all the way back. (Photo A)
2. Slide toe piece onto the integrated track:
  - a. Holding up lever at the rear of the toe piece, place the toe piece onto the middle of the track and slide toe piece all the way forward. (Photo B)
3. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Set toe and heel piece to corresponding boot sole length position on track
  - a. Refer to adjustment charts on page 47.
  - b. Align the rear of the toe piece with the corresponding boot sole length mark.
  - c. Align the front of the heel piece with the corresponding boot sole length mark.
  - d. Lock levers down in closed position.
  - e. Tap toe and heel piece to confirm they are locked in place.
2. Ensure that the binding heel piece is completely open by pressing down on the heel piece.
3. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
4. Confirm forward pressure is correct by checking the forward pressure indicator at the rear of the heel piece:
  - a. SPX/PX, Axial2/Axial3: OK = At the rear of the heel piece, yellow forward pressure indicator covers half of the window.
  - b. NX/Nova, Axium/Saphir: OK = On the side of the heel piece, the scribed mark forward pressure indicator) is in the middle of the window.
5. Adjust positioning as necessary to achieve correct forward pressure.
6. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

PHOTO A

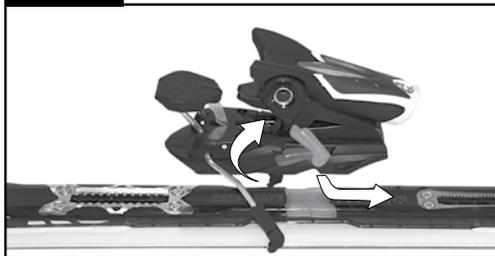
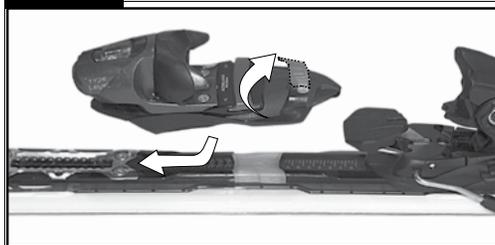


PHOTO B





# TOURING ASSEMBLY AND ADJUSTMENT

## SUPERLITE 13

### TEMPLATE:

Lite Template (See also page 9, item # FCHF114)

### COMPATIBILITY:

Superlite 13 bindings are for ski touring (AT) use only. They are compatible with touring ski boots featuring metallic tech fittings in the toes and heels. They are not for use with any boot that does not have these metallic tech fittings.

**AT skiers who use alpine (ISO 5355) boot soles with metallic tech inserts may have difficulty engaging the toe piece when entering the bindings. ISO 23223 or ISO 9523 boot soles with metallic tech inserts are recommended.**

**AT Skiers who use any other type of boot with this binding are warned that the boot-binding system will not function as intended and there will be an increased risk of injury.**

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Place LOOK Superlite 13 mounting template on the ski lining up the midsole mark of the ski and the boot midsole line on the template (photo A).
2. Adjust the heel and toe plates of the template to the appropriate boot sole length inscribed on the template.
  - a. Use the boot as a reference to ensure the plates are adjusted to the correct size (photos B & C)
  - b. The Look Superlite 13 binding does not have forward pressure adjustments. Ensure the heel piece is positioned the proper distance from the boot heel before drilling.

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the Template for Superlite bindings. Tap if necessary. (Photo D)
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

### INSTALLATION

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). **DO NOT USE WOOD GLUE.** (Photo E)
2. Position heel piece over heel holes and tighten heel screws in a cross-pattern using 4Nm (maximum) of torque until heel piece is firmly seated on the ski. (Photo F)
3. Visually inspect that the heel piece is seated flush to the top of the ski on ALL SIDES.
4. Mount toe piece (Photo G)
  - a. Insert the crampon and leash retainer in the rear of the toe piece.
  - b. Start by screwing all 4 screws half way into the ski
  - c. Place the boot in the binding and LOCK the toe piece to ensure the fit is correct
  - d. Tighten the front screws of the toe piece properly leaving the boot in the binding
  - e. Remove the boot and tighten the back two screws of the toe piece
  - f. Tighten 4 screws of the toe piece using 4 Nm of torque
5. Visually inspect that the toe piece is seated flush to the top of the ski on All SIDES.
6. Install the brake by sliding it backwards onto the front of the heel piece until the silver pins on the heel piece align with the holes on the side of the brake. (photos H & I)
7. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Position to boot toe in the binding toe piece.
2. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
3. Confirm forward pressure is correct by checking the forward pressure with the provided 5.5mm gauge  
OK = the end of the three tabs on the 5.5mm gauge form a straight line and the heel of the boot is 5.5mm from the heel housing. (photo J)
4. Proceed to "LOOK SUPERLITE RELEASE VALUE SETTINGS".

### LOOK SUPERLITE RELEASE VALUE SETTINGS

Only the twist release may be adjusted. It is adjusted with the Torx screw at the rear of the heel piece.

1. Determine the release value setting using the 2022/23 Rossignol Group Binding Adjustment Chart on pages 68 & 69.
2. Adjust the retention setting in the heel only. (photo K)
3. Proceed to "DISPATCH" on page 59.

PHOTO A

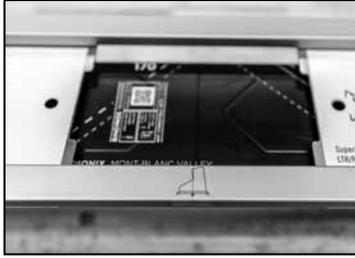


PHOTO B



PHOTO C



PHOTO D



PHOTO E



PHOTO F



PHOTO G

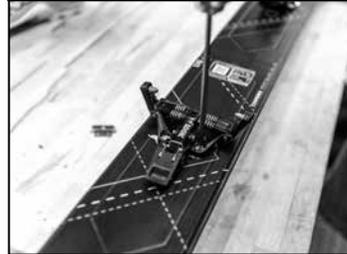


PHOTO H

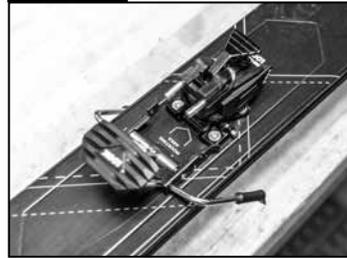


PHOTO I

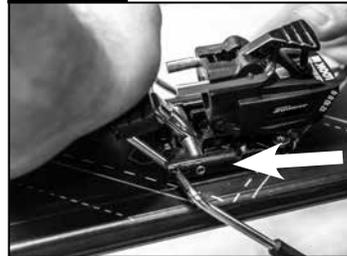


PHOTO J



PHOTO K



**HM****TEMPLATE:**

HM Template (See also page 9, item # FCEF110)

**COMPATIBILITY:**

LOOK HM Rotation 12 and HM 12 bindings are for ski touring (AT) use only. They are compatible with touring ski boots featuring metallic tech fittings in the toes and heels. They are not for use with any boot that does not have these metallic tech fittings.

**AT skiers who use alpine (ISO 5355) boot soles with metallic tech inserts may have difficulty engaging the toe piece when entering the bindings. ISO 23223 or ISO 9523 boot soles with metallic tech inserts are recommended.**

**AT Skiers who use any other type of boot with this binding are warned that the boot-binding system will not function as intended and there will be an increased risk of injury.**

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Place LOOK HM mounting template on the ski lining up the midsole mark of the ski and the boot midsole line on the template (Photo A).
2. Adjust the heel and toe plates of the template to the appropriate boot sole length inscribed on the template (Photos B & C).
  - a. Use the boot as a reference to ensure the plates are adjusted to the correct size

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the HM Template for HM bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

**INSTALLATION**

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). **DO NOT USE WOOD GLUE.**
2. Mount heel piece first – **LEAVE RUBBER STRAP ON BRAKE**
  - a. Tighten front screws of the heel piece first (Photo D)
  - b. Remove rubber strap while holding the ski brake up
  - c. Tighten back screws of heel piece (Photo E)
  - d. Tighten all 4 screws of the heel piece using 4 Nm. of torque
3. Visually inspect that the heel piece is seated flush to the top of the ski on **ALL SIDES.**
4. Mount toe piece
  - a. Start by screwing all 4 screws half way into the ski (Photo F)
  - b. Place the boot in the binding and **LOCK** the toe piece to ensure the fit is correct (Photo G)
  - c. Tighten the front screws of the toe piece properly leaving the boot in the binding
  - d. Remove the boot and tighten the back two screws of the toe piece (Photo H)
  - e. Tighten 4 screws of the toe piece using 4 Nm of torque
5. Visually inspect that the toe piece is seated flush to the top of the ski on **All SIDES.**
6. Proceed to "ADJUSTMENT".

**ADJUSTMENT**

1. Position to boot toe in the binding toe piece.
2. Adjust the heel piece until the heel pins can be engaged by the heel of the boot.
3. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
4. Adjust heel piece to achieve correct forward pressure: (Photo I)
  - a. Use only Torx 20 driver, 8mm nut tool, or Dynafit Adjust Tool
  - b. Move the heel until a small (approx. 0.2mm) gap is visible (Photo J)
5. Confirm forward pressure is correct by checking the forward pressure indicator window in the back of the heel piece: OK = approx. 0.2mm gap between the heel of the boot and the plastic bump out in between heel pins
6. Adjust heel piece positioning as necessary to achieve correct forward pressure.
7. Proceed to "LOOK HM RELEASE VALUE SETTINGS" below.

**LOOK HM RELEASE VALUE SETTINGS**

1. Determine the release value setting using the 2022/23 Rossignol Group Binding Adjustment Chart on pages 68 & 69.
2. Frontward and torsion (lateral) release values are set on the heel piece using 2 different screws. There are 2 indicators that must be aligned to the same number scribed on the heel piece in order to work properly.
  - a. Using a large flathead screwdriver adjust the large slotted screw at the rear of the heel piece so the fine edge of the screw aligns with the scribed release value setting on the heel piece. (Photo K)
  - b. Using a small flathead screwdriver adjust the small slotted screw that is recessed above the large slotted screw on the rear of the heel piece until the scribed arrow on the side of the heel piece aligns with the scribed release value setting on the heel piece. (Photo L)
3. Proceed to "DISPATCH" on page 59.

PHOTO A

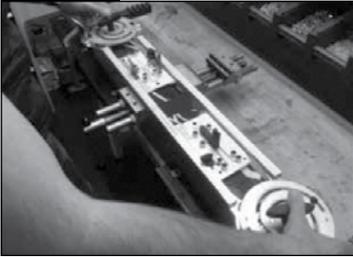


PHOTO E

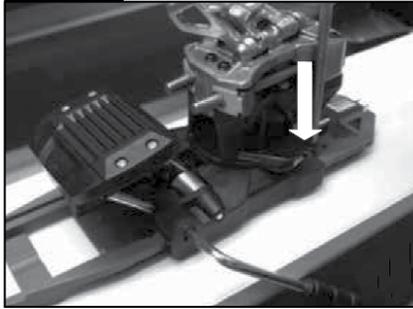


PHOTO I



PHOTO B



PHOTO F



PHOTO J



PHOTO C



PHOTO G



PHOTO K



PHOTO D

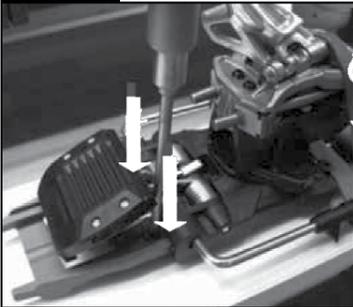


PHOTO H



PHOTO L



**HM DEMO****TEMPLATE:**

HM Template (See also page 9, item # FCEF110)

**COMPATIBILITY:**

LOOK HM Rotation 10 Demo and HM 10 Demo bindings are for ski touring (AT) use only. They are compatible with touring ski boots featuring metallic tech fittings in the toes and heels. They are not for use with any boot that does not have these metallic tech fittings.

**AT skiers who use alpine (ISO 5355) boot soles with metallic tech inserts may have difficulty engaging the toe piece when entering the bindings. ISO 23223 or ISO 9523 boot soles with metallic tech inserts are recommended.**

**AT Skiers who use any other type of boot with this binding are warned that the boot-binding system will not function as intended and there will be an increased risk of injury.**

**BEFORE DRILLING:** (See also “Before Drilling” page 11)

1. Place LOOK HM mounting template on the ski lining up the midsole mark of the ski and the boot midsole line on the template.
2. Adjust the heel and toe plates of the template to a 304mm boot sole length by aligning the front of the rear plate with the corresponding boot sole length mm marking.

**DRILLING:** (See also “Drilling & Tapping” page 11)

1. Drill the toe and heel holes indicated on the Adult Template for HM bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to “INSTALLATION”.

**INSTALLATION**

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). **DO NOT USE WOOD GLUE.**
2. Mount heel piece first – **LEAVE RUBBER STRAP ON BRAKE**
  - a. Tighten front screws of the heel piece first (Photo A)
  - b. Remove rubber strap while holding the ski brake up
  - c. Tighten back screws of heel piece (Photo B)
  - d. Tighten all 4 screws of the heel piece using 4Nm of torque
3. Visually inspect that the heel piece is seated flush to the top of the ski on **ALL SIDES.**
4. Mount toe piece
  - a. Twisting upward the metal lever at the front of the toe piece, slide toe piece to the back of the toe plate allowing access to the front toe plate holes. If necessary loosen the central screw at the rear center of the toe piece. This will allow the toe piece to be removed from the plate entirely.
  - b. Position toe plate over toe holes and tighten front toe screws using 4Nm (maximum) of torque until toe plate is firmly seated on the ski. (Photo C)
  - c. Slide toe piece to the front of the plate allowing access to the rear toe plate holes
  - d. Tighten rear toe screws using 4Nm (maximum) of torque until toe plate is firmly seated on the ski (Photo D)
  - e. Visually inspect that the toe piece is seated flush to the top of the ski on **All SIDES.**
  - f. Rotate downward the metal lever at the front of the toe piece to lock in place.
  - g. If loosened, tighten the central screw at the rear center of the toe piece. (Photo E)
5. Proceed to “ADJUSTMENT”.

**ADJUSTMENT**

1. Twist upward the metal lever at the front of the toe piece. (Photo F)
2. Adjust the toe piece position so the closest corresponding boot sole length appears in the front of the metal flange on the side of the toe piece.
3. Twist downward the metal lever at the front of the toe piece.
4. Tap toe piece to confirm it is locked in place.
5. Insert the boot toe into the toe piece tech fittings with authority, ensuring the toe piece is engaged.
6. Adjust the heel piece until the heel pins can be engaged by the heel of the boot.
7. Insert the heel into the binding with authority, ensuring the heel piece is engaged.
8. Adjust heel piece to achieve correct forward pressure:
  - a. Use only Torx 20 driver, 8mm nut tool, or Dynafit Adjust Tool
  - b. Move the heel until a small (approx. 0.2mm) gap is visible
9. Confirm forward pressure is correct by checking the forward pressure indicator window in the back of the heel piece: OK = approx. 0.2mm gap between the heel of the boot and the plastic bump out in between heel pins
10. Adjust heel piece positioning as necessary to achieve correct forward pressure.
11. Proceed to “LOOK HM RELEASE VALUE SETTINGS” below.

**LOOK HM RELEASE VALUE SETTINGS**

1. Determine the release value setting using the 2022/23 Rossignol Group Binding Adjustment Chart on page 69.
2. Frontward and torsion (lateral) release values are set on the heel piece using 2 different screws. There are 2 indicators that must be aligned to the same number scribed on the heel piece in order to work properly.
  - a. Using a large flathead screwdriver adjust the large slotted screw at the rear of the heel piece so the fine edge of the screw aligns with the scribed release value setting on the heel piece. (Photo G)
  - b. Using a small flathead screwdriver adjust the small slotted screw that is recessed above the large slotted screw on the rear of the heel piece until the scribed arrow on the side of the heel piece aligns with the scribed release value setting on the heel piece. (Photo H)
3. Proceed to “DISPATCH” on page 59.

PHOTO A

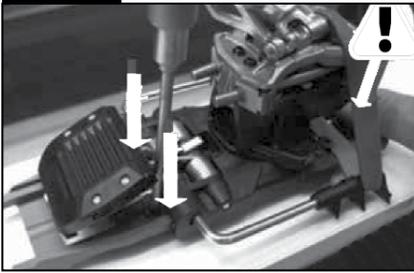


PHOTO B

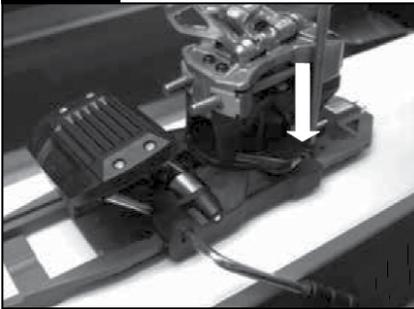


PHOTO C

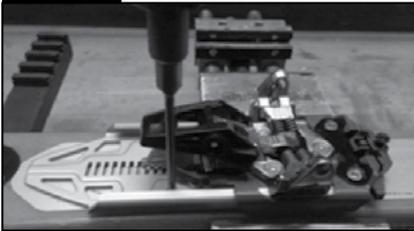


PHOTO D

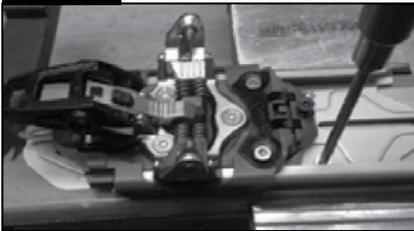


PHOTO E

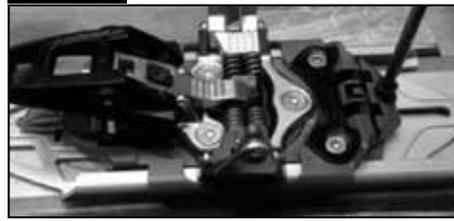


PHOTO F

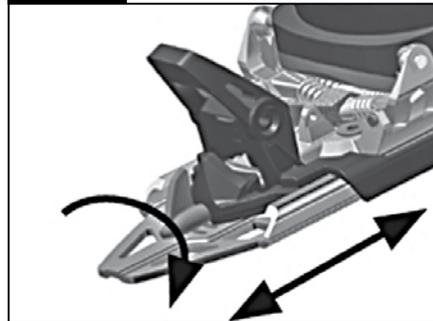


PHOTO G

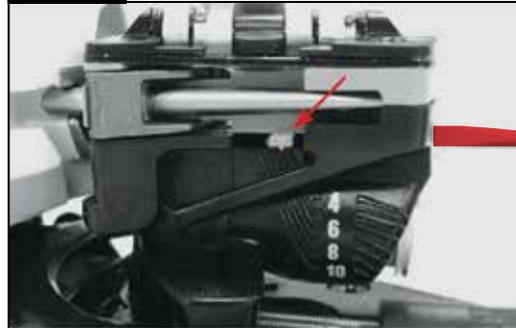


PHOTO H



**HT****TEMPLATE:**

ST/HT Template (See also page 9, item # FCGF110)

**COMPATIBILITY:**

LOOK HT Radical 10 and HT Radical 10 RTL bindings are for ski touring (AT) use only. They are compatible with touring ski boots featuring metallic tech fittings in the toes and heels. They are not for use with any boot that does not have these metallic tech fittings.

**AT skiers who use alpine (ISO 5355) boot soles with metallic tech inserts may have difficulty engaging the toe piece when entering the bindings. ISO 23223 or ISO 9523 boot soles with metallic tech inserts are recommended.**

**AT Skiers who use any other type of boot with this binding are warned that the boot-binding system will not function as intended and there will be an increased risk of injury.**

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Place LOOK ST/HT mounting template on the ski lining up the midsole mark of the ski and the boot midsole line on the template (Photo A).

For HT Radical 10

1. Adjust the heel and toe plates of the template to the appropriate boot sole length inscribed on the template.
  - a. Use the boot as a reference to ensure the plates are adjusted to the correct size. (Photo B)
2. Proceed to "DRILLING".

For HT Radical 10 RTL

1. Adjust the heel and toe plates of the template to a 306mm boot sole length using the inscribed references on the template.
2. Proceed to "DRILLING".

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the ST/HT Template for ST/HT bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

**INSTALLATION**

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). **DO NOT USE WOOD GLUE.**
2. Mount heel piece first – **LEAVE RUBBER STRAP ON BRAKE**
  - a. Tighten front screws of the heel piece first (Photo C)
  - b. Remove rubber strap while holding the ski brake up
  - c. Tighten back screws of heel piece (Photo D)
  - d. Tighten all 4 screws of the heel piece using 4 Nm of torque
3. Visually inspect that the heel piece is seated flush to the top of the ski on **ALL SIDES.**
4. Mount toe piece
  - a. Start by screwing all 4 screws half way into the ski (Photo E)
  - b. Place the boot in the binding and **LOCK** the toe piece to ensure the fit is correct (Photo F)
  - c. Tighten the front screws of the toe piece properly leaving the boot in the binding
  - d. Remove the boot and tighten the back two screws of the toe piece (Photo G)
  - e. Tighten 4 screws of the toe piece using 4 Nm of torque
5. Visually inspect that the toe piece is seated flush to the top of the ski on **All SIDES.**
6. Proceed to "ADJUSTMENT".

**ADJUSTMENT**

1. Position the boot toe in the binding toe piece.
2. Adjust the heel piece until the heel pins can be engaged by the heel of the boot.
3. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
4. Adjust heel piece to achieve correct forward pressure:
  - a. Use only a Torx 20, 8mm nut tool, or Dynafit Adjust Tool (Photo H)
  - b. Place the 5.5mm forward pressure gauge between the boot heel and heel piece housing.
  - c. Adjust the heel piece until the ends of the 3 tabs in the center of the gauge form a straight line.
5. Confirm forward pressure is correct by checking the forward pressure with the provided 5.5mm gauge OK = the end of the three tabs on the 5.5mm gauge form a straight line and the heel of the boot is 5.5mm from the heel housing (Photo I).
6. Adjust heel piece positioning as necessary to achieve correct forward pressure.
7. Proceed to "LOOK HT RELEASE VALUE SETTINGS".

**LOOK HT RELEASE VALUE SETTINGS**

1. Determine the release value setting using the 2022/23 Rossignol Group Binding Adjustment Chart on page 69.
2. Vertical and torsion (lateral) release values are set on the heel piece using 2 different screws. There are 2 indicators that must be aligned to the same number scribed on the heel piece in order to work properly.
  - a. Using a large flathead screwdriver adjust the large slotted screw at the rear of the heel piece so the fine edge of the screw aligns with the scribed release value setting on the heel piece. (Photo J)
  - b. Using a small flathead screwdriver adjust the small slotted screw that is recessed above the large slotted screw on the rear of the heel piece until the scribed arrow on the side of the heel piece aligns with the scribed release value setting on the heel piece. (Photo K)
3. Proceed to "DISPATCH" on page 59.

PHOTO A

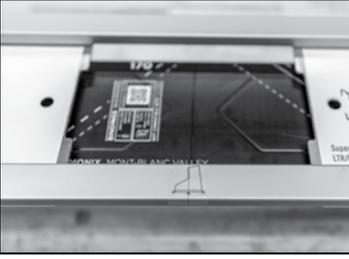


PHOTO B



PHOTO C

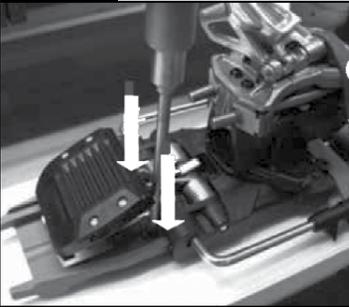


PHOTO D

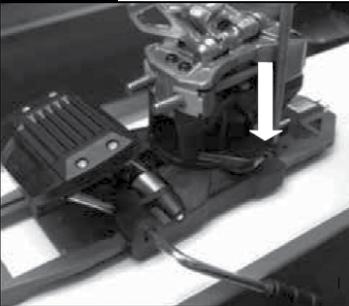


PHOTO E

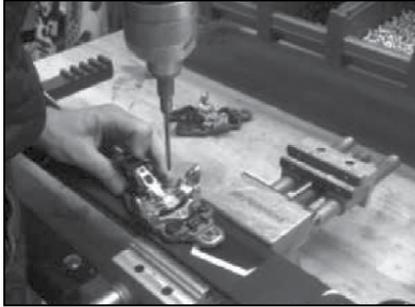


PHOTO F



PHOTO G



PHOTO H



PHOTO I

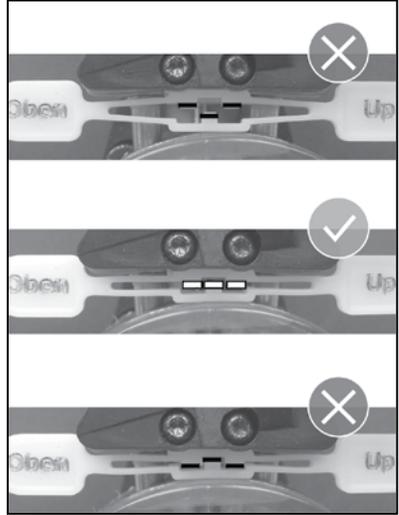
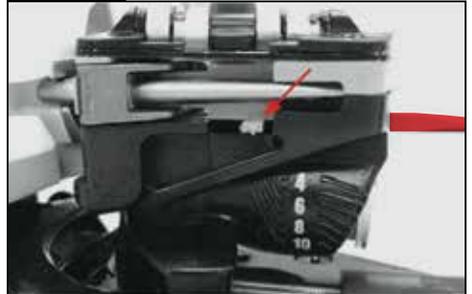


PHOTO J



PHOTO K



## DARKLITE

### TEMPLATE:

Lite Template (See also page 9, item # FCHF114)

### COMPATIBILITY:

Darklite 12 bindings are for ski touring (AT) use only. They are compatible with touring ski boots featuring metallic tech fittings in the toes and heels. They are not for use with any boot that does not have these metallic tech fittings.

**AT skiers who use alpine (ISO 5355) boot soles with metallic tech inserts may have difficulty engaging the toe piece when entering the bindings. ISO 23223 or ISO 9523 boot soles with metallic tech inserts are recommended.**

**AT Skiers who use any other type of boot with this binding are warned that the boot-binding system will not function as intended and there will be an increased risk of injury.**

**BEFORE DRILLING:** (See also "Before Drilling" page 11)

1. Place LOOK Lite mounting template on the ski lining up the midsole mark of the ski and the boot midsole line on the template
2. Adjust the heel and toe plates of the template to the appropriate boot sole length inscribed on the template
  - a. Use the boot as a reference to ensure the plates are adjusted to the correct size
  - b. The Look Darklite 12 binding has an adjustment range of +/- 5mm.

**DRILLING:** (See also "Drilling & Tapping" page 11)

1. Drill the toe and heel holes indicated on the Template for Darklite/Blacklight/Superlite bindings. Tap if necessary.
2. Remove template, turn ski over and tap with hand, removing all debris.
3. Proceed to "INSTALLATION".

### INSTALLATION

1. Put a small amount of ski binding glue into each hole. (This lubricates the screws, prevents them working loose, and provides a watertight seal). DO NOT USE WOOD GLUE.
2. Position heel track over heel holes and tighten heel screws in a cross-pattern using 4Nm (maximum) of torque until heel plate is firmly seated on the ski. (Photo A)
3. Visually inspect that the heel plate is seated flush to the top of the ski on ALL SIDES.
4. Attach the heel spacer onto the front of the heel piece (Photo B)
5. From the rear of the plate, slide the heel piece onto the heel track until the worm drive screw engages.
  - a. Using a Torx 20 driver and the worm drive screw at the rear of the heel piece, adjust the heel piece onto the heel track so the heel piece is positioned with the notched cut-out on the heel track falls within the "STOP" markings on the heel piece. (Photo C)

6. Mount toe piece
  - a. Insert the crampon and leash retainer in the rear of the toe piece.
  - b. Start by screwing all 4 screws half way into the ski
  - c. Place the boot in the binding and LOCK the toe piece to ensure the fit is correct
  - d. Tighten the front screws of the toe piece properly leaving the boot in the binding
  - e. Remove the boot and tighten the back two screws of the toe piece
  - f. Tighten 4 screws of the toe piece using 4 Nm of torque (Photo D)
7. Visually inspect that the toe piece is seated flush to the top of the ski on ALL SIDES.
8. Install the brake by sliding it backwards onto the front of the heel piece until the holes on the heel piece align with the holes on the side of the brake.
  - a. Install brake retention screws into these holes. (Photo E)
9. Proceed to "ADJUSTMENT".

### ADJUSTMENT

1. Position to boot toe in the binding toe piece.
2. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
3. Adjust heel piece to achieve correct forward pressure:
  - a. Use only a Torx 20 or Dynafit Adjust Tool
  - b. Place the 5.5mm forward pressure gauge between the boot heel and heel piece housing.
  - c. Adjust the heel piece until the ends of the 3 tabs in the center of the gauge form a straight line. (Photo F)
4. Confirm forward pressure is correct by checking the forward pressure with the provided 5.5mm gauge OK = the end of the three tabs on the 5.5mm gauge form a straight line and the heel of the boot is 5.5mm from the heel housing (Photo G).
5. Adjust heel piece positioning as necessary to achieve correct forward pressure.
6. Proceed to "LOOK DARKLITE RELEASE VALUE SETTINGS".

### LOOK DARKLITE RELEASE VALUE SETTINGS

Only the lateral release may be adjusted. It is adjusted with the Torx screw at the rear of the heel piece.

1. Determine the release value setting using the 2022/23 Rossignol Group Binding Adjustment Chart on page 69.
2. Adjust the retention setting in the heel only, aligning the front of the plastic tab visible in the Release Indicator Window with the appropriate setting. (Photos H & I)
3. Proceed to "DISPATCH" on page 59.

PHOTO A

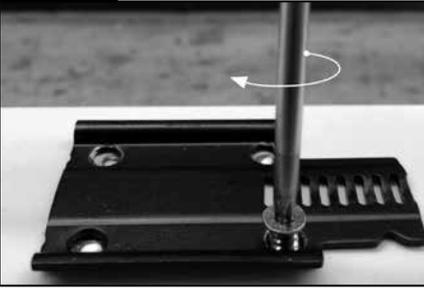


PHOTO B

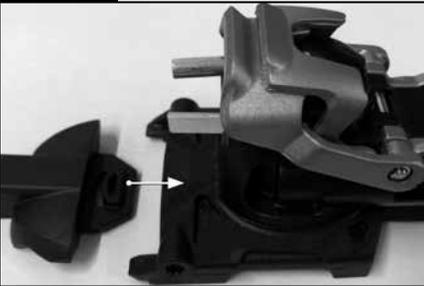


PHOTO C



PHOTO D



PHOTO E



PHOTO F



PHOTO G

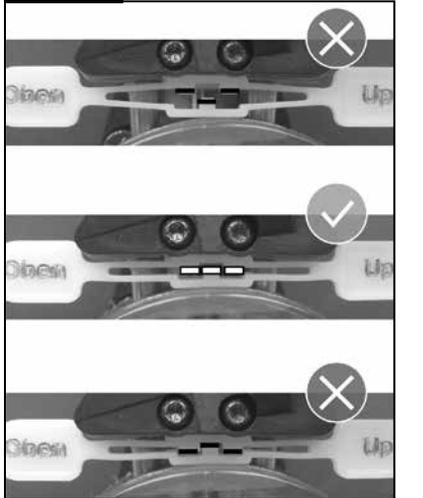


PHOTO H



PHOTO I



# RENTAL / DEMO

Rental and Demo equipment is a great source of revenue for many shops, therefore ensuring that this equipment operates and is maintained properly is very important.

***The process of mounting rental equipment is often rushed through without acknowledgment of the consequences. Rental shop managers can greatly reduce the risk of mounting problems by taking a few minutes reviewing and following these guidelines.***

**Warning: As an extra precaution, when mounting any rental or demo system, test mount one system BEFORE drilling the entire inventory. Use the boot sizer and a selection of boots to confirm template adjustment.**

“Dual” alpine ski bindings are designed to work with standard alpine ski boot soles that comply with the ISO 5355 standard or WTR certified, and GRIPWALK® (ISO 23223) soles. AW and GW bindings are designed to work with standard alpine ski boot soles that comply with the ISO 5355 standard or GRIPWALK® (ISO 23223) soles.

*Please note:* Boots with AT soles (ISO 9523) may fit into these bindings, and the system may perform acceptably in shop tests, the system will not provide the same degree of release and retention performance as alpine, WTR, GRIPWALK® (ISO 23223) systems and these boots should not be used with DUAL, AW, or GW bindings.

## Guidelines

1. Visually inspect the boot and binding system, (page 6 and 7)
2. Don't rush the process. The average rental ski is in-use for three seasons. A few extra minutes during the mounting process is irrelevant to overall shop profits.
3. Use the correct template.
4. Tape over or plug template holes that will not be used.
5. Check that template sits flush on ski BEFORE drilling.
6. When mounting Rossignol or Dynastar fleet rental skis:
  - Adult sizes 132 cm-177 cm: use a NEW 3.5 x 9.5 mm drill bit
  - Junior sizes ≤132 cm: use a NEW 3.5 x 7.5 mm drill bit
7. Check binding screw length against ski thickness when mounting other manufacturer's rental bindings on shorter length Rossignol or Dynastar fleet rental skis. Replace or grind screws if necessary.
8. On larger template settings, check drill bit depth against sidewall BEFORE drilling.
9. Drill deep enough to deburr the topsheet of the ski.
10. Turn ski over and tap with hand on ski base to remove debris.
11. Put a small amount of SKI BINDING GLUE into each hole. (This lubricates the screws, prevents them from working loose and provides a water tight seal.) DO NOT USE WOOD GLUE.
12. When using a screwshooter, set torque correctly (4 Nm max). If torque is not set correctly, pull trigger intermittently until binding is seated. (Screws can become partially stripped without the screw spinning.)

# INDICATOR SETTINGS AND DISPATCH

## BINDING INDICATOR SETTINGS

Follow the steps below when setting the indicator on the toe piece and heel piece of RETAIL or RENTAL bindings.

**Note:** Rental, Demo, Metrix, and Quickset / Speedset (EPR) bindings are considered RENTAL products. If rental products are sold, you must supply the consumer with a copy of the retail in-box instructions.

Boot should always be engaged in binding system when adjusting indicator settings.\*

During the preseason the shop can confirm the validity and precision of the indicator by engaging a selection of rental boot inventory into the binding. This would eliminate the need to adjust the indicators with the boot in the binding during the season.

1. **Adjusting toe piece indicator settings:**
  - a. Locate indicator setting adjustment screw at front of toe piece.
  - b. Locate indicator setting, visible in window on top of toe piece.
  - c. **Determine the appropriate indicator value for the skier (see pages 67-69). Indicator values must comply with Rossignol Group recommendations (see table, page 69), or ASTM F-939, or ISO 8061.**
  - d. Turn the indicator setting adjustment screw to set the indicator to the correct value, determined in step c.
2. **Adjusting heel piece indicator settings:**
  - a. Locate indicator setting adjustment screw at rear of heel piece.
  - b. Locate indicator setting, visible in window:
    - i. On side of heel piece (PX, Axial<sup>2</sup>)
    - ii. On top of heel piece (SPX, Axial<sup>3</sup>, Pivot/FKS)
    - iii. Under heel piece lever (NX, Nova, Xpress / Axium, Saphir, Xelium)
  - c. **Determine the appropriate indicator setting for the skier (see pages 67-69). Indicator settings must comply with Rossignol Group recommendations. (see table, page 69), or ASTM F-939, or ISO 8061.**
  - d. Turn the indicator setting adjustment screw to set the indicator determined in step "c".
3. **If the ski/binding/boot system is for a RENTAL customer, proceed to DISPATCH below.**
4. **If the ski/binding/boot system is for a RETAIL customer, proceed to RETAIL INSPECTION PROCEDURES, page 60.**

## DISPATCH

Follow the steps below when dispatching skis to Rental and Retail consumers:

1. Show skier how to get in and out of binding.
2. Show indicator values on binding and the rental form or work ticket.
3. Have skier read, sign, and date the rental form or work ticket. Give them a copy.
4. **Review SKIER INSTRUCTIONS (see page 73), and discuss the inherent risks of skiing, including that well-adjusted, maintained ski/binding/boot systems reduce the risk of injury to the mid-shaft of the tibia.**

Adjusting toe piece



Adjusting heel piece



# BINDING INSPECTION AND TESTING PROCEDURES

## INSPECTION AND TESTING PROCEDURES: RETAIL

We recommend skiers have their ski/binding/boot system serviced by an authorized binding technician every 30 days of skiing or annually, whichever comes first. Servicing should include the following:

1. Complete visual inspection of ski/binding/boot components
2. System inspection using a Vermont Calibrator or electronic testing device.

This procedure is required on all equipment as a final check on the performance of all three components (ski/binding/boot) as a system is required for indemnification in the US and is recommended in Canada.

This procedure should also be performed anytime an adjustment is made to the ski/binding/boot system.

**Note on WINTERSTIEGER TEST DEVICES:** Positioning of the ski/binding/boot system is very important for achieving accurate results. Be sure to place the strap close to the heel of the boot in forward lean tests.

When testing a step-in binding for TWIST and FORWARD LEAN (for older machines):

1. Align the laser mark, respectively the 30 mm mark, with the end of the boot.

When testing Pivot/FKS "turntable" style bindings:

1. For TWIST tests, align boot/binding system's axis of rotation with the 0 mark on the device (pivot point).
2. For FORWARD LEAN tests, align the laser mark, respectively the 30 mm mark, with the end of the boot.

For more details please refer to the Wintersteiger Testing Device Operating Instructions.

## INSPECTING AND TESTING PROCEDURES: ADULT

### IMPORTANT Notes:

- Do not clamp the ski when doing twist tests with a Vermont Calibrator
- Hand position on clockwise and counter-clockwise twist tests is CRITICAL (photos 64 & 65)

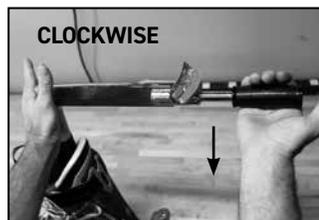


photo 64



photo 65

1. Determine the binding's INSPECTION and IN-USE RANGES (see page 68, step 5 for how to determine INSPECTION and IN-USE RANGES)

2. Condition the ski/binding/boot system by releasing it in all directions, TWIST (both directions) and FORWARD LEAN.
3. Perform three TWIST release tests in each direction and record the results (If the first two tests in any direction are equal, the third test is not necessary.)
4. Perform three FORWARD LEAN release tests
5. Compare the middle quantitative value of the three releases with the INSPECTION RANGE.
6. If results are within the INSPECTION RANGE, the system can be dispatched to customer (see DISPATCH, page 59)
7. If results are not within the INSPECTION RANGE:
  - a. Inspect all boot-to-binding interfaces and release settings, confirming all are clean and accurate.
  - b. If a change is made, retest using steps # 1 - 5 above.
8. If retest results are within the IN-USE RANGE:
  - a. Perform a Clean vs. Lubricated Test (see page 65) to determine if the boot/binding system is compatible.
  - b. If the boot passes the Clean vs. Lubricated Test, re-adjust the binding release settings until testing results fall within the INSPECTION RANGE.

**Note: Increase forward pressure according to model specific adjustment procedures if the following happens:**

- The boot releases from the heelpiece when TWIST testing the boot/binding system.
- The heelpiece remains closed after performing a FORWARD LEAN test.

## TROUBLESHOOTING

If the system test results are outside the Inspection Range, inspect the boot for toe and heel wear. If toe and heels are worn out, replace with new toe and heels. Re-inspect the binding adjustments to ensure values are correct, then retest.

If using an electronic test device and system results are still outside the tolerance, retest using a Vermont Calibrator.

**Note: If TWIST test values appear to be at an extremity of the INSPECTION RANGE, perform a Clean vs. Lubricated Test (see page 45), then readjust evenly in the INSPECTION RANGE.**

If the results of the system test fall outside the IN-USE RANGE, visually inspect the system for any obvious deficiencies and complete a FINAL INSPECTION (see page 61). If no problems are detected with the system, the component should be returned for warranty replacement (see Warranty Procedures, page 75).

## INSPECTING AND TESTING PROCEDURES: JUNIOR/KID

### IMPORTANT Notes:

- Do not clamp the ski when doing twist tests with a Vermont Calibrator
- Hand position on clockwise and counter-clockwise twist tests is CRITICAL (see photos 64 & 65, page 60)

### New boots and/or bindings:

1. Before testing system: place boot in binding and cycle twist 3 times clockwise, 3 times counter-clockwise, and 3 times at the heel.
2. When testing the heelpiece:
  - a. Position ski in the "Built-to-Tilt" device so the rear clamp is close to the heelpiece (see photo 66).
  - b. Position the calibrator strap on the boot so it sits behind the brake treadle (see photo 67).

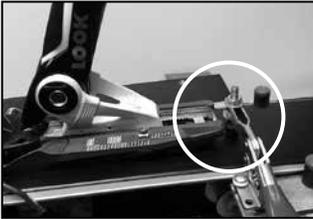


photo 66



photo 67

### Used boots and/or bindings:

1. Clean boot toe and heel interface with warm soapy water, even if the boot looks clean (photo 68)
2. Clean the binding interfaces with warm soapy water, even if the binding looks clean (photo 69).



photo 68



photo 69

3. Before testing system: place boot in binding and cycle twist 3 times clockwise, 3 times counter-clockwise, and 3 times in the heel.
4. When testing the heelpiece:
  - a. Position ski in the "Built-to-Tilt" device so the rear clamp is close to the heelpiece (see photo 66, above).
  - b. Position the calibrator strap on the boot so it sits behind the brake treadle (see photo 67, above).

## TROUBLESHOOTING

If the system test results are outside the Inspection Range, inspect the boot for toe and heel wear. If toe and heels are worn out, replace with new toe and heels. Re-inspect the binding adjustments to ensure values are correct, then retest.

If using an electronic test device and system results are still outside the tolerance, retest using a Vermont Calibrator.

**Note: If TWIST test values appear to be at the extremities of the INSPECTION RANGE, perform a Clean vs. Lubricated Test (see page 65), then readjust evenly in the INSPECTION RANGE.**

**If the results of the system test fall outside the IN-USE RANGE, visually inspect the system for any obvious deficiencies and complete a FINAL INSPECTION (see below) If no problems are detected with the system, the component should be returned for warranty consideration (see Warranty Procedures, page 75).**

## FINAL INSPECTION

Complete the following final inspection:

1. Check that all screws are firmly installed.
2. Check that release value indicators are present and read-able.
3. Check that the brakes operate properly.
4. With boot engaged in binding, check re-centering of toepiece:
  - a. Hit boot with sharp blow at the boot toe, and confirm the boot returns powerfully to the ski center.
5. If the boot does not re-center properly, check that:
  - a. Forward pressure is correct.
 

**Note: For bindings set with a release value in the lower half of the binding's value range, the forward pressure can be adjusted slightly below the midpoint of the forward pressure scale.**
  - b. AFD's are in good, clean condition.
    - i. If contaminated, clean Teflon or lubricate Glider (mechanical AFD) by holding it off to one side and applying grease/lube to the backside of the Glider, then release.)
    - ii. If worn out, replace with new AFD's from the Rossignol Group, (see page 81).
  - c. Boot sole is clean. (If contaminated, clean with warm soapy water.)
  - d. Boot sole is not worn and complies with current ISO 5355 standards, or GRIPWALK® (ISO 23223) (see page 6)
  - e. Heel track is in good, clean condition.
    - i. If contaminated, de-grease with warm water and soap and relube with binding grease.
    - ii. If worn out, replace with new heel track from the Rossignol Group, (contact info back cover).

# RENTAL BINDING INSPECTION AND TESTING PROCEDURES

## INSPECTION AND TESTING PROCEDURES: RENTAL

Seasonal Rentals should be inspected the same as Retail equipment (see page 60).

The following are step-by-step instructions of the Rossignol Group rental procedures. These procedures are separated into two parts: pre-season and in-season.

- The pre-season inspection (below) tests the system by component. This begins by testing all\* rental bindings with a typical boot, then testing single samples of boots with a binding
- The in-season inspection (page 63) involves sampling ski/binding/boot systems

### SELECTING A TEST REFERENCE BOOT

1. Choose five single boots with a 311-330 mm sole length, (approx. 260mm for junior) preferably the same model.
2. Clean all five boots with liquid dish detergent and water solution (see photo 68).



photo 68

3. Adjust a rental binding to one of the five boots, and an indicator value of 5 (indicator value of 2 for junior).
4. Condition the boot/binding system by releasing it in all directions.
5. Perform three TWIST release tests in each direction and record the middle quantitative value.
6. Test the other four boots using the same procedure (steps # 3-5).
7. **Reject any boot with a clockwise and counter-clockwise TWIST test difference of more than 5 Nm.**
8. Choose the boot with the middle value. This is the TWIST REFERENCE BOOT.
9. Repeat the steps above to find the FORWARD LEAN REFERENCE BOOT by replacing the TWIST test in step # 5 with the FORWARD LEAN test.

### PRE-SEASON BINDING PREPARATION

1. Visually inspect the bindings for the following:
  - a. Screw tightness
  - b. AFD condition
  - c. Freely working brakes
  - d. Read-able visual indicators
  - e. Heelpiece can move in track
2. Adjust all bindings to the REFERENCE BOOT, and an indicator value of 5.
3. Lubricate all boot/binding interfaces with liquid dish detergent and water solution (see photo 68 above).
4. Place REFERENCE BOOT in binding.
5. Check the elastic travel by striking the boot toe with a sharp blow.
6. Check the travel of the heelpiece by moving the boot heel up 10 mm, seeing that it returns quickly.

## PRE-SEASON BINDING INSPECTION AND TESTING

Refer to INSPECTION AND TESTING PROCEDURES (page 60) for more details

Using the following steps, test ALL\* ADULT BINDINGS in your Rental inventory using your REFERENCE BOOT and an INDICATOR VALUE of 5.

Rental bindings or tracks that are pre-mounted at the factory only 20% sample is required.

### IMPORTANT Notes:

- Do not clamp the ski when doing twist tests with a Vermont Calibrator
- Hand position on clockwise and counter-clockwise twist tests is CRITICAL (see photos 64 and 65)



photo 64

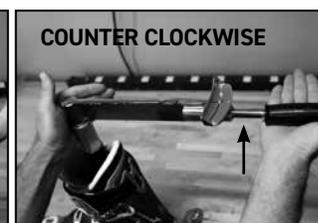


photo 65

1. Perform three TWIST tests in each direction and record the middle quantitative value.
  - a. Set the ski aside if that value is not 43 Nm – 58 Nm.
2. Perform three FORWARD LEAN tests and record the middle quantitative value.
  - a. Set the ski aside if that value is not 165 Nm – 229 Nm.

Inspection of rental systems:

1. IRS rental systems do not need pre-season boot and binding inspections in the first year of use
2. \*New, pre-mounted rental ski-binding systems can be inspected using a 5% random sample

Using the following steps, test ALL\* JUNIOR BINDINGS in your Rental inventory using a REFERENCE BOOT with a sole length of approx. 260 mm and an INDICATOR VALUE of 2:

1. Perform three TWIST tests in each direction and record the middle quantitative value.
  - a. Set the ski aside if that value is not 17 Nm – 23 Nm.
  - b. **If a larger boot with a sole 271 mm -290 mm is used, set binding to an INDICATOR VALUE of 3; and use 27 Nm – 37 Nm TWIST reference.**
2. Perform three FORWARD LEAN tests and record the middle quantitative value.
  - a. Set the ski aside if that value is not 64 Nm – 87 Nm.
  - b. **If a larger boot with a sole 271 mm -290 mm is used, set binding to an INDICATOR VALUE of 3; and use 102 Nm – 141 Nm FORWARD LEAN reference.**

Notes:

- If many ADULT or JUNIOR bindings are outside of the tolerance, select another REFERENCE BOOT
- Re-inspect the binding adjustments and retest if changes are made
- Corrections to the visual indicator are allowed and should be notated on the ski and maintenance record

**PRE-SEASON BOOT INSPECTION**

1. Randomly select any two skis with bindings that have results in the Inspection Range
2. Clean the bindings with a mild detergent and water.
3. Lubricate all boot/binding interfaces with liquid dish detergent and water solution (photo 68, page 62).
4. Put REFERENCE BOOT into each binding and adjust the bindings to the same Release Torque value (example: set both bindings with a testing device so they both release at 50 Nm of torque on the testing device).
5. Clean the detergent from one binding.
6. Test the boot in the clean binding, then the lubricated binding. TWIST test should be performed clockwise only.
7. Record all results. Do not use a boot with a difference of more than 20%.\*

**SAMPLE BOOTS**

1. For boots that have not been inspected or are NEW to inventory: take a single boot from each cell (a cell is make, model, and shell size).
2. For used boots: take a 10% sampling at random, using a selection of sizes.

**\*Note: To determine 20%, multiply the clean value by .80. The boot passes inspection if the lubricated value is greater than or equal to that value.**

**If the resulting value is greater than 20%, 16 single boots in that cell should be inspected.**

1. **Take 16 boots in the cell and clean if necessary.**
2. **First test the boot in the clean binding, then in the lubricated binding.**
3. **Record all results.**
4. **Retest or reject boots that are greater than 20%.**

**Note: Upon completion of the pre-season inspection, clean the dish detergent from the equipment and lubricate the binding with Rossignol grease or equivalent.**

**IN-SEASON SYSTEM INSPECTION**

The following instructions should be used when the rental boot manufacturer does not give instructions for boot inspection.

1. Boot and binding random sampling can be done at the same time.
2. Sampling size is 5% of the inventory.
3. \*Test only one ski from each pair.
4. Any random technique that allows any boot or binding the same chance of being selected as any other is acceptable; see example below:
  - a. From the day of the sample, choose every tenth ticket.
  - b. Assemble a boot and binding from each pair.
  - c. Determine the Skier Code from the skier information.
  - d. Check elastic travel.
  - e. Test the boot in TWIST (one direction); then FORWARD LEAN.
  - f. Compare test results to the chart on page 69.

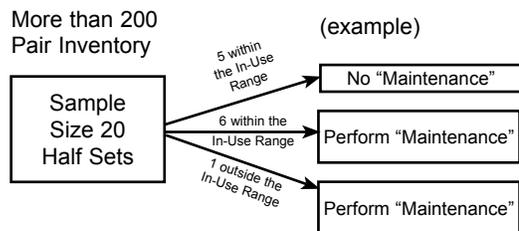
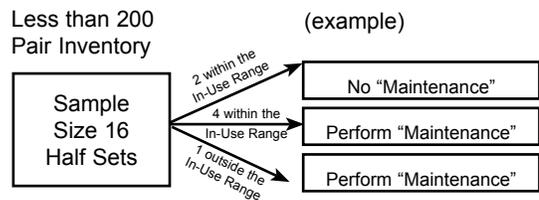
Example: From the skier’s personal information, you determine they are a Skier Code ‘E’.

If the TWIST test results are:

- 17 Nm – 23 Nm; **Indicate Inspection Range**
- 14 Nm – 17 Nm or 23 Nm – 27 Nm; **Indicate In-Use Range**
- < 14 Nm or > 27 Nm; **Indicate Outside the In-Use Range**

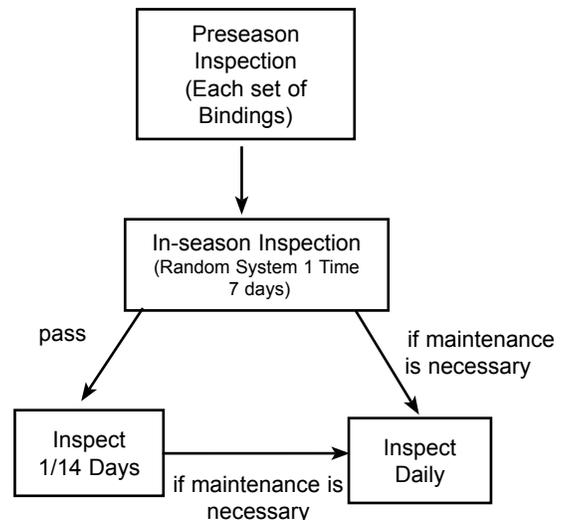
Take half your sample in equipment going out and half as the equipment is returned. Use this also as an opportunity to check on your technicians rental work.

**Maintenance Decision Trees**



**Inspection Schedule**

For inventories greater than 300 pairs, inspect 5% but 80 pair maximum



## SAMPLE EVALUATION

Note the number in the In-Use range and outside the In-Use Range results.

- If the sample consisted of MORE than 20% in the In-Use Range results
- If the sample had any outside the In-Use Range results

If the sample consisted of less than 20% in the In-Use Range results and had NO outside the In-Use Range results, less sampling is required.

Maintenance would be performed if the sample had more than the allowed results. Maintenance would consist of identifying and correcting whatever caused the results that are in the In-Use Range or outside the In-Use Range.

Visual inspection and correction of issues in the inventory would follow. This would require that the sampling procedure be repeated each day until two consecutive samples passed, at which point sampling would be once a week.

## DOCUMENTATION

Service logs should be kept on all equipment for AT LEAST the statute of limitations. Service logs should include: description of service, date of service, and initials of technician performing the service.

## INCOMPLETE RENTAL SYSTEMS

- For customers that bring in their own skis/bindings, but rent your boots: perform a complete system inspection with a testing device on the equipment, every time
- For those customers who bring their own boots, but rent your skis/bindings, do a visual BOOT INSPECTION, (see page 6)

If the customer's boot passes the visual boot inspection:

1. Lubricate all boot/binding interfaces with silicone or equivalent (Do not use WD-40).
2. Adjust the binding to the boot.
3. Adjust the Visual Indicator Settings based on the physical characteristics of the rental customer (see pages 67-69).
4. Notify the customer that a full test is available if desired.
5. Dispatch the rental system to the customer (see DISPATCH, page 59).

Note:

- After a minimal amount of use, boot soles may not exactly meet all dimensional requirements of the ISO standard, but this may or may not affect the performance of the boot/binding system

- As technicians become more experienced with the use of testing devices they will know how much wear will adversely affect the performance of the system
- When in doubt, perform a Clean vs. Lubricated Test, (see page 65)

## INCOMPLETE RENTAL SYSTEMS SAMPLE

1. Take a 5% sample of incomplete systems once a week.
2. Determine the appropriate number of units to sample (5% of incomplete rental units.)
3. Choose a random sample technique. (Example: every 20th incomplete unit to be returned will be sampled.)
4. As equipment is returned (every 20th one), or any convenient time, put the customer's boot into the binding and check fitting adjustments.

## SAMPLE PREPARATION

1. Clean all boot and binding interfaces with mild detergent and water.
2. Move boot-toe off-center 10 mm horizontally, confirming that it returns to center quickly.
3. Move boot-heel 10 mm vertically, confirming that it returns to center quickly.
4. Perform TWIST and FORWARD LEAN tests (see page 62).
5. Compare the measured results to the appropriate inspection range, according to the sample customer's information.

**Take samples daily if more than 20% fall in the In-Use Range results within any sample.**

# MAINTENANCE AND TROUBLESHOOTING PROCEDURES

## TROUBLE SHOOTING & CORRECTIVE ACTION

The ability to correctly identify the cause of a functional problem is extremely helpful for quick binding maintenance. Careful observation of repeated cause-and-effect situations may help initiate a specific form of preventative maintenance.

For example: If a result in the In-Use Range result is caused by only a worn or damaged AFD, then maintenance of the remaining full sets pertains to AFD inspection and replacement only. Systems may have multiple issues; therefore troubleshooting requires careful observation for multiple problems, corrective action, and determination if the problem has been solved. With experience these types of can be resolved rapidly.

## CLEAN VS. LUBRICATED TEST: RETAIL & RENTAL



**This diagnostic test determines if a boot is compatible with the binding as a system:**

1. Inspect for hard shell material by dragging your fingernail across the shell.
  - a. Boot shells with a milky look that can be permanently indented with a fingernail are NOT acceptable.
  - b. Boot shells that can be indented, or are questionable should proceed with the Clean Vs. Lubricated Test below:
2. Perform a TWIST test in each direction and record results (see pages 68 & 69).
3. Lubricate boot/binding interface with thin film of Rossignol binding grease or equivalent.
4. Repeat TWIST test in each direction and record results.
5. Compare the results between the clean and lubricated tests.
  - a. If the difference is more than 20% the boots should not be used with that binding (example: if clean test equals 20 Nm, and lubricated test equals 15 Nm, the difference is 25% and the boot cannot be used with that binding).

**Soles may appear to be clean. The clean vs. lubricated test shows the affects of contamination and/or soft shell materials. Cleaning boot soles may resolve the issue.**

## MAINTENANCE: BINDING LUBRICATION

**To enhance the longevity of Rossignol Group bindings, lubricate the toe piece and heelpiece at the beginning of each ski season by following the steps below:**

1. Adjust the binding indicator setting until the toe wings can be pushed to one side.
2. Push toe wings to one side and insert a SMALL amount of Rossignol binding grease (or equivalent) in the channel between the wings and the housing.
3. Push the wings in the opposite direction and repeat for the other side.
4. Push the wings off center several times in both directions of twist.
5. Wipe off any excess lubrication on the outside of binding.
6. Remove the heelpiece from the heel track.
7. Apply a SMALL amount of Rossignol binding grease (or equivalent) inside the channels of the heel track.
8. Re-install the heelpiece and confirm forward pressure is set correctly.

## MAINTENANCE: END-OF-SEASON – RENTAL

**Rental equipment needs special care at the end of the season. Repairs have to be made and equipment should be prepared for storage following the steps below:**

1. Reduce all indicator settings to the binding minimum.
2. Close all heelpieces.
3. Check for play between screws and components.
4. Check that brakes operate freely and correctly.
5. Clean and lubricate the boot/binding interfaces, including Teflon AFD's and AFD Gliders (mechanical).
6. Replace worn or damaged AFD's (see page 81).
7. Dismantle the toe and heel sections on Speedset (EPR), Quickset, Demo<sup>2</sup> models
  - a. Clean the toe and heel tracks with a damp cloth.  
Note: Never clean bindings with solvents, hot water, or pressure wash.
  - b. Lubricate toe and heel tracks with Rossignol binding grease and reassemble.
8. Always store equipment in a dry place.
9. We recommend cleaning and lubricating rental bindings at least two times per season.

## TROUBLESHOOTING: BINDING TOE WINGS

Dual Action/Full Drive toe piece's allow the toe wings to rotate 180° (photo 38). This will only happen during a backward twisting fall. To return toe wings to the correct position:

1. Make note of the binding's current indicator setting.
2. Using a # 3 Pozidrive screwdriver, turn the indicator setting to its lowest value (photo 70).
3. By hand, turn toe wings 180° and return to the correct position (photo 71).
4. Readjust the toe piece to its original indicator setting (photo 72).
5. Test system (see Adjusting and Testing Procedures, pages 60-64).



photo 70



photo 71



photo 72

## XPRESS INDICATOR WINDOW REPLACEMENT (Heel only)

Xpress heel piece Indicator Setting Windows may become scratched and marked to a degree that may make reading and aligning release indicator values difficult. This scratching and marking occurs when the tip of a pole is inserted into the cut-out on the heel lever that allows Indicator Setting Window visibility and is used to disengage the binding.

In order to ensure proper binding function and release values It is MANDATORY to replace the binding's Heel Indicator Setting Window with the replacement that displays the SAME indicator setting range.

**Note:** There are 3 models of Xpress bindings, and each has a unique Heel Indicator Setting Window to that specific model. These 3 different Heel Indicator Setting Windows are the same shape, but are NOT interchangeable.



XPRESS 7 HEEL  
Item # FCCF003



XPRESS 10 HEEL  
Item # FCCF004



XPRESS 11 HEEL  
Item # FCCF005

For single pair replacement:

Before you begin, ensure that the new Heel Indicator Setting Window is the same model and displays the same indicator setting range as the window that is being replaced.

- Xpress 7 shows Indicator settings 2-7
- Xpress 10 shows Indicator settings 2.5-10
- Xpress 11 shows Indicator settings 3.5-11

To remove and replace the Heel Indicator Setting Window:

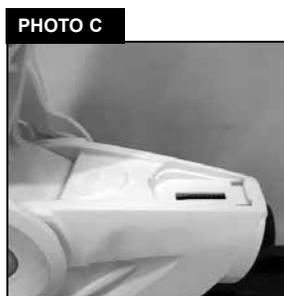
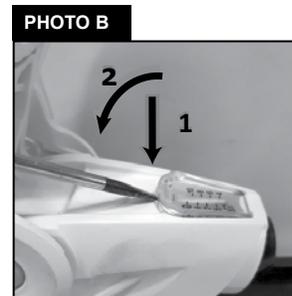
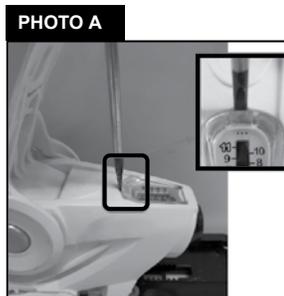
1. Insert a 4mm flathead screwdriver between the heel housing and the front of the Heel Indicator Setting Window (the end closest to the binding's brake) (Photo A)
2. Lightly lever up the tip of the screwdriver and rotate it until the Heel Indicator Setting Window is free of the heel housing. (photo B)
3. Remove the original Heel Indicator Setting Window. (Photo C)
4. Position the replacement Heel Indicator Setting Window so the two tabs are aligned with the two notches on the rear of the heel housing (Photo D)
5. Press down on the Heel Indicator Setting Window until it securely clips in place.

6. Visually confirm that the new Heel Indicator Setting Window displays the same Indicator Setting range as the Toe Indicator Setting Window.
7. Test system (see Adjusting and Testing Procedures, pages 60-64).

For multiple pairs/batches/fleet replacement:

Before you begin, separate and group together, by binding model, all bindings which require indicator setting window replacements (ex. Group together all Xpress 7 bindings, group together all Xpress 10 bindings, group together all Xpress 11 bindings).

- Models can be identified by:
  - A. Model name stamped on the heel piece.
  - B. Indicator setting range displayed on toe and heel piece.
    - Xpress 7 shows Indicator 2-7
    - Xpress 10 shows Indicator 2.5-10
    - Xpress 11 shows Indicator 3.5-11
- Ensure that the new Heel Indicator Setting Window is the same model and displays the same indicator setting range as the windows that are being replaced.
- Select one group of the same binding model and replace all Indicator Setting Windows of that binding model as needed by following steps 1-7 above.
- Proceed to work, by binding model group, until completed.



Display the most current Release Preference poster in your shop and direct the skier to use it. This is an important part of the system adjustment process and makes the skier an active participant in the adjustment process.

Please note:

- Release Preference is NOT the same as Skier Ability
- Determining Release Preference is the skier's responsibility

# RELEASE PREFERENCE

## Determining Your Release Preference is Your Responsibility

Your Release Preference, height, weight, age, and boot sole length are used by the shop technician to determine the release/retention settings for your bindings. Consult these descriptions to select your Release Preference. This information may affect your risk of injury. Be sure to provide accurate information.

	<b>SKIERS NOT DESIGNATED I OR III.</b>	
<b>I</b>	<b>II</b>	<b>III</b>
<b>SKIERS WHO ARE UNCERTAIN OF THEIR PREFERENCE</b>	<b>MOST SKIERS ARE SATISFIED WITH A (II) SETTING</b>	<b>THIS CORRESPONDS TO DECREASED RISK OF INADVERTENT BINDING RELEASE AND INCREASED RISK OF NON-RELEASE.</b>
Skiers who designate themselves as (I) receive <b>lower than average ski binding release settings</b> . This corresponds to easier ski binding release in a fall. Recommended for entry-level skiers.	Skiers who designate themselves as (II) receive average ski binding release settings appropriate for most recreational skiing.	Skiers who designate themselves as (III) receive <b>higher than average ski binding release settings</b> . This designation is not recommended for skiers 47 lbs. (21 kg) and under.

If from experience, you have been dissatisfied with the release/retention settings that result from your release preference, mention this to your binding technician.

# 2022/23 BINDING ADJUSTMENT

## DETERMINING INDICATOR VALUE SETTINGS, INSPECTION RANGE AND IN-USE RANGE

Using the 2022/23 Rossignol Group Binding Adjustment Chart (page 69), follow the steps below to find the correct INDICATOR VALUE SETTING for each skier; and the correct INSPECTION RANGE and IN-USE RANGE referenced when testing boot/binding systems:

### STEP ONE: WEIGHT AND HEIGHT

1. Find the skier's weight and height in the two left hand columns.
2. Move to the next column to the right to find the corresponding the Skier Code letter(s).
3. If the skier's weight and height generates two different Skier Codes, choose the one closest to the top of the chart (example: if Skier Code 'H' and 'I', use 'H').

### STEP TWO: RELEASE PREFERENCE (see chart on page 67)

1. This chart applies to skier designated I.
2. For skier designated II, move down one row (ex: Skier Code 'H' becomes 'I').
3. For skier designated III, move down two rows (ex: Skier Code 'H' becomes 'J').  
**Except for skiers less than 48lbs – move one row maximum.**

### STEP THREE: AGE OF SKIER

1. For skiers ages 50 and over, move up the chart one row (ex. Skier Code 'H' becomes 'G').
2. For skiers ages 9 and younger, move up the chart one row (ex. Skier Code 'F' becomes 'E').

### STEP FOUR: BOOT SOLE LENGTH

1. Using the Skier Code and Boot Sole Length (mm) as references, determine the Indicator Value Indicator Setting.
  - a. *Note:* if the corresponding box has no value, move across the row to nearest box with a value.

### STEP FIVE: INSPECTION RANGE and IN-USE RANGE

1. Follow the designated Skier Code across the chart to the TORQUE RANGE columns.
2. The number in each TORQUE RANGE column, directly across from the designated Skier Code is the REFERENCE TORQUE.
  - a. The REFERENCE TORQUE is not a target value, it is only a reference point for determining the INSPECTION RANGE and IN-USE RANGE.
3. The INSPECTION RANGE is designated by the numbers directly above and below the REFERENCE TORQUE (see example below).
4. The IN-USE RANGE is designated by the numbers two rows above and below the REFERENCE TORQUE (see example below).

23
27
31
37
43

#### EXAMPLE:

- Using Skier Code 'H' will give a REFERENCE TORQUE of 31 Nm (TWIST)
- The numbers above and below that REFERENCE TORQUE is the INSPECTION RANGE for TWIST: 27 – 37 Nm
- The numbers two rows above and below the REFERENCE TORQUE is the IN-USE RANGE for TWIST: 23-43 Nm

*\*Reference to Release Preference System in the Rossignol Group Technical Manual.*

- **Do not use any other chart to adjust Rossignol Group bindings. This chart is effective July 2022.**
- Only use the Rossignol Group's most current indicator setting chart (as shown in this year's Manual).
- This binding adjustment chart is for the setting and inspection of ski equipment to be dispatched to the skier.
- The information contained in this chart is not appropriate for post-accident evaluation, as the acceptable range of performance for systems after they have put into use is broader than the tolerances that are expected of systems on the workbench.
- Follow the instructions in the Discretionary Setting Section (page 70) of the Rossignol Group Manual for those skier's who have special concerns or those who are not satisfied by the setting generated by this chart.

**NOTE:** The initial indicator settings found in this table are only the starting point in the boot/binding system setting process. The initial values may need to be modified to achieve the correct measured release values.

Weight (lbs)	Height (ft'in")	SKIER CODE	INDICATOR SETTING sole length (mm)								TORQUE RANGE			
			1	2	3	4	5	6	7	8	SKIER CODE	Twist (Nm.)	Lean (Nm.)	
			≤ 230	231-250	251-270	271-290	291-310	311-330	331-350	≥ 351				
												5	18	
22-29	48-56	<b>A</b>	.75	.75	.75							<b>A</b>	8	29
30-38		<b>B</b>	1	.75	.75	.75						<b>B</b>	11	40
39-47		<b>C</b>	1.5	1.25	1.25	1						<b>C</b>	14	52
48-56		<b>D</b>	2	1.75	1.5	1.5	1.25					<b>D</b>	17	64
57-66		<b>E</b>	2.5	2.25	2	1.75	1.5	1.5				<b>E</b>	20	75
67-78		<b>F</b>	3	2.75	2.5	2.25	2	1.75	1.75			<b>F</b>	23	87
79-91		<b>G</b>		3.5	3	2.75	2.5	2.25	2			<b>G</b>	27	102
92-107	≤4'10"	<b>H</b>			3.5	3	3	2.75	2.5			<b>H</b>	31	120
108-125	4'11"- 5'1"	<b>I</b>			4.5	4	3.5	3.5	3			<b>I</b>	37	141
126-147	5'2"- 5'5"	<b>J</b>			5.5	5	4.5	4	3.5	3		<b>J</b>	43	165
148-174	5'6"- 5'10"	<b>K</b>			6.5	6	5.5	5	4.5	4		<b>K</b>	50	194
175-209	5'11"- 6'4"	<b>L</b>			7.5	7	6.5	6	5.5	5		<b>L</b>	58	229
≥210	≥6'5"	<b>M</b>				8.5	8	7	6.5	6		<b>M</b>	67	271
		<b>N</b>				10	9.5	8.5	8	7.5		<b>N</b>	78	320
		<b>O</b>				11.5	11	10	9.5	9		<b>O</b>	91	380
		<b>P</b>						12	11	10.5		<b>P</b>	105	452
													121	520
													137	588

Skiers less than 48lbs. MAXIMUM INCREASE ONE ROW

Note 1: For skiers 29lbs and under, no further correction is appropriate.  
 Note 2: For skiers 38lbs and under, Skier designated (-I) is inappropriate.



# DISCRETIONARY INDICATOR SETTINGS

If a skier has special concerns, or has been dissatisfied with the indicator settings resulting from normal Release Preference, they may choose to select a higher or lower Release Preference (Skier designated - I; or Skier designated III +).

They may also select different Release Preference designations for the toepiece (TWIST) and heelpiece (FORWARD LEAN). **In this instance, skiers who request a lower setting will normally have only the toepiece set lower. Skiers who request a higher setting will normally have only the heelpiece set higher.**

## RELEASE PREFERENCE (- I)

Skier designated (- I) is for skiers who desire lower indicator settings than Skier designated I, and will further increase the risk of inadvertent binding release in order to gain increased release-ability in the instance of a fall.

**This will result in different settings for the toe and heel. The toe setting will be adjusted lower than the heel setting. To calculate the lower setting, find the initial indicator setting then decrease the Release Preference by moving UP the chart one setting.**

Document the two Release Preferences, two Skier Codes, and two Indicator Settings on the work shop/rental ticket; example below:

Skier Code: (J/K)

Skier designated: (- I / I)

## RELEASE PREFERENCE (III +)

Release Preference (III +) is for skiers who desire higher indicator settings than Skier designated III, and will further decrease release-ability in order to gain decreased risk of inadvertent release.

**This will result in different settings for the toe and heel. The heel setting will be adjusted higher than the toe setting. To calculate the higher setting, find the initial indicator setting then increase the Release Preference by moving DOWN the chart one setting.**

Document the two Release Preferences, two Skier Codes, and two Indicator Settings on the work shop/rental ticket; example below:

Skier Code: (J/K)

Release Preference: (III / III +)

The indicator settings used to set your equipment comply with applicable International Standards, including: ASTM F939; ASTM F1063; ISO 8061; ISO 11088.

These standards were developed by a consensus of industry representatives, safety organizations, consumer groups, government agencies, and independent scientists, and are believed to represent an effective compromise between the release and retention needs of recreational skiers. Adhering to these procedures will reduce the risk of injuries resulting from improper release selection, but skiing involves many risks which are not related to binding retention and release. Even a properly adjusted binding cannot release under all injury-producing loads or retain the boot during all skiing maneuvers.

*Note:* Skiing at higher settings increases retention, but reduces the chances of release. Skier using higher release settings must acknowledge and accept this increased risk.

*Note:* The Rossignol Group Release Adjustment chart conforms to International Standards ASTM F-939 and ISO 8061. Other settings based on ASTM F-939 and ISO 8061 are also acceptable.

If based on further skiing, it is believed that higher settings are needed; the settings may be increased as long as release is possible (see Self-Release Procedure, below).

## SELF-RELEASE PROCEDURE

**Follow the procedure below with the skier's boot fully buckled (as it is during skiing) and engaged in the ski binding.**

1. Setting the Heelpiece:
  - a. Have the skier stand on one foot.
  - b. **The ski should not be restrained.**
  - c. Instruct the skier to release the heelpiece by bending their lower leg forward. (Move knee forward and down, toward the forebody of the ski). **Do not lunge forward with the opposite leg. This will cause undesirable upward pulling on the Achilles tendon.**
  - d. Readjust the setting to the skier's comfort threshold.
2. Setting the Toepiece:
  - a. Have the skier place the ski on its inside edge, by rolling the lower leg inward.
  - b. Then slowly twist the foot inward. **Rapid twisting should be avoided.**
  - c. Readjust the setting to the skier's comfort threshold.
3. **Document on the work ticket the final setting and have the skier initial the form.**

## **INFORMATION FOR SKIERS REQUESTING DISCRETIONARY SETTINGS**

1. Your normal indicator settings comply with ASTM standards. Although these guidelines may be inappropriate for some types of competitive skiing or competition training, they are believed to provide an effective compromise between the release and retention needs of most recreational skiers.
2. Adhering to these guidelines may help to reduce the risk of injuries resulting from improper indicator setting selection. However, skiing involves inherent risks. Injury can result from simply falling down, impact with an object, or from many other actions. Many injuries are unrelated to the function of the release system. Furthermore, even a properly adjusted ski/binding/boot system cannot protect the skier in all situations.
3. Difficulties with release or retention may be unrelated to indicator settings. They can result from your skiing style, the incompatibility of your boots and bindings, wear, damage, or contamination of the release system. Be sure to describe your circumstances to the shop technician and to authorize recommended inspections and repairs before proceeding.

If you have been dissatisfied with the indicator settings that result from your normal release preference, you may wish to consider changing your release preference, designating skier release preferences that are different for twist and forward lean, or request discretionary indicator settings that are higher or lower than the normal range.

Lower settings correspond to an increase in the risk of inadvertent binding release in order to gain increased releasability in a fall.

Higher settings correspond to a decrease in releasability in a fall in order to gain a decreased risk of inadvertent binding release.

Although the shop technician may help you to record your choice on the appropriate form, the final decision on your indicator settings is the skiers'.

# DOCUMENTATION

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## RECORD REQUIREMENTS

It is required to record and save the following information for each binding service. Retain this information for five years or the statute of limitations in your state; whichever is longer. *Note: for children the statute of limitations begins when the skier reaches the age of 18.*

- Name
- Address
- Weight
- Height
- Release Preference (I, II, III) (-I, III+)
- Age
- Boot sole type (Alpine, WTR, AT, GRIPWALK® (ISO 23223) other)
- Boot sole length
- Boot brand, model, sole type
- Ski brand, model and serial #
- Indicator setting, skier code
- Indicate pass, inside or outside the In-Use range
- Date of service
- Identification of technician involved with service
- Signature of customer, agent, parent or legal guardian

The skier or agent should sign at the end of the transaction after all necessary information is recorded. Some shops may require additional signatures.

Note: The signature of a minor is acceptable if the minor can understand the release preference system and the release language on the work ticket. It is best to get the signature of both the minor and the parent or guardian when possible.

The signature of a person other than the skier noted on the ticket is acceptable if it is noted on the form that the person is acting as an agent and will communicate all information and warnings to the skier. The skier should be shown what the agent will be signing when the agent picks up the equipment.

**After completion of the service, documentation, and discussion of the risks associated with the sport, give the skier a copy of the work ticket and the instructions that are packaged with the binding.**

## THE SKIER'S SIGNATURE AND INDEMNIFICATION

The skier's signature on a liability release is required in order to qualify for The Rossignol Group Indemnification program. Rossignol and Look dealers are not otherwise required to use liability releases, but those who do not use liability releases will not qualify for indemnification in the event of a legal claim. The full requirements for indemnification are stated in The Rossignol Group Alpine Ski Binding Indemnification Agreement.

Dealers who use liability releases should be sure to advise customers that they are signing a liability release. Some customers may object to signing a liability release. How to deal with such customers should be a consistent shop policy. It may be advisable to remind customers that if they do not wish to use services of your shop, they are free to have their equipment installed or maintained by another technician of their choice, although it is highly recommended that a technician who has completed a Rossignol Group technical review be used.

Dealers who choose not to use liability release agreements should provide all appropriate warnings to customers regarding the inherent risks of skiing and the limitations of the boot/binding system to protect them from injury.

Efforts should be made to segregate the sale and service portions of any transaction. It should be made clear that the signing of the liability release only pertains to the service aspect of the transaction and not the sale of the equipment.

**When a customer or agent picks up ski equipment, be sure to:**

1. **Give the in-box instructions.**
2. **Give a copy of the completed and signed work ticket.**
3. **Demonstrate how the binding works and discuss the warnings and instructions on page 73.**

# SKIER INSTRUCTIONS

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***We want people to enjoy skiing. Therefore, it is important that they fully understand the capabilities of their equipment and specifically, how to use and maintain their bindings. Go over the following information with every customer of Rossignol Group bindings:***

1. **A NOTE ON SKIING**  
Skiing, like all sports, involves a certain degree of risk which must be recognized and accepted.
2. **THE ALPINE BINDING IS:**  
Designed to release the boot from the ski in twist directions, forward and backward direction and to retain the boot to the ski during controlled skiing maneuvers.
3. **THE BINDING WILL NOT:**  
Release under all injury-producing loads.
4. **A NOTE ON CLEANING:**  
Dirt and other foreign matter that is found in snow will accumulate in the binding and must be removed.

At the start of each ski season and every 30 skiing days thereafter (whichever comes first), the skier should go to a Rossignol or Look dealer for a boot/binding system inspection. If anything appears to be wrong at any time, the skier should return to a Rossignol or Look dealer for service.

A clean, undamaged AFD is critical to the function of the ski-boot-binding system. It should be inspected visually on a daily basis. Skiers should routinely check for the looseness of the binding, mounting screws, binding components and the boot/binding connection. Also advise the skier to release the boot from the ski in the twist and forward directions every ski day. This exercises the working mechanism. (*Note: this can be done by pushing each wing open and by opening and closing the heel by hand*).

5. **ADVISE SKIERS:**  
To use protective covers when transporting their equipment. Advise skiers to store skis in a warm and dry area after skiing so that snow and ice melt rather than become refrozen in the working mechanism.
6. **THE ALPINE BOOT:**  
Instruct skier to keep all buckles secured during skiing. Significant wear of the boot sole will have an adverse effect on the function of the binding.
7. **TELL THE SKIER:**
  - a. To remove dirt, snow and ice from the boot sole. Place the toe of the boot in the toe piece, push the ski forward to ensure that the boot is in the toe cup and step in at the heel.
  - b. To get out, press down on the heel cap with a ski pole and step out.
8. **INDICATOR SETTING ADJUSTMENTS:**  
Show the skier their personal indicator settings on the bindings and have them sign your work order form indicating that they have acknowledged these specific settings.

Advise skiers that they should never change these settings without the advice of a Rossignol or Look dealer. They should be warned of the consequences of making an over correction:

- Lowering the indicated setting too much may cause inadvertent release.
- Increasing the indicated setting too much may prevent release. Skiers should therefore go to a Rossignol or Look dealer for the correct system adjustment.

# POST ACCIDENT REPORT

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Considering the litigious nature of our society, it is best to be cautious when dealing with a reported accident or injury. When an injury has been reported or if someone makes comments about a legal claim or suit, you should observe, listen and gather information. Be polite and sympathetic, but do not apologize, do not argue, and do not get involved in confrontations or discussions of blame, fault, or "who will pay for this." If a legal claim is presented, it will be turned over to the lawyers and claims adjusters, who will decide what to do after completing their investigations. Your job is to gather information and to avoid jumping to conclusions or making unauthorized statements. Even well-meaning comments about legal issues can lead to misunderstandings, and must be avoided. Nothing you say is "off the record" or "just among friends." If you are pressed to make a statement, simply say that you are not authorized to speak about the issue and turn the matter over to your manager or legal counsel.

While the information is fresh and the customer (or their friends or family) are in your shop, take the opportunity to find out the basic information (i.e., injured person's name, address, witness names and addresses, type of injury, what they saw, where it happened, etc.). If you have the equipment involved in the incident, testing should be part of the investigation. **Record actual test results, not pass/fail.** Perform forward bending tests first. We recommend that an NSAA post-accident inspection form be used.

Fill out the report accurately and completely, without any editorial comment. Use quotes if you are taking down exactly what someone has told you. If part of the information called for in the report is unavailable, enter "not available" or another reason why the information has not been written down. This document may become part of a legal case years later, when your personal recollection is not as strong, so it is important to get the information accurately and completely while it is fresh.

**Remember:**

You are doing a "system" inspection. Results of the inspection are expressed as inside the "Inspection Range", "inside the In Use Range" or "outside the In Use Range". Statements such as "the binding failed" would most likely be inaccurate and at least, unsubstantiated. To make any specific statement about the binding would require tests where the binding is isolated from the boot. Some of these tests to isolate parts of the binding require a laboratory test device using ASTM F-504 test method.

# WARRANTY

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## LIMITED WARRANTY

Rossignol Group Alpine Ski Bindings carry a "LIMITED WARRANTY" for one year from the date of purchase, two years if purchased as part of an integrated system with, or mounted on, a Rossignol or Dynastar ski.

The Rossignol Group acting as an agent for the manufacturer will repair or replace (at The Rossignol Group's option) the bindings, or any part, if the bindings are found to qualify for warranty. This warranty does not extend to damage resulting from misuse, neglect or abuse, normal wear and tear, accidents or to changes in exterior appearance or color.

TO THE FULLEST EXTENT ALLOWED BY LAW, THE ROSSIGNOL GROUP SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

ALL WARRANTIES OF ANY KIND ARE LIMITED IN DURATION TO A MAXIMUM OF TWO YEARS FOLLOWING THE ORIGINAL DATE OF RETAIL PURCHASE.

There are no other warranties, express or implied.

Please review the instruction manual for important information concerning safety, maintenance and use of your Rossignol Group bindings.

## BINDING WARRANTY RETURNS

- Please make sure to send a copy of the testing results in specific values.
- Label toes and heels, noting which toes and heels were together tested as a system.
- Make every effort to follow the outlined Retail Inspection Procedures (page 60).
- Be sure, no matter what the boot type or condition:
  1. Test the ski-binding-boot system "as-is"
  2. Clean the boot sole and binding at the boot interface completely with soap and water. Be sure the soap is cleaned off.
  3. Lubricate the boot-binding interface with dish detergent and complete a test.
  4. Retain the results.
- Remember to send both binding sets, two toes and two heels.

## WARRANTY PROCEDURE THE ROSSIGNOL GROUP

Before submitting bindings for warranty, take every opportunity to utilize the troubleshooting procedures that are discussed in this manual. We have found that most bindings that are returned for calibration reasons pass when tested with a different boot.

Ship the entire pair of bindings in question together with a concise explanation of the problem.

All US Dealers should ship to:  
The Rossignol Group Distribution Center  
Attn: Warranty and Repair  
267 North Depot Drive  
Ogden, UT 84404

Shipments to Canada should be made to:  
Groupe Rossignol Canada Inc.  
Attn: Warranty and Repair  
800 Georges-Cros  
Granby, Quebec, Canada J2J 1N2

# FORMS

## ROSSIGNOL GROUP WORK TICKET

(Item # RV8NR03)

ROSSIGNOL

1413 Center Drive • PO Box 981060 • Park City, UT 84098 • Tel: 435-252-3300 • Fax: 435-252-3301

TODAY'S DATE  
 \_\_\_/\_\_\_/\_\_\_

TAKEN BY		DATE DUE	
<b>SKIER/RIDER INFORMATION</b> (please print)			
NAME LAST		FIRST	
STREET ADDRESS			
CITY		STATE	ZIP
CELL PHONE			
E-MAIL ADDRESS			<input type="checkbox"/> PLEASE DO NOT ADD ME TO YOUR E-MAIL LIST.
AGE	HEIGHT FT. IN.	WEIGHT LBS.	
<b>RELEASE PREFERENCE</b>		<b>RIDER</b>	<b>ANGLES</b>
<input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III		<input type="checkbox"/> REG. <input type="checkbox"/> GOOPY	<input type="checkbox"/> FRONT <input type="checkbox"/> BACK

SKIS	SERIAL NUMBER	BRAND	MODEL	AMOUNT
SNOWBOARD ▶				\$
BOOTS	SOLE LENGTH mm	SOLE	HEEL	
		<input type="checkbox"/> ADULT <input type="checkbox"/> CHILDREN		
	SOLE TYPE			
	<input type="checkbox"/> ALPINE <input type="checkbox"/> WTR <input type="checkbox"/> AT <input type="checkbox"/> GRIPWALK™ <input type="checkbox"/> OTHER			
BINDINGS	BRAND	MODEL		
	SOLE TYPE			
	<input type="checkbox"/> ALPINE <input type="checkbox"/> WTR <input type="checkbox"/> AT <input type="checkbox"/> GRIPWALK™ <input type="checkbox"/> OTHER			
POLES	BRAND	LENGTH		
HELMET / OTHER	BRAND			

<b>TOTAL EQUIPMENT</b>	(A) ▶	
WORK REQUESTED		
SPECIAL INSTRUCTIONS		

ESTIMATED COST:	ACTUAL LABOR COST:	(B) ▶	\$
<b>SYSTEM INSPECTIONS</b>	SKIER CODE	SUB-TOTAL (A)+(B)	
VISUAL INSPECTION OF SYSTEM	IN <input type="checkbox"/> OUT <input type="checkbox"/> N/A <input type="checkbox"/>	TAX	
TEST FOR ELASTIC TRAVEL & RETURN	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>TOTAL</b>	\$
TEST OF BOOT-BINDING COMPATIBILITY	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	DEPOSIT	
RELEASE VALUE WITHIN SPECIFIC RANGE	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	BALANCE	\$

<input type="checkbox"/> WORK CANNOT BE PERFORMED OR COMPLETED DUE TO SYSTEM COMPONENTS THAT ARE OUT OF STANDARD OR OTHERWISE UNSUITABLE	INITIAL SETTINGS ▶	
	FINAL INDICATOR SETTINGS	
	TOE	LEFT RIGHT
	HEEL	

SPECIAL INSTRUCTIONS TO SKIER/RIDER

TECHNICIANS SIGNATURE

**I HAVE READ AND UNDERSTAND THE TERMS ON THE BACK OF THIS RETAIL WORKSHOP FORM, INCLUDING THE RELEASE CLAUSES, AND I VOLUNTARILY AGREE TO THEM.**

SKIER/RIDER

IF SKIER/RIDER IS A MINOR, THE SIGNATURE OF PARENT, LEGAL GUARDIAN OR AGENT IS ALSO REQUIRED. (PLEASE CHECK ONE)

PARENT  LEGAL GUARDIAN  AGENT

WORKSHOP (RETAIN FOR YOUR RECORDS)

### Warning/Liability Release & Agreement Not to SUE

I have received the equipment listed on this agreement and have been instructed on its use. I verify that the personal information (height, weight, age, release preference) on this ticket is correct. If at any time I feel the equipment is not functioning properly, I will stop using it and return it for inspection, repair or adjustments.

I understand and agree that skiing, snowboarding and other winter sports are HAZARDOUS activities, that INJURIES from various causes are an INHERENT RISK of participating in these activities, and that injuries to any or all parts of my body are a COMMON AND ORDINARY OCCURRENCE during these activities. I freely accept and ASSUME ALL RISKS OF INJURY OR DEATH that may occur while using this equipment.

ALPINE & GRIPWALK™ SYSTEMS: I have confirmed that the visual release indicators on the alpine ski bindings are the same as those designated on this ticket. I understand and agree that alpine ski/binding/boot systems CANNOT RELEASE OR RETAIN in all situations where release or retention may prevent injury, that they therefore CANNOT GUARANTEE MY SAFETY, and that undesired release or retention are inherent risks of skiing.

AT SKI/BINDING/BOOT: I have chosen to use Alpine Touring equipment (AT bindings and/or boots), because it provides functions not available with most Alpine equipment, but I understand and agree that AT ski/binding/boot will NOT provide the same release and retention performance as part of a ski/binding/boot system as standard Alpine ski/binding/boot.

SNOWBOARDS AND X-C: I understand that the binding systems on snowboards and cross-country skis are NOT INTENDED TO RELEASE in a fall or upon impact.

HELMETS: Snowsport helmets, when sized and fitted properly, can reduce the risk of injuries to those parts of the head that are covered by the helmet, but no helmet can protect the wearer against all foreseeable impacts or injuries. Skiing and snowboarding will expose the user to forces that exceed the limits of protection provided by any helmet, and serious injury or death can result from both low and high-energy impacts, even when a helmet is worn. Never use a helmet that has sustained a significant impact or that appears to be damaged, because damage may compromise the effectiveness of that helmet. Helmets must be properly fitted to each user, and I agree that this helmet has been properly fitted by the provider. I warrant that the helmet is comfortably snug and that when I fasten the chin strap and shake my head there is no significant movement of the helmet. I agree that if the helmet is damaged or involved in any kind of accident, I will stop using it immediately, return it to the shop and report the accident or damage.

To the fullest extent allowed by law, I agree to RELEASE FROM LIABILITY, and to INDEMNIFY AND HOLD HARMLESS The Rossignol Group, and all other manufacturers and distributors of the equipment provided to me under this agreement, any involved winter sport area, shop or service technician, and their owners, agents, employers and employees for any injuries, damages or death related to the use of this equipment. I FURTHER AGREE NOT TO MAKE A CLAIM OR SUE FOR INJURIES OR DAMAGES RELATING TO THE USE OF THIS EQUIPMENT, whether such claim is based on NEGLIGENCE, breach of warranty, product defect or any other theory. I accept this equipment AS IS with no warranties, express or implied. These waivers and obligations extend to my heirs and assigns.

THIS DOCUMENT IS A LEGALLY BINDING CONTRACT which supersedes any other agreements or representations by or between the parties. It shall be interpreted to provide as broad and inclusive a release of liability as is legally possible, but is not intended to assert any claims or defenses which are prohibited by law. If any part of this agreement is deemed void or unenforceable, the remainder shall be given full force and effect. The specific rights of the parties under this contract may vary from state to state.

If this equipment is to be used by someone other than me, I certify that I am signing it as agent, parent or legal guardian for the user and that I will provide this form and all warnings and information to the user.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent, Legal Guardian or Agent \_\_\_\_\_

Be sure to complete boot sole and binding types.

# ROSSIGNOL GROUP RENTAL FORM

(Item # RV8NR02)



TODAY'S DATE  
 \_\_\_ / \_\_\_ / \_\_\_



## RENTAL AGREEMENT

PERSON RESPONSIBLE FOR EQUIPMENT (please print)	
NAME LAST	FIRST
HOME ADDRESS STREET	
CITY	STATE ZIP
CELL PHONE	
E-MAIL ADDRESS	
<input type="checkbox"/> PLEASE DO NOT ADD ME TO YOUR E-MAIL LIST.	

SKIER/RIDER NAME (please print)				
RELEASE PREFERENCE I II III	RIDER REG. GOOFY	AGE	HEIGHT FT. IN.	WEIGHT LBS.
BOOTS MODEL	SOLE LENGTH mm.	SKIER CODE	SOLE TYPE <input type="checkbox"/> ADULT <input type="checkbox"/> ALPINE <input type="checkbox"/> GW	
BINDING TYPE <input type="checkbox"/> ALPINE <input type="checkbox"/> GW <input type="checkbox"/> AT		<input type="checkbox"/> CHILDREN <input type="checkbox"/> AT <input type="checkbox"/> OTHER		
SKIS SNOWBOARD	BOOTS	<b>TOTAL 1</b>		
TECH SIGNATURE	POLES	\$		
TOE	HEEL	HELMET / OTHER	<b>CASH CHARGE</b>	
TOE	HEEL		\$	
I HAVE READ, UNDERSTAND AND AGREE TO THE WARNING, RELEASE AND AGREEMENT.				
SKIER/RIDER SIGNATURE (Parent or Guardian)			DATE	

SKIER/RIDER NAME (please print)				
RELEASE PREFERENCE I II III	RIDER REG. GOOFY	AGE	HEIGHT FT. IN.	WEIGHT LBS.
BOOTS MODEL	SOLE LENGTH mm.	SKIER CODE	SOLE TYPE <input type="checkbox"/> ADULT <input type="checkbox"/> ALPINE <input type="checkbox"/> GW	
BINDING TYPE <input type="checkbox"/> ALPINE <input type="checkbox"/> GW <input type="checkbox"/> AT		<input type="checkbox"/> CHILDREN <input type="checkbox"/> AT <input type="checkbox"/> OTHER		
SKIS SNOWBOARD	BOOTS	<b>TOTAL 1</b>		
TECH SIGNATURE	POLES	\$		
TOE	HEEL	HELMET / OTHER	<b>CASH CHARGE</b>	
TOE	HEEL		\$	
I HAVE READ, UNDERSTAND AND AGREE TO THE WARNING, RELEASE AND AGREEMENT.				
SKIER/RIDER SIGNATURE (Parent or Guardian)			DATE	

DATE OUT ___ / ___ / ___	DATE DUE ___ / ___ / ___	TOTAL RENTAL DAYS ___	\$
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### Warning/Liability Release & Agreement Not to SUE

I have received the equipment listed on this agreement and have been instructed on its use. I verify that the personal information (height, weight, age, release preference) on this ticket is correct. If at any time I feel the equipment is not functioning properly, I will stop using it and return it for inspection, repair or adjustments.

I understand and agree that skiing, snowboarding and other winter sports are HAZARDOUS activities, that INJURIES from various causes are an INHERENT RISK of participating in these activities, and that injuries to any or all parts of my body are a COMMON AND ORDINARY OCCURRENCE during these activities. I freely accept and ASSUME ALL RISKS OF INJURY OR DEATH that may occur while using this equipment.

ALPINE SYSTEMS: I have confirmed that the visual release indicators on the alpine ski bindings are the same as those designated on this ticket. I understand and agree that alpine ski/binding/boot systems CANNOT RELEASE OR RETAIN in all situations where release or retention may prevent injury, that they therefore CANNOT GUARANTEE MY SAFETY, and that undesired release or retention are inherent risks of skiing.

AT SYSTEMS: I have chosen to use Alpine Touring equipment (AT bindings and/or boots), because it provides functions not available with most Alpine equipment, but I understand and agree that AT equipment will NOT provide the same release and retention performance as part of a ski/binding/boot system as standard Alpine boots and bindings.

SNOWBOARDS AND X-C: I understand that the binding systems on snowboards and cross-country skis are NOT INTENDED TO RELEASE in a fall or upon impact.

HELMETS: Snowsport helmets, when sized and fitted properly, can reduce the risk of injuries to those parts of the head that are covered by the helmet, but no helmet can protect the wearer against all foreseeable impacts or injuries. Skiing and snowboarding will expose the user to forces that exceed the limits of protection provided by any helmet, and serious injury or death can result from both low and high-energy impacts, even when a helmet is worn. Never use a helmet that has sustained a significant impact or that appears to be damaged, because damage may compromise the effectiveness of that helmet. Helmets must be properly fitted to each user, and I agree that this helmet has been properly fitted by the provider. I warrant that the helmet is comfortably snug and that when I fasten the chin strap and shake my head there is no significant movement of the helmet. I agree that if the helmet is damaged or involved in any kind of accident, I will stop using it immediately, return it to the shop and report the accident or damage.

To the fullest extent allowed by law, I agree to RELEASE FROM LIABILITY, and to INDEMNIFY AND HOLD HARMLESS The Rossignol Group, and all other manufacturers and distributors of the equipment provided to me under this agreement, any involved winter sport area, shop or service technician, and their owners, agents, employers and employees for any injuries, damages or death related to the use of this equipment. I FURTHER AGREE NOT TO MAKE A CLAIM OR SUE FOR INJURIES OR DAMAGES RELATING TO THE USE OF THIS EQUIPMENT, whether such claim is based on NEGLIGENCE, breach of warranty, product defect or any other theory. I accept this equipment AS IS with no warranties, express or implied. These waivers and obligations extend to my heirs and assigns.

THIS DOCUMENT IS A LEGALLY BINDING CONTRACT which supersedes any other agreements or representations by or between the parties. It shall be interpreted to provide as broad and inclusive a release of liability as is legally possible, but is not intended to assert any claims or defenses which are prohibited by law. If any part of this agreement is deemed void or unenforceable, the remainder shall be given full force and effect. The specific rights of the parties under this contract may vary from state to state.

If this equipment is to be used by someone other than me, I certify that I am signing it as agent, parent or legal guardian for the user and that I will provide this form and all warnings and information to the user.

# GROUP ROSSIGNOL 2022/23 RETAIL TECHNICAL REVIEW



Ask your manager for the SHOP ID and PASSWORD, and complete your review online. <http://techtraining.mountaincenter.com>

Tech Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

Please print complete address

Shop Account Number \_\_\_\_\_

Shop Name \_\_\_\_\_

Shop Address \_\_\_\_\_

Shop City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Date test taken \_\_\_\_\_

Retake:(circle) Yes No

Note: This is not a measure of your proficiency. It is meant to have you actively review the information that is in the Technical manual and/or was just communicated to you. A score of 100% should be easy to achieve. **It is unnecessary to complete the RENTAL Technical Review if you complete the Retail Technical review.**

To pass, 20 of 23 questions must be answered correctly. Questions 12 through 17 must be correctly answered.

Acknowledgment of a satisfactory completion will be sent to the shop.

Choose one correct answer to the following questions. You may circle the answers on the sheet.

1. Completing the Technical Review is one of the requirements of the Indemnification Program:

- A. True B. False

2. The Acknowledgment received after a technician has successfully completed the Technical Review is valid for:

- A. one year B. two seasons  
C. three seasons

3. What boot sole (s) are acceptable for use with SPX GW bindings:

- A. ISO 5355 Adult sole  
B. All ISO 9523 soles  
C. GRIPWALK® (ISO 23223) soles  
D. A & C

4. Which boot sole(s) are compatible with an NX 7 GW binding with an adult GRIPWALK® AFD?

- A. ISO 23223 C GRIPWALK® Jr. only  
B. ISO 5355 C only  
C. ISO 23223 A GRIPWALK® and ISO 5355 A  
D. All of the above

5. If during the visual inspection, the boot is questionable, you should:

- A. Lubricate and dispatch  
B. Perform a clean verses lubricated test  
C. Mount, adjust and dispatch  
D. Replace the boot

6. When inspecting a brake on a mounted ski, be sure that:

- A. The brake completely extends  
B. Extends at least 30 mm below the base of the ski  
C. Works freely and easily  
D. All of the above

7. When installing the binding and your screwshooter is not set to 4 Nm of torque, you should:

- A. Use less pressure on the screwshooter  
B. Pull the trigger intermittently

8. After mounting the binding, observe the binding from the side and check:

- A. That the binding sits flush on the ski  
B. The correct drill dimension

9. The forward pressure of the Axial<sup>3</sup> and SPX binding is correct when:

- A. The yellow indicator fills half of the window.  
B. The yellow indicator fills the entire window.  
C. The yellow indicator does not fill the window at all.

10. Which boot soles are compatible with the Team 4 GW binding with the Gripwalk Junior AFD?

- A. GripWalk Junior (ISO 23223 C)  
B. Children's ISO 5355 C Only  
C. Gripwalk Adult and Adult ISO 5355 A  
D. All of the above

11. The Release Preference decision must be made by?

- A. The technician  
B. The skier's agent  
C. The skier

12. Skier weight is 150 lbs., height 4'9", Release Preference I, age 26, boot sole length 280 mm.. The indicator value is:

- A. 2.75 B. 3 C. 3.5

13. Skier weight 38 lbs., height 3'0", Release Preference I, age 3, boot sole length 200 mm. The indicator value is:

- A. 1 B. .75

14. Skier weight is 172 lbs., height 5'7", Release Preference II, age 58, boot sole length 315 mm. The indicator value is:

- A. 4 B. 5 C. 6

15. Skier weight 45 lbs., height 4'0", Release Preference III, age 9, boot sole length 260 mm.

The indicator value is:

- A. 2 B. 1.5 C. 1.25

(note: skiers < 48 lbs, max increase 1 row)

16. Skier weight 70 lbs., height 4'8", Release Preference III, age 9, boot sole length 282 mm.

The indicator value is:

- A. 3 B. 2.75 C. 2.25

17. Skier weight 135 lbs., height 6'0", Release Preference III, age 18, boot sole length 351 mm.

The indicator value is:

- A. 6.5 B. 5 C. 8

18. For use when testing; If the sole length is 323 mm. and the indicator value is 4., what is the Inspection Range in twist ?

- A. 39-47 Nm  
B. 31-58 Nm  
C. 37-50 Nm

19. For use when testing. If the sole length is 330 mm. and the Indicator value is 6., what is the Reference Torque in forward bending ?

- A. 165 Nm  
B. 229 Nm  
C. 194 Nm

20. For use when testing; If the sole length is 230 mm., and the indicator value is 2, what is the In Use Range in forward bending ?

- A. 40-87 Nm  
B. 42-62 Nm  
C. 29-75 Nm

21. Clean vs lubricated test

- A. Is a diagnostic test  
B. Determines the boot/binding compatibility  
C. Shows the effects of contamination of the boot sole  
D. All of the above

22. A complete test of a ski/binding/boot system is necessary:

- A. Only on used equipment  
B. Any time an adjustment is made to the system that may change the performance of the system

23. When a customer or agent picks up ski equipment, be sure to:

- A. Give the in-box instructions  
B. Give a copy of the completed and signed work ticket  
C. Demonstrate how the binding works and discuss warnings  
D. All of the above

You are encouraged to complete this review online at <http://techtraining.mountaincenter.com>.

If that is not possible, mail completed Technical Reviews to:

The technicians name will be registered in the Group Rossignol database or you will receive a request to resubmit another technical review.

The Mountain Center -OR-  
PO Box 981060  
1413 Center Drive  
Park City, UT 84098  
Fax: 435-252-3301

Groupe Rossignol Canada  
60 rue de la Rive Droite  
Bromont Qc, J2L 0A3  
Fax: 514-933-3313

# GROUP ROSSIGNOL 2022/23 RENTAL TECHNICAL REVIEW



Ask your manager for the SHOP ID and PASSWORD, and complete your review online. <http://techtraining.mountaincenter.com>

Tech Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

\_\_\_\_\_

Please print complete address

Shop Account Number \_\_\_\_\_

Shop Name \_\_\_\_\_

Shop Address \_\_\_\_\_

\_\_\_\_\_

Shop City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Date test taken \_\_\_\_\_

Retake:(circle) Yes No

Note: This is not a measure of your proficiency. It is meant to have you actively review the information that is in the Tech manual and/or was just communicated to you. A score of 100 % is easy to achieve. To pass, 17 of 20 questions must be answered correctly. Question 8 through 18 must be correctly answered.

➤ This Rossignol Group Rental Review is intended for Rental technicians who determine indicator settings or dispatch rental equipment only.

Acknowledgement of a satisfactory completion will be sent to the shop.

➤ It is unnecessary to complete the RENTAL Technical Review if you completed the Retail Technical review.

Choose one correct answer to the following question. You may circle the answers on the sheet.

1. Which boot sole is compatible with the Kid 4 GW Rent System?

- A. Adult ISO 5355 only
- B. Childrens ISO 5355 only
- C. Adult and childrens 5355 and GW soles

2. Which boot soles are compatible with an NX 12 Konec GW Rent System?

- A. ISO 5355 A (Adult) and ISO 23223 A (Adult) soles
- B. Children's ISO 5355 sole only
- C. Adult and Children's ISO 5355 sole

3. A low grade thermoplast (TP) boot can be identified by:

- A. A "milky" appearance
- B. The ability to permanently indent the material with your fingernail
- C. Failure of a clean versus lubricated test
- D. All of the above

4. If the boot fails the visual inspections, you should:

- A. Lubricate and dispatch
- B. Don't use the boot

5. When adjusting the forward pressure on a Look NX 12 GW Konec binding:

- A. The indicator is near the middle of the window
- B. The indicator should not extend outside of the horseshoe shaped housing

6. The Release Preference decision should be made by?

- A. The technician
- B. The skier's agent
- C. The skier

7. Only use a Rossignol Group Binding Adjustment Chart dated July 2022.

- A. True
- B. False

8. Skier weight 146 lbs., height 5' 11", Release Preference II, age 22, boot sole length 352 mm. The indicator value is:

- A. 3
- B. 4
- C. 5

9. Skier weight 136 lbs., height 4' 9", Release Preference I, age 18, boot sole length 295 mm. The indicator value is:

- A. 2.5
- B. 3
- C. 3.5

10. Skier weight 150 lbs., height 6' 0", Release Preference II, age 52, boot sole length 320 mm. The indicator value is:

- A. 5
- B. 6
- C. 7

11. Skier weight 110 lbs., height 5' 2", Release Preference II, age 40, boot sole length 268 mm. The indicator value is:

- A. 5.5
- B. 6
- C. 6.5

12. Skier weight 32 lbs., height 3' 6", Release Preference I, age 3, boot sole length 230 mm. The indicator value is:

- A. 1
- B. 1.5
- C. .75

13. Skier weight 170 lbs., height 6' 0", Release Preference II, age 50, boot sole length 285 mm. The indicator value is:

- A. 5
- B. 6
- C. 7

14. Skier weight 45 lbs., height 4' 0", Release Preference III, age 9, boot sole length 265 mm. The indicator value is:

- A. 1.25
- B. 1.5
- C. 2

(note: skiers ≤ 48 lbs, max increase 1 row)

15. Skier weight 175 lbs., height 5'9", Release Preference II, age 28, boot sole length 285 mm. The indicator value is:

- A. 6
- B. 6.5
- C. 7

16. Skier weight 180 lbs., height 6' 5", Release Preference III, age 54, boot sole length 320 mm. The indicator value is:

- A. 7
- B. 8
- C. 8.5

17. Skier weight 58 lbs., height 3' 8", Release Preference III, age 9, boot sole length 265 mm. The indicator value is:

- A. 2.5
- B. 3
- C. 3.5

18. Skier weight 150 lbs., height 5' 4", Release Preference II, age 58, boot sole length 300 mm. The indicator value is:

- A. 5
- B. 4.5
- C. 4

19. The discretionary settings section of the manual deals with:

- A. Skiers with special concerns with normal settings.
- B. Skiers who request higher settings.
- C. A and B

20. When the customer is given the ski equipment, be sure to:

- A. Show the indicator value on the form and binding.
- B. Demonstrate how the binding works and discuss warnings
- C. Give a copy of the completed and signed rental ticket
- D. A , B, and C

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If that is not possible, mail completed Technical Reviews to:

The Mountain Center -OR-  
PO Box 981060  
1413 Center Drive  
Park City, UT 84098  
Fax: 435-252-3301

Groupe Rossignol Canada  
60 rue de la Rive Droite  
Bromont Qc, J2L 0A3  
Fax: 514-933-3313

The technicians name will be registered in the Group Rossignol database or you will receive a request to resubmit another technical review.

# QUICK REFERENCE - PARTS LIST

To order, call:  
 435-252-3300 (US)  
 514-933-9971 (Canada)

## BRAKES

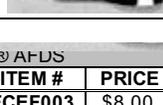
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
Axial 3 WC (all)	PX WORLD CUP	FC9F014	WC 80 mm	1 PR	\$35.00
Axial 2 WC (all)	SPX ROCKERFLEX	FC9F016	WC 120 mm	1 PR	\$35.00
FREESKI 2 120/140/150/180 TI	SPX ROCKERACE	<b>3 PIECE WC BRAKE</b>			
<i>IDENTIFY: Worm-drive screw forward pressure adjust, Brake screws into heeltrack</i>					
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
AXIAL 3 (ALL-TPX INCLD'D)	NX 12 / NX 11	FC9F011	80 mm	1 PR	\$35.00
AXIAL 2 (ALL-TPI2 INCLD'D)	NX 12 FLUID	FC9F013	90 mm	1 PR	\$35.00
AXIUM 120 / 110 (TPI2 INCLD'D)	PX FLUID (ALL)	FC9F010	100 mm	1 PR	\$35.00
FREESKI 110	PX JIB (ALL)	FC9F012	120 mm	1 PR	\$35.00
FREESKI 2 100/120 CMPST	SPX & PX ( <i>NON RACING</i> )	<b>3 PIECE BRAKES</b>			
SAPHIR 110 (TPI2 INCLD'D)	PX TEAM				
SCRATCH 140/120/110	AXIUM SS				
<i>IDENTIFY: Flat-tab forward pressure adjust, Brake screws into heeltrack</i>					
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
AXIUM/SAPHIR 100/95	EXCLUSIVE (ALL)	FCDF002	93 mm	1 PR	\$35.00
AXIUM JR / NX JR 7	NOVA (ALL)	FC5F006	83 mm	1 PR	\$25.00
FREESKI 70/100	NX 10	FC4F017	73 mm	1 PR	\$25.00
SAS 100 / FREERIDE 100	(XTI, w/ STAR - SCREW)	FC9F008	SHUTTLE	1 PR	\$4.00
SAS JR	SPX 10	<b>2 PIECE BRAKES</b>			
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
AXIUM 110/100 TPI2	EXCLUSIVE FLUID (ALL)	FC7F028	83 mm	1 PR	\$25.00
SAPHIR 90 TPI2	NX11/10 FLUID	FC9F009	SHUTTLE	1 PR	\$3.00
<b>2 PIECE BRAKES TPI2/FLUID</b>					
<i>IDENTIFY: Removable shuttle (brake interface), No metal plate under shuttle</i>					
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
COMP J/ SAPHIR J	TEAM 4 (2 SCREWS)	FC8F002	73 mm	1 PR	\$20.00
COMP KID/BABY/PRINCESS	TEAM 2				
<i>IDENTIFY: Comp / Team (less than 4.5 DIN)</i>					
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
XPRESS / XELIUM WIHOUT SHUTTLE		FC0F022	73 mm	1 PR	\$4.50
XPRESS / XELIUM WIHOUT SHUTTLE		FC0F023	83 mm	1 PR	\$4.50
XPRESS / XELIUM WIHOUT SHUTTLE		FCDF003	93 mm	1 PR	\$9.50
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
KID XELIUM / KID ZIP	XPRESS (ZIP)	FC0F025	Jr. Xel Brk	1 PR	\$6.00
<i>IDENTIFY: 1 screw secures brake</i>					
ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
FKS 185/180/155/140/120	PIVOT 18/14/12	FC6F049	75 mm	1 PR	\$50.00
		FC9F001	95 mm	1 PR	\$50.00
	P18, P15	FC9F002	115 mm	1 PR	\$50.00
		FC0F004	130 mm	1 PR	\$50.00
<i>IDENTIFY: FULL TUNTABLE BRAKE AND BASE ASSEMBLY, MOUNTS DIRECTLY TO SKI</i>					
LOOK/DYNASTAR		ITEM #	DESCRIPTION	QTY	PRICE
HM BRAKE + BASE		FCEF111	90 mm	EA	\$90.00
		FCEF112	105 mm	EA	\$90.00
		FCEF113	120 mm	EA	\$90.00
SUPER LITE 12/13 BRAKES		FCHF110	75 mm	PR	\$45.00
		FCHF111	95 mm	PR	\$45.00
		FCHF112	105 mm	PR	\$45.00

## AFD'S

SCREWS NOT INCLUDED

TEFLON AFD'S			
DESCRIPTION	ITEM #	PRICE	QTY
<b>AXIUM 2 SCREW</b>	FC4F011	\$5.50	PR
(SPEEDSET W/ ADJ IN FRONT OF TOE)			
<b>AXIUM 4 SCREW</b>	FC7F007	\$6.50	PR
SPEEDSET W/ ADJ BEHIND AFD BIGGER HOLES FOR SPEED SET			
<b>AXIUM 4 SCREW (SMALL HOLES)</b>	FC7F006	\$5.00	PR
FLAT MOUNT AXIUM TPI2 FLUID			
<b>18 - DIN PIVOT 15 DIN ALPINE</b>	FC9F006	\$7.50	PR
**ALPINE STANDARD** FKS 18 PIVOT 18 / 15 MODIFY FOR OLD 18- TOES OLD RACE 115 WC155			
<b>FREE WIDE</b>	FC9F007	\$8.00	PR
"FROWNING" 6.7CM TEFLON STRIP FREESKI 120 OLD FKS 12/14 NON DUAL WTR OLD PIVOT 12/14 NON DUAL WTR AXIAL 2			
<b>MAXFLEX 15 &amp; 18 DIN</b>	FC8F014	\$8.00	PR
TOE AND HEEL HOUSING CONNECTED BY METAL ROCKERFLEX STRIP			
<b>MAX FLEX 12 - DIN</b>	FCCF006	\$12.00	PR
TOE AND HEEL HOUSING CONNECTED BY METAL ROCKERFLEX STRIP			
<b>FULL ACTION RFX AFD</b>	FCHF005	\$8.50	PR
			
<b>XELIUM / XPRESS KIT</b>	FCCF001	\$3.50	KIT
			

JR AFD'S			
DESCRIPTION	ITEM #	PRICE	QTY
<b>XELIUM KID / XPRESS KID</b>	FC0F026	\$2.50	PR
19/20 - OR OLDER KID X			
<b>COMP J (TEFLON) FDC JR</b>	FC6F068	\$2.50	PR
COMP J COMP KID SAPHIR 45 TEAM 4			
<b>JR ADAPTER KIT</b>	FC6F002	\$10.00	PR
INCLUDES 2 SHUTTLES 2 AFD'S AFD'S SAY "JUNIOR" NO SCREWS			

MECHANICAL (SLIDING) AFD'S			
DESCRIPTION	ITEM #	PRICE	QTY
<b>4 SCREW (TRIANGULAR END)</b>	FC6F066	\$7.50	PR
WTP12 TPX TPI2 FLUID			
<b>INTEGRAL XPI</b>	FC4F014	\$7.00	PR
(TRIANGULAR END) HOLE IS BETWEEN REAR SCREWS NOT THE TAB			
<b>4 SCREW (FLAT END)</b>	FC7F005	\$5.50	PR
BIG HOLES FOR SPEEDSET FLAT MOUNT TPI2 FLUID			

WTR / GRIPWALK® AFD'S			
DESCRIPTION	ITEM #	PRICE	QTY
<b>DUAL SLIDING AFD</b>	FCEF003	\$8.00	PR
AXIAL 3 DUAL FKS DUAL SPX DUAL PIVOT DUAL			
<b>KONNECT SLIDING AFD</b>	FCFF008	\$6.50	PR
DUAL WTR KONECT SPX 12 AW KONECT NX 12 AW KONECT			
<b>GRIPWALK®</b>	FCHF004	\$7.50	PR
19/20 - OR NEWER  SPX 12 GW PIVOT 12/14 GW NX 12 GW			
<b>KONECT (GRIPWALK®)</b>	FCIF011	\$5.00	PR
NX KONECT GW SPX KONECT GW			
<b>PIVOT 18 &amp; 15 GRIPWALK®</b>	FCIF010	\$9.50	PR
IF CONVERTING OLD 5355 ALPINE STANDARD AFD TO A GW AFD LONGER SCREWS WILL BE REQUIRED W/S TC 10X18			

DESCRIPTION	ITEM #	PRICE	QTY
<b>FDC TOE GW AFD</b>	FCJF002	\$5.00	PR
20/21 - OR NEWER NX 11 GW NX 10 GW NX 7 GW SPX 10 GW			
<b>TEAM 4 GW AFD</b>	FCJF003	\$2.50	PR
20/21 - OR NEWER TEAM 4			
<b>KID 4 GW AFD</b>	FCJF004	\$1.50	PR
20/21 - OR NEWER KID X			
<b>CHILDREN BOOT ADAPTER KIT</b>	FCJF001	\$10.00	PR
20/21 - OR NEWER JR CONVERSION KIT FOR FCJF002			

# WARRANTY FAQs

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## TO SUBMIT A WARRANTY CLAIM, EMAIL [uswarranty@rossignol.com](mailto:uswarranty@rossignol.com) THE FOLLOWING

- A completed dealer warranty form (see page 83)
- Photo showing the entire product (if product comes in pairs photo must show the entire pair)
- Photo of the issue
- Proof of purchase from an authorized dealer
- Once submitted you will be assigned a case number which will also be used as an RA number if it is determined that the product needs to be sent back to Rossignol.

## DO I NEED TO RETURN THE PRODUCT THROUGH AN AUTHORIZED DEALER?

- We strongly urge you to work through the dealer that you purchased the product from or another authorized dealer. Many times they are able to help correct the problem without the expense of returning it to us. In the case of difficulty doing this we do accept shipments direct from consumers.

## WHAT DO I NEED TO INCLUDE WITH MY RETURN?

All warranty claims should be submitted to [uswarranty@rossignol.com](mailto:uswarranty@rossignol.com) prior to shipping product back to Rossignol. Please be sure to include the following inside the packaging of the returned product.

- Name
- Case # assigned to you by warranty team
- Physical Return Address (not a PO Box)
- Phone number
- Email address if available
- Brief explanation of the problem
- Proof of purchase
  
- *If returning boots please return both left and right boot.*
- *Alpine bindings should have both toes and both heels returned*
- *Skis and binding sold as systems should have both skis and binding returned.*
- *Skis that are not system skis should have the bindings removed before returning them.*

## I DON'T HAVE MY PROOF OF PURCHASE CAN I STILL RETURN PRODUCT FOR CONSIDERATION?

- If you are unable to locate a proof of purchase you may still return the product for consideration. However there may be cost associated with repair or replacement of the product. If there are charges or the product is not found to be defective you will be notified before any more work is done.
- Product waiting for approval of charges or more information will be held for a maximum of 60 days before the product is returned or destroyed at our option. Notification is by US Postal Service.

## HOW LONG DOES IT TAKE?

- We make every effort to inspect and determine a course of action within 24 hours of the day the product is received.
- Product replaced normally ships within 48 hours provided inventory is available.
- Product being repaired normally ships within 14 working days of receipt.
- Normal transit times are approximately 8 days from the east coast and 3 days from the west coast. Express shipping can reduce the transit time but the cost will be the responsibility of the person returning the product to us.

## WHO PAYS THE SHIPPING CHARGES?

- The person returning product for consideration is responsible for the freight coming to us. We will not accept collect shipments or issue call tags.
- If the product is deemed a warranty issue we will pay the freight to return the product to you by normal ground transportation.

## WHERE DO I SEND IT?

- All products being returned for service or warranty consideration should be returned to the following address:  
The Rossignol Group Distribution Center  
ATTN WARRANTY (Case #)  
267 N Depot Dr.  
Ogden, UT 84404
  
- **DO NOT return it to our corporate address in Park City. It will just delay the processing of your claim.**

## HOW DO I SEND IT?

- We suggest using either Federal Express Ground or UPS as they can provide you with a tracking number. US Postal Service does not provide daily delivery to this location and pickups from the post office can be sporadic creating some additional delay with processing.
- Packaging need not be excessive. Appropriate sized cardboard boxes or skis / snowboards wrapped in cardboard are generally sufficient. The use of packing peanuts is strongly discouraged.
- Careful thought to packaging may prevent oversize charges on some items.

**ROSSIGNOL GROUP WARRANTY FORM**



**ROSSIGNOL GROUP DEALER WARRANTY CLAIM FORM**



<b>Dealer Information</b>
Shop Name:
Dealer Account #:
Shop Phone #:
Shop Address:
Contact Name:
Contact Email Address:

<b>Customer Information</b>
First Name:
Last Name:

<b>Product Information</b>
Product Category: --Select One--
Brand: --Select One--
Model:
Size:
Model Year:
Claim Description:

<b>Product Photos – Email photos to <a href="mailto:uswarranty@rossignol.com">uswarranty@rossignol.com</a> and note the following</b>
<ul style="list-style-type: none"> <li>• Photos must clearly show the entire product for product verification.</li> <li>• Photos must clearly show the damaged area.</li> </ul>

Date of Purchase:
Original Owner?            YES <input type="radio"/> NO <input type="radio"/>

<b>Proof of Purchase – Email <a href="mailto:uswarranty@rossignol.com">uswarranty@rossignol.com</a> a copy of the customers proof of purchase and note that it is required for warranty eligibility.</b>
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<b>FOR ROSSIGNOL AFTER SALES SERVICE TEAM TO FILL OUT</b>		
Model #	Size:	Defect Code:
Replacement model #	Size:	
Order #	Index #	Return #



GROUP ROSSIGNOL WARRANTY: 267 N Depot Drive – Ogden, UT 84098 – T. 435-252-3300



# QUICK REFERENCE / NOTES

SHOP ID \_\_\_\_\_

PASSWORD \_\_\_\_\_

**LOOK BINDINGS CONTACT:**

Sales Rep(s) \_\_\_\_\_  
\_\_\_\_\_

Customer Service Rep \_\_\_\_\_

**USA**

Customer Service 435-252-3300  
Service Center / Warranty 435-252-3300 / uswarranty@rossignol.com

**CANADA**

Customer Service 514-933-9971  
Service Center / Warranty 514-933-9971 -- ext. 5267

**ALL PRODUCTS BEING RETURNED FOR SERVICE OR WARRANTY CONSIDERATION SHOULD BE RETURNED TO THE FOLLOWING ADDRESSES:**

USA:

**THE ROSSIGNOL GROUP DISTRIBUTION CENTER  
ATTN WARRANTY  
267 N DEPOT DR.  
OGDEN, UT 84404**

CANADA:

**GROUPE ROSSIGNOL CANADA INC.  
ATTN: WARRANTY AND REPAIR  
800 GEORGES-CROS  
GRANBY, QUEBEC, CANADA J2J 1N2**

**UNITED STATES**

OFFICE:  
The Mountain Center  
1413 Center Drive, PO Box 981060  
Park City, UT 84098  
Phone 435 252.3300 • Fax 435 252.3301  
uswarranty@rossignol.com

SERVICE/WARRANTY:  
267 North Depot Drive  
Ogden, UT 84404

**CANADA**

OFFICE:  
60 rue de la Rive Droite  
Bromont QC, J2L 0A3  
Phone 514 933.9971 • Fax 514 933.3313

SERVICE/WARRANTY:  
800 Georges-Cros  
Granby, Quebec, Canada J2J 1N2