<USA>

TECHNICAL MANUAL 24/25



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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:

- Lists of all current indemnified binding models
- Instructions for: mounting, adjusting, inspection, testing, and dispatch of all retail, rental, and demo 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-ofuse tailored to each specific type of ski and skier.

TECHNICAL TRAINING

Completing the Technical Review is one of the requirements of The Rossignol Group Alpine Ski Bindings 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 80 and 81 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 Bindings Indemnification Agreement (see page 6) 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 Alpine Ski Bindings 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. Successfully complete the Technical Review online at: http://techtraining.rossignol.com

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

<u>U.S.</u>

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

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

Once Technical Reviews have been submitted to the appropriate U.S. 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.

NOTEWORTHY FOR 2024/2025

WARRANTY POLICY: LIMITED WARRANTY (see also page 77)

Subject to exceptions expressly stated herein, all products (collectively the "**Product**" or "**Products**") sold on https://www. rossignol.com/us or sold in the USA by a store owned by GROUP ROSSIGNOL USA, Inc. or one of its affiliates (collectively "**ROSSIGNOL**", "we", "us", or "our") or an authorized reseller in the USA are covered by this limited warranty (the "**LIMITED WARRANTY**"). This LIMITED WARRANTY is extended only to the original purchaser of a Product for a period of two years from the date of delivery, upon presentation of a valid proof of purchase and delivery. Any implied warranty that accompanies this LIMITED WARRANTY is restricted in duration to the length of the LIMITED WARRANTY.

The LIMITED WARRANTY applies only to the original purchaser and is not transferable. The LIMITED WARRANTY does not apply to Products purchased pursuant to a commercial agreement, business to business agreement, or similar agreement. Products purchased second-hand, used or received as gifts are not covered by this LIMITED WARRANTY.

The term "Product" or "Products" as used herein does not include complete bicycles, frames, forks or other bicycle components bearing the ROSSIGNOL brand. Bicycles sold by ROSSIGNOL or an authorized reseller are covered solely by the Rossignol Bicycle Limited Warranty.

To the fullest extent permitted by law, ROSSIGNOL disclaims all warranties not set forth in this LIMITED WARRANTY.

This LIMITED WARRANTY covers defects in workmanship or materials. This LIMITED WARRANTY does not cover any problem or damage resulting from:

- Impact, uncontrolled impact and/or crash;
- Misuse, abuse, neglect, negligence, unauthorized modification of the product;
- Theft or loss;
- Natural disaster;
- Normal wear and tear, impact damage caused by rocks, stumps, boxes, rails, or any other foreign object; scratches, chips, and indentations in top sheets caused by ski-to-ski contact;
- Improper mounting or adjustment of the bindings, including bindings pulling out of the ski;
- Chairlift breakage; and/or
- Use of solvents and adhesives.

All coverage under this LIMITED WARRANTY is void if any modification, change, or alteration has been made to the Product that was not specifically authorized in writing by ROSSIGNOL.

Warranty claims must be submitted through an authorized dealer or through the ROSSIGNOL website. The original purchase receipt or invoice from ROSSIGNOL or an authorized reseller must accompany all warranty claims. The receipt or invoice must clearly identify the seller and the date of delivery. The warranty claim must also include: a description of the Product; clear photographs that show the entire Product for product verification; clear photographs of the damaged area of the Product; physical shipping address (no

P.O. boxes); phone number; and an explanation of what happened. If ROSSIGNOL's warranty team determines that the damaged Product needs to be inspected for further evaluation, you are responsible for shipping costs to ROSSIGNOL.

Coverage by the LIMITED WARRANTY may be refused in the event that one or more of the causes of exclusion of the warranty, as presented above, is applicable, and/or in the absence of a valid proof of purchase and delivery.

Return only the damaged Product that needs to be inspected. A Return Goods Authorization (RGA) / Return to Manufacturer Authorization (RMA) is not required. ROSSIGNOL reserves the right to determine, in its sole discretion, whether the claimed Product damage is covered by this LIMITED WARRANTY. If the claim is deemed valid, ROSSIGNOL will repair or replace the damaged Product. The new or repaired Product will be returned to you freight prepaid. **Repaired or replaced Products are only covered for the remainder of the original LIMITED WARRANTY**.

FOR ANY VALID WARRANTY CLAIM, ROSSIGNOL'S LIABILITY IS LIMITED ONLY TO REPAIR OR REPLACEMENT OF THE PRODUCT. ROSSIGNOL IS NOT LIABLE FOR DIRECT, INDIRECT, PUNITIVE, OR CONSEQUENTIAL DAMAGES. If the claim is deemed invalid after you send the Product to us, we will contact you within a reasonable timeframe with a repair estimate if repair is possible.

PLEASE NOTE: KONECT BINDING ADJUSTMENT (see also page 32)

To properly position the binding on the plate, select the closest values on the toe and heel plate that are less than, or equal to, the boot sole length value.

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

INDEMNIFICATION UPDATES

(see page 7-9 for the full indemnification list)

AS OF SEPTEMBER 30, 2026 ALL ROSSIGNOL BRANDED BINDING MODELS WILL NO LONGER BE INDEMNIFIED.

Rossignol Group Alpine Ski Bindings Indemnification Agreements are available to all Look and Rossignol alpine ski binding dealers. Please note:

- New Rossignol Group Alpine Ski Bindings Indemnification Agreements are required each year
- Rossignol Group Alpine Ski Bindings Indemnification Agreements are accessed at: http://indemn.rossignol.com
- Use the shop-specific ID emailed to each Look and Rossignol alpine ski binding dealer

Subject to the terms of the Rossignol Group Alpine Ski Bindings 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 indemnified Look and Rossignol bindings. This is providing the shop follows all of the terms and conditions of the Rossignol Group Alpine Ski Bindings Indemnification Agreement, and the procedures described within this Look Alpine Bindings Technical Manual.

The Rossignol Group Alpine Ski Bindings 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 Bindings 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. are eligible 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 3rd party modifications made to Look bindings voids the bindings warranty and the bindings 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 approved indicator windows (see pages 66 68)) must be sent back to the Rossignol Service Center for a "factory" repair

AS OF SEPTEMBER 30, 2026 ALL ROSSIGNOL BRANDED BINDING MODELS WILL NO LONGER BE INDEMNIFIED.

INDEMNIFIED BINDINGS -CURRENT

LOOK

CURRENT RETAIL BINDING LIST

Pivot 2.0 18 GW
Pivot 2.0 15 GW
Pivot 15 GW
Pivot 14 GW
Pivot 12 GW
SPX 13 GW
SPX 11 GW
NX 12 GW
NX 11 GW
NX 10 GW
NX 7 GW
Team 4 GW

CURRENT RACE BINDING LIST

PX 18 WC Rockerace SPX 15 Rockerace SPX 14 Rockerace SPX 12 Rockerace SPX 12 GW SPX 11 GW NX 10 GW NX 7 GW

CURRENT SYSTEM BINDING LIST

SPX 14 Konect GW SPX 12 Konect GW NX 12 Konect GW Xpress 11 GW Xpress W 11 GW Xpress 10 GW Xpress W 10 GW Xpress 7 GW Kid 4 GW

CURRENT RENTAL BINDING LIST

SPX 12 Metrix GW SPX 12 Race Metrix GW SPX 12 Konect GW RTS NX 12 Konect GW RTS Xpress 10 GW RTS Xpress 7 GW RTS Kid 4 GW Rent Sys NX 9 GW RTL NX 7 GW RTL

INDEMNIFIED BINDINGS - NON-CURRENT (older models that are still indemnified)

LOOK

LOOK

NON-CURRENT **RETAIL BINDING LIST** Pivot 18 Pivot 18 GW Pivot 14 Pivot 14 DUAL Pivot 14 AW Pivot 12 Pivot 12 DUAL Pivot 12 AW Pivot PRO GW SPX 14 GW SPX 12 SPX 12 DUAL SPX 12 PRO SPX 12 GW **SPX 10 SPX 10 GW** SPX Team 10 NX 12 NX 12 DUAL NX 11 NX 10 **NX JR 10** NX Team 10 NX 7 NX Jr 7 Team 4 Team 4 RL Team 2 Team 2 RL NX Jr 7 Nova 7 Nova Team 7 Team 4 Team 4 RL Team 2 Team 2 RL

NON-CURRENT RACE BINDING LIST PX 18 WC Rockerflex SPX 15 Rockerflex SPX 14 Rockerflex

SPX 14 Rockeniex SPX 14 Rockerace SPX 14 Racing SPX 12 Rockerflex SPX 12 Maxflex SPX 12 Racing SPX 10 GW

NON-CURRENT SYSTEM BINDING LIST

SPX 12 Konect DUAL SPX 12 Fluid NX 12 Konect DUAL NX 12 Fluid NX 11 Fluid NX 11 W Fluid Xpress 11 Xpress W 11 Xpress 10 Xpress Jr 7 Xpress Team Kid-X Kid-X 4

INDEMNIFIED BINDINGS - NON-CURRENT (older models that are still indemnified)

LOOK

NON-CURRENT RENTAL BINDING LIST

SPX 12 Konect DUAL RTS NX 12 Konect DUAL RTS Xpress 10 RTS Xpress 7 RTS NX 9 RTL NX 9 IRS NX 7 RTL Kid-X 4 RTS Kid 4 Rent Sys

ROSSIGNOL

NON-CURRENT BINDING L	IST
FKS 180	
FKS 140 DUAL	
FKS 140	
FKS 120 DUAL	
FKS 120	
Axial3 150 MFX	
Axial3 150 Rockerflex	
Axial3 140 Race	
Axial3 140 Rockerace	
Axial3 120 MFX	
Axial3 120 Race	
Axial3 120 Rockerflex	
Axial3 Race Jr.	
Axial3 120 Dual	
Axial3 140	
Axial3 120	
Axial3 100	
Xelium 110	
Xelium 100	
Xelium 70	
Xelium Jr. 70	
Xelium Kid 45	
Xelium Saphir 110	
Xelium Saphir 100	
Xelium Saphir 70	
Xelium Kid Saphir 45	
Axium 120	
Axium 110	
Axium 100	
Axium Jr. 70	
Axium Jr. Pro 70	
Axium Scratch	
Axium 300	
Kid X 45	
Fun Girl Jr.	
Comp J 45	
Comp J Pro 45	
Comp Kid Princess 25	
Axium 100 IRS	
Axium 100 RTL	
Axium Jr 70 RTL	
Comp J RTL	
Kid X 45 Rent	

MODELS NO LONGER INDEMNIFIED IN 2024/25

DYNASTAR

ROSSIGNOL

NO LONGER INDEMNIFIED

NO LONGER INDEMNIFIED All DYNASTAR branded models

LOOK

NO LONGER INDEMNIFIED
N11
N9
N7
Τ4
Τ2
TEAM 8
TEAM P10
PX 12
PX 10
PX Team 10
NX Exclusive
Nova 11
Nova 10
Nova Team 10
Nova 9
Nova Team 10
Nova 9
PX 18 Maxflex
PX 15 Maxflex
PX 12 Maxflex
PX 14 Racing
PX 12 Racing
PX Racing
PX 12 Fluid
Nova Exclusive Fluid
NX Exclusive Fluid
Xpress Exclusive 11
Xpress Exclusive 10
Xpress Kid
C-Cube
Nova 9 RTL
Nova 7 RTL

FKS 15 Axial3 150 Saphir Pucci Saphir 95 Axium 95 Axium 90 Axium 200 Axium Jr. Scratch Jr. Sas Jr. Axium 308 Axial2 200 MFX Axial2 180 MFX Axial2 180 Rockerflex Axial2 150 MFX Axial2 140 WC Axial2 120 MFX Axial2 120 WC Axial2 100 Race Axial2 Race Jr. Axial2 140 Axial2 120 Axial2 110 Axial2 100 Zip/Axium 100 Zip W/Saphir 100 Zip W/Saphir 90 Zip W/Saphir 70 Zip W/Saphir 45 Zip Kid Saphir 300 Saphir 120 Saphir 110 Saphir 100 Saphir 90 Saphir 70 Saphir 45 Saphir Jr. 70 Saphir Jr. 45

MOMENT

NO LONGER INDEMNIFIED

FREESKI 120 FREESKI 100 BONKERS 140 BONKERS 120 BONKERS 100 The technician is responsible for visual inspection of both boots and bindings, and confirmation of their compatibility, before binding assembly, installation, or adjustment.

VISUAL INSPECTION: BOOTS

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Your Alpine ski/binding/boot system may not operate correctly with boots that do not comply with the appropriate international standard ISO 5355, ISO 23223 (Gripwalk[®]), or are not 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)
- 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
- 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 inspections you should perform a "Clean vs. Lubricated Test" (see page 65).

Boots marked with ISO 23223 and/or GRIPWALK[®] are compatible with bindings marked GRIPWALK[®] GW or AW (see page 12 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.







ISO 23223 GRIPWALK® CHILDREN



BOOT SOLE NORMS

IMPORTANT NOTE ON DIFFERENT BOOT SOLE TYPES

The Rossignol Group distributes ski boots with four different types of boot soles. Not all conform to ISO 5355 and as such are NOT compatible with bindings that only accept ISO 5355 boots:

- Boots featuring GRIPWALK[®] (ISO 23223) soles are compatible with "Dual" bindings in Alpine mode (Look and Rossignol bindings with the "Dual" designation) and AW or GW bindings
- R2016 Race boots DO NOT conform to ISO 5355 and should NOT be used for alpine skiing until the sole is modified to comply with this standard (except ZA+, ZJ+, Z Soft+ models)
- Boots featuring WTR (Walk-to-Ride) rockered soles are ONLY compatible with WTR bindings (Look and Rossignol bindings with the "Dual" designation)
 - Furthermore, WTR rockered soles with tech fittings are compatible with above WTR bindings and PIN bindings (Look HM, Dynafit (but not Beast model))

VISUAL INSPECTION: BINDINGS

It is essential that before mounting a ski binding technicians do a thorough visual inspection; particularly when mounting bindings that have been previously used.

Visually inspect BOTH BINDINGS and check for the following:

- 1. Indicator value range is correct for the skier.
- Bindings are compatible with the skier's boot (example: adult binding with adult sole, GW sole, WTR sole with WTR/Dual binding, touring binding with a PIN binding compatible sole see Touring Assembly and Adjustment beginning page 48).
- 3. Binding screw lengths are compatible with ski's thickness and comply with the marked requirement on the ski.
- 4. Binding brakes work correctly.
- 5. Binding toe-piece wings move freely.
- 6. Ensure bindings are clean wipe with dry or slightly damp rag.
- 7. Anti-friction devices (AFD's) are undamaged. Replace if necessary.
- 8. Move mechanical AFD's glider off center and allow to return, inspecting for contamination and lubrication.
- 9. Inspect the heel pieces and lubricate the heel track with binding grease.
- 10. Lubricate binding interfaces with a silicone binding lubricant after mechanical testing is complete.

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IMPORTANT:

Recent alpine ski bindings and 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 performance.

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

Please contact the Service Center for questions related to compatibility of bindings

		BOOTS				
		ISO	5355	WALK ISO 23223		
	MARKINGS	Children's Alpine Norm "C"	Adult Alpine Norm "A"	Gripwalk [®] Junior "C"	Gripwalk [®] Adult "A"	
	ISO 5355 A		x			
n	ISO 5355 C	x				
Ś	ISO 5355 CA	x	х			
	ISO 23223 A		x		x	
۵	ISO 23223 C	x				
	ISO 23223 CA GRIP	х	х	х	х	

LOOK BINDING COMPATIBILITY	ISO 5355		ISO 23223		WTR	ISO 9523
BINDING MODEL	CHILDREN'S ALPINE NORM "C"	ADULT ALPINE NORM "A"	GRIPWALK® JUNIOR "C"	GRIPWALK® ADULT "A"	WTR / WALK SOLE	TOURING SOLE
PX 18 Rockerace / Rockerflex		х				
SPX 15/14/12 Rockerace / Rockerflex		х				
Pivot 18		х			(with AFD adapter)	
Pivot 18 2.0 GW / Pivot 18 GW & AW		х		Х		
Pivot 15 2.0 GW / Pivot 15 GW		х		Х		
Pivot 14/12 DUAL		х			x	
Pivot 14/12 GW & AW		х		Х		
SPX 14 Konect GW		х		Х		
SPX 12 Konect DUAL & Rent Sys		х			х	
SPX 12 Konect GW / GW Rent Sys		х		Х		
SPX 12 Metrix GW		х		Х		
SPX 12		х				
SPX 12 DUAL & Rent Sys		х			х	
SPX 13 GW / SPX 12 GW & AW		х		Х		
SPX 10		х				
SPX 11 GW / SPX 10 GW		х		Х		
NX 12 Konect DUAL & Rent Sys		x			x	
NX 12 Konect GW / GW Rent Sys		x		Х		
NX 12		х				
NX 12 DUAL		x			х	
NX 12 GW & AW		х		Х		
NX 11/10 & NX 9 RTL		х				
NX 11/10 GW & NX 9 GW RTL		х		Х		
NX 7 & NX 7 RTL	(with AFD adapter)	х				
NX 7 GW & NX 7 GW RTL	(with AFD adapter)	х	(with AFD adapter)	Х		
Kid X/4 & Rent Sys	х	х				
Kid 4 GW & Rent Sys	Х	х	х	Х		
Team 4	х	х				
Team 4 GW	X	x	X	х		
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		х		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

TEMPLATES

ADULT MOUNTING TEMPLATE

Item #FCFF001Opens:56mm - 143mmBoot sole length:250mm - 390mm (mondo 21.5-35)Mounts:Look - SPX, Pivot, PX, NX, Nova, NX RTL
Rossignol - Axial3, FKS, Axial2, Axium

JUNIOR MOUNTING TEMPLATE

Item #FCFF002, FFC6F018 (Not Pictured)Opens:60mm - 130mm with rubber feet onBoot 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

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

- #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
- 2024/25 LOOK/Rossignol binding adjustment chart (page 71)











MOUNTING FLAT SKIS

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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 16 and 17 for reference of Dynastar and Rossignol skis).

USING MOUNTING TEMPLATES

To use mounting templates on traditional 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. <u>Extra precaution:</u> 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.
- With boot still positioned against both boot stops, remove boot. <u>Extra precaution:</u> use a QuickGrip clamp to secure template square on ski. This will prevent template from moving when drilling

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



PHOTO 2a

Old Adult Template - ITEM # FC0F001



PHOTO 2b

Adult Template - ITEM # FCFF001







BEFORE DRILLING: DOUBLE CHECK

With template adjusted and seated on ski correctly (see Using Mounting Templates, page 14):

- Check binding screw pattern against template holes. The binding model will determine which template holes to use <u>(see charts below)</u>
 - a. <u>Extra precaution:</u> 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.
 - a. <u>Extra precaution:</u> 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.

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).
 - a. 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.
- 2. 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
- 3. Drill the appropriate holes for the toepiece and heelpiece.
 - a. <u>Extra Precaution:</u> 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)
- 4. Turn ski over and tap with hand on ski base to remove debris.
- 5. If recommended by ski manufacturer, use # 12 AB tapping tool to tap holes (photo 4).
- 6. 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.
- 3. Position toepiece over drilled toe holes.
- 4. 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.
- 5. 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).

ADULT TEMPLATE - FCFF001	toe color	heel color
Pivot / FKS	silver	blue
SPX / Axial3, NX / Axium	silver	red
NX RTL / Axium RTL	silver	black

OLD 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
Flash IRS - Important note: template needs to be set at 300mm	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
RTL / Rental	red	orange









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

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DYNASTAR 24/25 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		

Madal	Sizo	Mount Position
Model	3/20	
M PRO 85 M PRO 85 W	149	035
	158	6//
	167	719
	176	761
	185	802
M PRO 94	146	WIP
M PRO 92 W M PRO 100	154	690
M PRO 98 W	162	727
	170	764
	178	801
	186	838
M PRO 108	182	776
	192	828
M FREE 90	137	634
	147	681
	157	728
	165	765
	177	822
M FREE 99	171	783
	179	818
	185	835
M FREE 108	162	739
	170	783
	178	818
	185	835
	192	870
M FREE 112	183	880
	190	918
MENACE 80	138	647
	148	698
	158	745
	168	791
	178	837
MENACE 90	130	607
	140	654
	150	701
	160	748
	170	795
	180	842

*Mounting measurement is to the "0" mid sole mounting line.

Recommended women's mounting is +1 cm which is the forward graphic line.

Touring Model	Size	Mount Position (mm from tail)
	150	638
	159	675
E CROSS 88	168	717
	176	754
	184	791
M CROSS 82 E CROSS 82	150	638
	159	675
	168	717
	176	754
	184	791

Touring Model	Size	<i>Mount Position</i> (mm from tail)
	157	669
	167	716
	177	769
	185	807
	162	727
	170	764
	178	801
	186	838
	170	714
M TOUR 108	179	752
	187	790
	156	666
M VERTICAL 88	164	705
	172	743
	180	782

ROSSIGNOL 24/25 FLAT SKI MID BOOT MOUNTING MARK MEASUREMENTS

Unisex Model	Size	"0" Mid Mark						
SENDER FREE	186	90.3cm	Mounting Adjustm	ents For S	pecific Use	** /		
118	176	85.6cm	Powder / Freeride	up to -2 cr	n	mounting measurer	nent is to ti	ne u mia sole
SENDER FREE	191	91.8cm	All-Mountain	0 cm		,		
110	184	88cm	Jib/Park	up to +5 c	m	Recommended worr	nen's mount araphic lin	ting is +1 cm
	176	84.6cm	Demo	0 cm			graphic int	6.
	168	80.8cm						
SENDER FREE	176	82.2cm	Unisex Model	Size	"0" Mid Mark			
PRO	166	76.5cm	ARCADE 88	186	89.7cm	Women's* Model	Size	"0" Mid Mark
	156	72.8cm		178	81.3cm	RALLYBIRD	172	79.5cm
	146	68.1cm		170	77.9cm	SOUL 102	164	75.7cm
	136	63.4cm		162	74cm		156	71.9cm
SENDER SOUL	188	87.1cm		154	70.1cm		150	69.1cm
102	180	83.3cm	ARCADE 84	184	83.6cm	RALLYBIRD	166	76.5cm
	172	79.5cm		176	81.4cm	SOUL 92	156	72.8cm
	164	75.7cm		168	76.3cm		146	68.1cm
SENDER SOUL	156	71.9cm		160	72.5cm	EXPERIENCE 86	175	81.2cm
92	184	84.9cm		152	68.8cm	BASALIW	166	77cm
	176	82.2cm					157	72.5cm
	166	76.5cm					148	68.2cm
	156	72.8cm	Junior Model	Size	"0" Mid Mark	EXPERIENCE 82	175	81.4cm
SENDER SOUL	180	83.7cm	HERO	148	64.5cm		167	76.3cm
PRO	170	79cm		141	61.3cm		159	72.5cm
	160	74.4cm		134	58.2cm		151	68.8cm
	150	69.7cm		127	55.5cm	SPRAYER	178	83.7cm
	140	65cm	HERO JR MULTI-	150	62.6cm		168	78.1cm
	130	60.3cm	EVENT	140	58.5cm		158	73.5cm
ESCAPER 105	187	79cm		130	54.4cm		148	68.8cm
	179	75.2cm		120	49.3cm		138	63.7cm
	170	71.4 cm		110	45.0cm	TRIXIE	158	73.5cm
ESCAPER 97	185	80.7cm	HERO ATHLETE	172	79cm		148	68.8cm
NANO	177	76.9cm	ACCELERE FT	166	76cm		138	63.7cm
	169	73.1cm			1			
	161	69.3cm				Unisex Model	Size	"0" Mid Mark
ESCAPER 88	182	79.1cm				ESSENTIAL	172	75.1cm
NANO	176	76.3cm					167	72.8cm
	166	71.5cm					160	70.6cm
	156	66.8cm					155	68.3cm
SUPER	192	89.9cm						
BLACKOPS 98	182	85cm						
	172	80.4cm						
	162	75.6cm						

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BRAKE COMPATIBILITY

Note: World Cup/Racing brakes are not the same as SPX/NX/ PX/Nova / Axial³/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 24/25 skis require B120 (120mm) extra wide brakes:

Sender Free 118

M-Free 112

The following 24/25 skis require B110 (110mm) wide brakes:

Sender Free 110 Sender Soul 102 Rallybird Soul 102 Escaper 105 Nano

M-Free 108 M-Tour 108

M-Free 99

M-Pro 100

M-Pro 108

The following 24/25 skis require B100 (100mm) wide brakes:

Sender Soul 92 Rallybird Soul 92 Super BlackOps 98 Escaper 97 Nano

M-Pro 98 W M-Pro 94 M-Pro 92 W M-Tour 100

The following 24/25 skis require B90 (90mm) wide brakes:

Sender Free Pro Sender Soul Pro Arcade 88 Arcade 84 Experience 86 Basalt W Experience 82 TI W Escaper 88 Nano

M-Pro 85 W Menace 90 M-Vertical 88 M-Free 90

M-Pro 85

The following 24/25 skis require B80 (80mm) wide brakes: Sprayer Trixie

	BRAKE TYPE	ITEM # / NAME	MAXIMUM SKI WIDTH AT WAIST
ROCKERACE		FC9F024 / B80	64 - 80 mm
	61	TBD / B130	115-130 mm
PIVOT 2.0		FONF004 / B115	106-115 mm
		FONF003 / B105	95-105 mm
		FONF002/B95	80-95mm
		FC0F004 / B130	115-130 mm
PIVOT		FC9F002/B115	100 - 115 mm
		FC9F001/B95	00 - 95 mm
	~~~	FC0F049/B/5	100 120 mm
		FC9F012 / B120	100 - 120 mm
SPX / SPX KONECT		FOLF004 / B110	96 100 mm
KONECT		FC9F013 / B90	80 - 100 mm
		FC9F013 / B80	64 - 80 mm
		FCDF002 / B93	83 - 93 mm
NX 11 / NX 10		FC5F006 / B83	70 - 83 mm
		FC4F017 / B73	64 - 73 mm
		FCFD003 / B93	83 - 93 mm
XPRESS XPRESS W		FC0F023 / B83	70 - 83 mm
		FC0F022 / B73	64 - 73 mm
KID 4		FC0F025 / B76	max.76 mm
		FC0F024 / B69	max.69 mm
TEAM 4		FC8F002 / B76	max.76 mm
		FC3F030 / B69	max.69 mm
		FCEF113 / D120	105-120 mm
HM 12 HM 10 DEMO	T	FCEF112 / D105	90-105 mm
	- 1	FCEF111 / D90	max.90 mm
	A.S.	FCHF110	max.75 mm
SUPERLITE 13	K.	FCHF111	75-90 mm
		FCHF112	90-105 mm

## TOE HEIGHT ADJUSTMENT

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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 standards 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 Adult), 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.

- Determine bootsole type (ISO 5355, ISO 23223 (GRIPWALK[®]), or WTR) (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).
  - 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).
- 3. Once the norm is selected LOOK and Rossignol DUAL bindings require no further toe height adjustment. (photo 10).







## A LA CARTE BINDING ASSEMBLY AND ADJUSTMENT

## **PIVOT 2.0**

**NOTES:** The Pivot 2.0's updated heel assembly is not compatible with previous generation Pivot products. For a list of Pivot 2.0 compatible brakes see page 18.

#### TEMPLATE:

Adult Template (See also page 13, item # FCFF001)

#### COMPATIBILITY:

Pivot 2.0 15 GW and Pivot 2.0 18 GW with the Gripwalk "A" logo are compatible with ISO 5355 A (Adult) and ISO 23223 A (Adult) "Gripwalk" boot soles.

BEFORE DRILLING: See "Before Drilling" page 15.

DRILLING: (See also "Drilling & Tapping" page 15)

- 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" Below.

#### 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.
- 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.
- 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" below.

#### 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. 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).
- 4. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
- Confirm forward pressure is correct by checking the forward pressure tab at the back of the heel piece: OK = The white indicator tab (B) aligns with the raised black arrows on the plastic heel base plate (C) (Photo B).
  - a. Grab the heel piece and twist/rotate the heel.
    - i. If the heel piece twists/rotates easily, tighten forward pressure (Photo C)
    - 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.
- 6. Adjust heel piece positioning as necessary to achieve correct forward pressure.
- 7. Confirm elastic travel at toe and heel. If forward pressure is too tight, elastic travel will be negatively affected.
- 8. Proceed to "Bindings Indicator Settings" & "Dispatch" on page 59.







РНОТО С



## PIVOT

#### TEMPLATE:

Adult Template (See also page 13, 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 also page 19)

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 "Before Drilling" page 15.

DRILLING: (See also "Drilling & Tapping" page 15)

- 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.
- 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)
- 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.
- 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.













### SPX

#### TEMPLATE:

Adult Template (See also page 13, item # FCFF001)

#### COMPATIBILITY:

SPX 11 GW, SPX 13 GW, 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 19)

LOOK SPX and Rossignol Axial³ are compatible with ISO 5355 A (Adult) boot soles.

BEFORE DRILLING: See "Before Drilling" page 15.

DRILLING: (See also "Drilling & Tapping" page 15)

- 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.
- 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

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For SPX 12 DUAL only:

- 1. Determine boot sole type (ISO 5355 A, ISO 23223 A, WTR)
- 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.
  - "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.
- 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.





### NX

#### TEMPLATE:

Adult Template (See also page 13, 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 24).

**Older models:** LOOK NX 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 19)

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

BEFORE DRILLING: See "Before Drilling" page 15.

DRILLING: (See also "Drilling & Tapping" page 15)

- 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.
- 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.
- 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.



## 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 23.



## TEAM 4

#### TEMPLATE:

Junior Template (See also page 13, 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 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 "Before Drilling" page 15.

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 15)

- 1. Drill the toe and heel holes indicated on the Junior Template for Team 4 / Team 4 RTL bindings. Tap if necessary.
- 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.
- 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.
- 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.
- 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.





## ROCKERFLEX

#### TEMPLATE:

+

No Template

#### COMPATIBILITY:

LOOK SPX/PX Rockerflex racing models, and Rossignol Axial³ World Cup Rockerflex 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).
- 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 30.)
- 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).
- 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 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 band, this is the connection between the toe and the heel, not the plastic "teeth".

**Note:** For the largest range (326-341mm) the 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).
- 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 the 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.
- 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 2024/25 Rossignol Group Binding Adjustment Chart on page 71.
- 2. Follow the torque testing procedures located on pages 70 and 71.

**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 72-73. Skiers who need a higher setting will normally have only the heelpiece set higher.
- 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  $\ensuremath{\mathsf{INSPECTION}}$  RANGE
- 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 E







РНОТО Н

ΡΗΟΤΟ Ι



## 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 30.)
- 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).
- 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 30.)
- 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 the 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.
- 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 2024/25 Rossignol Group Binding Adjustment Chart on page 71.
- 2. Follow the torque testing procedures located on pages 70 and 71.

**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 72-73. Skiers who need a higher setting will normally have only the heelpiece set higher.
- 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
- 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.









ΡΗΟΤΟ Ε





РНОТО В

РНОТО Н



## RACE PLATE INSTRUCTIONS

## 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 30 and 31.
- 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 30 and 31.
- 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 30 and 31.
- 4. Using a #3 POZIDRIVE screwdriver, insert binding screws in a cross-pattern until firmly seated on plate.
- 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**



## **R20 PRO PLATE**



**R21 PRO PLATE** 



## KONECT SYSTEM & RENT SYS

#### TEMPLATE:

RTL SYS Template (See also page 13, 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 19. )

**BEFORE DRILLING:** (See also "Before Drilling" page 15)

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

DRILLING: (See also "Drilling & Tapping" page 15)

- 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.

**Extra Precaution:** 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.
- 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 33.
  - 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.

**Note:** To properly position the binding on the plate, select the closest values on the toe and heel plate that are less than, or equal to, the boot sole length value.

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

For SPX 12 DUAL and NX 12 DUAL only:

- 2. Determine boot sole type (ISO 5355 A, ISO 23223 A, WTR)
- 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.
- 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.

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#### РНОТО В



#### РНОТО С



#### 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 the toe piece and 304 for the heel piece.

	TOE ADJUSTMENT	HEEL ADJUSTMENT
260 - 263	260	260
264 - 267	200	264
268 - 271	269	204
272 - 275	200	272
276 - 279	276	212
280 - 283	270	290
284 - 287	294	200
288 - 291	204	200
292 - 295	202	288
296 - 299	292	200
300 - 303	200	290
304 - 307	300	204
308 - 311	200	304
312 - 315	308	210
316 - 319	216	312
320 - 323	510	220
324 - 327	224	320
328 - 331	324	220
332 - 335	222	320
336 - 339	332	226
340 - 343	240	330
344 - 347	340	244
348 - 351	240	344
352 - 355	340	250
356 - 359	250	302
360 - 363	300	260
364 - 367	204	300
368 - 371	304	200
372 - 375	372	308

## XPRESS SYSTEM & RENT SYS

#### TEMPLATE:

RTL SYS Template (See also page 13, 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 15)

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 15)

- 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.

**Extra Precaution:** 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.
- 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.
- 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 35.
  - 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 (Photo D):
  - a. OK = Yellow indicator tab is in the front half of the window (Photo D)
- Adjust positioning as necessary to achieve correct forward pressure.
- 6. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.





РНОТО В



РНОТО С



PHOTO D



## **XPRESS² / XPRESS ADJUSTMENT CHARTS**

## XPRESS²

4	TOE ADJUSTMENT	HEEL ADJUSTMENT
260 - 265	260	_260_
266 - 271	266	_266_
272 - 277	272	272
278 - 283	278	_278_
284 - 289	284	
290- 295	290	_290_
296 - 301	296	_296_
302 - 307	302	302
308 - 313	308	308
314 - 319	314	<u>314</u>
320 - 325	320	320
326 - 331	326	326
332 - 337	332	332
338 - 343	338	338
344 - 349	344	344
350 - 355	350	350
356 - 361	356	356
362 - 367	362	362
368 - 373	368	368
374 - 379	374	374
380 - 385	380	380

		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

ADULT

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

		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 13, 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 15)

1. Align the ski mount position and template to the "KIDX" 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 15)

- 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.

**Extra Precaution:** 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

- 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 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)
- Visually inspect that the toe plate is seated flush to the top of the ski on ALL SIDES.
- 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:
  - 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)
- 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 38 and 39.
  - 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.
- 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.


РНОТО В



#### РНОТО С



РНОТО D

# ΡΗΟΤΟ Ε



### PHOTO F



mm				
205 206 207 208 209	205	205		
210 211 212 213 214		210		
214 215 216 217 218	213			
219 220 221 222 222	220	217		
223 224 225 226 227	220	224		
228 229 230 231 222				
232 233 234 235 236		231		
237 238 239 240 241	234	728		
241 242 243 244 245	241	238		
246 247 248 249		245		
250 251 252 253 254	248	252		

255						
256						
257		252				
258	255					
259						
260						
261						
262		259				
263						
264						
265	262					
266						
267						
268						
269		266				
270						
271						
272	269					
273						
274						
275						
276		273				
277						
278						
279	276					
280						
281						
282						
283		280				
284						
285	202					
280	283					
287						
288						
269		707				
290		201				
291						
292	290					
294	250					
295						
296						
297		294				
298						
299						
300	297					
301						
302						
303		301				
304	26.5					
305	304					

# XPRESS KID / XELIUM KID ADJUSTMENT CHART

4	TOE ADJUSTMENT	HEEL ADJUSTMENT
	DD-	
210		1
211		1
212		2
213		2
214	010	3
215	210	3
216		3
217		4
218		4
219		4
220		3
221		3
222		4
223		4
224	220	4
225	220	5
226		5
227		5
228		6
229		6
230		4
231		4
232		5
233		5
234	230	5
235		6
236		6
237		6
238		7
239		7
240		5
241		5
242		6
243		6
244	240	6
245		/
246		/
24/		/
248		8
249		8

	TOF				
	ADJUSTMENT	ADJUSTMENT			
	DP-				
250		8			
251		8			
252		8			
253		8			
254	050	9			
255	250	9			
256		9			
257		10			
258		10			
259		10			
260		9			
261		9			
262		9			
263		10			
264	260	10			
265	200	10			
266		11			
267		11			
268		11			
269		11			
270		11			
271		11			
272		11			
273		11			
274	270	12			
275	270	12			
276		12			
277		13			
278		13			
279		13			
280		12			
281		12			
282		12			
283	280	13			
284		13			
285		13			
286		13			
287		13			
288	200	13			
289	290	13			
290		13			

# SPX METRIX

#### TEMPLATE:

Adult Template (See also page 13, 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 "Before Drilling" page 15.

If using the Metrix Drilling Sole (Item # FOLF001)

- 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 Metrix 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 15)
- 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 Precaution:** 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)

- 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.
- 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.
- 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)
- 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 42 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 cresent 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.
- 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 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.





### РНОТО С





#### ΡΗΟΤΟ Ε



### PHOTO F



#### PHOTO G



#### РНОТО Н









#### РНОТО К



#### PHOTO L



mm	TOE ADJUSTMENT	HEEL ADJUSTMENT			
260 - 263	260	260			
264 - 266		264			
270 - 273	267	270			
274 - 276	274	210			
277 - 279		277			
283 - 286	280	202			
287 - 289	287	283			
290 - 292		290			
297 - 299	293	007			
300 - 302	300	297			
303 - 306	500	303 310			
307 - 309	307				
313 - 315	313				
316 - 319	515	316			
320 - 322	320				
326 - 329	206	323			
330 - 332	320	330			
333 - 335	333				
340 - 342	240	336			
343 - 345	340	343			
346 - 348	346				
353 - 355	050	349			
356 - 358	353	356			
359 - 360	359				

# 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 are compatible with ISO 5355 A (Adult) and ISO 5355 C (Children) boot soles.

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

BEFORE DRILLING: (See also "Before Drilling" page 15)

- 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
  - 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".

3.

**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 15)

- 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.

- 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.
- 3. 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.
- 5. Visually inspect that the heel piece is seated flush to the top of the ski on All SIDES.
- 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.
- 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.
- Proceed to "Bindings Indicator Settings" & "Dispatch" on page 59.

# TEAM 2 RL / TEAM 4 RI 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 Le	angth 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

	Ski 6	7 cm	Ski 8	0 cm	Ski 93 cm		
Heel Position	The second	AND	A.C.	AN	and a		
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	

# RTL - IRS - FLASH

#### TEMPLATE:

Adult Template (See also page 13, 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 24.

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

BEFORE DRILLING: See "Before Drilling" page 15.

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

- 1. Adjust the templates plates and align the rear of the front plate with one of two boot sole length ranges: (Photo A)
  - a. "RTL A" boot sole ranges 254mm 340mm
  - b. "RTL D" boot sole ranges 298mm 384mm
- 2. 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.
- 4. 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 15)

- 1. Drill the toe and heel holes indicated on the Adult Template for NX RTL bindings. Tap if necessary. (Photo C)
- 2. Remove template, turn ski over and tap with hand, removing all debris.
- 3. 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.

- 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.
- 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.
  - a. Refer to adjustment charts on page 44 for RTL and 45 for IRS.
  - b. Align the arrow on the heel piece with the corresponding boot sole length code on the heel track.
  - c. Tap heel piece to confirm it is locked in place.
- 3. 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)
- 5. Adjust heel piece positioning as necessary to achieve correct forward pressure.
- 6. Proceed to "BINDINGS INDICATOR SETTINGS" & "DISPATCH" on page 59.

# NX / NOVA / AXIUM RTL ADJUSTMENT CHART

Position	Mounting	Position A	Mountain Position	
Position  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21	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

# COLOR CODE Pink



РНОТО В

ΡΗΟΤΟ Α



#### РНОТО С





# 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	

### LOOK FLUID

#### TEMPLATE:

No Template

#### COMPATIBILITY:

Older models: All LOOK Fluid models are compatible with ISO 5355 A (Adult) boot soles.

#### BEFORE DRILLING: Not Applicable

#### DRILLING: Not Applicable

#### INSTALLATION

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

#### ADJUSTMENT

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









# LOOK FLUID ADJUSTMENT CHARTS

FLUID			
	TOE ADJUSTMENT	HEEL ADJUST	
263-266 267-269 270-272 273-275	263-275		•0() ••() •0() •0()
276-279 280-282 283-285 286-288	276-288	A B B B	
289-292 293-295 296-298 299-301	289-301	<del>ک</del> <mark>ک ه</mark> ه	000 000 000 000
302-305 306-308 309-311 312-314	302-314	2000	•0() ••() •0() •0()
315-318 319-321 322-324 325-327	315-327		000 000 000 000
328-331 332-334 335-337 338-340	328-340		000 000 000 000 000
341-344 345-347 348-350 351-353	341-353		•0() ••() •0() •0()
354-357 358-360 361-363 364-366	354-366		
367-370 371-373 374-376 377-379 378-382	367-382		

# SUPERLITE 13

#### TEMPLATE:

Lite Template (See also page 13, 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 15)

- 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 15)

- 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

- 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)
- 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 the boot toe in the binding toe piece.
- 2. Insert the boot into the binding with authority, ensuring the heel piece is engaged.
- 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 2024/25 Rossignol Group Binding Adjustment Chart on pages 70 & 71.
- 2. Adjust the retention setting in the heel only. (Photo K)
- 3. Proceed to "DISPATCH" on page 59.



РНОТО В



#### РНОТО С



#### PHOTO D



#### ΡΗΟΤΟ Ε



PHOTO F



PHOTO G



РНОТО Н





## рното ј



РНОТО К



#### ΗМ

#### TEMPLATE:

HM Template (See also page 13, 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 15)

- 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 15)

- 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
- 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 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.
- Adjust heel piece to achieve correct forward pressure: (Photo I)

   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)
- 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
- 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 2024/25 Rossignol Group Binding Adjustment Chart on pages 70 & 71.
- 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.

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РНОТО Е



















#### РНОТО Н





### РНОТО К





# HM DEMO

#### TEMPLATE:

HM Template (See also page 13, 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 15)

- Place LOOK HM mounting template on the ski lining up the midsole mark of the ski and the boot midsole line on the template.
- Adjust the heel and toe plates of the template to a 304mm 2. 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 15)

- 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.
- Proceed to "INSTALLATION". 3

#### 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
  - Tighten front screws of the heel piece first (Photo A) a.
  - Remove rubber strap while holding the ski brake up b.
  - Tighten back screws of heel piece (Photo B) C.

d. Tighten all 4 screws of the heel piece using 4Nm of torque

- Visually inspect that the heel piece is seated flush to the top of 3. the ski on ALL SIDES.
- 4. Mount toe piece
  - Twisting upward the metal lever at the front of the toe a. 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.
  - Position toe plate over toe holes and tighten front toe b. screws using 4Nm (maximum) of torque until toe plate is firmly seated on the ski. (Photo C)
  - Slide toe piece to the font of the plate allowing access to c. the rear toe plate holes
  - Tighten rear toe screws using 4Nm (maximum) of torque d. until toe plate is firmly seated on the ski (Photo D)
  - Visually inspect that the toe piece is seated flush to the top e. of the ski on All SIDES.
  - Rotate downward the metal lever at the front of the toe f. piece to lock in place.
  - If loosened, tighten the central screw at the rear center of a. the toe piece. (Photo E)
- Proceed to "ADJUSTMENT". 5.

#### ADJUSTMENT

- Twist upward the metal lever at the front of the toe piece. 1 (Photo F)
- Adjust the toe piece position so the closest corresponding boot 2. sole length appears in the front of the metal flange on the side of the toe piece.
- Twist downward the metal lever at the front of the toe piece. 3.
- 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:
  - Use only Torx 20 driver, 8mm nut tool, or Dynafit Adjust a. Tool
  - Move the heel until a small (approx. 0.2mm) gap is visible b.
- Confirm forward pressure is correct by checking the forward 9 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 2024/25 Rossignol Group Binding Adjustment Chart on pages 70 & 71.
- Frontward and torsion (lateral) release values are set on the 2. 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.
  - Using a large flathead screwdriver adjust the large slotted a 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)
- Proceed to "DISPATCH" on page 59. 3.

#### ΡΗΟΤΟ Α



#### РНОТО В



#### РНОТО С



#### PHOTO D



#### PHOTO E









### ΗТ

#### TEMPLATE:

ST/HT Template (See also page 13, 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 15)

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 15)

- 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.
- Confirm forward pressure is correct by checking the forward pressure with the provided 5.5mm gauge OK = the end of the thee 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 2024/25 Rossignol Group Binding Adjustment Chart on pages 70 & 71.
- 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 f lathead 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 F



# рното с

РНОТО В



#### PHOTO G





#### РНОТО Н



### ΡΗΟΤΟ Ι







# DARKLITE

#### TEMPLATE:

Lite Template (See also page 13, 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 15)

- 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
  - The Look Darklite 12 binding has an adjustment range of +/- 5mm.

DRILLING: (See also "Drilling & Tapping" page 15)

- 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 cutout on the heel track falls within the "STOP" markings on the heel piece. (Photo C)

- 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.
- 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).
- 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 2024/25 Rossignol Group Binding Adjustment Chart on pages 70 & 71.
- 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 G





ΡΗΟΤΟ Ι



# 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, (pages 10 and 11)
- 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</li>
- 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.
- 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 toepiece and heelpiece of RETAIL or RENTAL bindings.

Note: Konect/Xpress/Kid-X Rent Sys, NX RTL & IRS, Metrix 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 enganging 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 toepiece.
- b. Locate indicator setting, visible in window on top of toepiece.
- c. Determine the appropriate indicator value for the skier (see pages 70-71). Indicator values must comply with Rossignol Group recommendations (see table, page 71), 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 heelpiece.
- b. Locate indicator setting, visible in window:
  - i. On side of heelpiece (PX, Axial²)
  - ii. On top of heelpiece (SPX, Axial³, Pivot/FKS)
  - iii. Under heelpiece lever (NX, Nova, Xpress / Axium, Saphir, Xelium)
- c. Determine the appropriate indicator setting for the skier (see pages 70-71). Indicator settings must comply with Rossignol Group recommendations. (see table, page 71), 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 and 61.

# DISPATCH

# Follow the steps below when dispatching skis to <u>Rental and</u> <u>Retail</u> consumers:

- 1. Complete "FINAL INSPECTION" on page 61.
- 2. Show skier how to get in and out of binding.
- 3. Show indicator values on binding and the rental form or work ticket.
- 4. Have skier read, sign, and date the rental form or work ticket. Give them a copy.
- 5. Review SKIER INSTRUCTIONS (see page 75), 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





# INSPECTION AND TESTING PROCEDURES: RETAIL

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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. It is required for indemnification in the U.S. 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)
- 1. Determine the binding's INSPECTION and IN-USE RANGES (see page 70, step 5 for how to determine INSPECTION and IN-USE RANGES)
- 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 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 page 61). If no problems are detected with the system, the component should be returned for warranty replacement (see Warranty Procedures, page 77).



# 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).

Used boots and/or bindings:

- 1. Clean boot toe and heel interface with warm soapy water, even if the boot looks clean (photo 68)
- Clean the binding interfaces with warm soapy water, <u>even if</u> <u>the binding looks clean</u> (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).
  - b. Position the calibrator strap on the boot so it sits behind the brake treadle (see photo 67).

# 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 77).

# 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.
- 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 83).
  - c. Boot sole is clean. (If contaminated, clean with warm soapy water.)
  - Boot sole is not worn and complies with current ISO 5355 standards, or GRIPWALK[®] (ISO 23223) (see page 10)
  - 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).





PHOTO 69



# 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).
- 3. Adjust a rental binding to one of the five boots, and an indicator value of 5 (indicator value of 2 for junior).
- 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).
- 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)
- 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:

- . 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



# **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. <u>TWIST test should be performed clockwise only.</u>
- 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 <u>greater than</u> <u>or equal</u> 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 grease.

# **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. <u>*Test only one ski from each pair.</u>
- 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 71.

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.



# 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 10)

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 70-71).
- 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 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 issues 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 70 & 71).
- 3. Lubricate boot/binding interface with thin film of 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 toepiece 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 83).
- 7. Dismantle the toe and heel sections on Konect/Xpress/Kid-X Rent Sys 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 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 toepiece's allow the toe wings to rotate 180°. 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).
- Readjust the toepiece to its original indicator setting (Photo 72).
- 5. Test system (see Adjusting and Testing Procedures, pages 60-64).

# 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 Widow 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 Widows are the same shape, but <u>are NOT interchangeable.</u>







Item # FCCF005

XPRESS 7 HEEL Item # FCCF003

XPRESS 10 HEEL Item # FCCF004

For single pair replacement:

Before you begin, ensure that the new Heel Indicator Setting Window is the same model and <u>displays the same indicator setting</u> 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 73)
- Lightly lever up the tip of the screwdriver and rotate it until the Heel Indicator Setting Widow is free of the heel housing. (Photo 74)
- 3. Remove the original Heel Indicator Setting Window. (Photo 75)
- 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 76)
- 5. Press down on the Heel Indicator Setting Window until it securely clips in place.





PHOTO 70



PHOTO 72

- 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 <u>displays the same indicator setting range as</u> 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.





#### **PHOTO 75**



PHOTO 76



# INDICATOR WINDOW REPLACEMENT

New for the 2024-2025 season, The Rossignol Group will permit technicians who have completed the current Look Technical Training to replace certain damaged indicator windows in the shop setting. Below is a list of LOOK models and indicator widows (with replacement part item numbers) eligible for in shop repair/replacement:

In order to ensure proper binding function and release values it is MANDATORY to replace the binding's Toe and/or Heel Indicator Setting Widow or Foil Indicator Rage Insert with the replacement that is the same size and shape, AND displays the SAME indicator setting range.

MODEL	TOE WINDOW	VINDOW HEEL WINDOW RANG		FOIL RANGE INSERT	
XPRESS 7 GW	Not Eligible	FCCF003	2-7	Not Available	
XPRESS 10 GW	Not Eligible	FCCF004	2.5-10	Not Available	
XPRESS 11 GW	Not Eligible	FCCF005	3.5-11	Not Available	
SPX 11 GW	Not Eligible	Not Available	3.5-11		
SPX 12 GW / Konect / Metrix	FCFF009	FCGF004	3.5-12	Not Available	
SPX 13 GW	FCFF009	FVNF001	4-13	Not Available	
SPX 14 GW / Konect / RockerRace	FCFF009	FVLF021	5-14	Not Available	
PIVOT 12 GW	FCFF009	Not Eligible	4-12	Not Available	
PIVOT 14 GW	FCFF009	Not Eligible	5-14	Not Available	
PIVOT 15 GW	FVLF019	Not Eligible	6-15	FVMF009	
PIVOT 2.0 15 GW	FVLF019	Not Eligible	6-15	FVMF009	
PIVOT 18 GW	FVLF019	Not Eligible	8-18	FVMF008	
PIVOT 2.0 18 GW	FVLF019	Not Eligible	8-18	FVMF008	
NX JR 7 GW	Not Eligible	Not Available	2-7	Not Available	
NX 9 GW / IRS	Not Eligible	FC8F005	2.5-9.5	Not Available	
NX 10 GW	Not Eligible	FC6F129	3-10	Not Available	
NX 11 GW	Not Eligible	FC3F034	3.5-11	Not Available	
NX 12 GW / Konect	FCFF009	FC6F123	3.5-12	Not Available	
TEAM 4 GW / KID 4	Not Eligible	Not Eligible	.75-4.5	Not Available	
TEAM 2	Not Eligible	Not Eligible	.5-2.5	Not Available	
SPX 15 RockerRace	FVLF019	Not Available	7-15	FVMF007	
PX 18 RockerRace	FVLF019	Not Available	10-18	FVMF006	

Indicator windows, foil inserts, or other related parts that are either "Not Available" or "Not Eligible" for in shop repair/replacement must be sent back to the Rossignol Group Service Center for repair or replacement at the address listed below:

USA: The Rossignol Group Distribution Center Attn: Warranty 267 N Depot Dr. Ogden, Utah 84404

CANADA: Groupe Rossignol Canada Inc. Attn: Warranty 800 Georges-Cros Granby, Quebec J2J 1N2

# INDICATOR WINDOW REPLACEMENT PROCEDURE

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

To remove and replace the **Full Action Toe** Indicator Setting Window (Pivot 12 GW, Pivot 14 GW, SPX 12, SPX 13 GW, SPX 12 & 14 Konect GW, SPX 12 Metrix GW, NX 12 GW):

- Using a T10 Torx bit remove the retaining screw on top of the toe piece, lift the plastic retaining piece and remove the Indicator Window. Use caution to ensure the Foil Range Insert is not damaged.
- Re-position the Foil Range Insert in the new Indicator Window and re-install by lifting the plastic retaining piece and sliding the Indicator Window with properly positioned Foil Range Insert into place.
- 3. Re-install the retaining screw on top of the toe piece.
- 4. Visually confirm proper installation and proceed to Test System (See Inspection and Testing Procedures, pages 60-64).

To remove and replace the **SPX Heel** Indicator Setting Window (SPX11 GW, SPX 12 GW, SPX 13 GW, SPX 14 GW, SPX 12 & 14 Konect GW, SPX 12 Metrix, SPX 14 RockerRace):

- Insert a 4mm flathead screwdriver between the heel housing and the rubberized arms on either side of the Heel Indicator Window. Lightly lever up the tip of the screwdriver until the rubberized arms are free of the heel housing. Repeat on the other side.
- Insert a 4mm flathead screwdriver between the heel housing and the back of the indicator window (end furthest from the binding's brake). Lightly lever up the tip of the screwdriver and rotate it until the Heel Indicator Setting Widow is free of the heel housing.
- 3. Remove the original heel indicator window
- 4. Position the replacement Heel Indicator Window so the tab on the front of the Heel Indicator Window (the end closest to the binding's brake) slides under the heel housing and aligns with the metal notch.
- Apply a downward pressure on the back of the indicator window (end furthest from the binding's brake) until it clicks into place.
- 6. Re-position both rubberized arms and apply a downward pressure until both arms click into place.
- 7. Visually confirm proper installation and proceed to Test System (See Inspection and Testing Procedures, pages 60-64).

To remove and replace the Single Pivot (Race Aluminum) Toe Indicator Setting Window (Pivot 15 GW, Pivot 18 GW, Pivot 15 2.0, Pivot 18 2.0, SPX 15 RockerRace, PX 18 RockerRace):

- Insert a 4mm flathead screwdriver between the toe housing and the back of the Toe Indicator Setting Window (the end closest to the binding's brake). Lightly lever up the tip of the screwdriver and rotate it until the Toe Indicator Setting Widow is free of the toe housing.
- 2. Lift to remove the original toe indicator window. Use caution to ensure the Foil Range Insert is not damaged.
- 3. Re-position either the original Foil Range Insert or a replacement Foil Range Insert so it is seated flush within the toe housing.
- Gently pinch the lateral clip arms of the replacement Toe Indicator Window and position so they are seated within the notches on either side of the Foil Range Insert and Indicator Setting Range.
- 5. Apply downward pressure until the new Toe Indicator Window click into place.
- 6. Visually confirm proper installation and proceed to Test System (See Inspection and Testing Procedures, pages 60-64).

To remove and replace the **NX Heel** Indicator Setting Window NX Jr 7 GW, NX 9 GW, NX 9 IRS, NX 10 GW, NX 11 GW, NX 12 GW, NX 12 Konect GW):

- 1. Insert a thin small flathead screwdriver between the heel housing and the side of the Heel Indicator Window.
- 2. Lightly lever up the tip of the screwdriver and rotate it until the Heel Indicator Setting Widow is free of the heel housing.
- 3. Re-position the replacement Heel Indicator Window and apply downward pressure until both sides click into place.
- 4. Visually confirm proper installation and proceed to Test System (See Inspection and Testing Procedures, pages 60-64).

Refer to page 84 for part information, photos & item numbers..

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:

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- 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.



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

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

Using the 2024/25 Rossignol Group Binding Adjustment Chart (page 71), 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).
- 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 Codes 'H' and 'I', use 'H').

#### STEP TWO: RELEASE PREFERENCE (see chart on page 71)

- 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

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.
- 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).



# 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 2024.
- 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 72) 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.

						INDICATO	OR SETTIN	I <b>G</b> sole ler	ngth (mm)					
				1	2	3	4	5	6	7	8		TORQUE	RANGE
	Weight (lbs)	Height (ft'in")	SKIER CODE	≤ 230	231-250	251-270	271-290	291-310	311-330	331-350	≥ 351	SKIER CODE	Twist (Nm.)	Lean (Nm.)
													5	18
48lbs. ONE ROW	22-29		A	.75	.75	.75		_				4	8	29
less than NCREASE	30-38		В	1	.75	.75	.75					В	11	40
Skiers MAXIMUM	39-47		С	1.5	1.25	1.25	1					С	14	52
	48-56		D	2	1.75	1.5	1.5	1.25				D	17	64
	57-66		ш	2.5	2.25	2	1.75	1.5	1.5			ш	20	75
	67-78		F	3	2.75	2.5	2.25	2	1.75	1.75		F	23	87
	79-91		G		3.5	3	2.75	2.5	2.25	2		G	27	102
	92-107	≤4'10"	H			3.5	3	3	2.75	2.5		H	31	120
	108-125	4'11"- 5'1"	-			4.5	4	3.5	3.5	3		-	37	141
	126-147	5'2"- 5'5"	J			5.5	5	4.5	4	3.5	3	J	43	165
	148-174	5'6"- 5'10"	Κ			6.5	6	5.5	5	4.5	4	Κ	50	194
	175-209	5'11"- 6'4"	L			7.5	7	6.5	6	5.5	5	L	58	229
	≥210	≥6'5"	Μ				8.5	8	7	6.5	6	M	67	271
			N				10	9.5	8.5	8	7.5	N	78	320
			0				11.5	11	10	9.5	9	0	91	380
			Ρ						12	11	10.5	Ρ	105	452
													121	520
													137	588

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. <u>The</u> 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:
  - 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

- 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.
- 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'.

## 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

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- 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 Bindings 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 the 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 ski/binding/boot 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 75.

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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:

- 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.
- 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 ski/binding/boot 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-bootbinding 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.

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 <u>unauthorized</u> 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:

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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.

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## LIMITED WARRANTY

Subject to exceptions expressly stated herein, all products (collectively the "**Product**" or "**Products**") sold on https://www. rossignol.com/us or sold in the USA by a store owned by GROUP ROSSIGNOL USA, Inc. or one of its affiliates (collectively "**ROSSIGNOL**", "we", "us", or "our") or an authorized reseller in the USA are covered by this limited warranty (the "**LIMITED WARRANTY**"). This LIMITED WARRANTY is extended only to the original purchaser of a Product for a period of two years from the date of delivery, upon presentation of a valid proof of purchase and delivery. Any implied warranty that accompanies this LIMITED WARRANTY is restricted in duration to the length of the LIMITED WARRANTY.

The LIMITED WARRANTY applies only to the original purchaser and is not transferable. The LIMITED WARRANTY does not apply to Products purchased pursuant to a commercial agreement, business to business agreement, or similar agreement. Products purchased second-hand, used or received as gifts are not covered by this LIMITED WARRANTY.

The term "Product" or "Products" as used herein does not include complete bicycles, frames, forks or other bicycle components bearing the ROSSIGNOL brand. Bicycles sold by ROSSIGNOL or an authorized reseller are covered solely by the Rossignol Bicycle Limited Warranty.

To the fullest extent permitted by law, ROSSIGNOL disclaims all warranties not set forth in this LIMITED WARRANTY.

This LIMITED WARRANTY covers defects in workmanship or materials. This LIMITED WARRANTY does not cover any problem or damage resulting from:

- Impact, uncontrolled impact and/or crash;
- Misuse, abuse, neglect, negligence, unauthorized modification of the product;
- Theft or loss;
- Natural disaster;
- Normal wear and tear, impact damage caused by rocks, stumps, boxes, rails, or any other foreign object; scratches, chips, and indentations in top sheets caused by ski-to-ski contact;
- Improper mounting or adjustment of the bindings, including bindings pulling out of the ski;
- Chairlift breakage; and/or
- Use of solvents and adhesives.

All coverage under this LIMITED WARRANTY is void if any modification, change, or alteration has been made to the Product that was not specifically authorized in writing by ROSSIGNOL.

Warranty claims must be submitted through an authorized dealer or through the ROSSIGNOL website. The original purchase receipt or invoice from ROSSIGNOL or an authorized reseller must accompany all warranty claims. The receipt or invoice must clearly identify the seller and the date of delivery. The warranty claim must also include: a description of the Product; clear photographs that show the entire Product for product verification; clear photographs of the damaged area of the Product; physical shipping address (no P.O. boxes); phone number; and an explanation of what happened. If ROSSIGNOL's warranty team determines that the damaged Product needs to be inspected for further evaluation, you are responsible for shipping costs to ROSSIGNOL.

Coverage by the LIMITED WARRANTY may be refused in the event that one or more of the causes of exclusion of the warranty, as presented above, is applicable, and/or in the absence of a valid proof of purchase and delivery.

Return only the damaged Product that needs to be inspected. A Return Goods Authorization (RGA) / Return to Manufacturer Authorization (RMA) is not required. ROSSIGNOL reserves the right to determine, in its sole discretion, whether the claimed Product damage is covered by this LIMITED WARRANTY. If the claim is deemed valid, ROSSIGNOL will repair or replace the damaged Product. The new or repaired Product will be returned to you freight prepaid. **Repaired or replaced Products are only covered for the remainder of the original LIMITED WARRANTY**.

FOR ANY VALID WARRANTY CLAIM, ROSSIGNOL'S LIABILITY IS LIMITED ONLY TO REPAIR OR REPLACEMENT OF THE PRODUCT. ROSSIGNOL IS NOT LIABLE FOR DIRECT, INDIRECT, PUNITIVE, OR CONSEQUENTIAL DAMAGES. If the claim is deemed invalid after you send the Product to us, we will contact you within a reasonable timeframe with a repair estimate if repair is possible.

## **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 (pages 60 and 61).
- 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 <u>pair of bindings</u> 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

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#### ROSSIGNOL GROUP WORK TICKET (Item # RV8NR03) 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. Date

Signature

Parent, Legal Guardian or Agent

Be sure to complete boot sole and binding types.

**LOOK** 78

#### **ROSSIGNOL GROUP RENTAL FORM** (Item # RV8NR02)

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E-MAIL ADDRESS						PLEASE DO NOT ADD N YOUR E-MAIL LIST.
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SKIER/RIDER NAM	IE (please print ICE RIL II REG.	DER A GOOFY A SOLE	LENGTH mm. AT BOOTS	HEIGH FT. SKIER CODE	T IN. SOLE TYPE ADULT CHILDF	
SKIER/RIDER NAM	IE (please prim ICE RIL II REG.	DER A GOOFY SOLE	AGE LENGTH mm. AT BOOTS	HEIGH FT. SKIER CODE	T IN. SOLE TYPE ADULT CHILDF	
SKIER/RIDER NAM	IE (please prin NCE RIE II REG.	DER A GOOFY SOLE	AGE LENGTH mm. AT BOOTS POLES	HEIGH FT. SKIER CODE	T SOLE TYPE ADULT CHILDF	
SKIER/RIDER NAM	IL (please prim	DER A COOFY SOLE	AGE LENGTH mm. AT BOOTS POLES HELMET	HEIGH FT. SKIER CODE	T SOLE TYPE ADULT CHILDF	WEIGHT
SKIER/RIDER NAM         RELEAS         PREFEREN         I         BOOTS         MODEL         BINDING TYPE         ALPINE         SKIS         SNOWBOARD         TECH SIGNATURE         TOE         TOE	HEEL	nt) DER A GOOFY SOLE	AGE LENGTH Mm. AT BOOTS POLES HELMET	HEIGH FT. SKIER CODE	T SOLE TYPE ADULT CHILDE	WEIGHT
SKIER/RIDER NAM         RELEAS         PREFEREN        I         BOOTS         MODEL         BINDING TYPE        ALPINE         SKIS         SNOWBOARD         TECH SIGNATURE         TOE         I HAVE READ, UND	IE (please prim		AGE LENGTH mm. AT BOOTS POLES HELMET	/ HEIGH FT. SKIER CODE	T SOLE TYPE ADULT CHILDF	WEIGHT
SKIER/RIDER NAM         RELEAS         PREFEREN        I         BOOTS         MODEL         BINDING TYPE        ALPINE         SKIS         SNOWBOARD         TECH SIGNATURE         TOE         I HAVE READ, UND         SKIER/RIDER SIGN	HE (please prim NCE RIL REG. GW HEEL HEEL HEEL HERSTAND AN NATURE (Par	ID AGREE	AGE LENGTH mm. AT BOOTS POLES HELMET TO THE V ardian)	HEIGH FT. SKIER CODE	T SOLE TYPE ADULT CHILDF G, RELEASE	WEIGHT
SKIER/RIDER NAM         RELEAS         PREFEREN         I       II         BOOTS       MODEL         BINDING TYPE         ALPINE         SKIS         SNOWBOARD         TECH SIGNATURE         TOE         I HAVE READ, UND         SKIER/RIDER SIGN	IE (please prim	ID AGREE	AGE LENGTH mm. AT BOOTS POLES HELMET TO THE ardian)	HEIGH FT. SKIER CODE	T IN. SOLE TYPE ADULT CHILDF G, RELEASE	WEIGHT

RENTAL / 2-21

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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 highenergy 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.

79 LOOK



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

Tech Name
E-mail Address
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. The acknowledgement received after a technician has successfully completed the Technical Review is valid for:

- a. One year
- b. Two seasons
- c. Three seasons

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

a. True b. False

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

a. Adjust and dispatch the product

b. Replace the boot

c. Perform a clean versus lubricated test

A complete test of a ski/boot/binding 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
- c. Only when requested by the customer
- d. All of the above

**100K** 80

5. A LOOK alpine binding marked with ISO 23223 A is compatible with which boot sole type(s):

- a. ISO 23223 Adult only
- b. ISO 9523 Adult and Child
- c. ISO 23223 Adult and ISO 5355 Adult

6. A LOOK alpine binding marked with ISO 23223 CA is compatible with which boot sole type(s):

- a. ISO 23223 Junior only
- b. ISO 23223 Adult only
- c. ISO 23223 and ISO 5355 Adult and Junior

7. A Clean vs Lubricated Test:

- a. Determines the boot/binding compatibilityb. Shows the effects of contamination of the boot sole
- c. Is a diagnostic test
- d. All of the above

 After installing a binding on the ski, visually inspect that:

- The binding is seated flush on the top of the ski on ALL SIDES.
- b. The correct drill bit dimension was used
- c. The boot is compatible with the binding

9. When inspecting a binding mounted on a ski, the brake should:

- a. Extend completely
- b. Extend at least 30mm below the base of the ski
- c. Work freely and easily
- d. All of the above

10. It is required to record and save the information specified on pg 74.:

- a. Once per season, per customer
- b. Every time a boot/binding system is serviced
- c. Only when new products are serviced

11. Skier weight is 180 lbs, height is 5'10", age of 40, release preference III with a sole length of 313mm. The correct indicator value is:

- a. 8
- b. 6
- c. 7

12. Skier weight is 127 lbs, height is 5'4", age of 23, release preference III with a sole length of 276mm. The correct indicator value is:

- a.6 b7
- ). /
- c. 8

 Skier weight is 170 lbs, height is 5'9", age of 57, release preference II with a sole length of 323mm. The correct indicator value is:

 a. 5

- a. c
- b. 6
- c. 6.5

14. Skier weight is 45 lbs, height is 4'0", age of 9, release preference III with a sole length of 260mm. The correct indicator value is:

PO Box 981060

1413 Center Drive

Park City, UT 84098

Fax: 435-252-3301

a. 2

- b. 1.5
- c. 1.25

You are encouraged to complete this review online at http://techtraining.rossignol.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.

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

15. Skier weight is 38 lbs, height is 3'0", age of 3, release preference I with a sole length of 200mm. The correct indicator value is:

a. .75 b. 1

16. Skier weight is 185 lbs, height is 5'9", age of 29, release preference III with a sole length of 295mm. The correct indicator value is:

- a. 9.5
- b. 6.5
- c. 8

17. Skier weight is 107lbs, height is 5'3, age of 18, release preference I with a sole length of 266mm. The correct indicator value is:

- a. 5.5
- b. 4.5
- c. 3.5

18. For use when testing: with a sole length of 323mm and an indicator value of 6, what is the Inspection Range in twist?

- a. 58-78 Nm
- b. 43-78 Nm
- c. 50-67 Nm

19. For use when testing: with a sole length of 303mm and an indicator value of 8, what is the In-Use Range in lean?

- a. 194-271 Nm
- b. 194-380 Nm
- c. 229-320 Nm

20. For use when testing: with a sole length of 273mm and an indicator value of 3, what is the Reference torque in twist?

- a. 31 Nm
- b. 27 Nm
- c. 37 Nm

21. Forward pressure adjustments on the Pivot 2.0 are correct when:

- a. The white indicator tab aligns with the raised black arrows on the plastic heel base plate
- b. You cannot twist/rotate the heel piece on the boot easily
- c. There is a strong elastic "snap" when engaging the heel piece
- d. All of the above

22. When positioning a Konect binding on the plate, select the closest values on the toe and heel plate that are LESS THAN OR EQUAL to the boot sole length value:

- a. True
- b. False

ticket

Group Rossignol USA, Inc. -OR- Groupe Rossignol Canada Inc.

warnings d. All of the above

60 rue de la Rive Droite

Bromont Qc, J2L 0A3

Fax: 514-933-3313

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

 Give the in-box instructions

b. Give a copy of the completed and signed work

c. Demonstrate how the binding works and discuss

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## 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

Date test taken

State Zip

Retake:(circle) Yes No

Shop City_

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 Konect 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 Konect 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 August 2024.

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:

B. 4 A. 3 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 35

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 15 C 75

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

B. 6 C. 7 A. 5

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 15 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 settinas
- 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

You are encouraged to complete this review online at http://techtraining.rossignol.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.

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

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

> 81 LOOK

## 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		3 PIECE WC BF	<b>AKE</b>	
	IDENTIFY: V	Vorm-drive screw forward press	ure adjust, Brake	screws into heeltrack	r	
	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 (NON RACING)				
	SAPHIR 110 (TPI2 INCLD'D)	PX TEAM		3 PIECE BRAK	(ES	
	SCRATCH 140/120/110	AXIUM SS				
	IDENT	IFY: Flat-tab forward pressure ad	ljust, Brake screi	ws into heeltrack		
	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		2 PIECE BRAK	(ES	
	ROSSIGNOL	I OOK/DYNASTAR	ITEM #	DESCRIPTION	ΟΤΥ	PRICE
			EC7E028	83 mm	1 PR	\$25.00
			FC9E009	SHUTTLE	1 PR	\$3.00
	0/4/11/2001/12			2 PIECE BRAKES T		φ0.00
		Y: Removable shuttle (brake inte	rface). No metal	plate under shuttle		
	Possional				OTY	BRIGE
				DESCRIPTION		
		TEAM 4 (2 SCREWS)	FC8F002	73 mm	1 PR	\$20.00
	COMP KID/BABY/PRINCESS			•		
		IDENTIFY: Comp / Team	(less than 4.5 DI	N)		
	ROSSIGNOL			DESCRIPTION		
	XPRESS / XELIUM WIHOUT SHUTT		FC0F022	73 mm		\$4.50
	XPRESS / XELIUM WIHOUT SHUTT		FC0F023	83 mm		\$4.50
	XPRESS / XELIUM WIHOUT SHUTT	LE	FCDF003	93 mm	1 PR	\$9.50
	ROSSIGNOL	LOOK/DYNASTAR		DESCRIPTION	QTY	PRICE
	KID XELIUM / KID ZIP	XPRESS (ZIP)	FC0F025	Jr. Xel Brk	1 PR	\$6.00
		IDENTIFY: 1 screws	secures brake			
	ROSSIGNOL	LOOK/DYNASTAR	ITEM #	DESCRIPTION	QTY	PRICE
			FC6F049	75 mm	1 PR	\$50.00
		PIVOT 18/14/12	FC9F001	95 mm	1 PR	\$50.00
	FKS 185/180/155/140/120	D40 D45	FC9F002	115 mm	1 PR	\$50.00
		P 18, P 15	FC0F004	130 mm	1 PR	\$50.00
	IDENT	IFY: Full tuntable brake and base	assembly; Mou	nts directly to ski		-
	LOOK/DYNASTAR		ITEM #	DESCRIPTION	QTY	PRICE
			FCEF111	90 mm	EA	\$90.00
	HM BRAKE + BASE		FCEF112	105 mm	EA	\$90.00
			FCEF113	120 mm	EA	\$90.00
			FCHF110	75 mm	PR	\$45.00
	SUPER LITE 12/13 BRAKES		FCHF111	95 mm	PR	\$45.00
			FCHF112	105 mm	PR	\$45.00

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# AFD'S SCREWS NOT INCLUDED MECHANICAL (SLIDING) AFD'S

TEFLON AFD	S		
DESCRIPTION	ITEM #	PRICE	QTY
AXIUM 2 SCREW	FC4F011	\$5.50	PR
(SPEEDSET W/ ADJ IN FRONT OF TOE)		}	<u> </u>
AXIUM 4 SCREW	FC7F007	\$6.50	PR
SPEEDSET W/ ADJ BEHIND AFD	1		
BIGGER HOLES FOR SPEED SET	QQ	U	
AXIUM 4 SCREW (SMALL HOLES)	FC7F006	\$5.00	PR
FLAT MOUNT AXIUM			•
TPI2 FLUID		U	
18 - DIN PIVOT 15 DIN ALPINE	FC9F006	\$7.50	PR
**ALPINE STANDARD** FKS 18 PIVOT 18 / 15 <i>MODIFY FOR OLD 18- TOES</i> OLD RACE 115 WC155		D	
FREE WIDE	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	ice	D	
MAXFLEX 15 & 18 DIN	FC8F014	\$8.00	PR
TOE AND HEEL HOUSING CONNECTED BY METAL ROCKERFLEX STRIP			
MAX FLEX 12 - DIN	FCCF006	\$12.00	PR
TOE AND HEEL HOUSING CONNECTED BY METAL ROCKERFLEX STRIP	<b>C!</b>		
FULL ACTION RFX AFD	FCHF005	\$8.50	PR
			<u> </u>
XELIUM / XPRESS KIT	FCCF001	\$3.50	кіт
JR AFDS			
DESCRIPTION		PRICE	QTY
XELIUM KID / XPRESS KID	FC0F026	\$2.50	PR
19/20 - OR OLDER KID X	$\bigcirc$		
COMP J (TEFLON) FDC JR	FC6F068	\$2.50	PR
COMP J COMP KID SAPHIR 45 TEAM 4	1		
JR ADAPTER KIT	FC6F002	\$10.00	PR
INCLUDES: • 2 SHUTTLES • 2 AFDS AFD'S SAY "JUNIOR" NO SCREWS	Ð	3	

DESCRIPTION	ITEM #	PRICE	QTY
4 SCREW (TRIANGLUAR END)	FC6F066	\$7.50	PR
WTPI2			
ТРХ	10		
TPI2			
	FC4F014	\$7.00	<u>  אר</u>
	157		
HOLE IS BETWEEN REAR SCREWS NOT THE TAB	444		
	ECZEDDE	¢5 50	
	FC/F005	\$5.50	
FLAT MOUNT			
TPI2		4 P	
FLUID			
WTR / GRIPWALK	[®] AFDS		
DESCRIPTION	ITEM #	PRICE	QTY
DUAL SLIDING AFD	FCEF003	\$8.00	PR
AXIAL 3 DUAL			
FKS DUAL			
	Contraction of the local division of the loc		
	FCFF008	\$6.50	PR
		\$0.00   <b> </b>	· · ·
		B.	
SPA 12 AW KONECT		2	
NX 12 AW KONECT			. <u> </u>
GRIPWALK®	FCHF004	\$7.50	PR
19/20 - OR NEWER			
PIVOT 12/14 GW			
NX 12 GW			
KONECT (GRIPWALK®)	FCIF011	\$5.00	PR
SPX KONECT GW	-		<b></b>
NX KONECT GW	<b>H</b>	1	
PIVOT 18 & 15 GRIPWALK®	FCIF010	\$9.50	PR
			•
STANDARD AFD TO A GW AFD			
LONGER SCREWS WILL BE REQUIRED			
JR AFD'S			07.4
		PRICE	QTY
FDC TOE GW AFD	FCJF002	\$5.00	PR
20/21 - OR NEWER			
NX 10 GW			
NX 7 GW			
	EC IE002	\$2 50	DD
		φ <u>2.50</u>	וית
20/21 - UN NEWER LEAW 4		<b>1</b>	
	113×1	0.0	
KID 4 GW AFD	FCJF004	\$1.50	PR
20/21 - OR NEWER KID X	A 1	_ · · · ·	L
		-	
CHILDREN BOOT ADAPTER KIT	FCJF001	\$10.00	PR
	~ ~		<b></b>
20/21 - OR NEWER JR CONVERSION KIT			
	76 a		

## **INDICATOR WINDOWS**

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MODEL	INDICATOR RANGE	WINDOW	ITEM #	рното	MODEL	INDICATOR RANGE	WINDOW	ITEM #	рното	
XPRESS 7 GW	2-7	HEEL	FCCF003	1110 Training	PIVOT 12 GW	4-12	TOE	FCFF009		
XPRESS 10 GW	2.5-10	HEEL	FCCF004		PIVOT 14 GW	5-14	TOE	FCFF009	J.	
XPRESS 11 GW	3.5-11	HEEL	FCCF005	Herry Barada	PIVOT 2.0 15 GW		TOE	FVLF019	0	
						PIVOT 2.0 15 GW	6-15	FOIL	F) (1000	LOOK
		TOE	FCFF009	CFF009				INSERT	FVIMOO9	U
SPX 12 GW / Konect / Metrix	3.5-12	HEEL	FCGF004	PIVOT 2 0 18 GW		9 19	TOE	FVLF019	0	
		TOE	FCFF009				FOIL RANGE INSERT	FVMF008	Look B	
SPX 13 GW	4-13	HEEL	FVNF001	no photo available	SPX 15	7.45	TOE	FVLF019		
SPX 14 GW /	5 14	TOE	FCFF009	<b>S</b>	RockerRace	7-15	FOIL RANGE INSERT	FVMF007	LO Sers	
RockerRace	3-14	HEEL	FVLF021	0	PX 18	10-18	TOE	FVLF019		
					RockerRace	10-10	FOIL RANGE INSERT	FVMF006	LOOK BR	

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MODEL	INDICATOR RANGE	WINDOW	ITEM #	рното
NX 9 GW / IRS	2.5-9.5	HEEL	FC8F005	11114 11114
NX 10 GW	3-10	HEEL	FC6F129	AKAS
NX 11 GW	3.5-11	HEEL	FC3F034	no photo available
NX 12 GW /	35 12	TOE	FCFF009	E)
NX 12 GW / Konect	3.5-12	HEEL	FC6F123	\$7176 \$1224

## WARRANTY FAQS

## TO SUBMIT A WARRANTY CLAIM, EMAIL 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 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**

# /GROSSIGNOL

## ROSSIGNOL GROUP DEALER WARRANTY CLAIM FORM

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Dealer Information
Shop Name:
Dealer Account #:
Shop Phone #:
Shop Address:
Contact Name:
Contact Email Address:
Customer Information
First Name:
Last Name:
Product Information
Product Category:Select One
Brand:Select One
Model:
Size:
Model Year:
Claim Description:
Product Photos – Email photos to uswarranty@rossignol.com and note the following
Photos must clearly show the entire product for product verification.
Photos must clearly show the damaged area.
Date of Purchase:
Original Owner? YES O NO O

Proof of Purchase – Email uswarranty@rossignol.com a copy of the customers proof of purchase and note that it is required for warranty eligibility.



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 RETUR	NED FOR SERVICE OR WARRANTY CONSIDERATION

SHOULD BE RETURNED TO THE FOLLOWING ADDRESSES:

<u>USA:</u> 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: Group Rossignol USA, Inc. 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: Groupe Rossignol Canada Inc. 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