

2024/25



TECH MANUAL ALPINE



ENGLISH



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GENERAL INFORMATION

ATOMIC LIMITED WARRANTY POLICY

Thank you for buying this ATOMIC product.

ATOMIC distributes its products through its worldwide network of authorized ATOMIC distributors and retailers.

You will find below all ATOMIC warranty policy details offered by ATOMIC and ATOMIC authorized retailers.

This warranty policy is valid as of December 2nd 2015.

I. LIMITED WARRANTY

ATOMIC provides this warranty to consumers who purchased ATOMIC product (Product(s)) from ATOMIC or one of its authorized retailers. ATOMIC warrants all new Products to be free from manufacturing or material defects (Defects) for the Warranty Period as defined below. This warranty applies only against Defects discovered within the Warranty Period and extends only to the original purchaser of the Product. ATOMIC Products meet their description and specifications; it is your responsibility to ensure that the Products you purchase are designed for your intended use.

This warranty is valid and enforceable only in the country where the Product was purchased by the original purchaser, provided that ATOMIC has intended that the Product be offered for sale in that country. This warranty is also enforceable in any country within European Economic Area where ATOMIC has an authorized importer, subsidiary or distributor. Please refer to the ATOMIC authorized retailers list. Depending on the country, particular and variable warranties may apply in relation to applicable legislation. Nothing in this warranty policy can exclude or limit these statutory provisions.

Warranty Period

The Warranty Period starts on the date of the retail purchase of the Product by the original purchaser. The Product may consist of several different parts and different parts may be covered by different Warranty Periods (please refer to the Warranty Periods below for all warranties that may apply to your Product).

The Warranty Periods are:

- a. Three (3) years for winter sports trousers and jackets
- b. Two (2) years for all other Products

To the extent permitted by national laws, the Warranty Period will not be extended, renewed or otherwise affected due to subsequent resale, repair or replacement of the Product.

However, part(s) repaired or replacement Product(s) issued during the Warranty Period will be warranted for the remainder of the original Warranty Period only; provided, such replacement or repair has been performed by ATOMIC or an authorized ATOMIC retailer.

Depending on the country, particular and variable Warranties Periods may apply in relation to applicable legislation. Nothing in this warranty policy can exclude or limit such legislation.

II. CONDITIONS AND RESTRICTIONS

This Limited warranty does not cover:

- a. Normal wear and tear of the Product
- b. Defects caused by the Transportation (other than the initial delivery from ATOMIC to the purchaser) or storage of the Product
- c. Defects or damage caused by improper use or poor maintenance
- d. Damages due to non observance of the instructions of the products owner manual
- e. Damages due to the modifications of the Product
- f. Any impact caused by sharp or hard items or objects, due to torsion, compression, a fall, an abnormal impact or other actions not under ATOMIC's reasonable control.

This limited warranty is not enforceable if:

- a. The Product has been modified or repaired by any person or entity other than ATOMIC or an authorized ATOMIC retailer
- b. The Product has been repaired with unauthorized spare parts
- c. The Product serial number has been removed, deleted, altered or made illegible.

III. WARRANTY ENFORCEMENT

ATOMIC or its authorized retailer shall at its sole discretion either (a) repair the Product or (b) replace the Product at no charge. The appropriate remedy will be determined by ATOMIC based upon the following considerations: (a) the value of the Product with no Defect, (b) the significance of the Defect, and the inconvenience each remedy would place on the original purchaser. ATOMIC agrees that all repair or replacement of the Product will occur within a reasonable period

For all warranty claims, please submit the Product and the proof of purchase to the nearest authorized ATOMIC retailer or in the event you purchased the Product on ATOMIC Online Store, please contact Customer Service.

For all warranty claims, please refer to the FAQ/RETURN POLICY available on: www.ATOMIC.com

IV. DISCLAIMER AND LIMITATION OF LIABILITY

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE MANDATORY LAWS, THIS LIMITED WARRANTY IS YOUR SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. ATOMIC SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED BENEFITS, LOSS OF USE, LOSS OF REVENUE, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, CLAIMS OF THIRD PARTIES, DAMAGE TO PROPERTY RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY LEGAL OR EQUITABLE THEORY, EVEN IF ATOMIC KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. ATOMIC SHALL NOT BE LIABLE FOR DELAY IN RENDERING WARRANTY SERVICE.

BINDINGS



IMPORTANT NOTICE – ATOMIC BINDING UPDATE

In 2008, Atomic announced a recall of certain bindings manufactured between 1998 and 2002. The bindings subject to this recall are now 12-16 years old. These bindings have been removed from 2013 Binding Indemnification List, as the bindings are beyond their useful life. This removal is consistent with Atomic's policy on Binding Indemnification. No other bindings from 2002 or earlier are recommended for service on the Binding Indemnification List.

In summary, skiers are best served when they are encouraged to stop using bindings that are deemed beyond their usable life by Atomic USA, or bindings which show excessive wear.

Models named "RACE 10.18" and "6.14" are the only models that have been produced over a period of time which allows some vintage to be on the list of indemnified bindings, and others that have been removed from the list. For these models, dealers **should refer to the included color poster (shown on the inside back cover of this document)** to identify the cosmetics that are still covered under the list of indemnified bindings. If the dealer encounters a version of the "Race 10.18" or "6.14" that is not on the attached color poster, then Atomic recommends that binding should be replaced by the skier for his/her maximum safety, and should not continue to be serviced by the dealer.

If consumers have additional questions regarding the recalled bindings which are no longer recommended for use due to their age, then please direct them to Atomic's toll-free Recall Hotline at (888) 535-7555 between 8 a.m. and 4 p.m. MT Monday through Friday; e-mail

consumerserviceUS@atomicsnow.com

 **ATOMIC**

IDENTIFYING INDEMNIFIED ATOMIC RACE MODELS

Atomic Bindings Not Subject to the Recall of Older Race 6.14 and Race 10.18 Models

The following images are meant to help identify the recent models of Atomic Race 4.12, 6.14 and 10.18 bindings which are not subject to the recall announced in 2008. The following models are therefore included on the 2013/2014 Schedule of Indemnified Bindings.

 RACE 4.12 and 6.14 2004-2005 and 2005-2006	 RACE 10.18 2004-2005 and 2005-2006
 RACE 4.12 and 6.14 2006-2007 and 2007-2008	 RACE 10.18 2006-2007 and 2007-2008
 RACE 4.12 and 6.14 2008-2009 thru 2010-2011	 RACE 10.18 2008-2009 thru 2010-2011

Atomic recommends that versions of "Race 10.18" or "6.14" bindings not appearing on this poster should be replaced by the skier for his/her maximum safety, and should not continue to be serviced by the dealer. Additional questions regarding the recalled bindings which are no longer recommended for use due to their age, may be directed to Atomic's toll-free Recall Hotline at (888) 535-7555 between 8 a.m. and 4 p.m. MT Monday through Friday; e-mail consumerserviceUS@atomicsnow.com

ALPINE BINDING LIABILITY INDEMNIFICATION

THE CHANGES TO OUR 2022-23 BINDING INDEMNIFICATION LIST REFLECT ATOMIC USA'S POSITION REGARDING DISCONTINUATION OF SERVICE ON ANY BINDINGS WHICH ARE BEYOND THEIR USABLE LIFE.

Each year, Atomic USA reviews its Binding Indemnification List.

New models are added, and in some instances, older models are removed from the list.

Older models are dropped to enhance the safety of skiers, and to encourage skiers not to use aged binding for longer than their reasonably useful life.

In summary, skiers are best served when they are encouraged to stop using bindings that are deemed beyond their usable life by Atomic USA, or bindings which show excessive wear.

HOW TO READ THE LIST:

XXXX: New models

XXXX: Current season model

XXXX: *less than 10 years old model*

2024/25

E Mi 12 GW

N ICON 10 GW

N ICON 12 GW

N ICON 12 RS

N ICON 16 RS

N S/LAB SHIFT² 13 MN

N S/LAB SHIFT² 10 MN

NR S/LAB SHIFT² 10 MN DEMO

E M 10 GW

L C 5 GW

L L 6 GW

N BACKLAND PURE

N BACKLAND TOUR

NI COLT 7 GW

N COLT 7 GW

N COLT 5 GW

NR WARDEN 13 MN R

I X 12 VAR

X X12 GW

N STRIVE 16 MN

N STRIVE 14 GW

NR STRIVE 13 GW R

NR STRIVE 11 GW R

NY ICON 30

NY ICON 24

N BACKLAND SUMMIT 12 BR

N BACKLAND SUMMIT 12 LSH

N BACKLAND SUMMIT 9 BR

N BACKLAND SUMMIT 9 LSH

N REFURBISHED BACKLAND

SUMMIT 9 BRAKE

N BACKLAND SUMMIT 5 BR

N STRIVE 14 MN

N STRIVE 12 GW

N STAGE 10 GW

E M 12 GW

LAST YEAR PROD. 2023/2024

N SHIFT 10 MN

N SHIFT 13 MN

N WARDEN 11 MN

NR MERCURY 10 GW R

N STH 16 MN

N WARDEN 13 MN

NI COLT 10

NI COLT 12

I X 16 VAR

2022/2023

N STAGE 11 GW

NR COLT 5 GW R

NR LEISURE 6 GW R

I X 20

X X14 GW

E M 11 GW

E F12 GW

NR Warden 11 MNC R

2021/2022

N STH2 WTR 13

I X 19 MOD

2020/2021

E FT 10 GW

N C 5

N STH2 WTR 16

D W13 MNC

I X19 VAR

N COLT 10

N Z 10

E L 10 GW

N COLT 12

2019/2020

NR L 10 GW

E FT 12 GW

N Z 12

E FT 11 GW

E L 7

N L 7

X 12 TL OME

H C 5 SR

M XT 12

E MERCURY 11

E LITHIUM 10

<2018

X 14 TL RS OME

M XT 12 Ti

NR LITHIUM 10 EZYTRAK

NR L 7 EZYTRAK

E C 5

NR C 5 EZYTRAK

N TRACKER MNC 16

N TRACKER MNC 13

N WARDEN 11

K XTO 12

K XTO 10

E XTE 10

E XTE 7

N EVOX 045

N FFG 12

N FFG 10

N FFG 7

NR FFG 12 ++

NR XTE 10

NR XTE 045 ++

NR XTE 7 ++

M XT 10 Ti

D WARDEN MNC 13

NR FT 11 GW EZY3

CODIFICATION (NEW)

ALL ATOMIC BINDINGS FOLLOW THE SAME NAMING RULES:

N	C	5	GW
COMPATIBILITY	PRODUCT NAME	DIN VALUE	STANDARD

Atomic uses various interface letters to identify the interface compatibility between skis and bindings.

- Each pair of **system** skis comes with an interface letter : E / X / L / A etc. matching with the corresponding **system** bindings.

Examples: X REDSTER S9 REVOSHOCK S + X X 12 GW
E CLOUD C9 LT + E M 10 GW

- Flat **“naked”** skis all come with N as their interface letter, and can be mounted with either flat **“naked”** bindings (interface letter = N) or **“naked rental”** bindings (interface letter = NR).

Examples: N BENT CHETLER 120 + N STRIVE 14 GW
N BACKLAND 100 + N SHIFT 13 MNC
N MAVERICK 88 TI + NR STRIVE R 13 GW

PREPARATION

Proper procedures for a certified technician to follow while mounting and adjusting Atomic Bindings. Therefore, rental bindings can be shipped without instructions or individual packaging. However, if these products are in fact sold, you absolutely have to supply your customer with the appropriate instructions. Upon request, Atomic will supply you with a document containing important information. The seven important steps to installing and adjusting are :

1. Preparation
2. Installation
3. Binding-to-boot adjustment
4. Release value selection and adjustment
5. Final check and system inspection
6. Mechanical inspection
7. Skier instruction and Warning

LIST OF TOOLS AND ACCESSORIES THAT ARE NECESSARY IN THE WORKSHOP

- | | |
|--|---|
| <ul style="list-style-type: none"> Technical manuals for Skis and Bindings Spare-parts catalogs Release adjustment table (DIN chart) + skier type Jigs (please consult spare-parts catalog for different references) Synchro measuring device, ref. 001189 Electric drill Drill bits (see on spare-parts catalog for different models) Adjustment tool (Atomic screwdriver), ref. 000902 Power screwdriver with torque release Posidrive® screwdriver 7mm, ref. 000862 | <ul style="list-style-type: none"> Tap, ref. 000816 Brace, ref. 000817 Repair kit (2 extractor bits and repair plugs), ref. 000878 Grease, ref. 000905 Glue, ref. 000811 4.5 diameter plastic plugs (different references depending on the color - see spare-parts catalog) Specific adaptations: (for the references see spare-parts catalog) |
|--|---|

Brakes

- carving (=long arms)
- wide brake

Plates

- For all other parts (such as AFD, housing, brakes, crews...), please consult your spare parts catalog.

VISUAL INSPECTION

BEFORE PERFORMING ANY ASSEMBLY OR ADJUSTMENT OF THE SYSTEM FOR THE CUSTOMER, A CAREFUL CHECK AND EVALUATION OF EACH SYSTEM'S COMPONENTS IS NECESSARY.

SKIBOOT

CHECK:

- the boot for any irregularity of the contact zones with the binding.
- the boot for excessive wear in the boot toe and heel area. Heel wear is acceptable as long as stepping into the binding is smooth and uninterrupted. The dimensions of the critical toe-interface areas should fall within the limits detailed in the ISO Standard they are compliant with (see BINDING TO BOOT ADJUSTMENT section).
- the boot sole in the heel area for cut outs that catch the treadle or impair the brake function.
- all boot components such as buckles, fitting devices or rubber inserts for proper function and condition.

Boots which do not meet these criteria should be repaired or replaced.

CHECK THE SKIS FOR:

- mounting screws protruding through the base.
- delamination of side walls and/or top layer.
- significant bends.
- condition of the edges and base.

BINDING

CHECK:

- if binding is on the indemnification list
- condition of the toe wings.
- contamination.
- condition of the AFD's. If they are not smooth or show signs of significant wear, they should be replaced.
- broken toe housings or toe wings.
- jammed toe height adjustment screws.
- indicator scales.
- heel track functioning smoothly.
- broken heel housing or heel lug.
- jammed release adjustment screws.
- bent brake arms

IMPORTANT: BE SURE TO REMOVE THE BRAKE RETAINERS FROM THE BINDINGS BEFORE ATTEMPTING TO ENTER A BOOT INTO THE SYSTEM; FAILURE TO DO SO CAN RESULT IN ADJUSTMENT ERRORS.

ADJUST BOTH BINDINGS TO THE ZERO POSITION BEFORE YOU BEGIN ADJUSTING THE SYSTEM.

FINAL CHECK / TESTING AND ADJUSTMENT

The final check acts as a quality control of your system assembly.

Verify that:

- all components are suitable and compatible
- the bindings are aligned properly
- the mounting point is correct
- the VARIOZONE position is set to zero-all screws are tight and snug
- toe height and forward pressure are set correctly.
- the release setting is made correctly according to the Adjustment Chart.

To guarantee the best possible quality function of the skiing equipment before delivery to the customer, a final testing of the system is required for new equipment as well as for used equipment, or whenever an operation conducted may have affected the release values of the system.

- Using a calibrated testing device, according to its instructions for use, exercise each binding component at least once in each possible direction. Then measure the twist and forward lean torque values. Use the middle quantitative value of three releases in each direction as test result.
- Compare the test results with the skier's Reference Torque Value in the Adjustment Chart and proceed as follows:
- Check, that the measured values fall inside the limits of the "Inspection Range". The Inspection Range is from one Reference Torque Value above to one Reference Torque Value below the skier Reference Torque.
- If the tested values for clockwise and counter-clockwise toe-release fall near the opposite limits, there may exist an installation error or an incompatible boot. Check the system again and re-test, after the problem has been fixed.
- If both, twist and forward lean results, fall within the Inspection Range, mark the corresponding cells on your Workshop-Form with "pass".
- If at least one of the twist or forward lean release value test results falls outside the "Inspection Range", but is within the "In-Use-Range", readjust the indicator setting of the corresponding component to achieve a test result as practicable to the Reference Torque Value. The "In-Use-Range" is from two Reference Torque Values above to two Reference Torque Values below the skier Reference Torque. If the measured values still fall outside the "In-Use-Range", the system should be considered unusable and no further adjustment should be performed.

INSTRUCTIONS AND WARNINGS TO THE SKIER

Advice for your customer to select an appropriate model is a very important service of the shop. The recommendation should aim for a binding, for which the customer's recommended indicator setting of the bindings is not closer than 1.5 indicator numbers from either end of the binding's range. The final and one of the most important procedures before delivering the system is to provide the skier with all necessary instructions and warnings, when he/she picks up the equipment.

BINDINGS

- Explain how the system works and what function the bindings have.
- Explain the different possibilities of stepping in and getting out of the binding.
- Demonstrate how to separate the skis by sliding one ski in the direction of the ski tip and pulling both skis gently apart.

ADJUSTMENT

- Check together with the customer the release adjustment settings by verifying the data listed on the workshop form. The skier should always be aware of his/her individual indicator value.
- Point out the potential danger of self-readjustment.

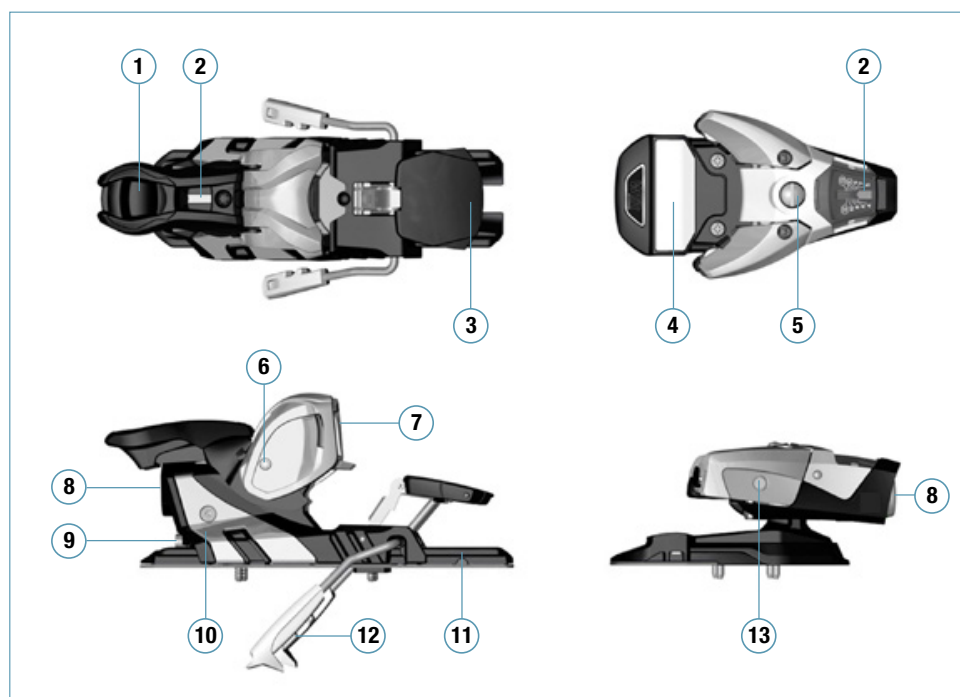
MAINTENANCE

- Place emphasis on the skier's self-responsibility to maintain the equipment in good condition.
- Explain that the boots and bindings should be kept clean and that they should be always transported in a ski box or ski bag.
- Recommend having the bindings serviced regularly after 15-20 skiing days, or annually, whichever comes first.

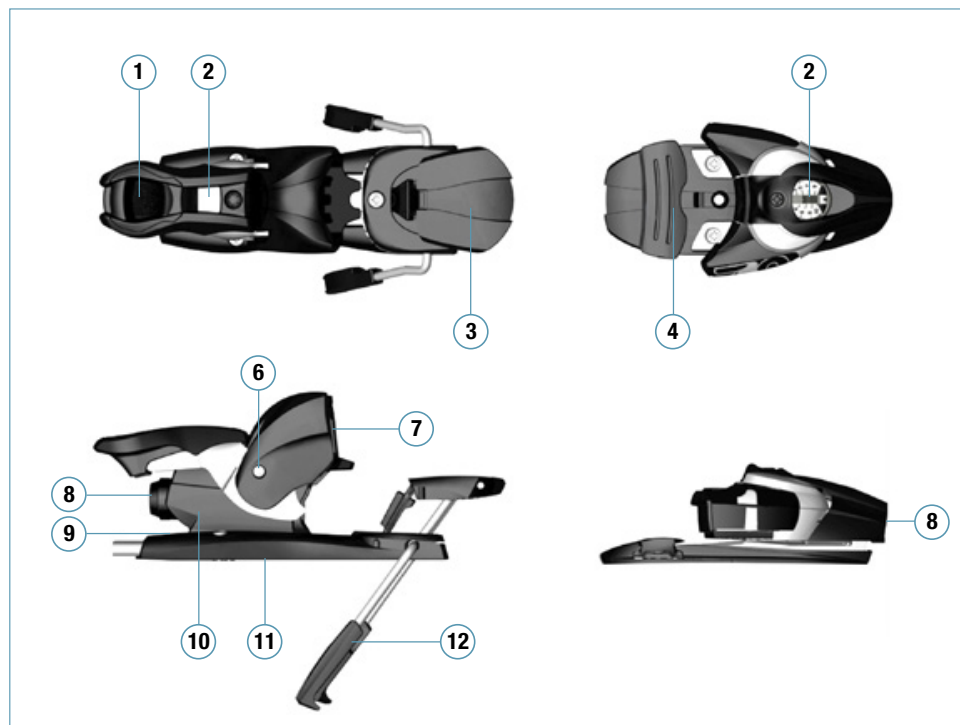
- Clearly express the significantly increased risk of injuries, when system components do not conform to standards, are worn out or out of order.
- Advise the skier to have his/her equipment checked by an authorised dealer immediately at the occurrence of any malfunction or problem.
- When having mounted new bindings, review the instructions for use together with the customer and hand them over to him/her.

- Repeat especially the warnings in these instructions, that skiing is not a risk less sport, and that bindings cannot protect skiers against same type of injuries, only reduce the risk of injuries.

GENERAL MOUNTING



1. Heel lever
2. Indicator window
3. Brake pad
4. AFD plate
5. Height adjustment screw
6. Heel cup axis
7. Heel cup
8. Release adjustment screw
9. Length adjustment
10. Heel housing
11. Heel plate
12. Brake arms
13. Wings toe adjustment



WARNING : A Atomic toe or heel may not be mounted with another manufacturer's toe or heel. Warranty are automatically voided for such mixed systems.

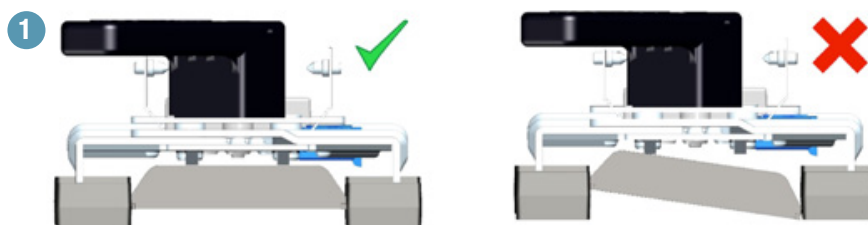
MOUNTING

MOUNTING BINDINGS

1. Remove shrink wrap from skis.
2. Drill the skis using the appropriate jig and drill bit as shown in the **chart opposite**. Make sure that the jig is parallel to the ski during the entire drilling process (**fig.1**).
3. Follow the ski and binding manufacturers' mounting instructions closely.

It is necessary to use Atomic glue.

OPERATION	SKI G1 – G2	SKI G3 – G4	SKI TOURING
Ø OF DRILL BIT	4,1 mm	3,6 mm	4,1 mm
TAPPING	NO	NO	NO
GLUE (put the glue at the bottom of the hole)	Atomic glue		
TORQUE	4 Nm	3 Nm For these skis, use a hand screwdriver only to tighten the screws on the bindings.	



SELECTING THE JIG

SYNCHRO CENTER AND SYNCHRO RENTAL BINDING

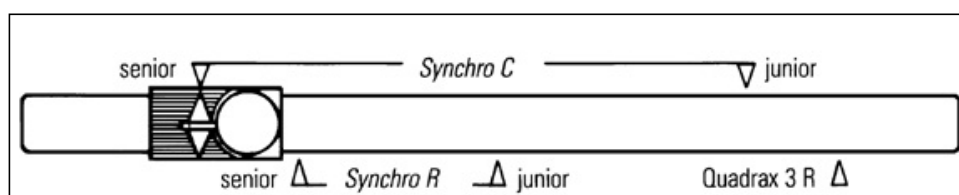
Ref.	Jigs	Skis Widths	Application
(001003) L00100300001 AZD000542	Rental Line Senior and Junior	56 mm <-> 99 mm	Synchro Center Adult - Synchro Rental Adult (Lenght drilling 9,5 mm) Z 12 - 10 SC L 9 - 10 SC & SR L 7 SC
(001040) L00100400001 / AZD000540		80 mm <-> 123 mm	(Lenght drilling 8 mm) L 7 SR Synchro Center Junior - Synchro Rental Junior (Lenght drilling 8 mm) T 5 SC - T 5 SR - C 5 SR

SYNCHRO RENTAL

A single mounting jig for Adult and Junior skis with the following positions:

Adults (sizes 22-34) for skis > 140 cm.

Junior (sizes 16-26.5) for skis 80-140 cm.

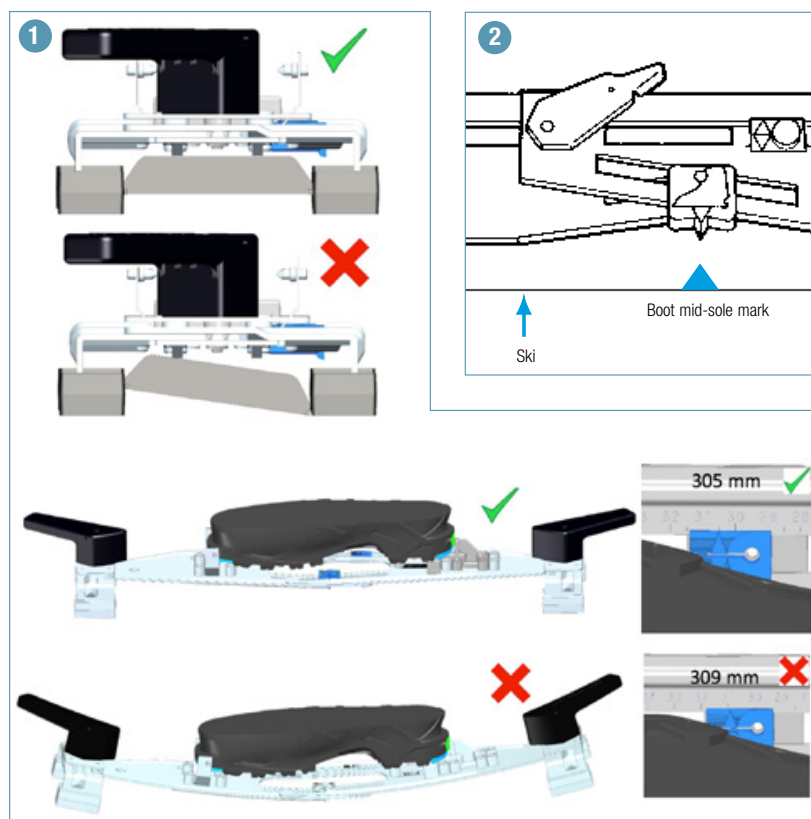


RENTAL BINDINGS					
JIGS POSITIONS L00100300001 / AZD000542 & L00100400001 / AZD000540	Colt 12 SC Colt 10 SC L10 SC L9 SC Colt 7 SC	L10 SR	Colt 7 SR	T5 SC	Colt 5 SR
Synchro C Senior	•				
Synchro R Senior		•			
Synchro C Junior				•	
Synchro R Junior			•		
Quadrax 3 R					•
Soles Length	260 mm <-> 382 mm	268 mm <-> 348 mm	230 mm <-> 308 mm	216 mm <-> 304 mm	190 mm <-> 246 mm

ALL OTHER BINDINGS

Ref.	Jigs	Skis Widths	Application
AZD000534 / L7840610001	N COLT 5 GW A&C, N COLT 5	56 mm <-> 99 mm	Junior (Length drilling 8 mm)
AZD000538 / L0011560001	N L7 / N COLT 7 • N COLT 7 GW • N Z10 / N COLT 10 • N Z12 / N COLT 12 •	56 mm <-> 99 mm	Senior (Length drilling 9,5 mm)
L0011570001 / AZD000536		80 mm <-> 123 mm	Junior (Length drilling 8 mm)
L3086300001 / AZD000434 / RD0000130	NR FT11 GW EYZ3 • NR MERCURY R 10 GW • NR L10 GW • NR LITHIUM 10 EYZTRAK • NR L7 EYZTRAK • NR LEISURE R6 GW / NR L6 GW • NR COLT R5 GW / NR C5 GW • NR C5 EYZTRAK • STRIVE R11 & R13 GW	70 > 116 mm	Senior (Length drilling 9.5 mm)
L3267050001 / AZD000532	N TRACKER MNC 13 & 16	56 > 143 mm	Senior (Length drilling 9.5 mm)
L3298160001 / AZD000440 / RD0000132	N STH ² WTR 13 & 16 & STH ² MNC 16 • N WARDEN MNC 13 • STRIVE 16 MN	56 > 143 mm	Senior (Length drilling 9.5 mm)
L3910910001 / AZD000426 / RD0000126	N STAGE 10 & 11 GW • N WARDEN 11, N WARDEN MNC 11 • NR WARDEN MNC 11 DT / NR WARDEN R11 MNC • NR WARDEN MNC 13 DT / D WARDEN MNS 13 DT / D W13 MNC / NR WARDEN R13 MNC • STRIVE 12 & 14 GW / STRIVE 14 MN	56 > 143 mm	Senior (Length drilling 9.5 mm)
L3816250001 / AZD000428 / RD0000128	N BACKLAND PURE • N BACKLAND TOUR • N BACKLAND SUMMIT	56 > 143 mm	Senior (Length drilling 9.5 mm)
L1184730001	X12 VAR, X16 VAR, X19 VAR, X19 MOD, X20 EGA	60 mm <-> 86 mm	Senior (Length drilling 9.5 mm)
L3989470001 / AZD000424 / RD0000124	N SHIFT 10 & 13 MNC, SHIFT ² MN 10, 13 & 10 DEMO	56 > 143 mm	Senior (Length drilling 9.5 mm)

USING THE JIG



The main function of a jig is to insure that all holes for mounting the binding are drilled in the correct location.

See chart to select the proper jig.

1. Check that you have everything you need (the jig that corresponds to the binding, the right skis, the right boots).
2. Open the locking lever.
3. Open the jig by twisting both handles inward.
Place the jig in the right direction on the ski.
4. Place the jig on the ski and make sure that the jig remains properly aligned to the ski during the entire drilling operation (**fig.1**).
 - If the ski has a mid-sole mark, line up the mid-sole indicator on the jig with the mid-sole mark on the ski (**fig.2**).
 - If the ski has a tip-of-the-boot mark, line up the tip-of-the-boot indicator on the jig with the tip-of-the-boot mark on the ski.
 - If the ski has no visible markings for jig location, consult the ski manufacturer for proper mounting position.
5. Once the jig is well-positioned on the ski, it is important to adjust the jig to the correct boot length to make sure the heel piece is in the proper position.
6. Place the boot on the jig in the right direction.
7. Make sure the heel guide fits snugly against the boot heel.
8. Using the lever, lock the jig around the boot so it holds it without squeezing.

> > >



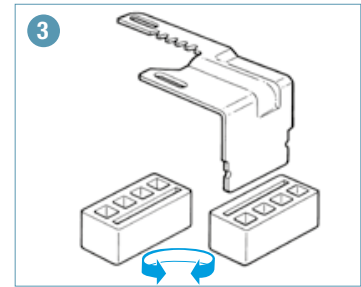
FAT SKIS

Refer to the spare parts catalog to know which jigs and brakes to use according to the different ski widths and binding models.

The reversible pads allow the jig to adapt to different ski widths (fig. 3).

Procedure for changing the pads to the other side:

1. Pull the pad off the arm of the jig.
2. Change the pad to the desired position.
3. Insert the pad into the arm of the jig.
4. Repeat this procedure:
 - On the other 3 arms for mounting the bindings symmetrically.



DRILLING

1. Follow the recommendations of the ski manufacturer for drilling and tapping. When in doubt about the ski's core composition, select a 3.6 mm diameter bit, and drill one hole to see if any metal comes in contact with the bit. If contact is made with metal, re-drill with a 4.1 mm bit.
2. Drill through the jig's proper bushings applying moderate downward pressure on the drill. Make sure that the countersink bevel on the drill bit has properly deburred the hole.
3. After drilling, turn the ski over and hit the base several times with the palm of your hand to remove any debris from the drilled holes.

DRILLING JUNIOR SKIS

- Use an 7.5mm length drill bit to mount the Junior bindings L 7, N Colt 7 GW, L 7 SR, T 5, T 5 SC & SR, C 5, N Colt 5 GW, C 5 SR – Easytrak Colt 7 & Colt 5, L L6 GW, L Colt 5 GW.
- Whenever junior bindings are mounted on adult skis, there is an increased possibility for binding pull-out due to poor screw retention. The penetration depth of junior screws into the ski core is only 6 mm.
- If necessary, use adult screws and drill bits to penetrate any mounting platform.
- (For bindings mounted with adult binding screws, the penetration depth is the same.)
- You must drill a hole deep enough to accommodate the screw length you are using or damage to the ski base may result.

TAPPING

Tapping is usually done when the binding screw will come into contact with metal or in the following cases:

- the material is too hard for a screw,
- when the screw insertion would distort or stress the material holding the screw,
- when recommended by the ski manufacturer.

Skis	Diameter	Length	Reference	Aspect
Junior Ski Group 3 & 4	4,1 mm	7,5 mm	L0008130001 AZD000508 RD0000164	
	3,6 mm	7,5 mm	L0008140001 AZD000506 RD0000166	
Adult Ski Group 1 & 2	4,1 mm	9,5 mm	L0008930001 AZD000502 RD0000170	
	3,6 mm	9,5 mm	L0008920001 AZD000504 RD0000168	

Failing to tap when necessary can result in top skin or sidewall delamination, broken screws or damage to the ski core.

To use a Atomic tap and brace:

1. Position the brace so that the tap goes straight into the drilled hole.
2. Apply only enough pressure on the brace to start the tap. The tap is a self-cutting tool and you have only to turn the brace for the tap to cut its own way into the core.
3. Make 3 1/2 turns.
4. After tapping, turn the ski over and hit the base several times with the palm of your hand to remove any shavings from the hole.

GLUE

Glue must be used when inserting binding screws to:

- lubricate the screw during insertion,
 - create a watertight seal.
- Place a drop of glue on the surface of each hole.

Caution: Atomic strongly recommends its own glue for Atomic skis.

MOUNTING

Follow the mounting procedure and also refer to the section "Special cases in mounting".

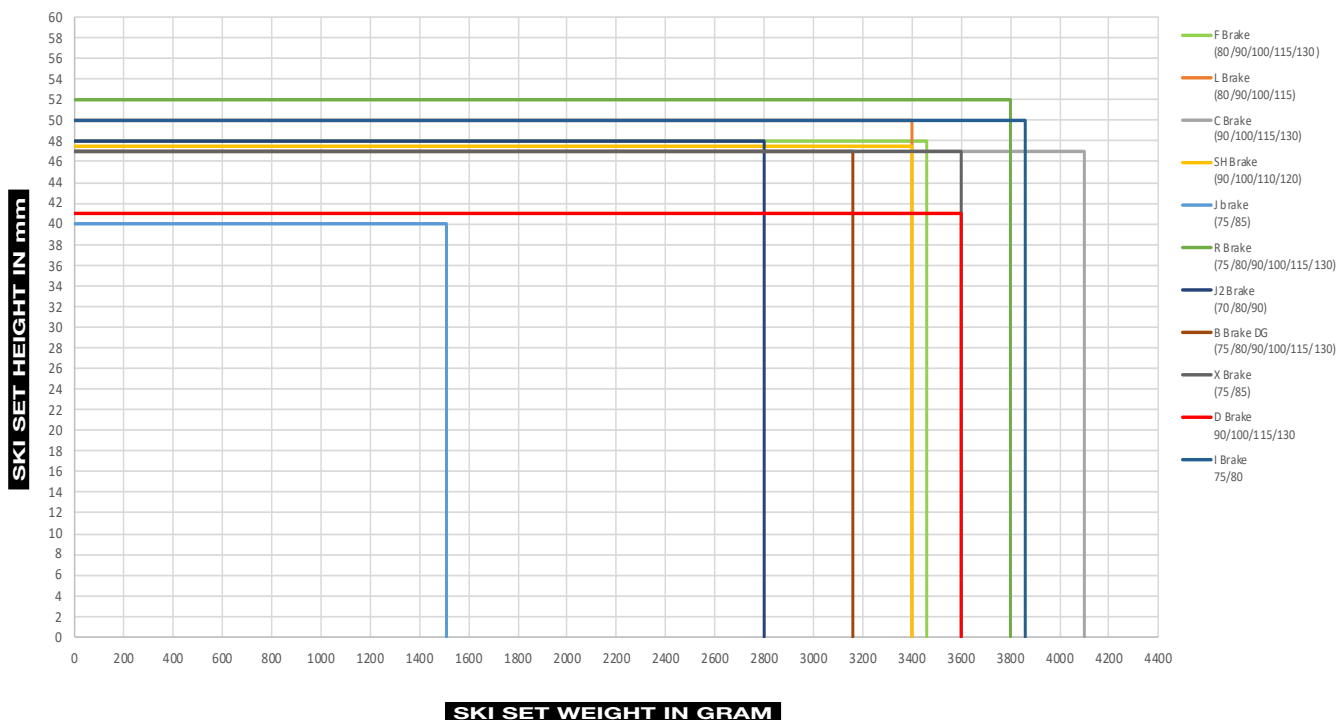
A Posidrive® n°3 screwdriver, not a Phillips, must be used to mount Atomic bindings. Consult the Atomic Spare Parts Catalog for reference on Atomic screws.

Caution: if a power screwdriver is used, adjust the clutch for the appropriate ski core construction (4 Nm maximum) to avoid stripping the threads.

It is advisable to hand check each screw after mounting.

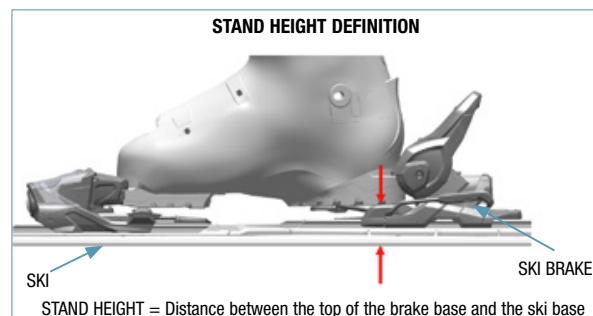
BINDING BRAKE MODELS BRAKING CAPACITY

THE BRAKING CAPACITY IS DEPENDENT ON THE WEIGHT AND THE HEIGHT OF THE SKI + BINDING SET.
PLEASE FIND BELOW THE BREAKING CAPACITY OF OUR DIFFERENT BREAKS COMPLIANT TO ISO 11087
AND CERTIFIED BY THE TUV ORGANIZATION.



This graph indicates for a ski set (1/2 pair ski + plate + binding), the maximum height and weight that the brake can accept. Failure to comply with these values reduces the braking and stopping capacity of your ski set in the event of loss of the ski during use. In the case of the ski set (ski/ski plate/ski binding combination) is out of the diagram range, please reduce the standing height or weight or choose another combination (ski / ski plate / ski binding). That combination comes into the specified limit values of the ski brake diagram.

BRAKE MODEL	BINDING COMPATIBILITY
F 80/90/100/115/130	E M12 GW, E F12 GW, N WARDEN MNC 11, NR WARDEN R11&R13 MNC, Mi 12 GW
L 80/90/100/115	N STAGE 10 & 11 GW, N WARDEN 11, NR WARDEN R11, E M10 GW, E M11 GW, E F11 GW, E L10 GW, LITHIUM 10, xNR MERCURY R10 GW, NR STRIVE R11 GW & N STRIVE 12 GW
C 90/100/115/130	TRACKER WTR & MNC, STH2 WTR & MNC, WARDEN MNC 13, M XT12, M XT10, N STRIVE 16 MN
SH 90/100/110/120	N SHIFT MNC 10 & 13, SHIFT² MN 10, 13 & 10 DEMO
J 75/85	N COLT 5 GW A&C, N COLT 5, L C5 GW, NR COLT R5 GW
J2 70/80/90	L L6 GW, NR LEISURE R6 GW
R 75/80/90/100/115/130	STH DRIVER
B 75/80/90/100/115/130	N COLT 7 GW, N COLT 7, N COLT 10, N Z10, N COLT 12, SMARTRAK
X 75/85	X12 TL GW, X14 TL GW
D 90/100/115/130	STRIVE R13 GW, N STRIVE 14 GW & N STRIVE 14 MN
I 75/80	ICON 10 & 12, ICON RS 12 & 16

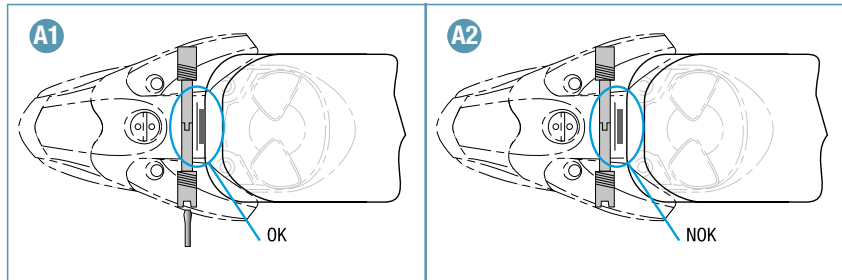


ADJUSTING

Once the binding has been mounted, it is necessary to make the proper binding-to-boot adjustments. All Atomic bindings may be closed manually by simply lifting the heel lever. Adjustments must be re-checked every time boots are changed. Use the following procedure.

WING ADJUSTMENT

- 1. Manual adjustment (fig. A1):** only one adjustment screw, which is located on the left side of the toe piece.
 - Place the boot in the binding (closed position).
 - Loosen the micrometric screws to loosen the wings.
 - Check that the tip of the boot sole is flush against the butt plate (fig. A2).



This contact is made when the boot has lateral play. Do not over tighten, the boot may no longer be centered.

- 2. Automatic adjustment:** the wings on the toe cup are self-adjusting.

TOE HEIGHT ADJUSTMENT

- With the boot in the binding, raise the toe by turning the adjustment screw, located on top of the toe piece, counter clockwise.
- Pull the boot back to create a gap between the boot sole and the binding AFD.
- Lower the toe height by turning the adjustment screw clockwise to obtain the recommended gap (see the following chart (fig. B1-B2)).
- For models with automatic wing and automatic height adjustments: make forward pressure adjustment only. See instructions in following chapters.

Note: Always check the forward pressure after making toe adjustments.

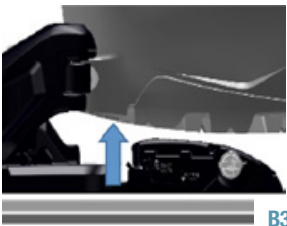
	MODELS	WING ADJUSTMENT	TOE HEIGHT ADJUSTMENT	
	STH² WTR 13 & 16 STH² 16 MNC TRACKER WTR & MNC 13 & 16 WARDEN 13 MNC & WARDEN R13 MNC WARDEN 11 & WARDEN R11 WARDEN MNC 11 WARDEN R11 MNC STRIVE 14 & 16 MN	 B1	simultaneous	Manual Thickness of the mounting instruction sheet
	COLT 5 GW - L6 GW COLT 7 GW - L10 GW COLT 10 GW - Z11 GW COLT 12 GW M10 GW - M11 GW M12 GW, Mi 12 GW, N STAGE 10 & 11 GW COLT 5 - COLT 7 - L10 LITHIUM 10 MERCURY 10 & 11 COLT 10 - COLT 12 - Z14 STRIVE 12 & 14 GW STRIVE R11 & R13 GW	 B2	automatic	automatic

BINDING AFD HEIGHT ADJUSTMENT

With the boot in the binding, raise the AFD plate by turning the adjustment screw, located on the side of toe base plate, counter clockwise.

- Pull the boot back to create a gap between the boot sole and the binding AFD pedal.
- Go up the AFD plate height by turning the adjustment screw clockwise to obtain the recommended gap (see the following chart (fig. B3)).

Note: Always check the forward pressure after making toe adjustments

	MODELS	WING ADJUSTMENT	AFD PLATE ADJUSTMENT
S LAB SHIFT MNC 10 & 13, SHIFT² MN 10, 13 & 10 DEMO		automatic	Manual Thickness of the mounting instruction sheet

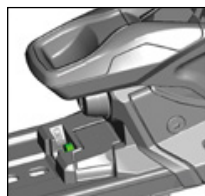
FORWARD PRESSURE ADJUSTMENT

> WITH TOOL LESS AND TAB ADJUSTMENT

With the boot in the binding (closed position), make sure the arrow. The extremity of the tab for the version without arrow, line up within the scribed area of the heel housing.

If this adjustment is incorrect, remove the boot from the binding, lift the adjustment tab to slide the heel into the desired position. Re-insert the boot to check the adjustment.

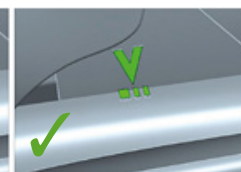
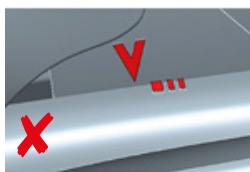
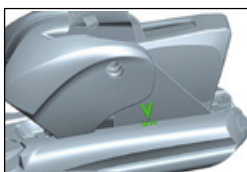
XT12, XT10,
WARDEN R13 MNC 13,
WARDEN 11 MNC,
WARDEN R11 MNC 11.
LEISURE TRAK WITH M10 GW,
M11 GW,
EASYTRAK WITH LITHIUM 10,
MERCURY 10 & 11,
Z11 WALK/GW, Z12 WALK/GW,
Z10 GW, L10 GW, M12 GW,
STRIVE R11 GW, STRIVE R13 GW,
MI 12 GW



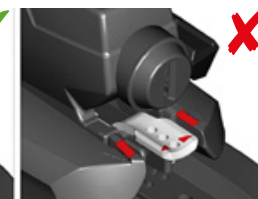
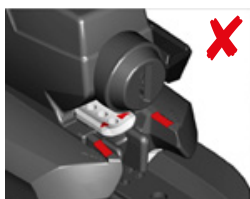
EASYTRAK WITH
E C5, E L7, E L10, L L6 GW,
L C5 GW



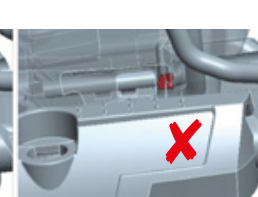
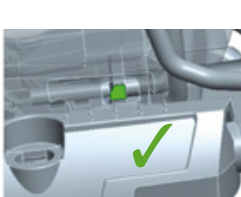
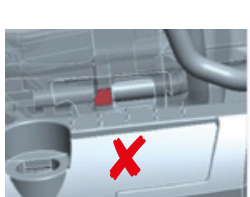
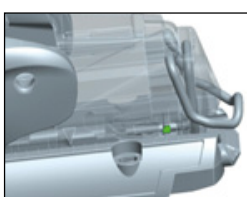
SMARTRAK



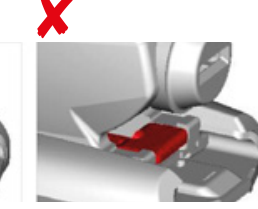
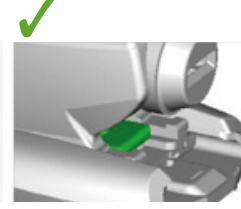
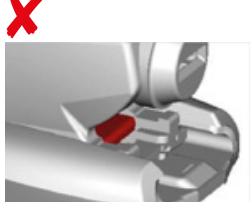
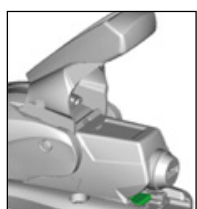
LIGHTRAK



RENTAL SC & SR



L & Z MODELS :
N L7/N COLT 7,
N COLT 7 GW,
N L10,
N Z10/ N COLT 10,
N Z12/N COLT 12



JUNIOR BINDING
N C5,
N COLT 5 GW A&C



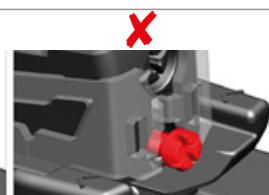
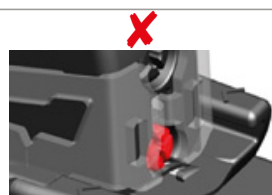
> WITH SCREW ADJUSTMENT

With the boot in the binding (closed position), adjust the forward pressure to align the top of the head screw with the back of the heel part. Please refer to the following examples below to know exactly how to control it.

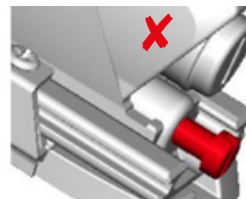
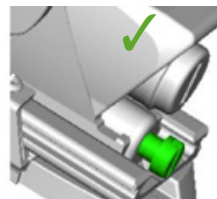
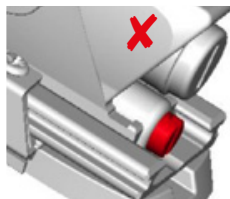
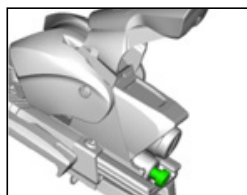
X16, X12, X12 TL,
X12 TL GW,
X14 TL GW,
N STAGE 10 & 11 GW,
TRACKER MNC,
WARDEN13 MNC,
STH2 WTR,
STH² MNC,
STRIVE 12 & 14 GW,
STRIVE 14 & 16 MN,
ICON 24 & 30,
ICON 10 & 12,
ICON RS 12 & 16



X19,
X20



STH



SHIFT MNC 10 & 13,
SHIFT² MN 10, 13 & 10 DEMO



BOOTS & BINDING COMPATIBILITIES

BOOT INSPECTION

Most boots are manufactured in accordance with the ISO 5355 standard specification for «Alpine» ski boot dimensions.

Some boots are manufactured in accordance with the ISO 23223 standard specification for «GRIPWALK» ski boot dimensions.

Most alpine touring boots are manufactured in accordance with ISO 9523 standard specification for «Alpine Touring» ski boot dimensions.

These standard norms concern not only the shape and dimensions as illustrated below, but also the friction coefficient of the area of the sole which is in contact with anti-friction plate on the binding. These standards help to ensure

compatibility with the binding, according to ISO 9462 and ISO 13992.

Alpine norm ISO 5355: Designed for use with a pair of classic skis with alpine bindings and not with a monoski, snowboard or skiboard.

GRIPWALK norm ISO 23223: Designed for use with GRIPWALK bindings and not with a monoski, snowboard or skiboard.

Touring norm ISO 9523: Designed for use with touring bindings, and not with alpine bindings, monoski, snowboard or skiboard.

It is the skier's own responsibility if (s)he chooses to take the additional risks.

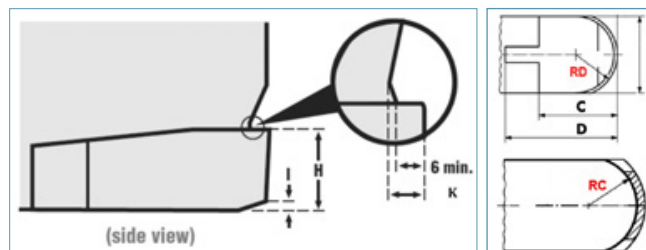
Your ski boots must be assembled, adjusted, and checked by an authorized dealer.

BOOT MODIFICATION

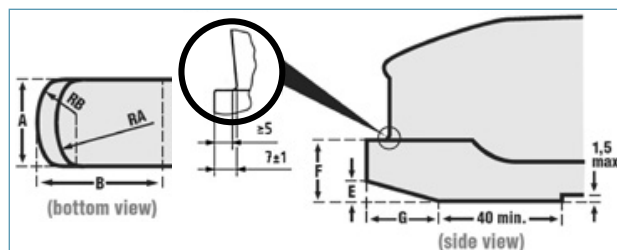
Any performance or fit modification of a boot that could effect the function between the boot and binding should be inspected to verify that the boot meets Standard Alpine Boots Norms and Touring Boots Norms. Mechanical inspection is recommended after any such modification.

STANDARD BOOT SOLE DIMENSIONS

BOOT HEEL



BOOT TOE



LEGEND (measurements in mm)

	ALPINE ADULT BOOT DIN - ISO 5355	ALPINE CHILDREN BOOT DIN - ISO 5355	TOURING ADULT BOOT DIN - ISO 9523	GRIPWALK ADULT BOOT DIN - ISO 23223	GRIPWALK CHILDREN BOOT DIN - ISO 23223
A	69 ± 2	62 ± 2	71 ± 6	69 ± 2	62 ± 2
B	70	65			
C	70	50	≥ 70	≥ 70	≥ 70
D	100 (L<300mm) 120 (L ≥300mm)	80 (L<240mm) 90 (L ≥240mm)			
E	5 ± 1	3 ± 1	5 ± 1		
F	19 ± 1	16.5 ± 1.5	28 ± 3	19 ± 0.75 (measured at 34mm from toe)	16.5 (+1 -0.5) (measured at 34mm from toe)
G	30 ± 2	25 ± 2	40 ± 10	< 23	< 23
H	30 ± 1	27.5 ± 2	32 ± 2	30.5 (+ 2 -1) (measured at 50mm from heel)	28 ± 1 (measured at 50mm from heel)
I	4 ± 1	3 ± 1	4 ± 1	4 ± 1	3 ± 1
K	8 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1
RA	41.5 ± 3.5	35 ± 3		41.5 ± 3.5	35 ± 3
RB	18 ± 1.5	16 ± 2		18 ± 1.5	16 ± 2
RD	36.25 ± 0.75	34.5 ± 1		36.25 ± 0.75	34.5 ± 1.5
RC	35 (+6 -2)	27 ± 3		35 (+6 -2)	27 ± 3

BOOT TO BINDING COMPATIBILITY

Before drilling the ski, be sure the boot you are using is compatible with the binding.

Only boots that conform with applicable standards may be used with Atomic bindings.

If a boot sole is warped, worn or improperly canted, such that there is more than a 1 mm difference in sole flatness measured across its width, the boot is incompatible.

OTHER COMPATIBILITY PROBLEMS YOU MAY ENCOUNTER

- Boot manufacturers who display on the boot one of the following markings: DIN or ISO, guarantee that they use standard norms. In the absence of any of these, check first with the boot manufacturer.
- Cut-outs in the boot sole that prevent the brake from engaging properly.
- Excessive ramping or wear of the boot sole at the point where it contacts the binding. Any wear that inhibits binding function is excessive.

When in doubt, replace the boot.

- Tread, grid pattern or insignia present in the AFD area of the boot sole. This area must be flat over its entire surface.
- Non-compatible boot sole composition. Low-grade thermoplastic (T.P.) boots may not be used with Atomic bindings. If you are uncertain as to the quality of the boot sole material, perform the Clean vs. Lubricated Test.

Recent ski boots have markings based on logos and letters that let you know which standard and binding type the ski boots are compatible with, ensuring the suitable level of safety and performance. Please refer to the table below to determine which ISO standard and type of ski boot your Atomic bindings are compatible with:

			BOOT MARKED WITH						
			ALPINE SKI BOOTS (ISO 5355)		GRIPWALK SKI BOOTS (ISO 23223) 		WTR SKI BOOTS (ISO 9523) 	TOURING SKI BOOTS (ISO 9523)	TOURING SKI BOOTS NOT NORMED
			TYPE A*	TYPE C*	TYPE A*	TYPE C*	TYPE A*	/	/
BINDING MARKED WITH	Without any logo	C		●					
		CA	●	●					
		A	●						
		C		●		●			
		CA	●	●	●	●			
		A	●		●				
		A	●		●		●		
		A	●		●		●	●	
PIN BINDING		/			●**		●**		

*Type A: Adult boot – Type C: Children boot ** Bindings with pins require **boots with compatible inserts**. Consult an authorized dealer

NOTE: ISO 23223 is the new standard for shoes labeled GripWalk. Older models labeled Gripwalk ISO 9523 are still compatible with GripWalk bindings.

For further information about compatibility before season 2022, please refer to the corresponding technical manual.

CHILDREN BOOT TO BINDING COMPATIBILITY

Only adult norm boots may be used with adult bindings. Under no circumstances should a children norm boot ever be used with an adult binding.

The added width of an adult norm boot sole somewhat limits the shock absorption capability of these models and they should not be used with a boot sole longer than 304 mm. As a result, it is recommended that an aggressive junior skier with an adult norm boot sole use a model designed exclusively for adult norm boots.

		CHILDREN NORM BOOT SOLE TYPE C		ADULT NORM BOOT SOLE TYPE A	
	mondo point	Alpine version	Adaptable GripWalk pads kit 	Alpine version	GripWalk 
HAWX JR / HAWX GIRL	15-21,5	15-21,5	No	24-27,5	●
REDSTER JR	18-21,5	18-21,5	No	22-24,5	●

BOOTS & BINDING COMPATIBILITIES

You can find in the table below all Atomic shoes and bindings models with their respective compatibility. Start by finding your shoe model row and go to the right to see which binding models they are compatible with. Red writings are the new models of the range.

BOOTS			BINDINGS				
NORM	SOLE		ALPINE	WTR 	GRIPWALK 	MNC 	TLT - PIN BINDING - NO NORM
ALPINE NORM ISO 5355	TYPE C (CHILD)	Hawx Jr/Girl 1, 2 Hawx Jr/Girl 3 (20.0-21.5) Redster Jr (18.0-21.5)			COLT 5 GW, COLT 7 GW, COLT 7 C, L6 GW, C 5 GW 		
	TYPE A (ADULT)	Redster STI 130, 110, 90, 70 Redster TI 130, 110 Redster CS 130, 110, 70 Hawx Magna 80, 75W, R90, R75, R Hawx Jr/Girl 3 (22/22.5) Hawx Jr/Girl 4 Redster Jr (22.0-27.5)	X 20 & 19 & 16 & 12, COLT 12 & 10, Z, L, C, LITHIUM 10 MERCURY 10 & 11, WARDEN 11, WARDEN 11 DEMO, STH ICON 24&30 ICON RS 12&16, ICON 10&12 ISO 9462 		COLT 5 GW, COLT 7 GW, M10 GW, M11 GW, MERCURY R 10 GW LEISURE R 6 GW C5 GW, L6 GW, L10 GW F 10 & 11 & 12 GW, M12 GW, N STAGE 10 & 11 GW, STRIVE 12 & 14 GW, STRIVE R 11 GW, STRIVE R 13 GW, Mi 12 GW ISO 9462 & ISO 13992 		
Alpine Racing Sole NON-NORM	Alpine Racing Sole NON-NORM	Redster TI 150 Lifted Redster STI 150 Lifted - WARNING - BOOTS MUST BE GROUND TO ISO 5355 DIMENSIONS BEFORE USE		STH ² 13 & 16 WTR, TRACKER 13 & 16 WTR ISO 9462 & ISO 13992 		WARDEN 13 MNC, WARDEN R 13 MNC, WARDEN 11 MNC, WARDEN R 11 MNC, TRACKER 13 & 16 MNC, SHIFT 10 & 13 MNC, STH ² 16 MNC, STRIVE 14 & 16 MN, SHIFT ² MN 10, 13 & 10 DEMO ISO 9462 & ISO 13992 	
ISO 23223 	GripWalk TYPE A (ADULT)	All Hawx Ultra All Hawx Prime Hawx Magna 130 S, 120 S, 110 S, 110, 100, 105 S W, 95 W, 85 W					
	GripWalk TYPE A (ADULT) + Tech Inserts	All Hawx Ultra XTD All Hawx Prime XTD All Hawx Magna XTD Backland XTD 120 GW, 105 W GW					
TOURING NORM ISO 9523	TOURING NORM ISO 9523 + Tech Inserts	Backland XTD 120, 110, 115 W, 95 W					
TOURING NON-NORM	TOURING NON-NORM + Tech Inserts	Backland Carbon, Pro, Expert, Pro W, Expert W, Backland Carbon UL, Backland Pro W UL, Backland Ultimate					BACKLAND TOUR BACKLAND PURE BACKLAND SUMMIT 

C O M P A T I B L E

BOOTS & BINDING COMPATIBILITIES

#1

BINDINGS INTENDED TO BE USED ONLY WITH:

► **ALPINE BOOTS COMPLIANT WITH ISO 5355 STANDARD**



X-RACE X20 EGA	21
X-RACE X 19 VAR	21
X-RACE X 16 VAR / X 12 VAR	22
X 12 / NEOX	24
JUNIOR RACE PLATE / JUNIOR RACE PEDAL KIT	27
X-TRACK M XT 10 / M XT 10 TI / M XT 12 / M XT 12 TI	29
NR L10 EZYTRAK / NR L7 EZYTRAK / NR C5 EZYTRAK	31
MERCURY 10 & 11 WITH EZYTRAK 3 PLATE	33
N L 7 / N COLT 7 - N C 5	35
STH/ Z / L	36
WARDEN 11	38
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WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

► **ALPINE SKI BOOTS COMPLIANT WITH ISO 5355 STANDARD.**

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MODEL DESCRIPTION

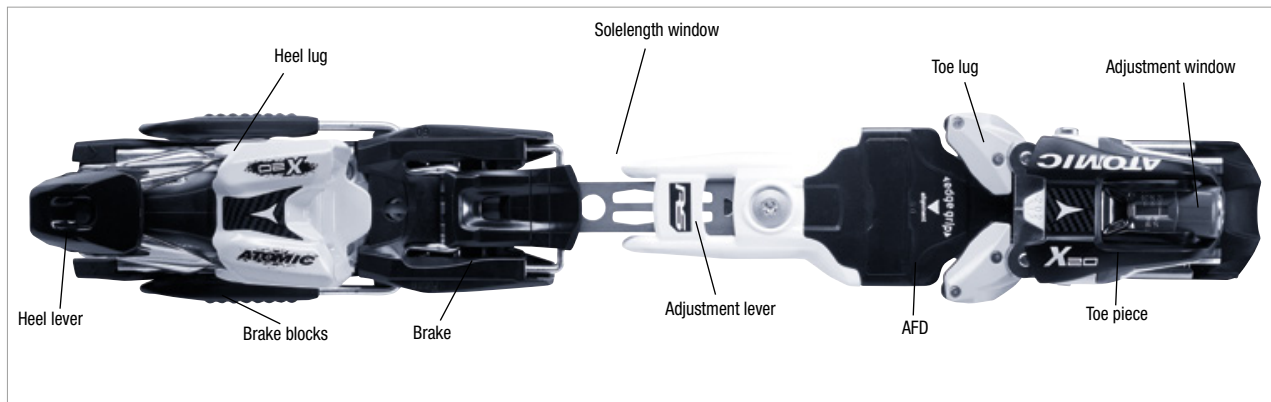
X-RACE X20 EGA

TECHNOLOGY:

• *EGA • VAR • FTC • Full Flex • Race Setup

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



MODEL	WEIGHT	MOUNTING SCREWS WITHOUT/WITH ADAPTER	HEIGHT	Z-NUMBER	SOLE LENGTH
X-RACE X20 RS	3,25 kg	19,5mm ohne Adapter 21,5mm 22,5mm mit Adapter 24mm 27 mm 12 - 20 260 - 370mm			
		TOE	HEEL		

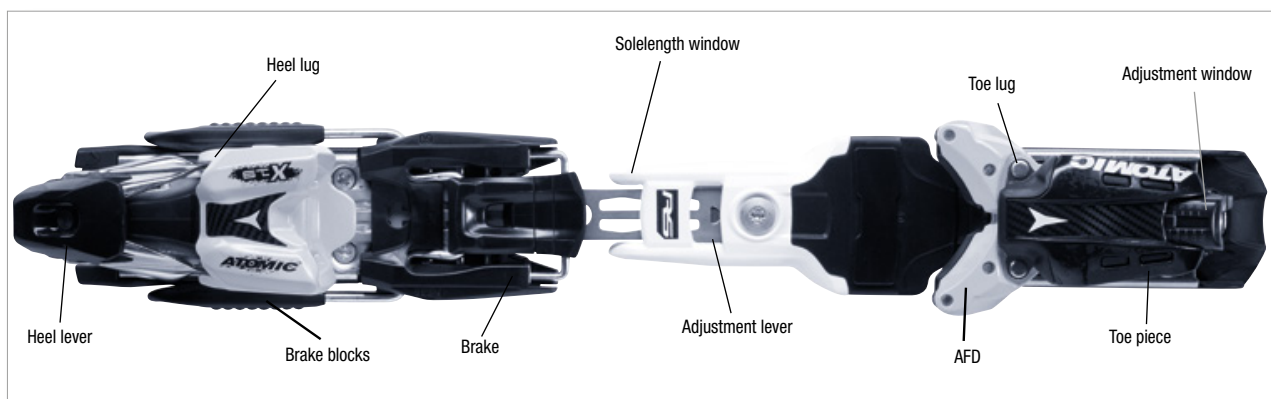
X-RACE X 19 VAR

TECHNOLOGY:

• VAR • FTC • Full Flex • Race Setup

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



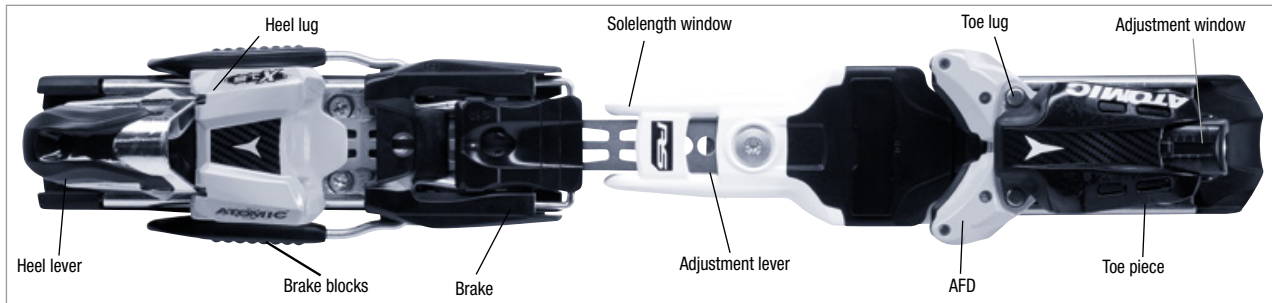
MODEL	WEIGHT	MOUNTING SCREWS WITHOUT/WITH ADAPTER	HEIGHT	Z-NUMBER	SOLE LENGTH
X-RACE X19	3 kg	19,5mm ohne Adapter 21,5mm 22,5mm mit Adapter 24mm	27 mm	11 - 19	260 - 370mm
		TOE	HEEL		

X-RACE X 16 VAR / X 12 VAR

TECHNOLOGY: • VAR • FTC • Full Flex • Race Setup



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



MODEL	WEIGHT	MOUNTING SCREWS WITHOUT/WITH ADAPTER	HEIGHT	Z-NUMBER	SOLE LENGTH
X 16	2,95 kg		17,3 mm	8 16	249-364 mm
X 12	2,94 kg		17,3 mm	4 12	249-364 mm

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)

MOUNTING X-RACE BINDINGS WITH THE MOUNTING JIG

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

1. Mounting

ATTENTION:

- ATOMIC bindings may only be mounted by qualified personnel/ dealers!
- The use of binding sprays or wax removal sprays is prohibited as these can considerably alter the release values.

NOTE: The X-RACE binding can be mounted:

- onto ATOMIC D2 skis with pre-drilled hole pattern
- onto ATOMIC-Raceplates with pre-drilled holes
- onto all skis with standardized binding-mounting-areas (DIN ISO 8364)

1.1 Drilling skis with mounting jig

NOTE: For mounting the X-RACE binding on skis or templates of competitors, holes have to be drilled with the ATOMIC-mounting jig (AZD000084) to ensure a proper alignment of the binding.

NOTE: The X-RACE mounting jig works for sole lengths from 260 mm to 360 mm.

1.1.1. Check the boot sole length you would like to mount the binding for and drill the

“S” ; “M” ; or “L” holes which are marked on the jig for the following sole length.

The best setup is to be in the middle of the sole length range.
Small 260mm to 295mm
Medium 295mm to 325mm
Large 325mm to 360mm

1.1.2. Drill your chosen setup and remove the Mounting Jig before mounting the binding by following the Mounting Procedure for X-RACE.

NOTE: The X 16 & X 12 bindings have an additional hole in the middle to fix the brake ! Don't forget to drill this hole for these Binding types!

Mounting Procedure X 20 RS (next page, figure A):

1. Mount the Base Plate Toe by tightening the screws at min. 4 Nm
2. Mount the heel base plate incl. the brake by tightening the screws at min. 4 Nm
3. Open the “VAR” fully by pushing the 2 red buttons and slide the toe piece from the middle towards the tip of the ski onto VAR position “4”

4. Move the Toe to the Number corresponding to the boot sole length you will mount the binding for.

5. Slide in the Heel piece from the tail forward.

6. Match up the steel band with the boot sole length you would like to mount the binding for.

7. Take the “AFD –Pedal” and place it in the middle and fix it with the screw at max. 4 Nm

8. Put the boot into the binding and check the forward pressure. The screw needs to be flush with the housing.

ATTENTION:

Never move the heel piece further back than the marking on the side of the heel!

Mounting Procedure X19, X16, X12 (next page, figure B):

1. Mount the Base Plate Toe by tightening the screws at min. 4 Nm

2. Mount the heel base plate by tightening the screws at min. 4 Nm and mount the brake by tightening the screw in the middle at min 4 Nm.

3. Push the “VAR” lever over to the right and slide the toe piece from the middle towards the tip of the ski onto VAR position “4”

4. Move the Toe to the Number corresponding to the boot sole length you will mount the binding for.

5. Slide in the Heel piece from the tail forward.

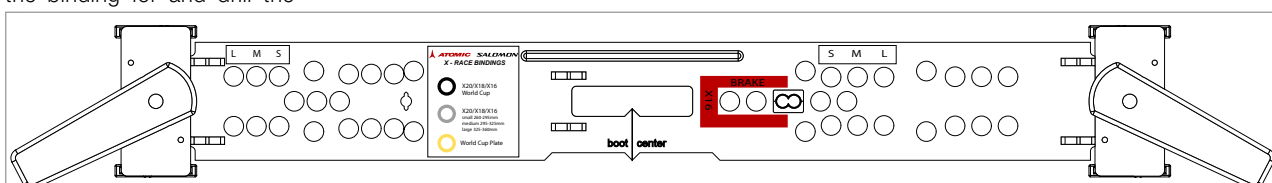
6. Match up the steel band with the boot sole length you would like to mount the binding for.

7. Take the “AFD –Pedal” and place it in the middle and fix it with the screw at max. 4 Nm

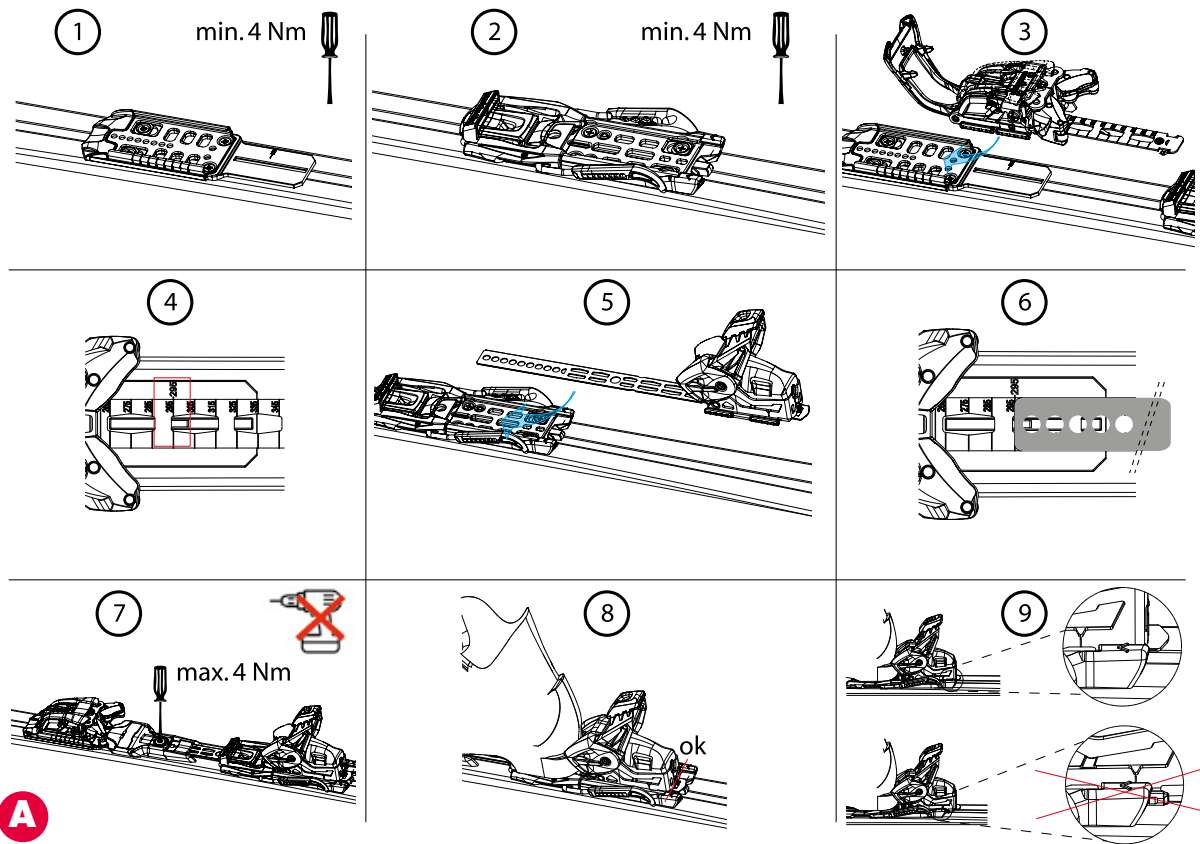
8. Put the boot into the binding and check the forward pressure. The screw needs to be flush with the housing.

ATTENTION:

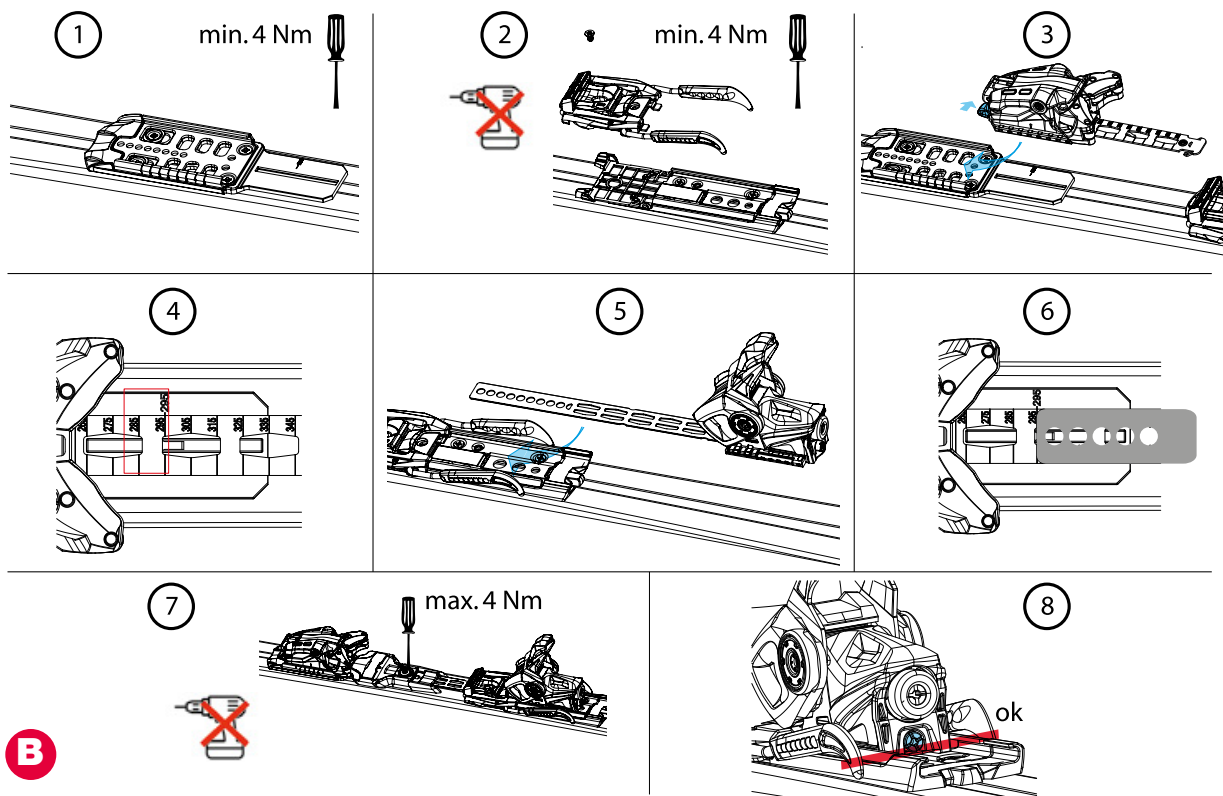
Never move the heel piece further back than the marking on the side!



Mounting Procedure X 20 RS



Mounting Procedure X19, X16, X12



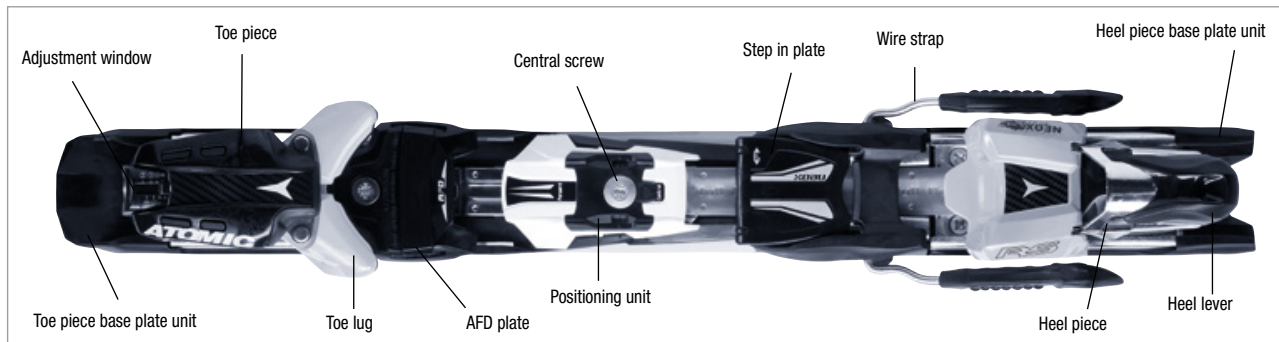
X 12 / NEOX



TECHNOLOGY:

• Personal positioning • Fullflex • DIN-Scale Laser

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



MODEL	WEIGHT	MOUNTING SCREWS	HEIGHT	Z-NUMBER	SOLE LENGTH
NEOX 14 RS	3,19 kg	13mm without Adapter 18mm 19,5mm	24 mm	6 - 14	260 - 365mm
NEOX 12 RS	2,86 kg	14,5mm with Adapter 19,5mm 21,5mm	24 mm	4 - 12	260 - 365 mm
NEOX 10	2,71 kg	14,5mm with Adapter 19,5mm 21,5mm	24 mm	3 - 10	260 - 365 mm

TOE

HEEL

ALPINE SKI BOOTS (ISO 5355)

TYPE A
(Adult)

TYPE C
(Children)



MOUNTING INSTRUCTION NEOX

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

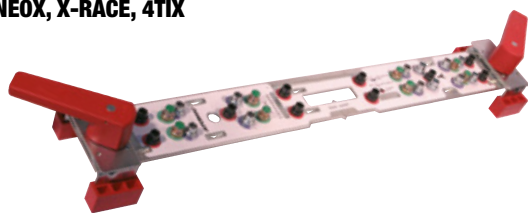
1. Mounting

Measure the sole-length of the ski boot in mm.

Use the ATOMIC-step drill bit $\varnothing 4,1 \times 9$ mm to drill the holes.

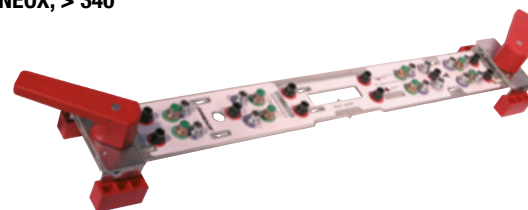
A. For sole-lengths < 340 mm use the 8 silver-blue drill sockets.

NEOX, X-RACE, 4TIX



B. For sole-lengths > 340 mm use the 8 silver-blue cross-hatched drill sockets.

NEOX, > 340

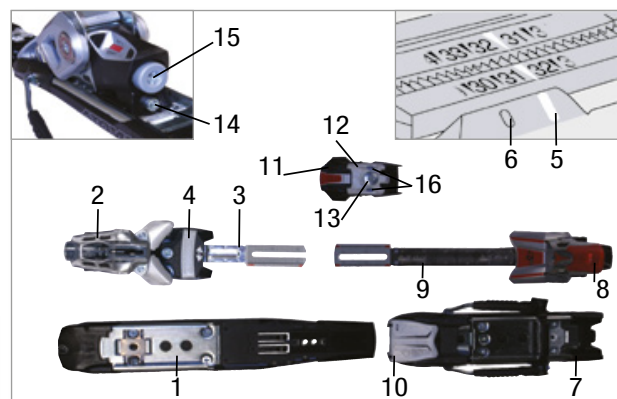


ATTENTION:

- Depths of drill holes under 9 mm are marked on skis.
- For drilling holes in VOLANT-skis only ATOMIC-step drills of a length of 4,5 mm may be used.
- Remove the mounting jig.

1.1. Mounting of the binding:

1 – Toe piece base plate unit 2 – Toe piece 3 – Toe piece steel band



4 – AFD 5 – Marking "Central" on the toe piece baseplate unit
6 – Marking "Forward" on the toe piece baseplate unit 7 – Heel piece baseplate unit 8 – Heel piece 9 – Heel piece steel band
10 – Brake 11 – Sole length cover 12 – Pos. cap
13 – Central screw 14 – Setting spindle for forward pressure
15 – DIN Setting screw 16 – Sole length-scale

>>>

- 1.1.1. Measure the sole length of the boot in mm.
- 1.1.2. • Skis with standardized binding-mounting-area:
Drill the holes with the NEOX-mounting jig.
- 1.1.3. Place the base plate unit toe piece (1) over the pre-drilled holes on the ski.
- 1.1.4. First tighten the two back screws, then the two front screws with 4,5 Nm each (Hand screw driver).
- 1.1.5. Slide the toe piece (2) with the toe piece steel band (3) and the AFD (4) from the rear of the base plate unit toe piece along the guide of the base plate unit toe piece.

IMPORTANT: Make sure that the AFD (4) clicks into place in the guides of the base plate unit toe piece.

Adjust the measured sole length:

A. For the „Central-Position“ the figure on the toe piece steel band (corresponds to the measured sole length of the boot in cm) must be set to the Central Marking (5) on the base plate unit toe piece (1).

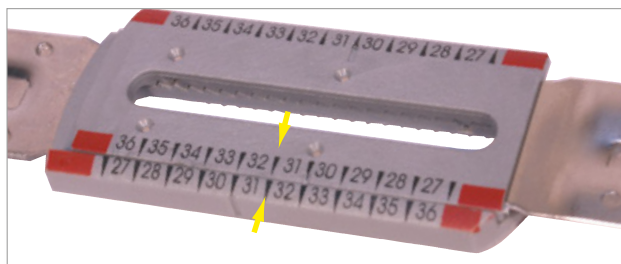
B. For the „Forward-Position“ the figure on the toe piece steel band (corresponds to the measured sole length of the boot in cm) must be set to the Forward Marking (6) on the base plate unit toe piece(1).

Central-Position (= normal position): Better steering control.

Forward-Position: Easier turn initiation and turning.

IMPORTANT: For adjustment the measured sole length must be rounded off in 5 mm steps.

Example sole length 317 mm, "Central-Position":



- 1.1.6. Press down the toe piece steel band until it clicks into the corresponding position.

- 1.1.7. Place the heel piece base plate set (7) over the pre-drilled holes on the ski.

A. Sole length < 340 mm: Use the front holes



B. Sole length > 340 mm:

Use the back holes



- 1.1.8. First tighten the 2 front screws and then the 2 back screws with 4,5 Nm each.

- 1.1.9. Remove the braking lock.

- 1.1.10. Slide the heel piece (8) with the heel piece steel band (9) from the rear of the base plate unit heel piece along the guide underneath the brake (10) and above the toe piece steel band (3).

Also adjust the measured sole length.

The scale of the heel piece steel band (9) must correspond with the preset value of the toe piece steel band (3).

- 1.1.11. Check the set sole length and, if necessary, adjust it.

- 1.1.12. Clip the sole length cover (11) over both steel bands.

- 1.1.13. Place the Pos. cap (12) so that the arrow points to the desired position (forward or central) on the sole length cover.

- 1.1.14. Control the set sole length in the windows of the adjustment unit (16).

- 1.1.15. Tighten the central screw (13) with 4,0 Nm.

1.2. Additional Mounting instruction for systems:

For Systems where the base plate units inclusive brakes of the Neox Binding are mounted when they are delivered.

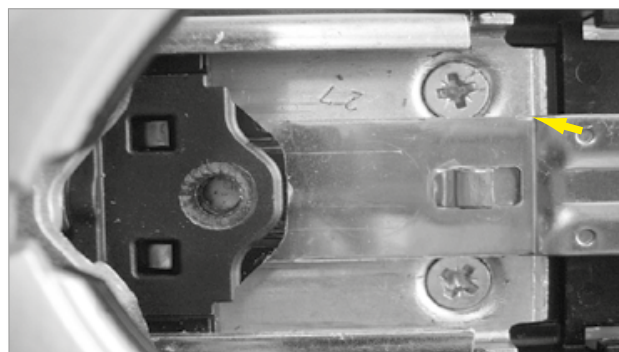
Mounting steps:

1. Slide the toe piece into the base plate-unit starting at the front part of the base plate-unit.

2. To fit in the AFD Plate see attached picture for the matching position. Mount the AFD Plate and screw it tight with a maximum of 4 Nm!!!

3. Slide heel piece of the binding into the base plate- unit.

Make system settings by following the detailed NEOX mounting instruction which is attached to each binding.



1.3. System setting

- 1.3.1. Release Value

NOTE: The release value must be measured according to the applicable ISO standards. We recommend that you always use an electronic measuring device.

- Establish the correct release value using a setting table or an electronic setting device.
- Set the toe piece and heel unit to this value by turning the DIN Setting screw (15) clockwise in order to increase the release value, and anticlockwise to reduce it.

- 1.3.2. Binding Pressure

- 1.3.2.1. Open the binding by pressing the heel unit lever downward.

- 1.3.2.2. Place the ski boot in the binding and close the binding by pressing the ski boot downward.

- 1.3.2.3. Check whether the setting spindle for forward pressure (14) which is located at the back of the binding on the heel unit is flush with the heel unit housing.

- 1.3.2.4. Adjust binding pressure:

IMPORTANT: Adjustment only with binding opened.

A. If the setting spindle projects out of the heel unit housing, the binding pressure is too low. Open the binding and turn the setting spindle clockwise.

B. If the setting spindle is inside the heel unit housing, the binding pressure is too high. Open the binding and turn the setting spindle anti-clockwise.

1.3.2.5. Place the ski boot in the binding, close the binding and check again.

1.3.3. Adjusting Sole Height

NOTE: The NEOX has an automatic toe height adjustment in the 19 mm $\pm$ 1.5 mm range.

1.4. Check

1.4.1. Check whether the brake arms can move freely along the edges of the ski.

The brake arms should safely lift the tail end of the ski when placed in a horizontal position. If this is not possible, check the function of the brake mechanism.

1.4.2. Make sure that the toe piece, the heel unit and all screws are flush and tight.

1.4.3. Check the toe pieces by pressing the boot about 10 mm out of the binding and then releasing it. It should go back into place evenly.

1.4.4. Place the boot in the binding, close the binding and check whether the setting spindle which is located at the back of the binding on the heel unit is flush with the casing of the heel unit housing.

1.5. Removal

Remove the binding by following the mounting instructions in reverse (see section 1.3.).

Important Note: Set torque drill low in order to not strip drill holes; use hand screw driver for final tightening of screws.

2. Rebuilding the Neox Binding to fit sole length longer than 328 mm

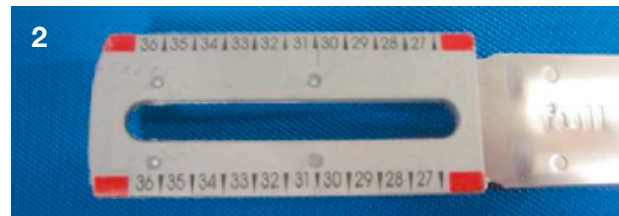
To reach a Sole length from 370 and larger follow following steps.

1. From a foot length (SL) 340 mm you have to choose the back position of the heel unit holes on the Binding plate.



2. Exchange the steel band on the heel. Remove the plastic attachment with the Screwdriver (Picture 1). Pull the steel band forward out of the guidance. Apply now the "steel band extra long" in reverse order. (Picture 2)

ATTENTION: The adjustment numbers need to face upward when assembled.



3. With the "steel band extra long" you will reach a max. SL from 382mm (Picture 3) For a SL 360 mm and longer, mount the Toe piece always on Position 360. On the "steel band extra long" there will be only one position on the setting-up chart. Make sure that you adjust 360 mm on toe and heel. In this position you adjust the SL by using the forward pressure screw.

4. Forward Position is not possible!

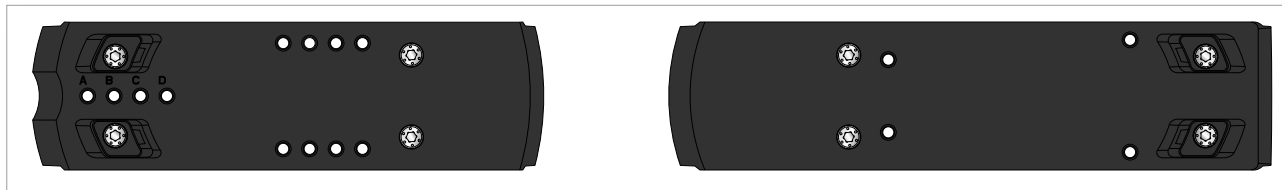
5. **ATTENTION!** By using the "steel band extra long" You will not stand centered on the ski.



JUNIOR RACE PLATE JUNIOR RACE PEDAL KIT



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD

Junior race plate are compatible with bindings:

> **N Z12 / N COLT 12** > **N Z10 / N COLT 10** > **N L10**
> **N L7 / N COLT 7**

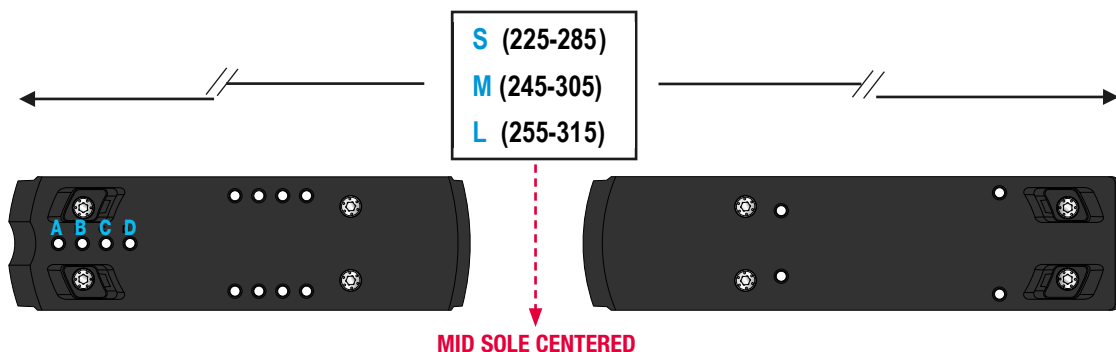
Junior race plates are premounted in factory.

3 sizes are available (S – M – L) ►

J-RP → S					J-RP → M					J-RP → L				
Pos.	A	B	C	D	Pos.	A	B	C	D	Pos.	A	B	C	D
mm	285	255	235	225	mm	305	275	255	245	mm	315	285	265	255
	275	245				295	265				305	275		
	265					285					295			

MOUNTING & ADJUSTING

1. Check the boot sole length you would like to mount
2. Put the toe piece to the letter corresponding to the boot sole length (A – B – C – D).
3. Mount the toe by tightening the screws at min. 4 Nm
4. Mount the heel by tightening the screws at min. 4 Nm
5. Put the boot onto the binding and check the forward pressure.



Sole lenght (in mm)	Mounting on ski	Boot center related to the Ski center according to the Toe poition				Maximum of positions to adjust Boot center
S-M-L		(«+» = Forward «-» = Backward)				
		A	B	C	D	
min 225	"S"	-	-	-	-5 mm	1
235	"S"	-	-	Centered	-10 mm	2
245	"S"	-	+5 mm	-5 mm	-15 mm	3
	"M"	-	-	-	-5 mm	1
255	"S"	+10 mm	Centered	-10 mm	-	3
	"M"	-	-	Centered	-10 mm	2
	"L"	-	-	-	-5mm	1
265	"S"	+5 mm	-5 mm	-15 mm	-	3
	"M"	-	+5 mm	-5 mm	-15 mm	3
	"L"	-	-	Centered	-10 mm	2
275	"S"	Centered	-10 mm	-	-	2
	"M"	+10 mm	Centered	-10 mm	-	3
	"L"	-	+5 mm	-5 mm	-15 mm	3
285	"S"	-5 mm	-	-	-	1
	"M"	+5 mm	-5 mm	-15 mm	-	3
	"L"	+10 mm	Centered	-10 mm	-	3
295	"M"	Centered	-10 mm	-	-	2
	"L"	+5 mm	-5 mm	-15 mm	-	3
305	"M"	-5 mm	-	-	-	1
	"L"	Centered	-10 mm	-	-	2
315	"L"	-5 mm	-	-	-	1

>>>

JUNIOR RACE PLATE (J-RP2)

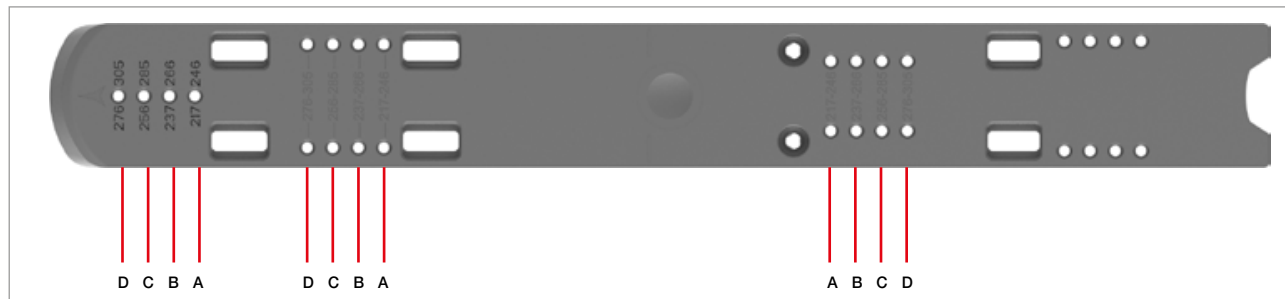
BOOT SOLE LENGTH: Mounting information on the plate for N Z12/N COLT 12, N Z10 / N COLT 10, N L7 / N COLT 7

A > 217mm – 246mm

B > 237mm – 266mm

C > 256mm – 285mm

D > 276mm – 305mm



WARNING ON N L7 / N COLT 7 BINDING

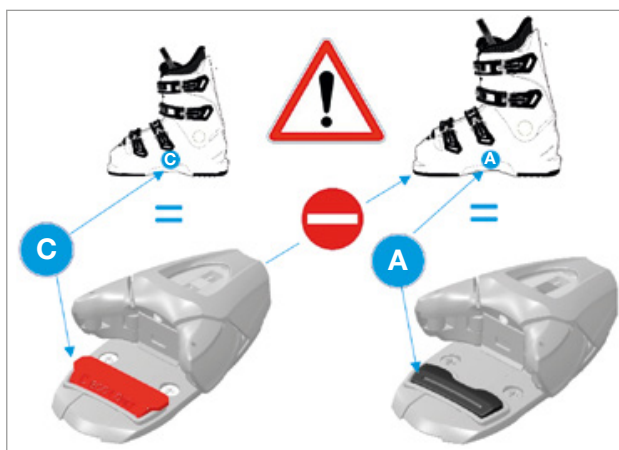
1. MOUNTING OF THE TOE AND HEEL ON JUNIOR RACE PLATE

In case of N L7 / N COLT 7 binding **with a screw setting up of 6mm**, please to not use a screw gun.



2. SELECTION OF THE TOE PEDAL

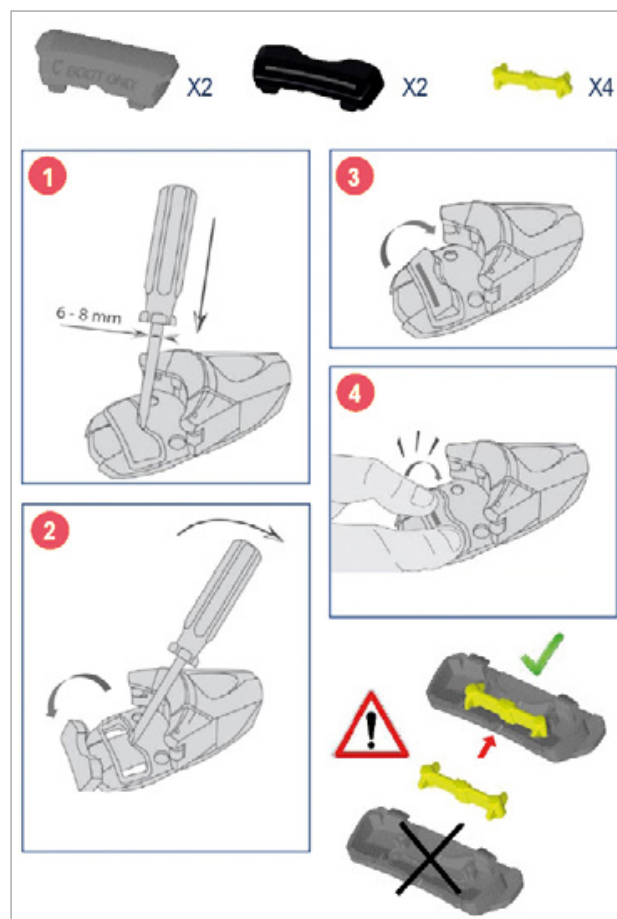
In case of mounting an N L7 / N COLT 7 binding on the Junior race plate, the choice of the toe pedal is depending on the type of boot used.



In the junior race kit pedal (reference L3916910001), you have the following components:



3. PEDAL MOUNTING INSTRUCTION





X-TRACK M XT 10 / M XT 10 TI / M XT 12 / M XT 12 TI



SOLE LENGTH ADJUSTMENT

261mm – 381mm

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



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Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)

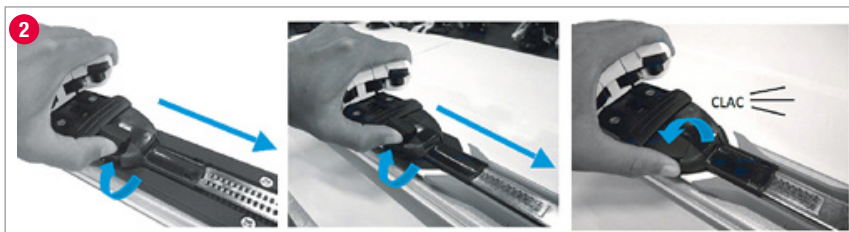
TYPE A (Adult)	TYPE C (Children)
●	✗

MOUNTING AND AJUSTING

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

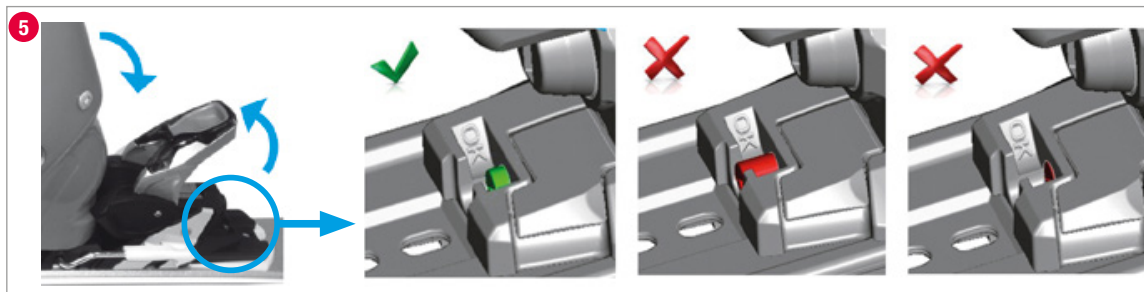
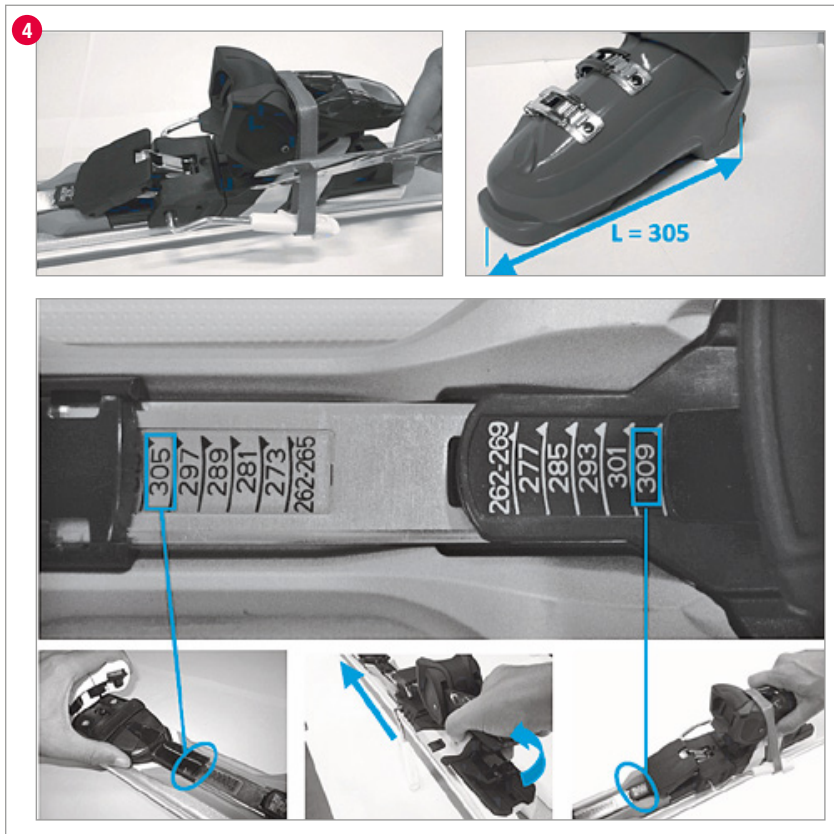


1. Remove the grey plastic part from the ski blade before toe assembly (fig. 1).
2. Insert the toe piece from the front and position on the track according to the boot sole length (fig. 2).
3. Insert the heel and break piece from the back and position on the track according to the boot sole length (fig. 3).



>>>

4. Boot sole length adjustment (fig. 4).
5. Step in the boot and check forward pressure (fig. 5).
6. Select and adjust the setting release values for toe and heel pieces (fig. 6).



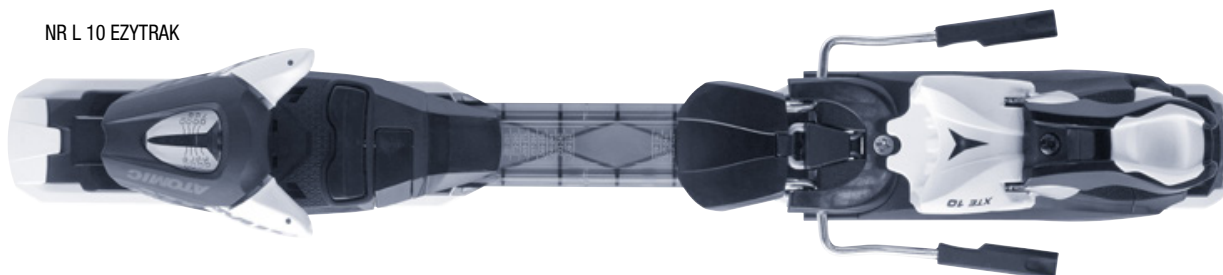
NR L10 EZYTRAK

NR L7 EZYTRAK

NR C5 EZYTRAK



NR L 10 EZYTRAK



NR L 7 EZYTRAK



NR C 5 EZYTRAK



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



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ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	●

>>>

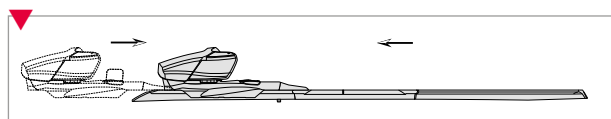
MOUNTING & ADJUSTING EYZTRAK

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

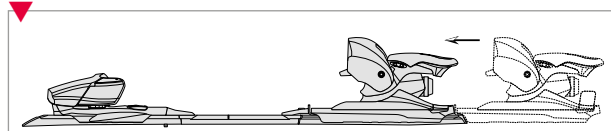
MODEL	WEIGHT	MOUNTING SCREWS	HEIGHT	ADJUSTMENT RANGE	DIN
XTE 10	1,9 kg		30mm	ETL: 273MM- 380mm	3 - 10
XTE 7	1,9 kg		30mm	ETM : 225MM - 329mm	2 - 7,5
XTE 045	1,22 kg		28mm	ETS: 195MM - 299mm	0,5 - 4,5

XTE 10 & XTE 7

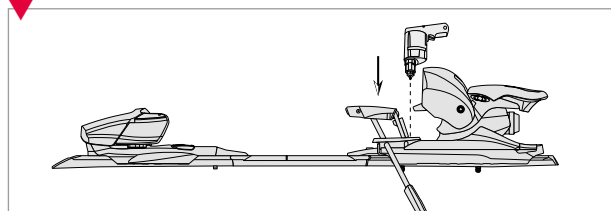
1 – Insert the toe piece from the front and position on the track according to the boot sole length.



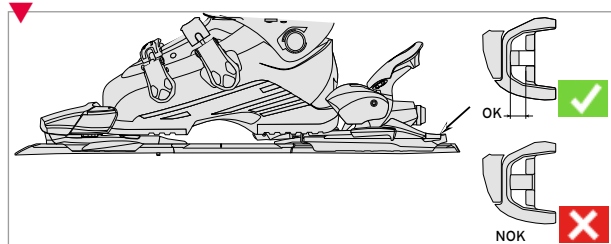
2 – Insert the heel piece from the back and position on the track according to the boot sole length.



3 – Assemble the break

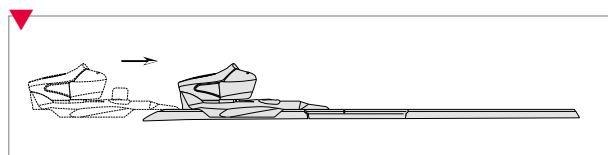


4 – Step in the boot and check forward pressure

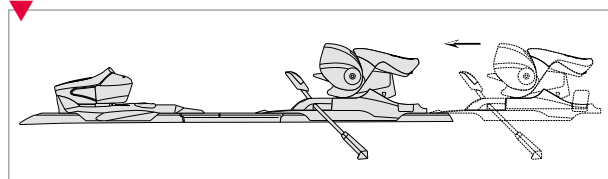


XTE 045

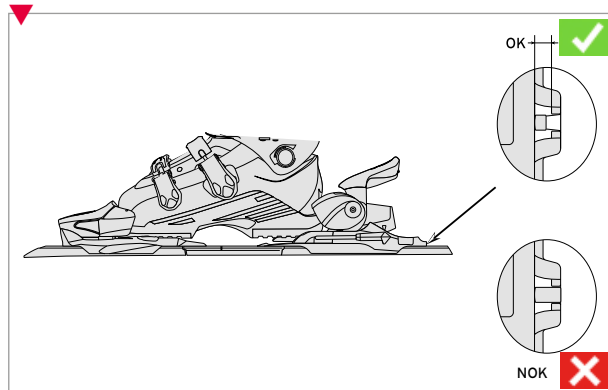
1 – Insert the toe piece from the front and position on the track according to the boot sole length.



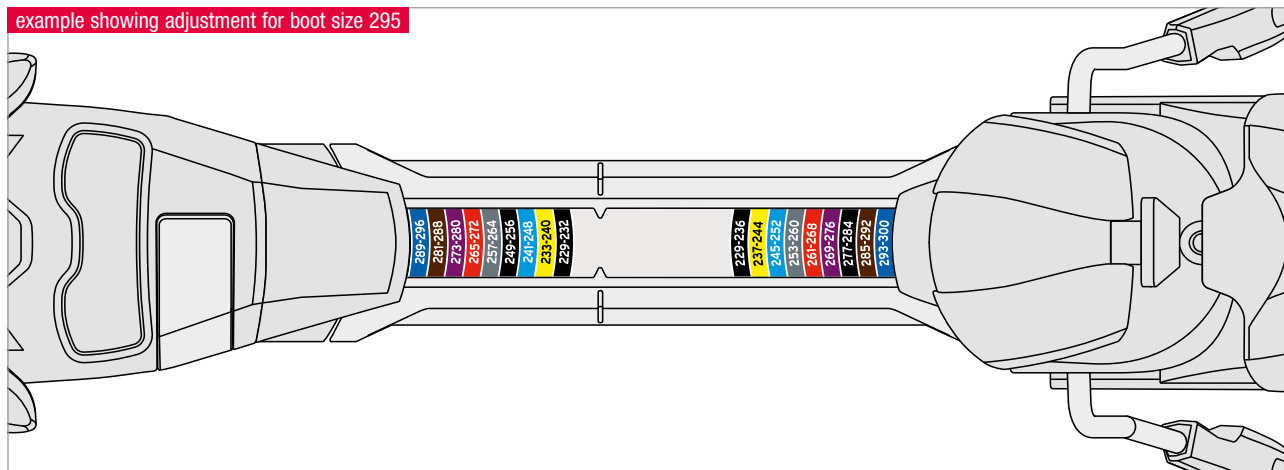
2 – Insert the heel piece from the back and position on the track according to the boot sole length.



3 – Step in the boot and check forward pressure.



example showing adjustment for boot size 295



MERCURY 10 & 11 WITH EZYTRAK 3 PLATE



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



SOLE LENGTH ADJUSTMENT

Ski Woman (W): 253mm – 320mm • Size L: 257mm – 380mm

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

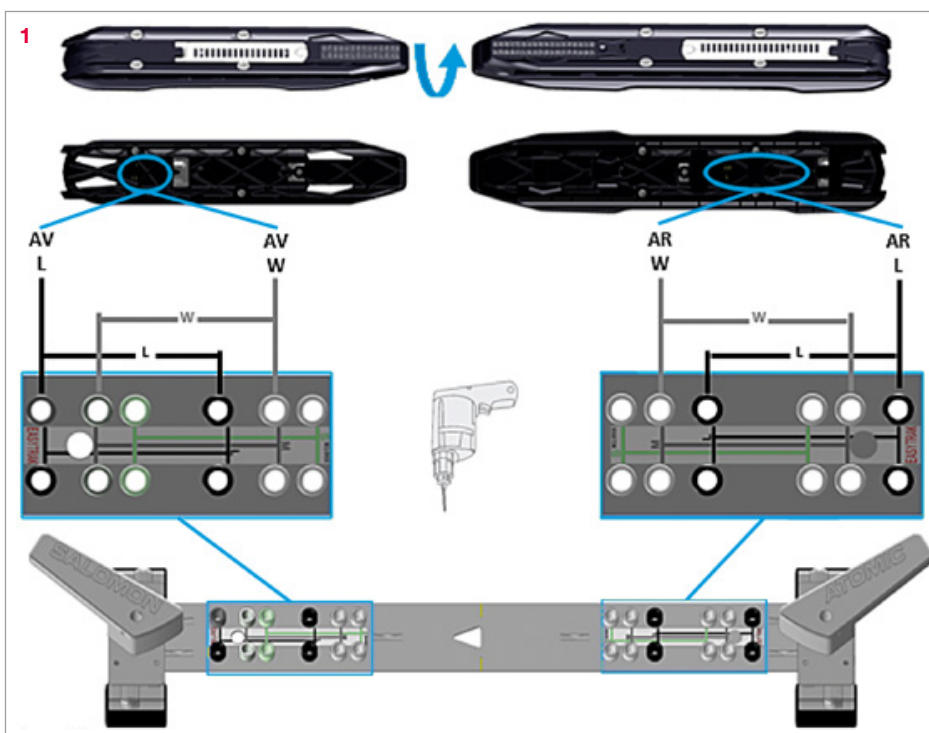
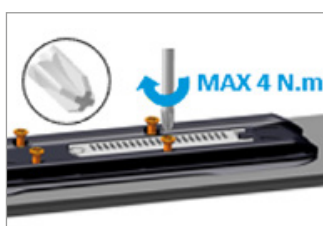
ALPINE SKI BOOTS (ISO 5355)

TYPE A (Adult)	TYPE C (Children)
●	✗

MOUNTING & ADJUSTING PROCEDURE

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

1. Use the Atomic mounting jig (ref: AZD000434 / L3086300001 / RD0000130) and drill the skis following the ski and binding manufacturer's instructions. Mount the front and rear plate on the ski tightening the screws at 4 N.m.

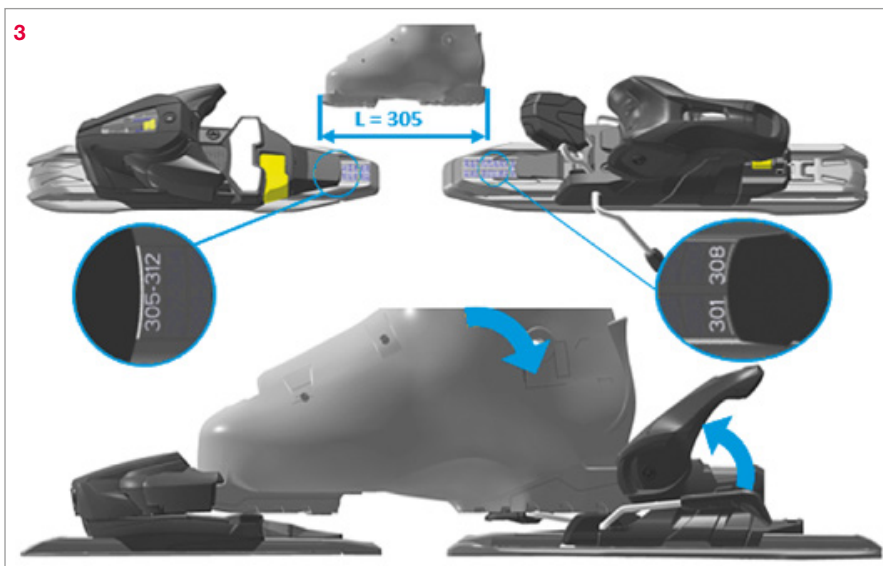


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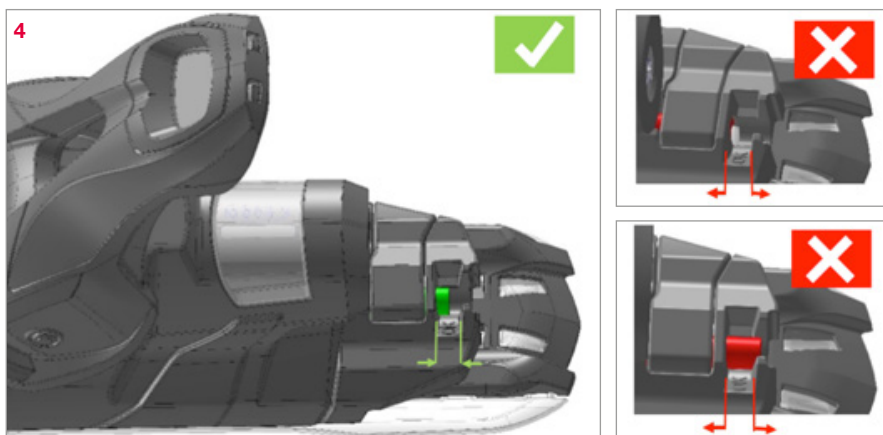
2. Insert the toe and the heel piece and position on the track according to the boot sole length.



3. Boot sole length adjustment



4. Step in the boot and check forward pressure



5. Select and adjust the setting release values for toe and heel pieces



N L 7 / N COLT 7 - N C 5

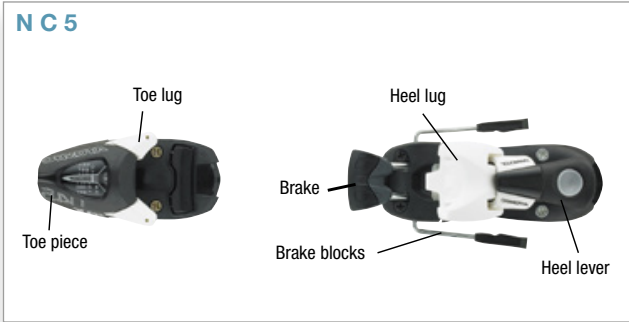
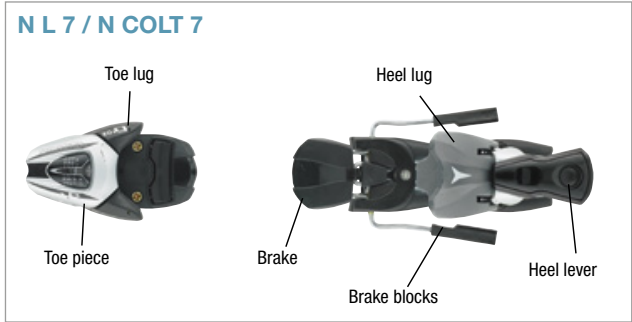
TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



TECHNOLOGY:

- Vertical Pivot • Easy mounting • Twin Pivot

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



MODEL	WEIGHT	MOUNTING SCREWS WITHOUT/WITH ADAPTER	HEIGHT	Z-NUMBER
N Z 10 / N COLT 10	2,15 kg		17 mm	3 - 10
N L 7 / N COLT 7	1,84 kg		17 mm	2 - 75
N C 5	0,94 kg		17 mm	0,5 - 4,5

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)

STH/ Z / L



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

TECHNOLOGY:

• Twin Pivot • Adjustable wings • AFD

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD

MODEL	WEIGHT	MOUNTING SCREWS WITHOUT/WITH ADAPTER	HEIGHT	Z-NUMBER
N Z12 / N COLT 12	2,15 kg		16,5 mm	4 - 12
N Z10 / N COLT 10	1,84 kg		16,5 mm	3 - 10
N L7 / N COLT 7	1,84 kg		16,5 mm	3 - 9

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

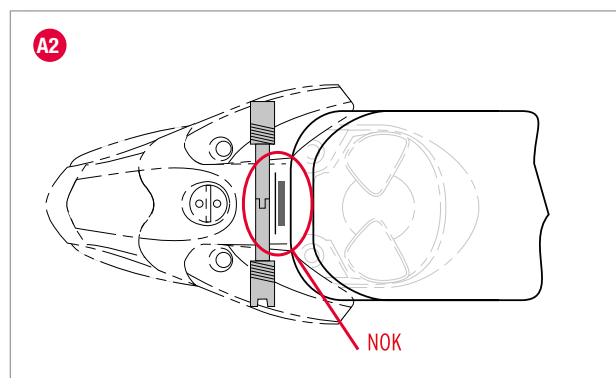
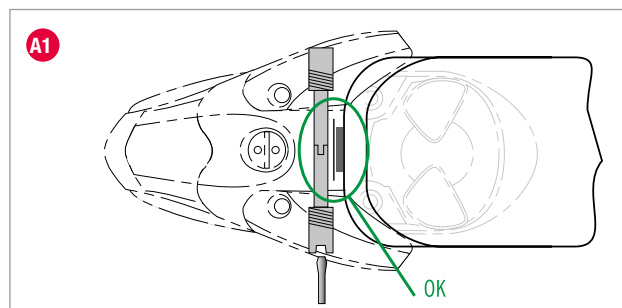
ADJUSTING FFG TEAM

Once the binding has been mounted, it is necessary to make the proper binding-to-boot adjustments.

All Atomic bindings may be closed manually by simply lifting the heel lever. Adjustments must be re-checked every time boots are changed. Use the following procedure.

WING ADJUSTMENT

- Manual adjustment (fig. A1):** only one adjustment screw, which is located on the left side of the toe piece.
 - Place the boot in the binding (closed position).
 - Loosen the micrometric screws to loosen the wings.
 - Check that the tip of the boot sole is flush against the butt plate (fig. A2). This contact is made when the boot has lateral play. Do not over tighten, the boot may no longer be centered.
- Automatic adjustment:** the wings on the toe cup are self-adjusting.



TOE HEIGHT ADJUSTMENT

- With the boot in the binding, raise the toe by turning the adjustment screw, located on top of the toe piece, counter clockwise.
- Pull the boot back to create a gap between the boot sole and the binding AFD.
- Lower the toe height by turning the adjustment screw clockwise to obtain the recommended gap (see the following chart (fig. B1-B2)).
- For models with automatic wing and automatic height adjustments: make forward pressure adjustment only. See instructions in following chapters.

Note: Always check the forward pressure after making toe adjustments.

	Models	Wing adjustment	Toe height adjustment
STH 16 WTR		simultaneous	manual 2 mm
Z / L / C EVOX 045 to XTO 14		automatic	automatic

>>>

FORWARD PRESSURE ADJUSTMENT

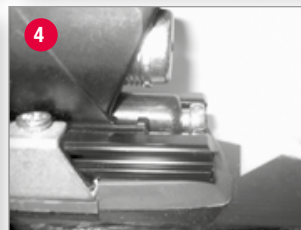
With adjustment tab (fig. 1-2-3).

With the boot in the binding (closed position), make sure the arrows (fig. 2), on the adjustment tab or the extremity of the tab for the version without arrow (fig. 3) (range 09/10), line up within the scribed area at the end of the heel housing.

If this adjustment is incorrect, remove the boot from the binding, lift the adjustment tab using an Atomic adjustment tool to slide the heel into the desired position. Remove the screwdriver. Re-insert the boot to check the adjustment.

With screw adjustment FFG models (fig. 4).

With the boot in the binding (closed position), adjust the forward pressure to align the top of the head screw with the back of the heel track.



WARDEN 11

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



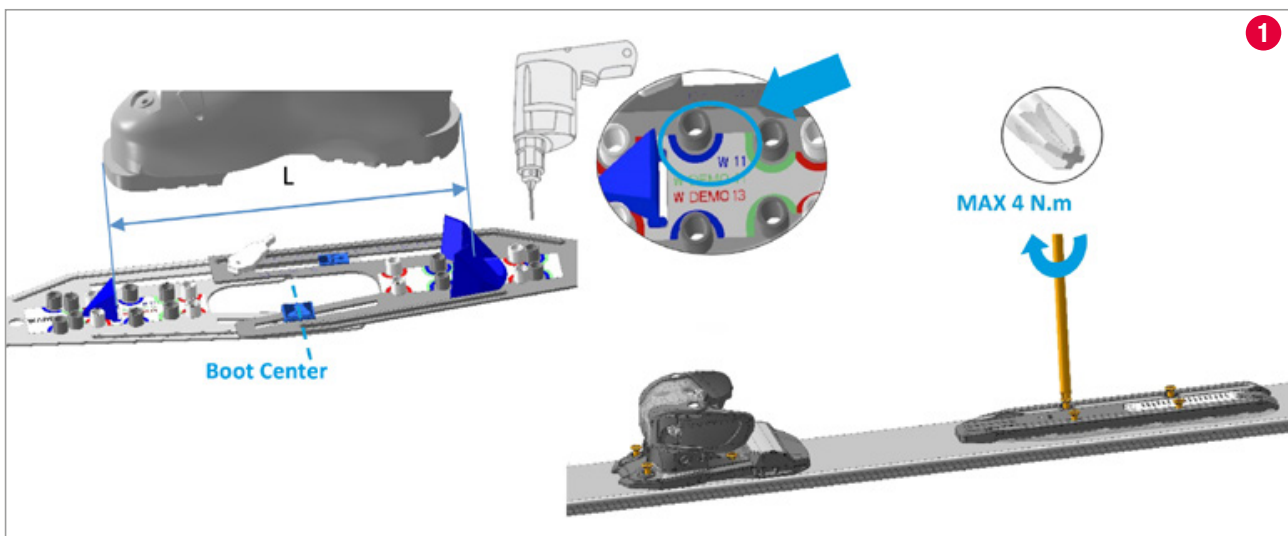
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

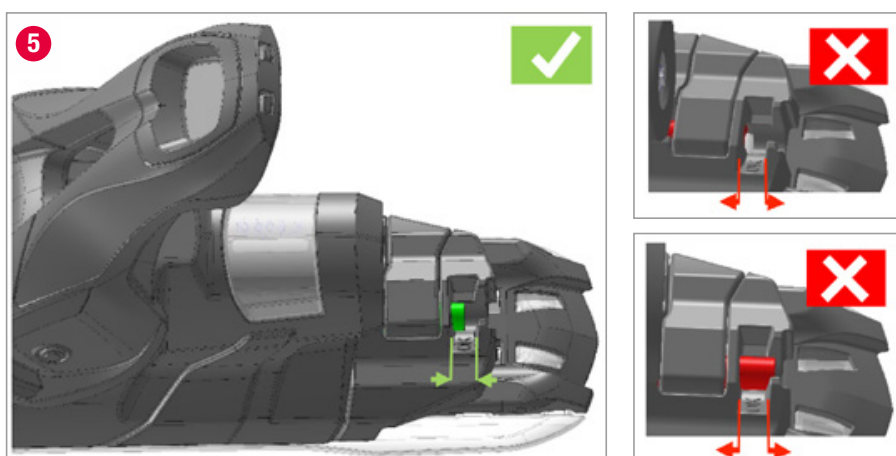
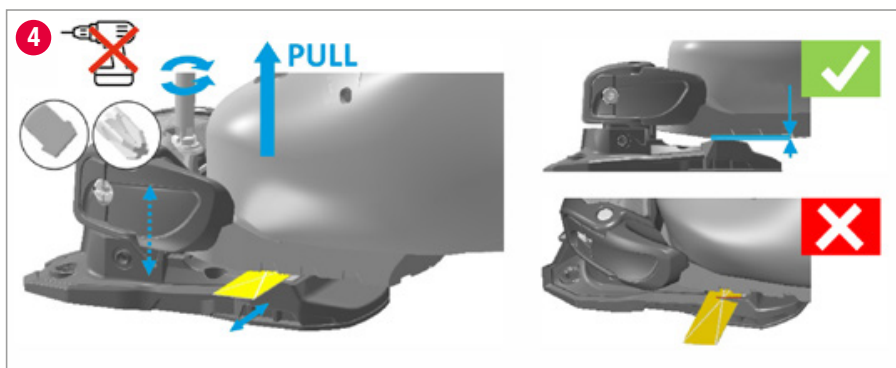
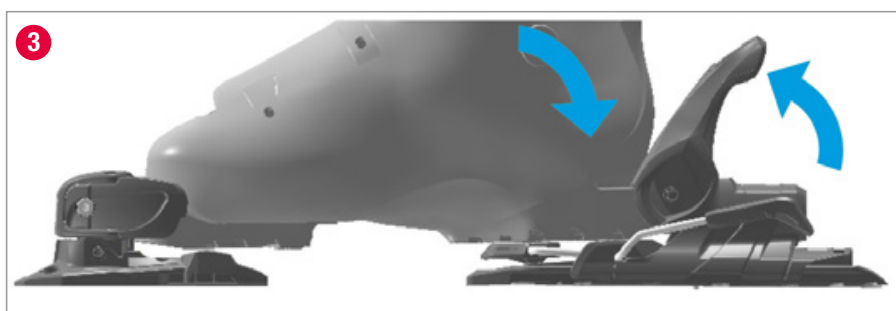
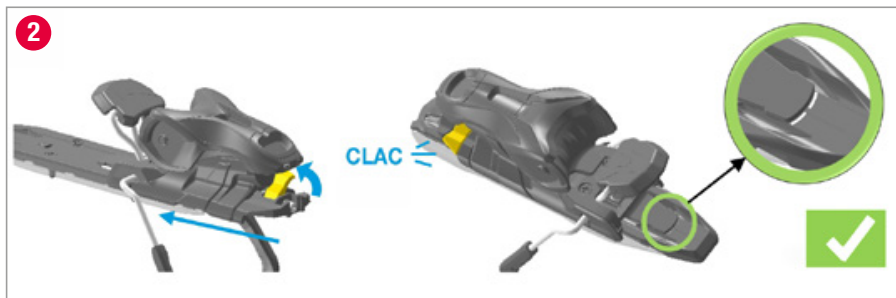
MOUNTING & ADJUSTING PROCEDURE

1. For mounting Warden 11 binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000426 / L3910910001 / RD0000126) to ensure a proper alignment of the binding. Mount the toe piece and the rear plate on ski by tightening the screws at 4 N.m (fig. 1).



>>>

2. Insert the heel and brake piece from the back and align the brake indicator with marking on the plate (fig. 2).
3. Step in the boot (fig. 3).
4. Adjust the toe height with adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding (fig. 4).
5. Check and adjust the forward pressure (fig. 5).
6. Select and adjust the setting release values for toe and heel pieces (fig. 6).



WARDEN R11

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



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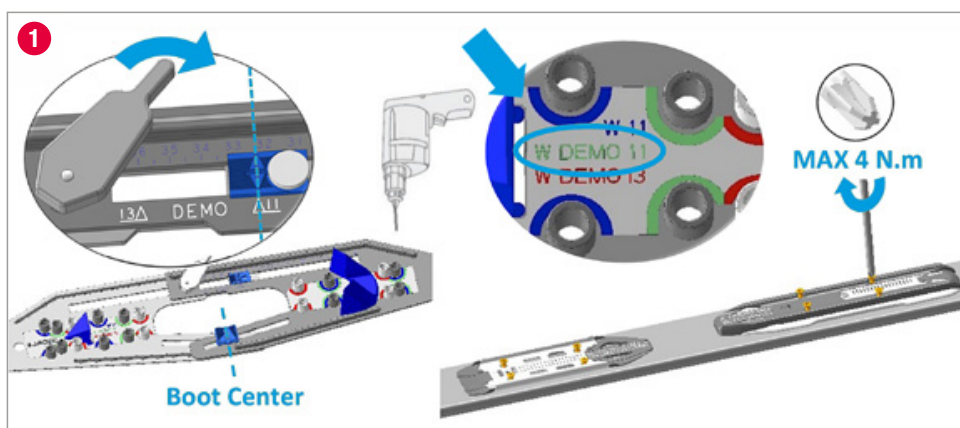
ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

SOLE LENGTH ADJUSTMENT

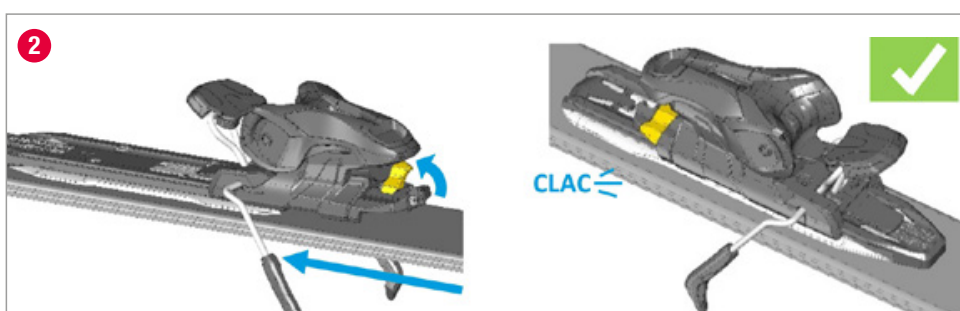
262mm – 382mm

MOUNTING & ADJUSTING PROCEDURE

1. For mounting Warden R11 binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000426 / L3910910001 / RD0000126) to ensure a proper alignment of the binding.
Mount the toe piece and the rear plate on ski by tightening the screws at 4 N.m (fig. 1).



2. Insert the heel and brake piece from the back and position on the plate according to the boot sole length (fig. 2).

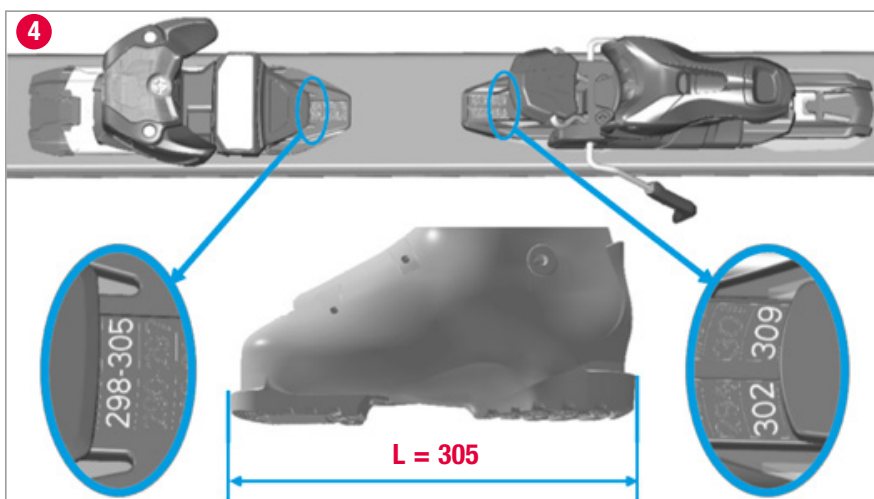


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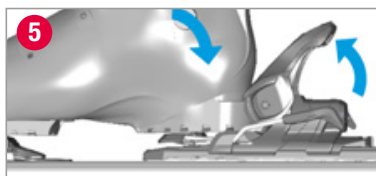
3. Insert the toe piece from the front and position on the plate according to the boot sole length (fig. 3).



4. Boot sole length adjustment (fig. 4).



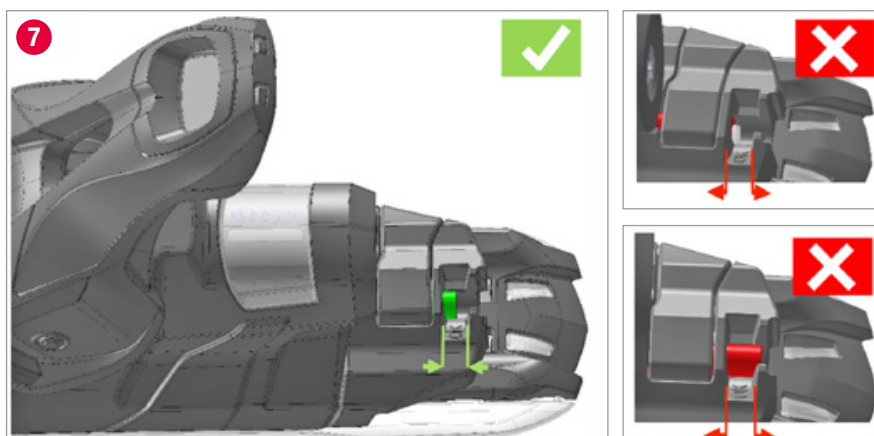
5. Step in the boot (fig. 5).



6. Adjust the toe height with adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding (fig. 6).



7. Check and adjust the forward pressure. (fig. 7).



8. Select and adjust the setting release values for toe and heel pieces (fig. 8).

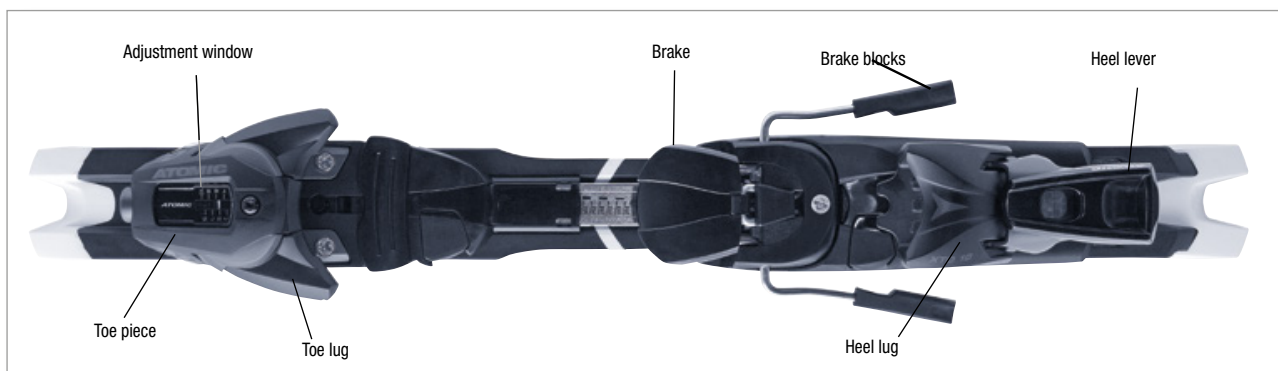


XTO 14/12/10



TECHNOLOGY:

- Twin Pivot • Automatic Toe Height Adjustment • Movable AFD



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



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Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

SOLE LENGTH ADJUSTMENT	257mm – 380mm
------------------------	---------------

MOUNTING INSTRUCTION XTO

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

MODEL	WEIGHT	MOUNTING SCREWS WITHOUT/WITH ADAPTER	HEIGHT	Z-NUMBER
XTO 614	3,29 kg		31,5 mm	6 - 14
XTO 412	3,24 kg		31,5 mm	4 - 12
XTO 310	3,17 kg		31,5 mm	3 - 10

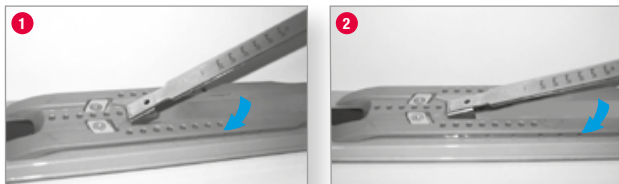
CONTENTS OF THE BOX

- 2 Toes mounted on a sliding part - 2 Brakes
- 2 Heels mounted on a sliding part - 2 Thin Plates
- 1 Notice

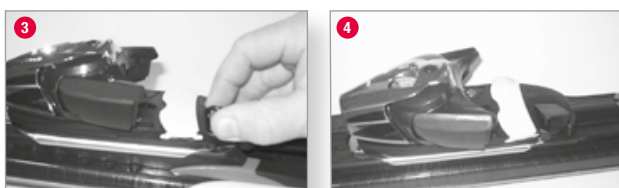
> > >

MOUNTING

1. Insert the Thin Plate in the seating ahead the plate (fig. 1).
2. Place it correctly with a rotational motion (fig. 2).



3. From the rear, slide the Toe piece on the interface until it corresponds with or is just above your boot sole length using the manual lock to authorize the sliding (fig. 3 & 4).

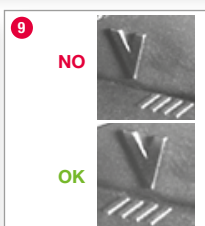
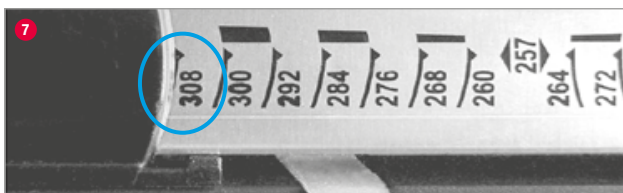


4. From the rear, slide the Heel piece on the interface until it corresponds with or is just above your boot sole length using the manual lock to authorize the sliding (fig. 5).
5. Mount the Brake following the usual procedure (fig. 6).



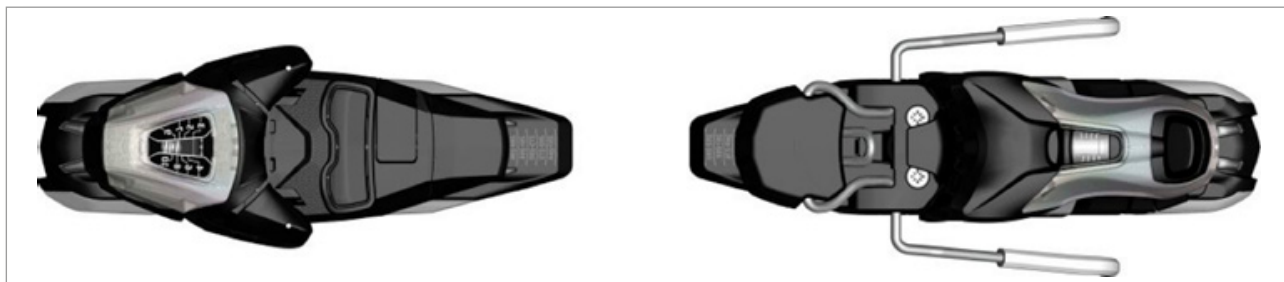
ADJUSTING EXAMPLE

6. Identify the length of the boot.
7. If you have boot sole L 306 mm, adjust the Toe on the 308 mm mark. The range in this case is 301 mm to 308 mm (fig. 7).
8. If you have chosen the L 306 mm, adjust the Heel piece on the 312 location. The range in this case is 305 mm to 312 mm (fig. 8).
9. Step in the boot and check forward pressure (fig. 9). The arrow on the housing must be within the scribed area.





LITHIUM 10 WITH EZYTRAK 2 PLATE



SOLE LENGTH ADJUSTMENT

Ski Woman (W): 253mm – 320mm • Size L: 257mm – 380mm

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

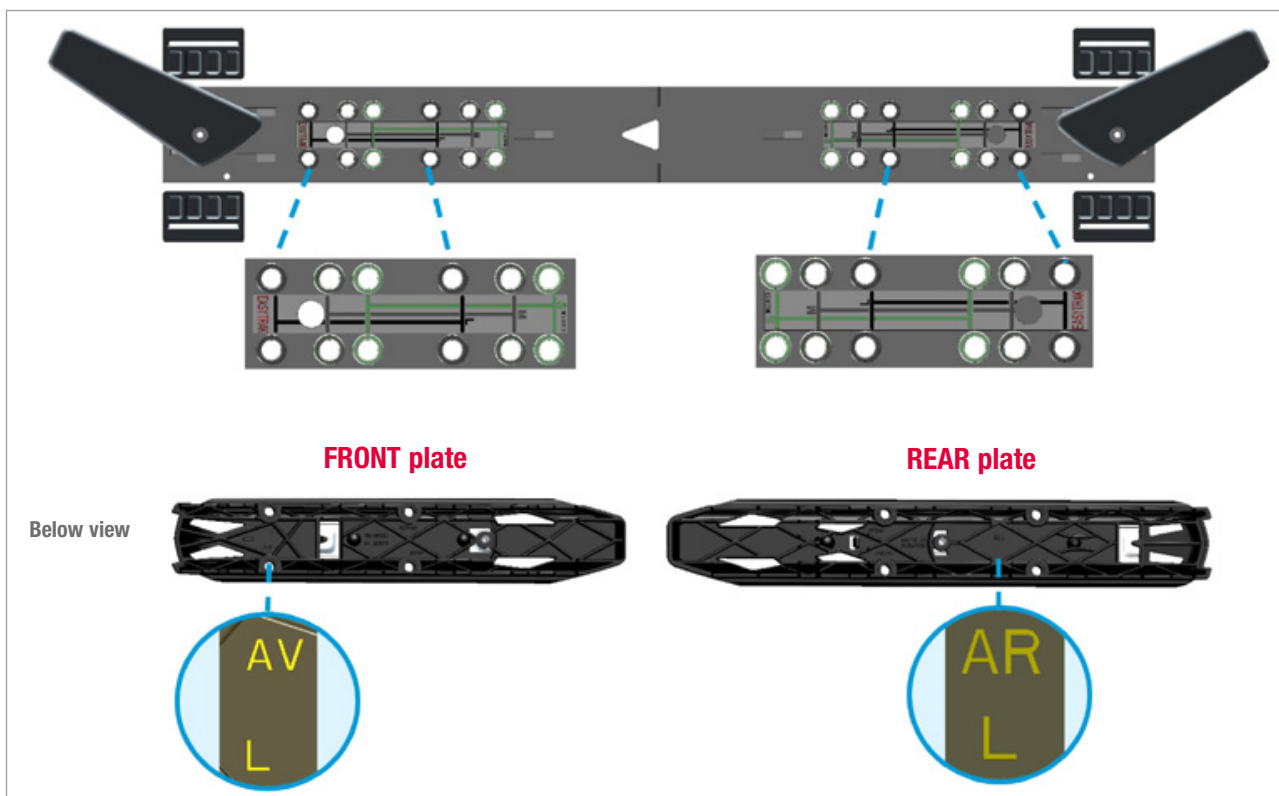
Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

MOUNTING & ADJUSTING PROCEDURE

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

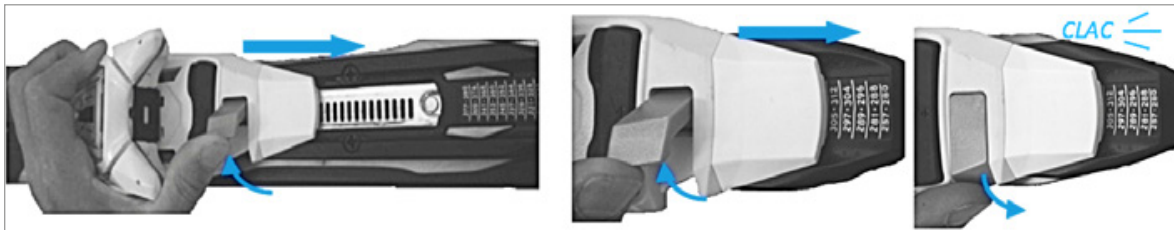
Use the Atomic mounting jig (ref:AZD000434 / L3086300001 / RD0000130) and drill the skis following the ski and binding manufacturer's instructions. Mount the front and rear plate on the ski by tightening the screws at 4 N.m. ▼



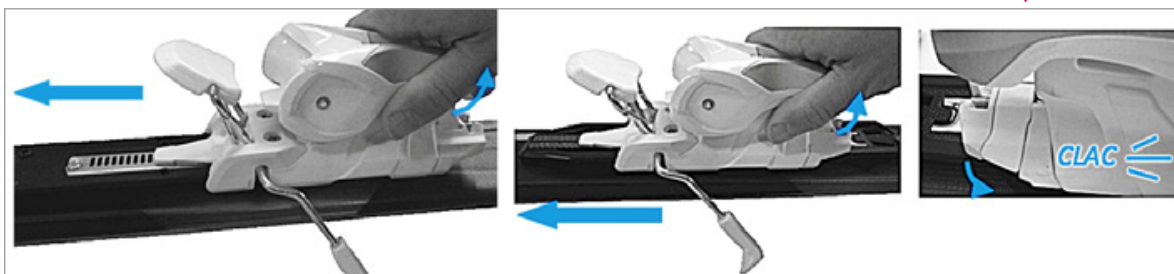
>>>

>>> LITHIUM 10 WITH EZYTRAK 2 PLATE

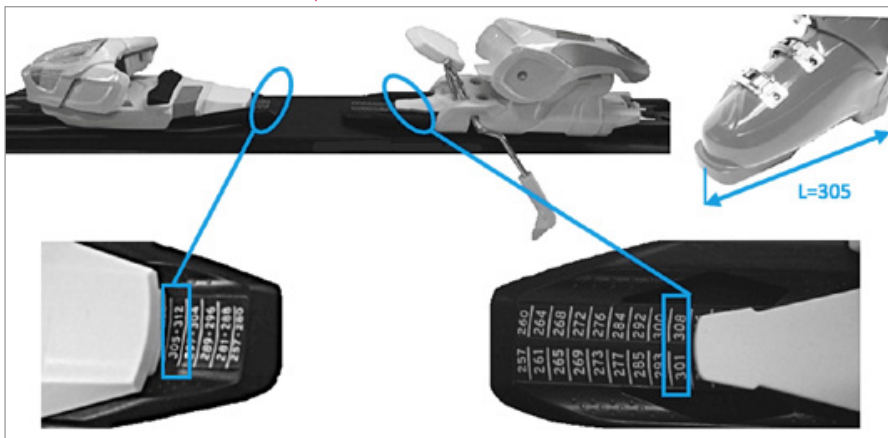
1 - Insert the toe piece from the front and position on the track according to the boot sole length ▼



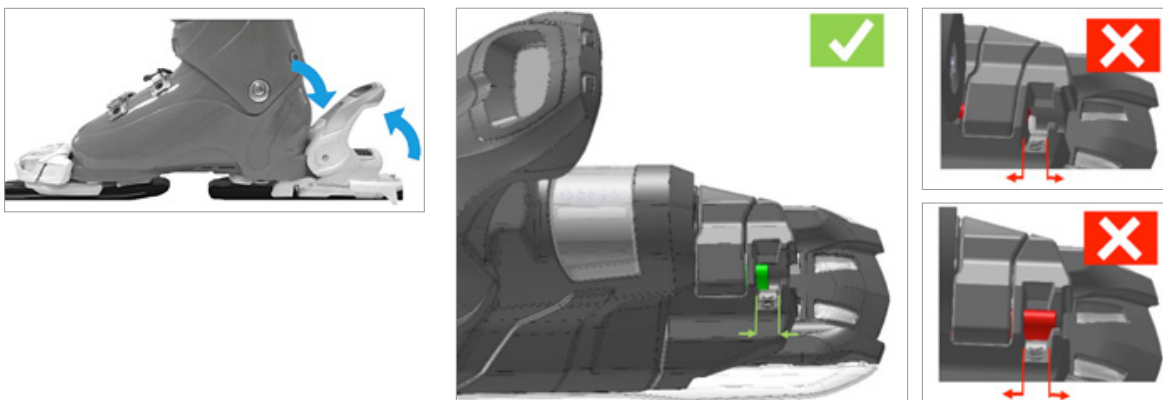
2 - Insert the heel and break piece from the back and position on the track according to the boot sole length ▼



3 - Boot sole length adjustment ▼



4 - Step in the boot and check forward pressure ▼



5 - Select and adjust the setting release values for toe and heel pieces ▼



EVOX ++ & FFG ++



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.

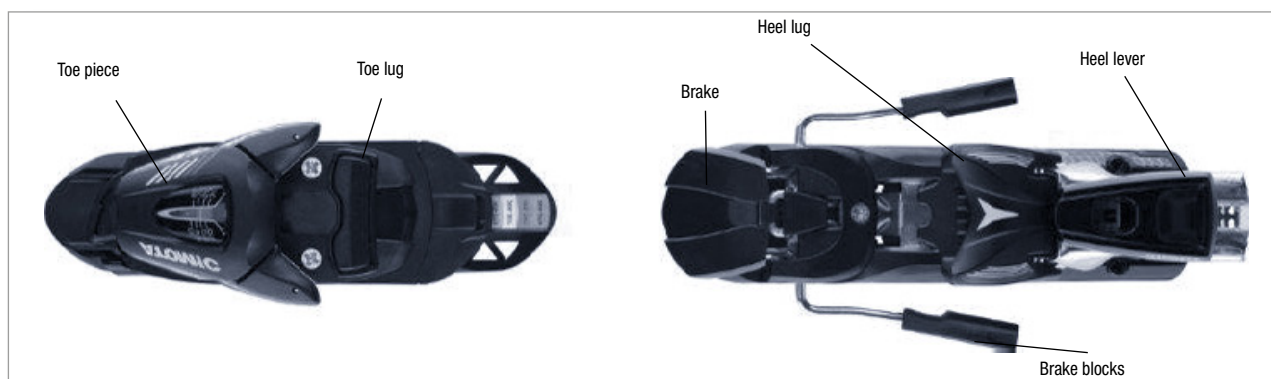
SOLE LENGTH ADJUSTMENT

Z & L SC (Synchro center) : 260mm – 384mm

TECHNOLOGY:

• Twin Pivot • Automatic Toe Height Adjustment • Rent Speed adjustment

WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



MODEL	WEIGHT	MOUNTING SCREWS WITHOUT/WITH ADAPTER	HEIGHT	Z-NUMBER
EVOX 10++	2,2 kg		30 mm	3 - 10
EVOX 7++	2,2 kg		30 mm	2 - 7,5
EVOX 045++	1,36 kg		20 mm	0,5 - 4,5

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)

MOUNTING Z / MOUNTING L

Follow the mounting procedure.

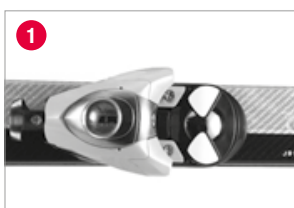
A Posidrive® n° 3 screwdriver, not a Phillips, must be used to mount ATOMIC bindings. Consult the Spare Parts Catalog for reference on screws.

Caution: Do not use a power driver! Tighten mounting screws carefully by hand.

It is advisable to hand check each screw after mounting.

TOE:

1. Pull the center mounting hole sliding track out from the binding far enough to insert the screw into the ski (fig. 1).
2. Tighten the screw until it is firmly seated and hold the toe to keep it from rotating on the ski.
3. Next, slide the toe piece towards the seated center screw until the two rear screws align with their respective holes (fig. 2).
4. Tighten the rear screws until they are firmly seated.
5. Make sure the toe is screwed tightly to the ski. The top of each screw should be flush with the base plate.



HEEL PIECE:

Place the heel over the prepared holes and tighten the screws using a crisscross screwing pattern.

MOUNTING INSTRUCTION EVOX ++ / FFG ++

SYNCHRO RENTAL

For mounting Synchro Rental bindings, follow the same procedure as for the retail bindings.

SYNCHRO CENTER

Contents of the box

- The heel mounted on a plate,
- The toe mounted on a sliding plate,
- The position indicator,
- The premounted track assembly with yellow screw (Adult skis).

Caution: the toes mounted on the sliding plate are specific to RENTAL products.

- Brake.

1. Position the rental jig (ref. Z 740002 or Z 740044 for a fat ski rental) on the ski.
2. Then drill through the jig's proper bushings. Follow the same procedure as for retail bindings (drilling, tapping, glue).
3. Mount the premounted track assembly orienting the sticker toward the back of the ski (fig.3).
4. Mount the heel aligning the holes, and tighten the screws (fig.4).



5. Mount the brake according to the usual procedure.
6. To Position the toe piece:
 - Place the toe, mounted on the sliding plate, in front of the track and slide it until it stops.
 - Depress the manual adjustment button (located on the front of the toe) and slide the toe all the way back.
 - Slide the indicator forward and clip it on the sliding plate (fig.5) either manually or with a flat screwdriver.
7. To adjust the toe: Hold the toe and depress the manual toe adjustment button. The toe is free to move (fig.6).
8. To take the toe off the track:
 - Place the toe on the A position of the position indicator.
 - Unclip the position indicator with a flat screwdriver (fig. 7).
 - Depress the manual toe adjustment button ; this way, the toe can slide forward off the track.

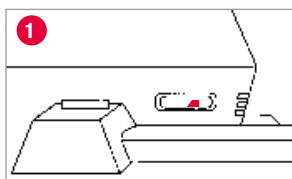


SYNCHRO CENTER

• Binding to boot adjustments without using the Synchrosysteme:

Easy glide manual heel adjustment:

- Position the boot in the toe piece.
- With one finger, simply lift the adjustment loop at the back of the heel and slide it forward until the binding cup contacts the boot heel.
- Release the loop, push boot down and check the forward pressure adjustment. To do this, you should see a little metal guide in the indicator (fig.1).

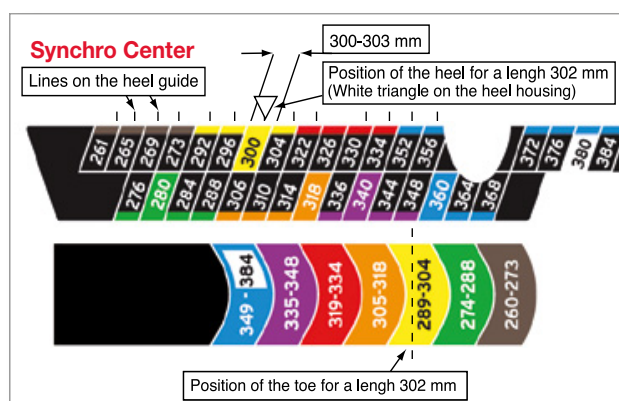


Note: If a correction is necessary, reopen the heel to move it and then re-check.

- **Wing adjustment:** Follow the procedure.
- **Rental toe height adjustment:** Follow the procedure.
- **Release value adjustment:**

All Atomic rental bindings must be adjusted by using the Adjustment chart.
- **Rental visual and mechanical inspection:**

Whenever a binding looks particularly dirty or if visual inspection reveals that something may be wrong with the system, the system should be cleaned, lubricated and subjected to mechanical inspection.



MAINTENANCE

Proper maintenance of rental systems includes a complete inspection of the entire rental inventory prior to the ski season.

This should be followed by periodic in-season inspections to help ensure that all components are functioning correctly.

Pre-season:

1. Visually inspect and clean all equipment in inventory.
2. Test all bindings using selected reference boots and a mechanical testing device.
3. Test a sampling of boots in inventory using selected reference bindings and a mechanical testing device.

In-season:

1. At specified intervals, select samples from inventory to be tested.
2. Inspect visually using the same procedures that apply to pre-season.

End of season:

To prepare the rental equipment for summer storage, lower all the binding release adjustments to the minimum. Close the binding heel pieces.

Visually inspect, clean, repair and lubricate each rental system:

1. To remove the heel, slide the housing backward off the track.
2. Clean the track with a damp rag or cloth. Do not use solvents, hot water or pressurized water to clean bindings. Solvents may cause permanent damage to the plastic structure by dangerously modifying the products' technical characteristics. The markings can also be erased.
3. Wipe any dirt from the underside of the heel housing and from the area under the open heel cup.
4. Apply Atomic grease (reference Z 740076) sparingly to the underside of the heel housing, the heel track and the area under the open heel cup.
5. Replace the heel on the track.
6. The brake is removable to facilitate ski maintenance.
7. Store in a cool, dark, ventilated place.

AID FOR APPLICATION OF ISO 13993

concerning

- rental ski shop practice
- sampling and inspection of complete and in-complete alpine ski-binding-boot systems in rental applications (this supplement does not replace ISO 13993).

To keep your rental equipment in good condition while minimizing liability we recommend the following program (this comes out of the ISO 13993 standard).

ICON 10 & 12



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

> **Alpine ski boots compliant with ISO 5355 standard.**

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

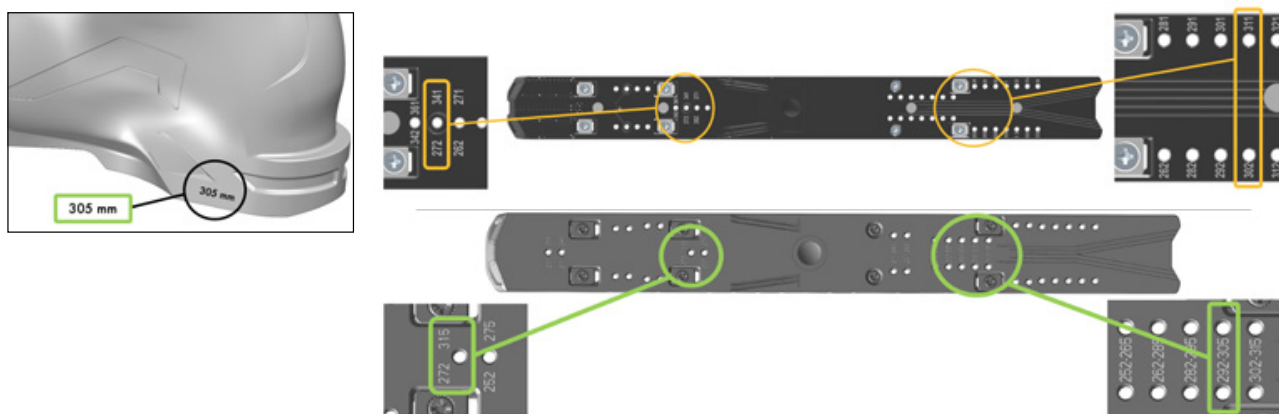
ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

SOLE LENGTH ADJUSTMENT 262mm – 361mm

MOUNTING & ADJUSTING

ICON 10 & 12 bindings should be installed on the race plates PL97-PL98-PL99 and JRP3 pre-mounted on skis.

1. Select the screw holes corresponding to your boot sole length.

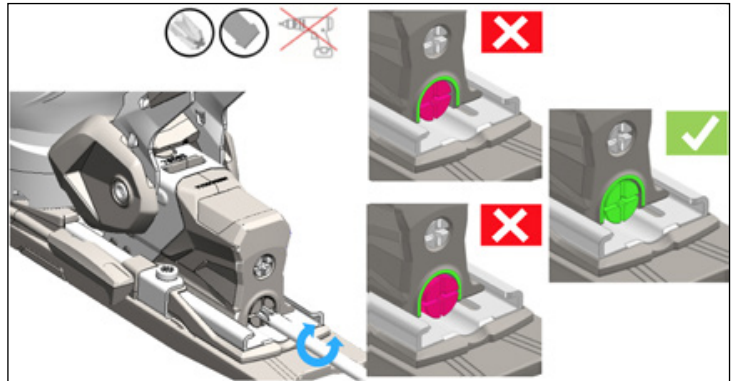
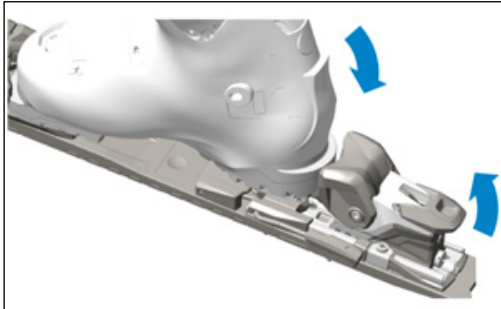


2. Mount the toe and the heel pieces by tightening the screws with a 4 N.m torque. Make sure the toe is perfectly placed against the plate.

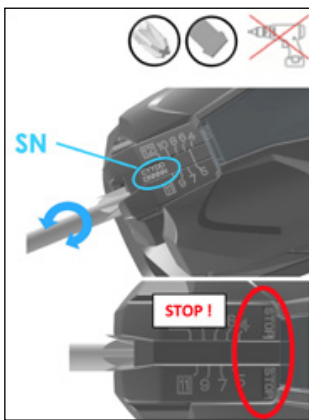


>>>

3. Check and adjust the forward pressure when the shoe is on the binding.



4. Adjust the setting release values for toe and heel pieces.



HEIGHT ADJUSTEMENT

This race binding is compatible with lifters. It is possible to purchase distance plates set, composed of two lifters and screws, which allow to elevate the binding from 1mm to 4mm.



WARNING: Make sure your lifter is compatible with your binding, respecting this chart >

LIFTERS SET COMPATIBILITY ICON 10 & 12

LIFTER HEIGHT	SPARE PART REFERENCE	
	TOE	HEEL
1mm	AZD000368001	AZD000378001
2mm	AZD000372001	AZD000380001
3mm	AZD000376001	AZD000382001
4mm	-	AZD000384001

PEDAL CHANGE

ICON 10 & 12 bindings can be modified changing the pedal, available as a spare part. This modification can transform your ICON 10 & 12 only compatible with ISO 5355 Alpine boots into a binding compatible with boots ISO 23223 GRIPWALK.

WARNING

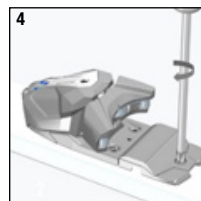
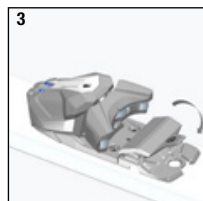
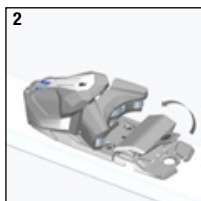
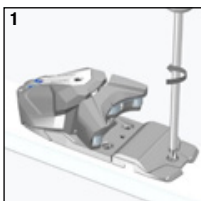
Make sure your boot is compatible with your binding, respecting this chart >



BOOT STAMPED WITH

	ALPINE SKI BOOTS (ISO 5355) TYPE A	GRIPWALK SKI BOOTS (ISO 23223) TYPE A
ISO 5355	●	✗
ISO 23223	●	●

MODIFICATION PROCEDURE



ICON 12 RS & ICON 16 RS



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

> **Alpine ski boots compliant with ISO 5355 standard.**

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing. Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

DISCLAIMER

The ICON 12/16 RS bindings were produced in a first version with a stainless-steel pedal (no plastic overmolding) which fulfils the ISO 9462 standard requirements and user's safety. In order to bring the products to the next level, the metallic pedal is plastic overmolded to get the TUV certification. Any user must be aware that this model is dedicated to expert skiers practicing or competing at a high level. This information should be given to the user before mounting the binding, so he is able to use this product knowingly.

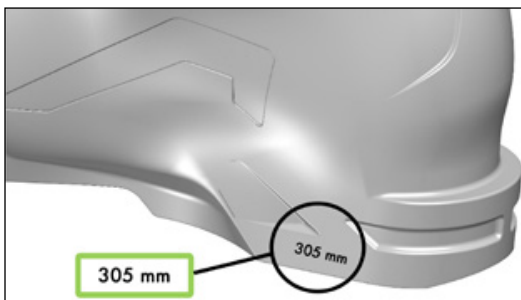
This information doesn't concern ICON 12/16 RS having a plastic pedal.

SOLE LENGTH ADJUSTMENT	262mm – 361mm
------------------------	---------------

MOUNTING & ADJUSTING

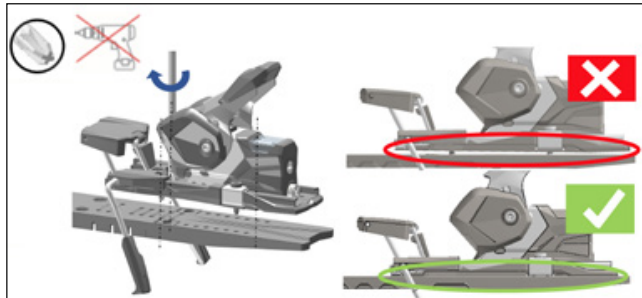
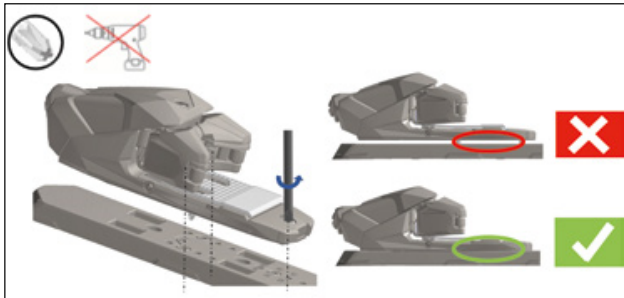
ICON 12 RS & ICON 16 RS bindings should be installed on the race plates PL97-PL98-PL99 pre-mounted on skis.

1. Select the screw holes corresponding to your boot sole length.

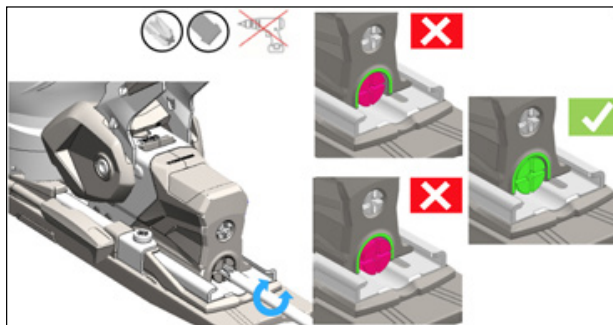
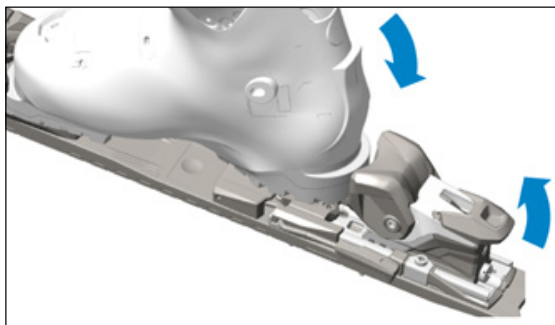


>>>

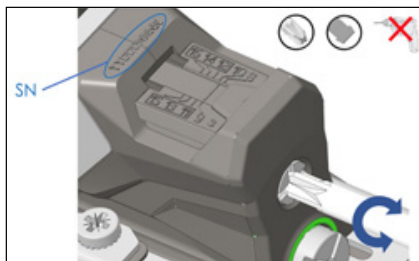
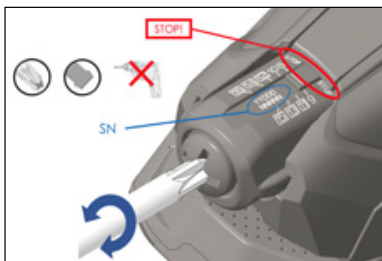
2. Mount the toe and the heel pieces by tightening the screws with a 4 N.m torque. Make sure the toe is perfectly placed against the plate.



3. Check and adjust the forward pressure when the shoe is on the binding.



4. Adjust the setting release values for toe and heel pieces.



HEIGHT ADJUSTEMENT

This race binding is compatible with lifters. It is possible to purchase distance plates set, composed of two lifters and screws, which allow to elevate the binding from 1mm to 4mm.



LIFTERS SET COMPATIBILITY ICON 12 RS & 16 RS

LIFTER HEIGHT	SPARE PART REFERENCE	
	TOE	HEEL
1mm	AZD000386	AZD000378001
2mm	AZD000388	AZD000380001
3mm	AZD000390	AZD000382001
4mm	AZD000392	AZD000384001

WARNING: Make sure your lifter is compatible with your binding, respecting this chart >

ICON 24 & ICON 30



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING : BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT TO ISO 5355 STANDARD



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

> **Alpine ski boots compliant with ISO 5355 standard.**

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)	
TYPE A (Adult)	TYPE C (Children)
●	✗

DISCLAIMER

ICON 30 & ICON 24 model bindings are dedicated to expert skiers practicing or competing at a very high level. Their use is reserved exclusively for expert adult skiers who are fully aware of the risks incurred and who assume the risk of their use. Consequently, this product should not be resold, given to a third party, or used by children.

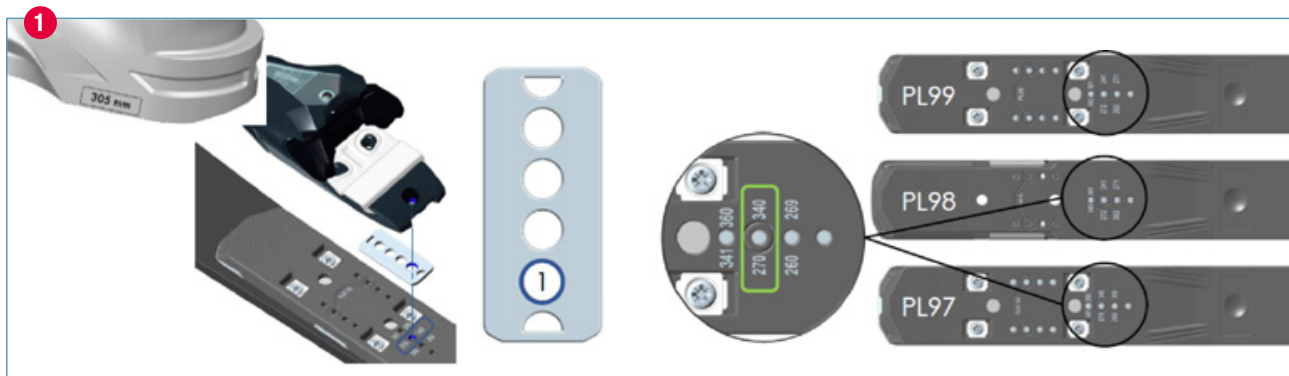
These ski bindings feature release settings that are considerably above international norms and recommendations. Settings above the international norms may cause serious injuries or death of the user. Do not use these model bindings, if you are not an expert adult skier.

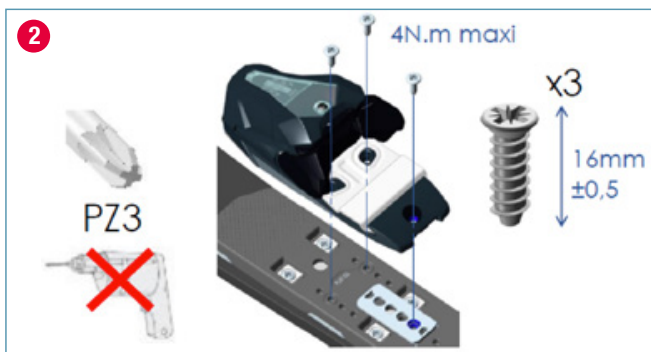
This information should be given to the user before mounting the bindings. Each version of the disclaimer delivered with the binding must be signed and kept by the user and by the retailer/person in charge of the mounting.

MOUNTING & ADJUSTING

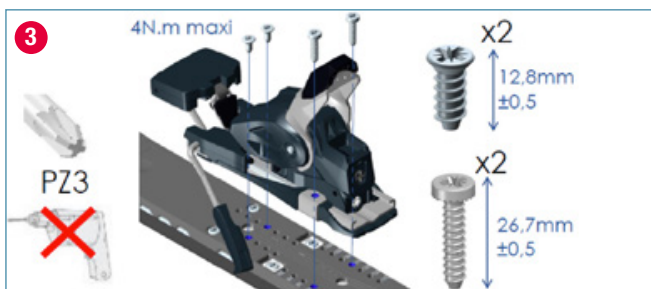
ICON 24 & ICON 30 bindings should be installed on race plates PL97/PL98/PL99 pre-mounted on skis.

1. Put the toe piece and the rectangular tongue to the central hole corresponding to the boot sole length range.

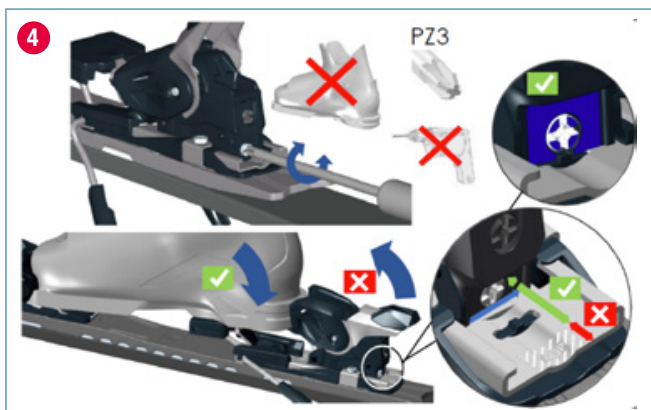
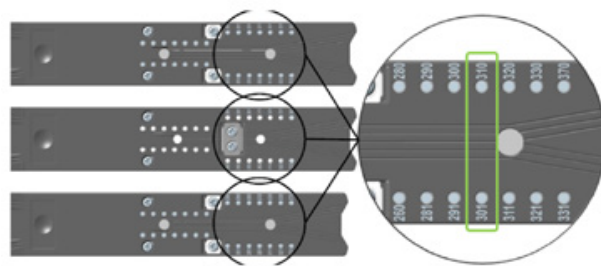




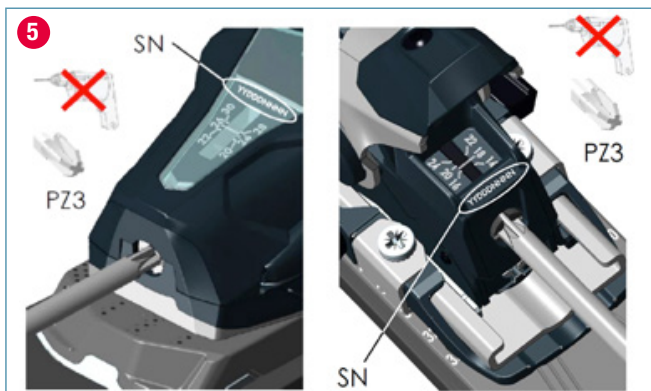
2. Mount the toe piece by tightening the 16mm long screws with a 4 N.m torque.



3. Mount the heel piece by selecting the rear holes corresponding to the boot sole length and by tightening the screws with a 4N.m torque. 12.8mm long screws must be used for the 2 front holes and 26.7mm long screws for the 2 rear holes.



4. Adjust the forward pressure when the boot is out of the binding. Check the right adjustment by stepping-in the boot without pulling on the heel lever with your hand. If the adjustment is not good, step out the shoe and reiterate the operation.



5. Adjust the setting release values for toe and heel pieces.

HEIGHT ADJUSTEMENT:

This race binding is compatible with lifters. It is possible to purchase separately "distance plates" which allow to elevate the binding from 1mm to 4mm.

HEIGHT ADJUSTEMENT

This race binding is compatible with lifters. It is possible to purchase distance plates set, composed of two lifters and screws, which allow to elevate the binding from 1mm to 4mm.

WARNING: Make sure your lifter is compatible with your binding, respecting this chart >

LIFTERS SET COMPATIBILITY ICON 24 & ICON 30



LIFTER HEIGHT	SPARE PART REFERENCE	
	TOE	HEEL
1mm	AZD000386	AZD000394
2mm	AZD000388	AZD000396
3mm	AZD000390	AZD000398
4mm	AZD000392	AZD000400

BOOTS & BINDING COMPATIBILITIES

#2

GRIP[®] WALK

BINDINGS INTENDED TO BE USED ONLY WITH:

- ▶ ALPINE BOOTS COMPLIANT WITH ISO 5355 STANDARD
- ▶ ALPINE BOOTS COMPLIANT WITH ISO 23223 STANDARD
- ▶ SKI BOOTS EQUIPPED WITH «GRIPWALK» ISO 23223 STANDARD PADS



X12 TL GW & X14 TL GW	55
M12 GW WITH LEISURE TRAK PLATE	57
M12 GW	59
M10 GW, MERCURY R10 GW & M11 GW WITH LEISURE TRAK PLATE	61
C5 GW - COLT R5 GW WITH JUNIORTRAK PLATE	63
L6 GW (LEISURE R6 GW) WITH JUNIORTRAK PLATE	65
N STAGE 10 & 11 GW	67
NR STRIVE R11 & R13 GW	69
N STRIVE 12 & 14 GW	71
N COLT 5 GW A&C	73
N COLT 7 GW	75
F12 GW WITH FLEXTRAK PLATE	77
F11 GW / FT10 GW WITH EASYTRAK PLATE	79
L10 GW WITH EASYTRAK PLATE	81

WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- > ALPINE SKI BOOTS COMPLIANT WITH ISO 5355 STANDARD
- > ALPINE BOOTS COMPLIANT WITH ISO 23223 STANDARD
- > SKI BOOTS EQUIPPED WITH « GRIPWALK » LABELLED KIT OF WALKING SOLES

NOTE: ISO 23223 is the new standard for shoes labeled GripWalk. Older models labeled Gripwalk ISO 9523 are still compatible with GripWalk bindings. For further information about compatibility before season 2022, please refer to the corresponding technical manual.

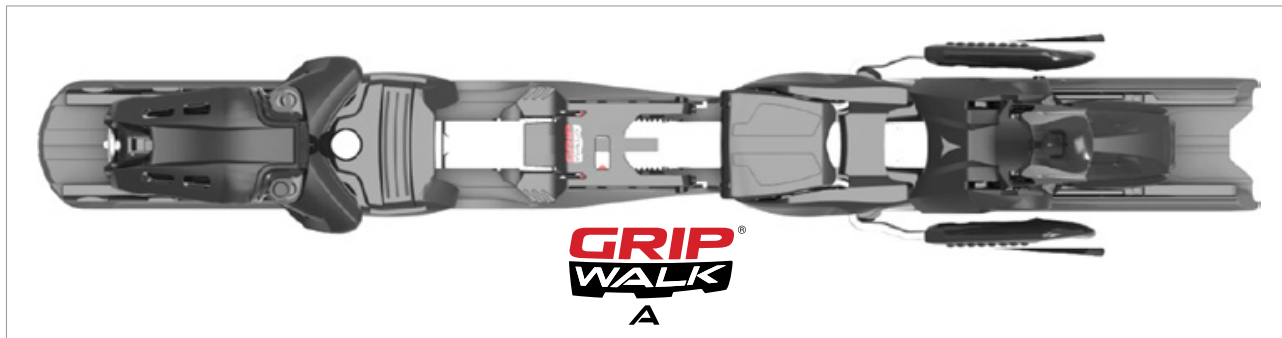
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

X12 TL GW & X14 TL GW



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	✗	●	✗

SOLE LENGTH ADJUSTMENT	260mm – 360mm
------------------------	---------------



WARNING



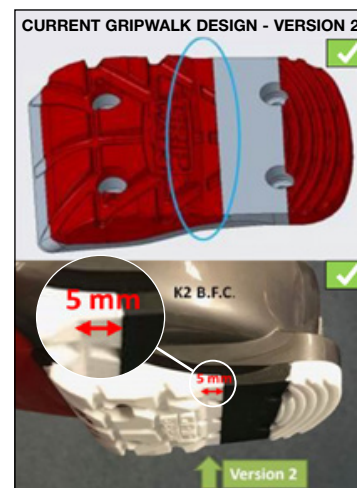
TO BE COMPATIBLE WITH GRIPWALK BOOTS, THE CENTRAL LEVER OF THE PLATE MUST BE MARKED WITH THE GRIPWALK LOGO.

WITHOUT THIS LOGO ON THE LEVER, COMPATIBILITY IS NOT POSSIBLE.

GRIPWALK COMPATIBILITY EXCLUSION



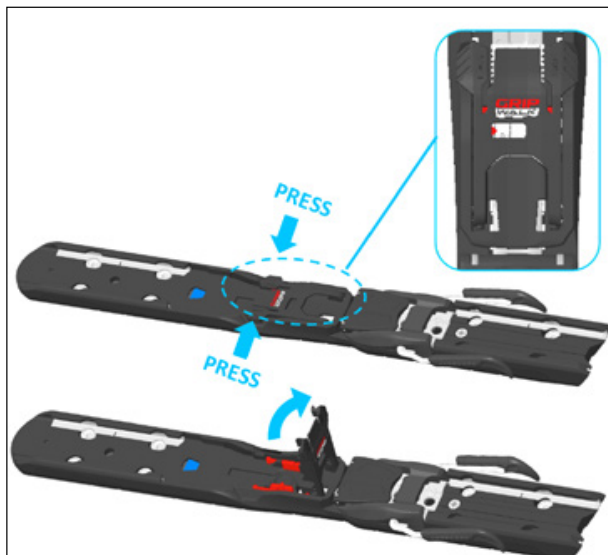
NO COMPATIBILITY of K2 BFC boot with GripWalk outsole Version 1



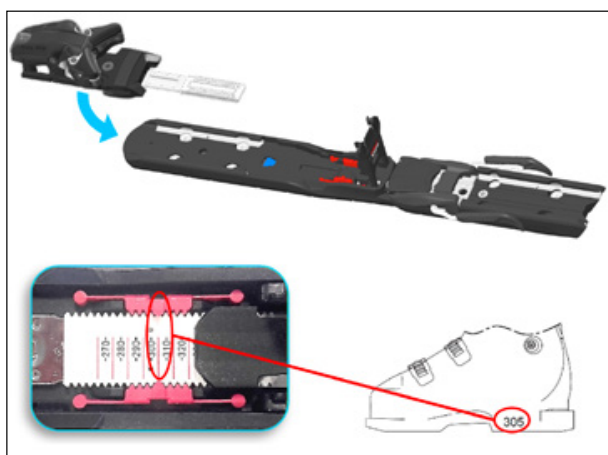
OK COMPATIBILITY of K2 BFC boot with Gripwalk outsole version 2

MOUNTING & ADJUSTING

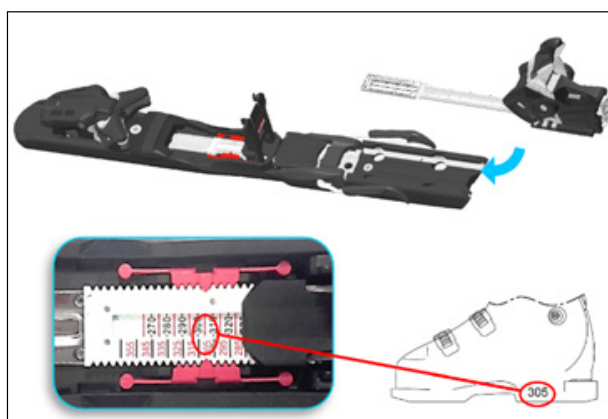
1. Open the central lever.



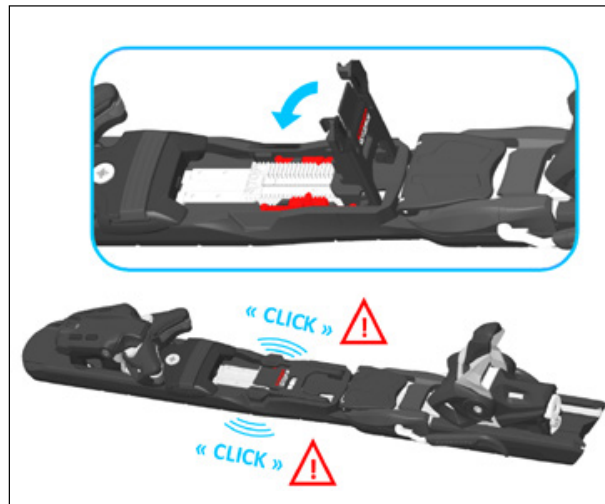
2. Insert the toe piece and position on the track according to the boot sole length.



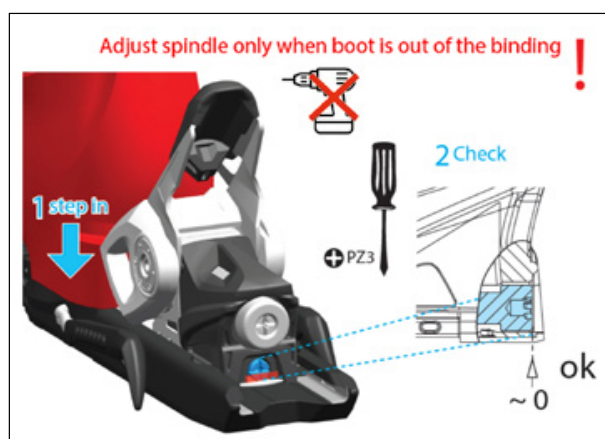
3. Insert the heel piece and position it on the track according to the boot sole.



4. When the binding is adjusted to the sole length, locked the central lever, and check that the lever is completely closed.



5. Select and adjust the setting release values for toe and heel pieces. Step-in the boot, check and adjust the forward pressure.



M12 GW WITH LEISURE TRAK PLATE



TO BE MOUNTED BY A ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	×	●	×

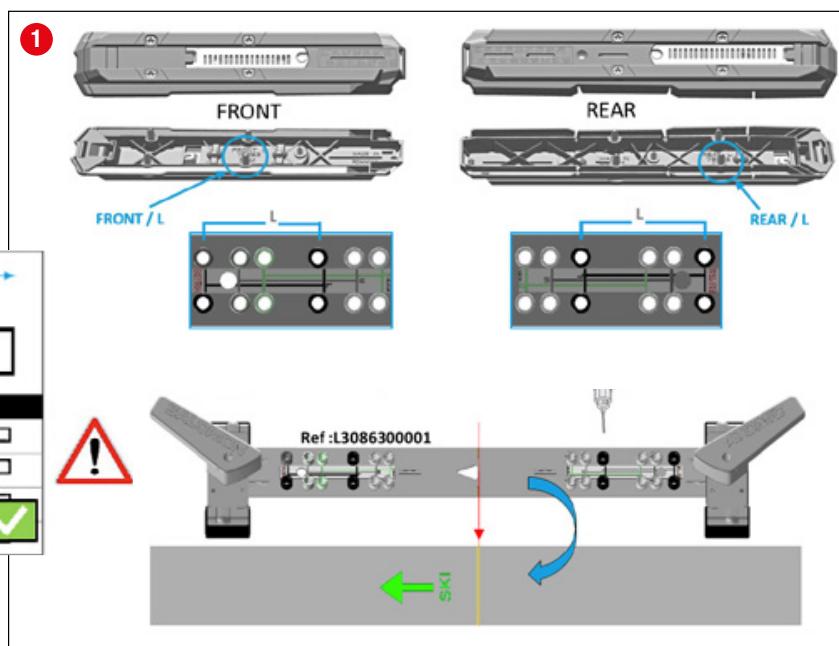
SOLE LENGTH ADJUSTMENT

Size M: 253mm – 320mm / Size L: 257mm – 380mm

MOUNTING & ADJUSTING

- For mounting M12 GW bindings on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding.

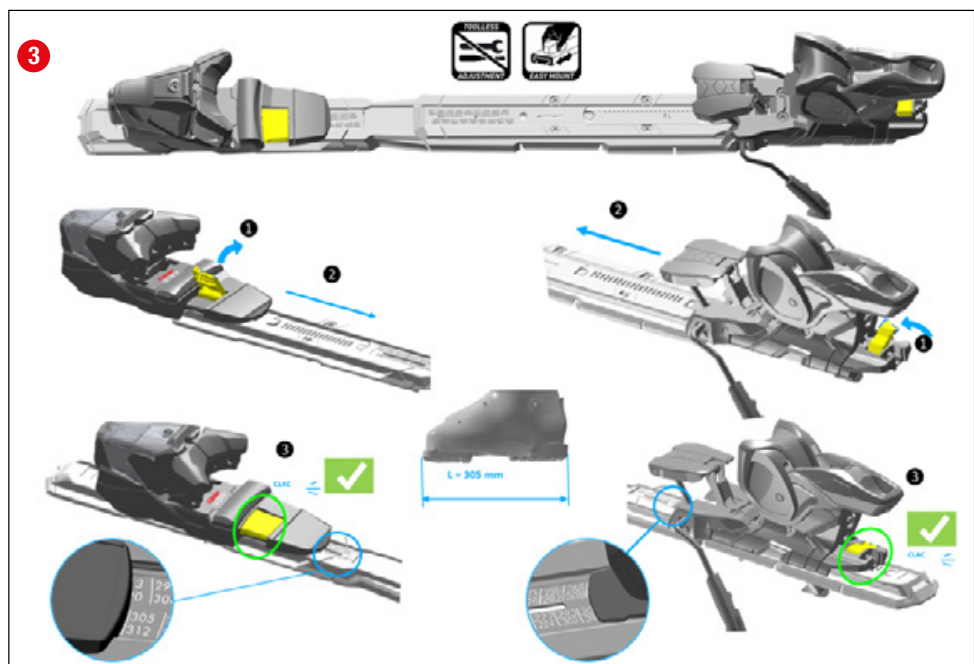
Skis	Diameter	Length	Aspect
Junior Ski Group 3 & 4	4.1 mm	9.5 mm	
Adult Ski Group 1 & 2	4.1 mm	9.5 mm	
	3.6 mm	9.5 mm	



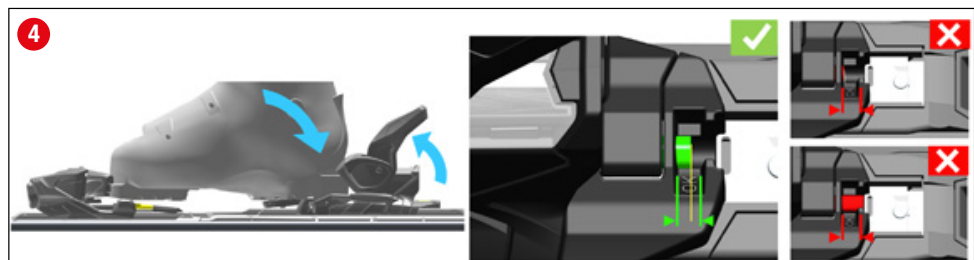
2. Mount the front and the rear plate on ski by tightening the screws at 4 N.m



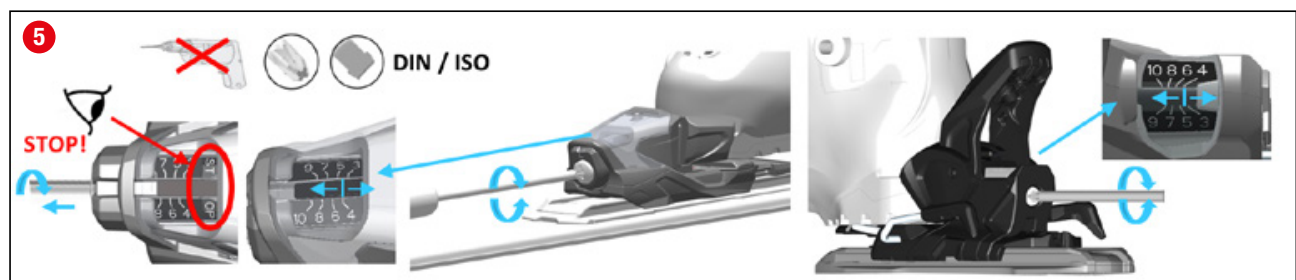
3. Insert the toe and the heel piece and position on the track according to the boot sole length.



4. Step-in the boot and check the forward pressure. The forward pressure must be in the "OK" area.



5. Select and adjust the setting release values for toe and heel pieces. Concerning the DIN adjustment of the toe, do not go beyond the adjustment zone marked by the STOP. ▼



MI 12 GW



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing. Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

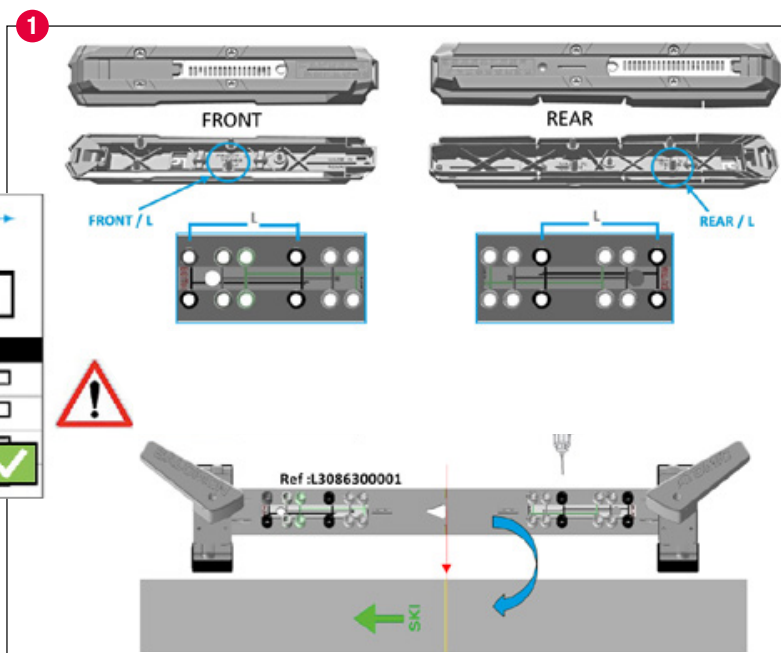
SOLE LENGTH ADJUSTMENT	Size M: 253mm – 320mm / Size L: 257mm - 380mm
-------------------------------	---

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult)	TYPE C (Children)
		GRIP WALK	GRIP WALK
●	✗	●	✗

MOUNTING & ADJUSTING

- For mounting Mi 12 GW bindings on skis, holes have to be drilled with the Atomic mounting jig (ref. AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding.

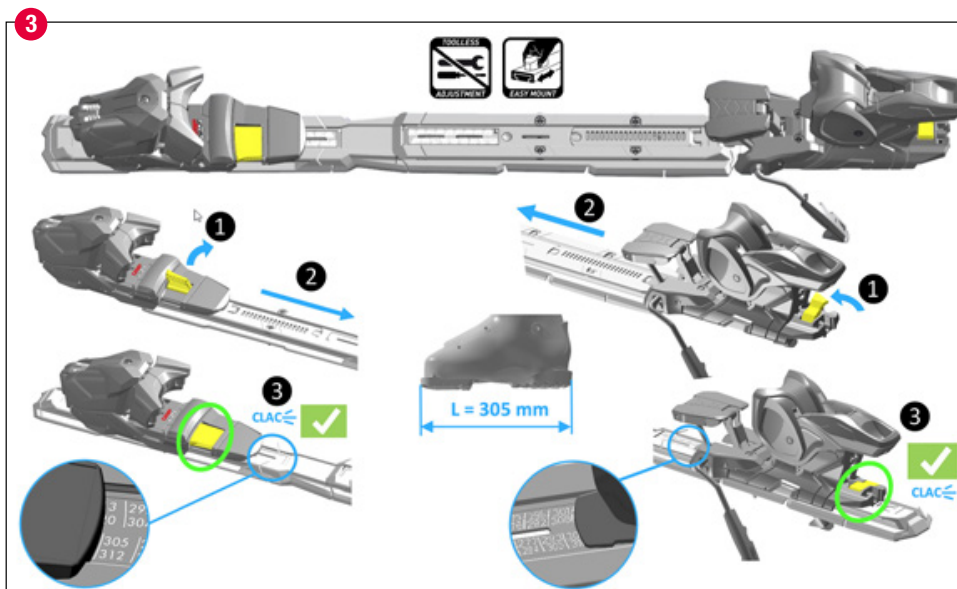
Skis	Diameter	Length	Aspect
Junior	4 mm	9.5 mm	
Ski Group 3 & 4	4.1 mm	9.5 mm	
Adult	4.1 mm	9.5 mm	
Ski Group 1 & 2	3.6 mm	9.5 mm	✓



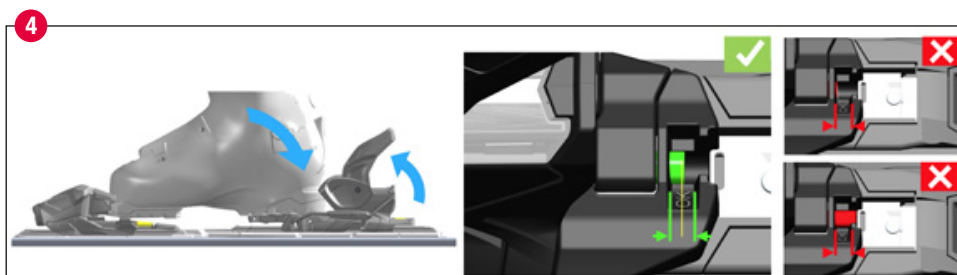
>>>



2. Mount the front and the rear plate on ski by tightening the screws at 4 N.m

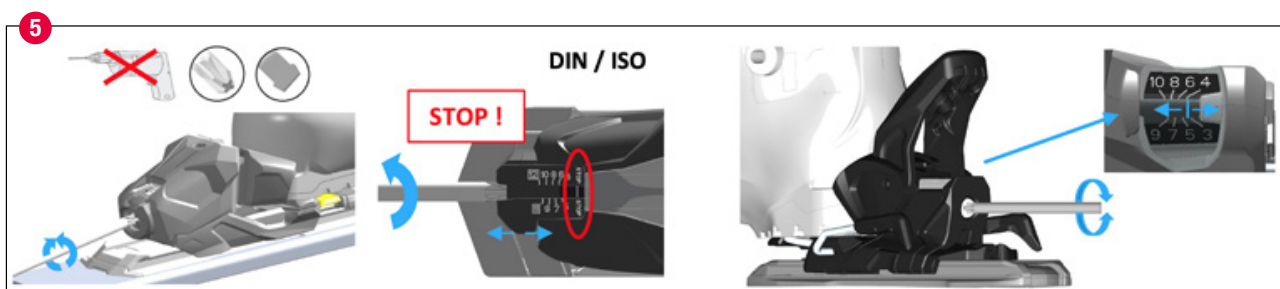


3. Insert the toe and the heel piece and position on the track according to the boot sole length.



4. Step-in the boot and check the forward pressure. The forward pressure must be in the "OK" area.

5. Select and adjust the setting release values for toe and heel pieces. Concerning the DIN adjustment of the toe, do not go beyond the adjustment zone marked by the STOP. ▼



M10 GW, MERCURY R 10 GW & M11 GW WITH LEISURE TRAK PLATE



TO BE MOUNTED BY A ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	✗	●	✗

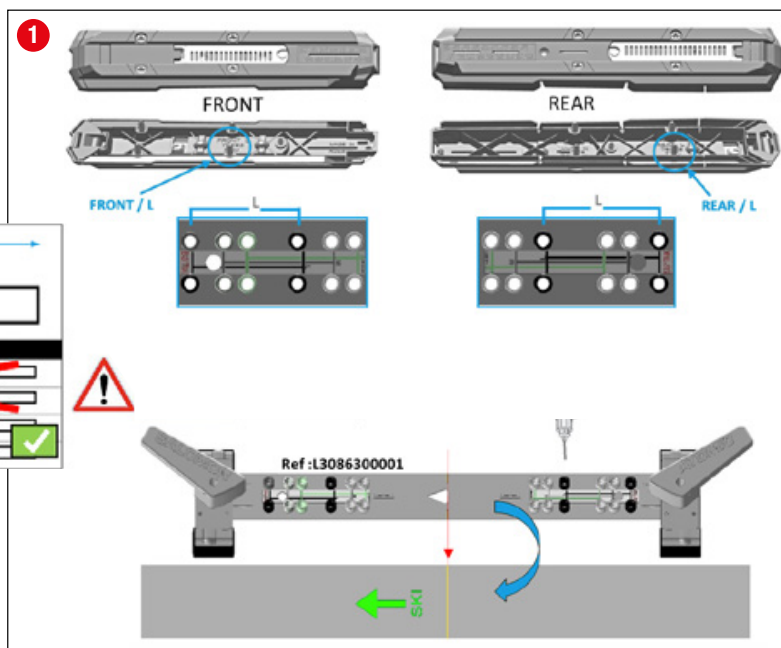
SOLE LENGTH ADJUSTMENT

Size M: 253mm – 320mm / Size L: 257mm – 380mm

MOUNTING & ADJUSTING

- For mounting M10 GW, MERCURY R 10 GW & M11 GW GW bindings on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding.

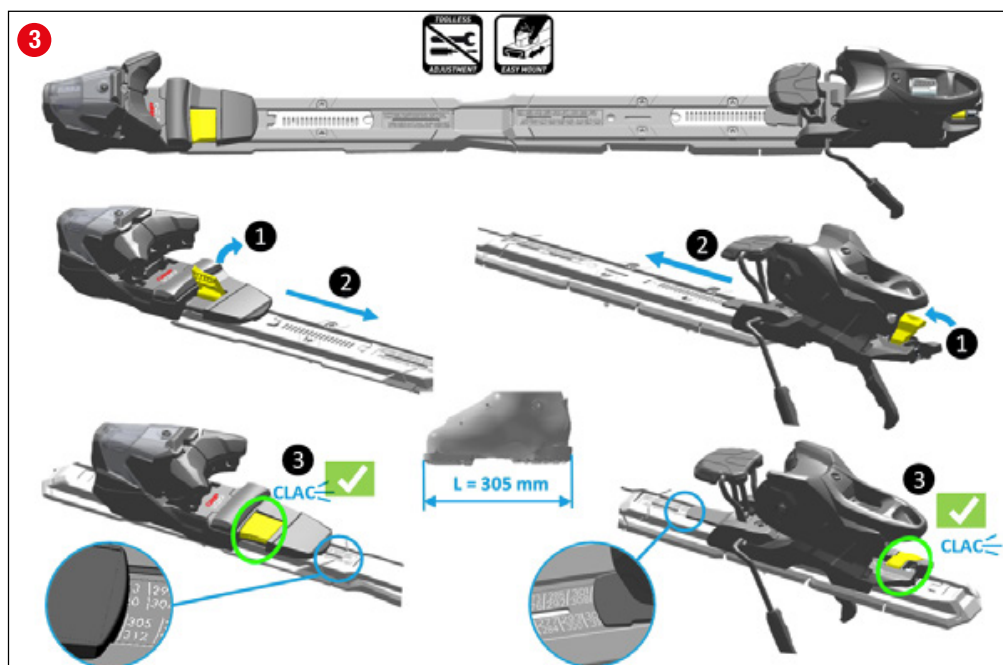
Ski	Diameter	Length	Aspect
Junior Ski Group 3 & 4	4.1 mm	95 mm	✗
Adult Ski Group 1 & 2	4.1 mm	95 mm	✓
	3.6 mm	95 mm	✗



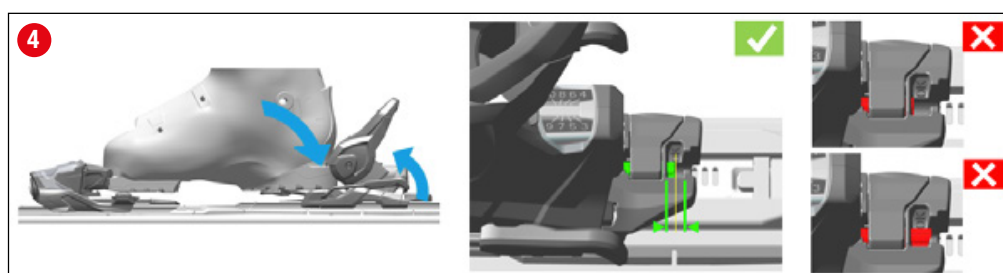
2. Mount the front and the rear plate on ski by tightening the screws at 4 N.m.



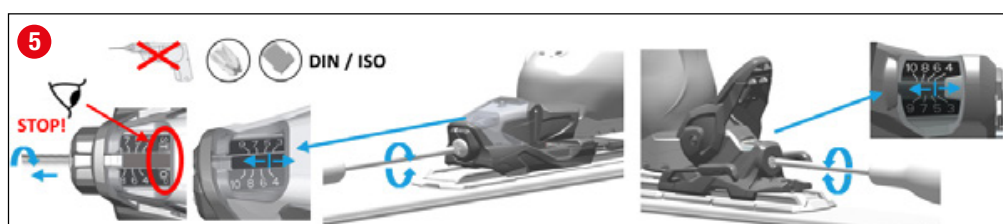
3. Insert the toe and the heel piece and position on the track according to the boot sole length.



4. Step-in the boot and check the forward pressure. The forward pressure must be in the "OK" area.



5. Select and adjust the setting release values for toe and heel pieces.



C5 GW - COLT R5 GW WITH JUNIORTRAK PLATE



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

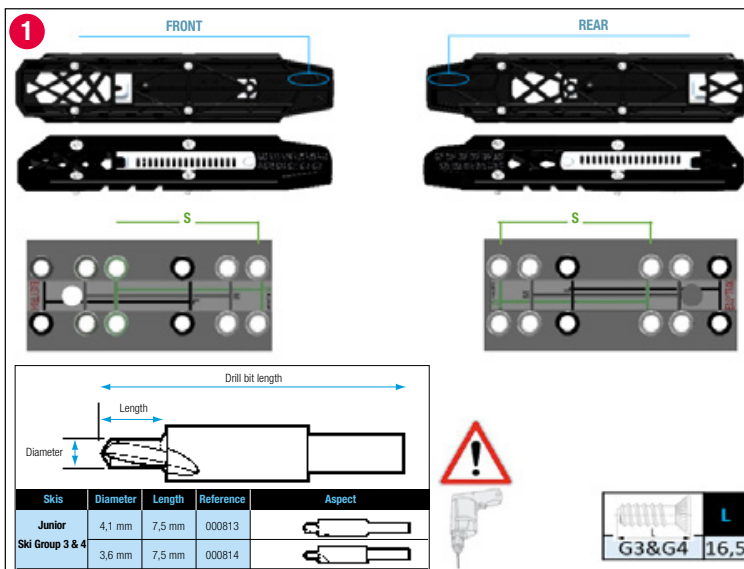
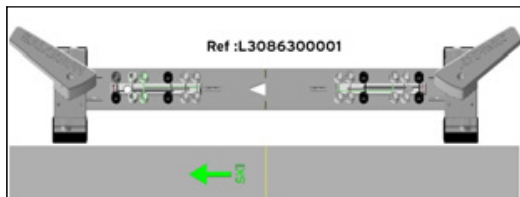
Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	●	●	●

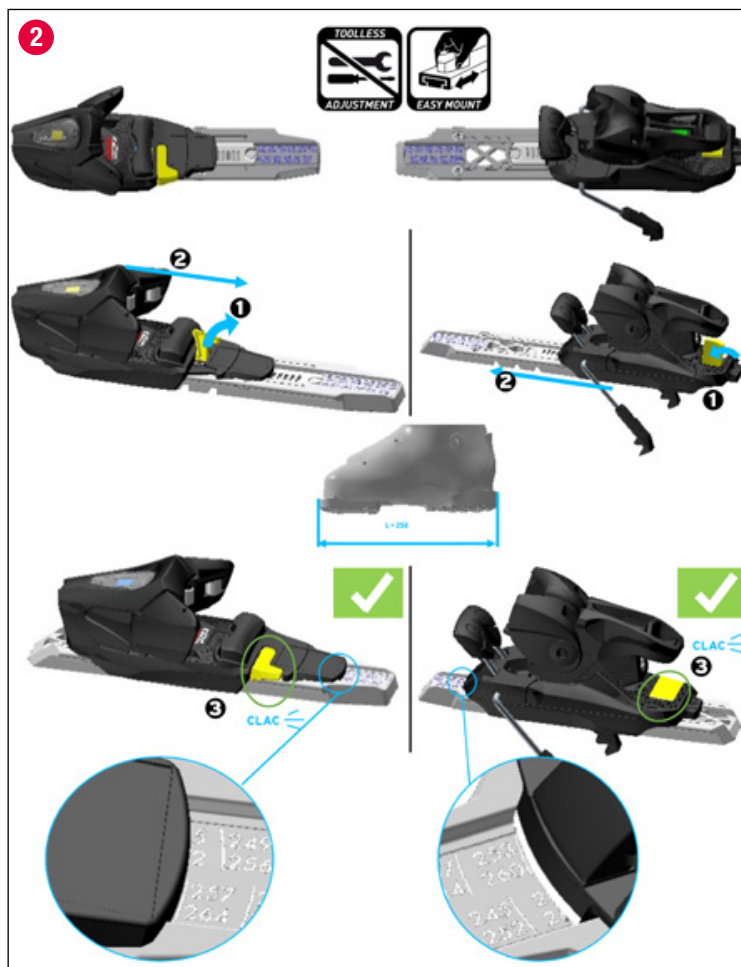
MOUNTING & ADJUSTING

- For mounting C5 GW binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding.

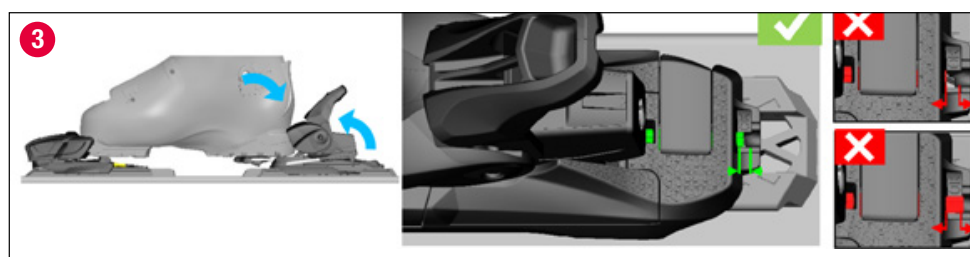
Mount the front and the rear plate on ski by tightening the screws at 3 N.m (ski G3&G4)



2. Insert the toe and the heel piece and position on the track according to the boot sole length.

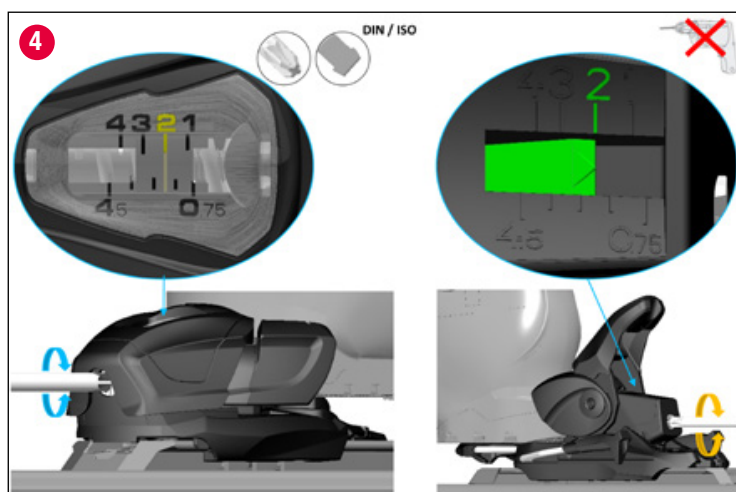


3. Step-in the boot and check the forward pressure.



4. Select and adjust the setting release values for toe and heel pieces.

Concerning the DIN setting of the heel, the end of the green indicator must be aligned with the number.



L6 GW (LEISURE R6 GW) WITH JUNIORTRAK PLATE



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

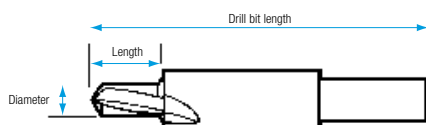
Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

SOLE LENGTH ADJUSTMENT	Size M: 253mm – 336mm
------------------------	-----------------------

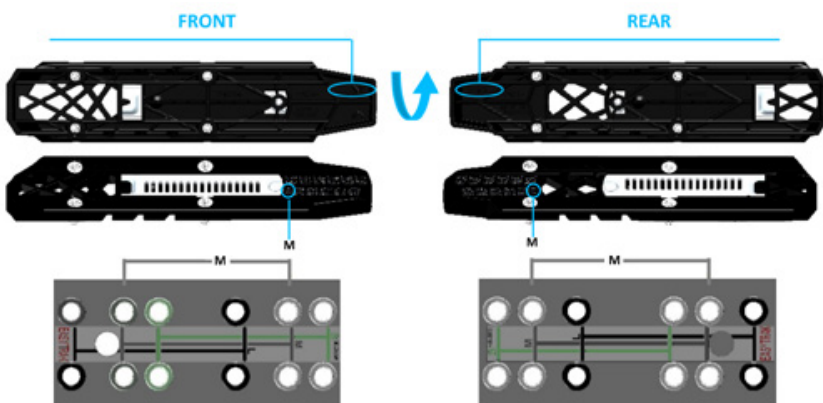
ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	●	●	●

MOUNTING & ADJUSTING

- For mounting L6 GW binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding.



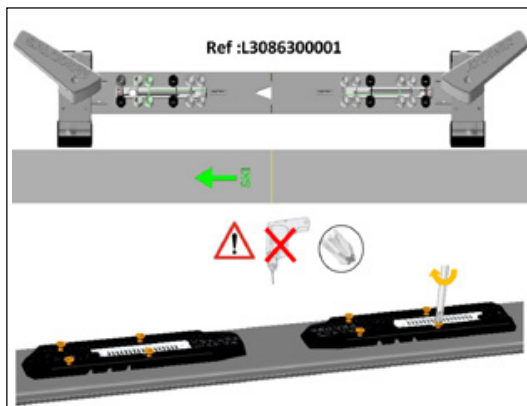
Skis	Diameter	Length	Reference	Aspect
Junior Ski Group 3 & 4	4,1 mm	7,5 mm	000813	
	3,6 mm	7,5 mm	000814	
Adult Ski Group 1 & 2	4,1 mm	9,5 mm	000893	
	3,6 mm	9,5 mm	000892	



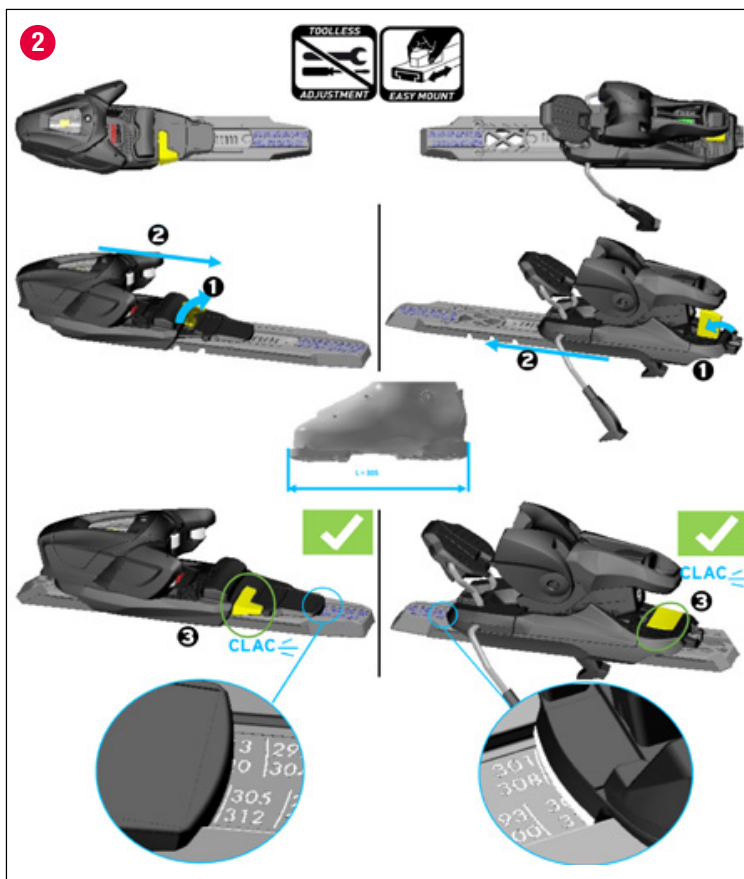
G3&G4	16,5
G1&G2	18,8

>>> L6 GW (LEISURE R6 GW) WITH JUNIORTRAK PLATE

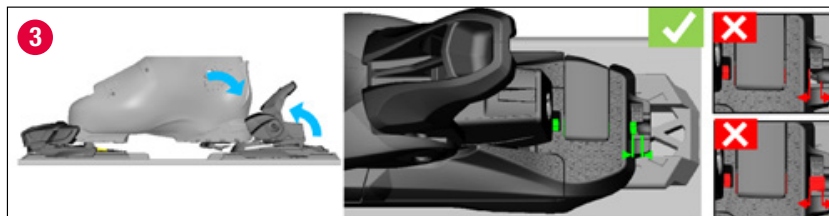
>>> Mount the front and the rear plate on ski by tightening the screws at 4 N.m (ski G1/G2) or 3 N.m (ski G3/G4).



2. Insert the toe and the heel piece and position on the track according to the boot sole length.

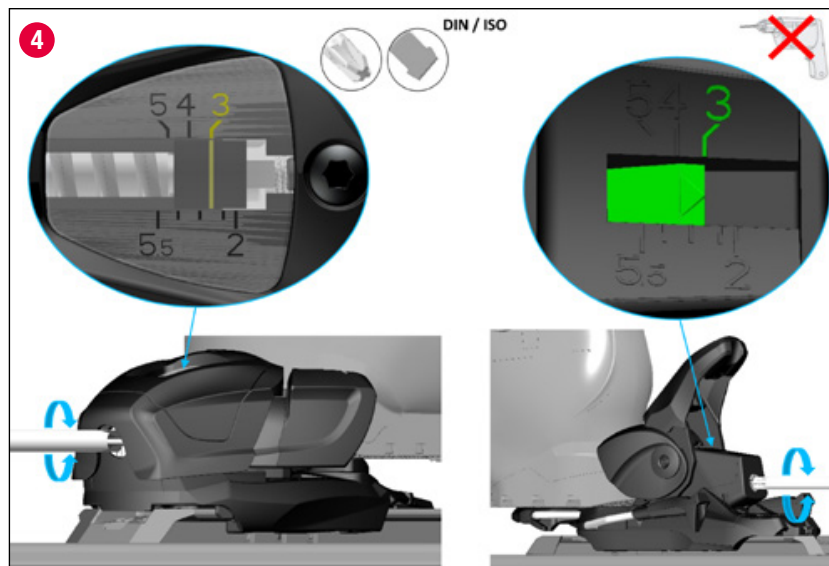


3. Step-in the boot and check the forward pressure.



4. Select and adjust the setting release values for toe and heel pieces.

Concerning the DIN setting of the heel, the end of the green indicator must be aligned with the number



N STAGE 10 & 11 GW



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

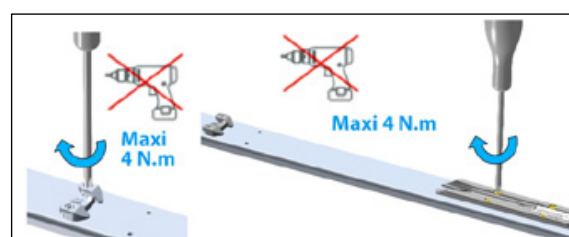
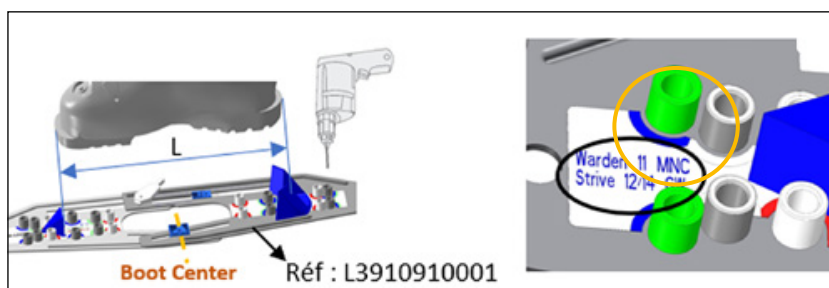
Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult)	TYPE C (Children)
●	✗	●	✗

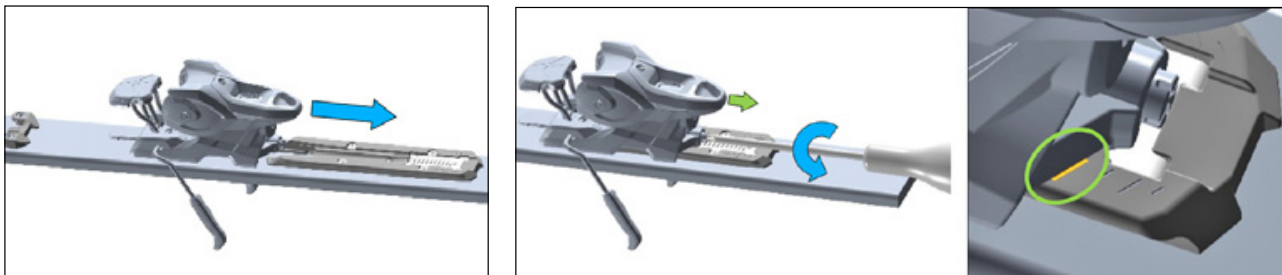
MOUNTING & ADJUSTING

- For mounting N STAGE 10 or 11 GW binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000426 / L3910910001 / RD0000126) to ensure a proper alignment of the binding.

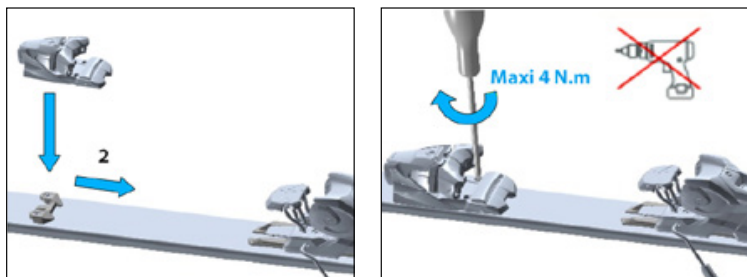
Screw the base, taking care to hold it so that it does not rotate. Then mount the rear plate on ski by tightening the screws at 4 N.m



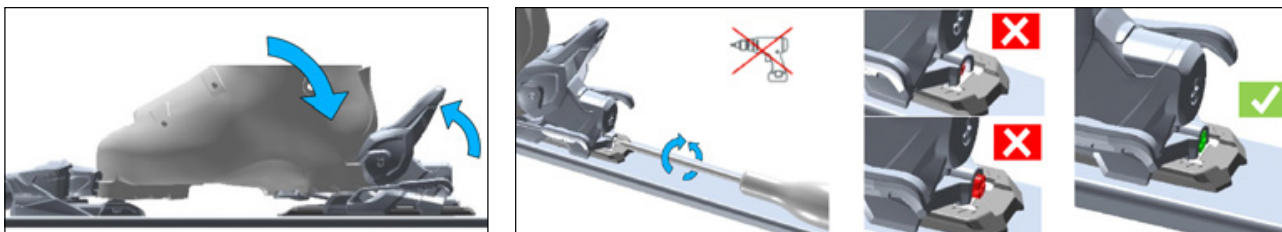
2. Insert the heel and brake piece from the front position of the plate. Then screw on the heel until it aligns with the reference line on the plate.



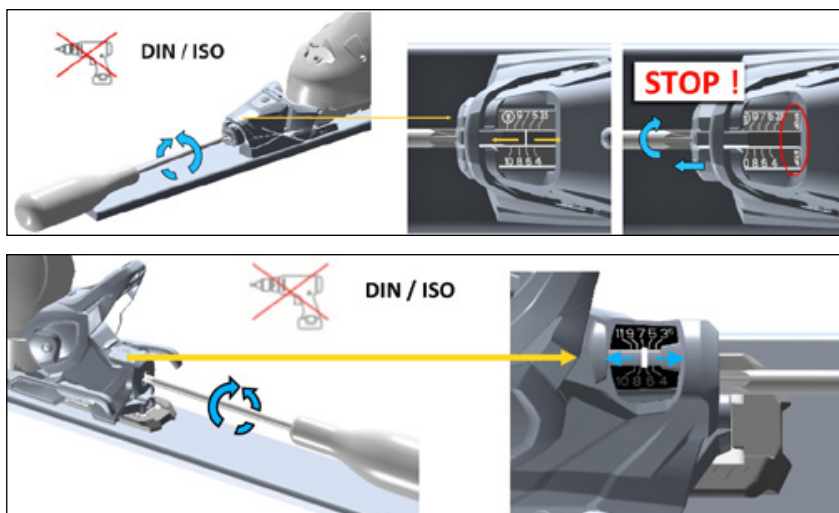
3. Engage the toe vertically to the holder screw, slide the toe backwards, then tighten the 2 screws at 4N.m



4. Step-in the boot, check and adjust the forward pressure



5. Select and adjust the setting release values for toe and heel pieces. Concerning the DIN adjustment of the toe, do not go beyond the adjustment zone marked by the STOP.



NR STRIVE R11 & R13 GW



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

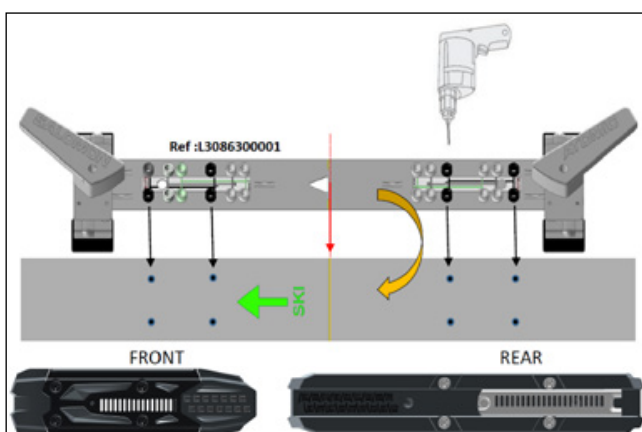
Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult)	TYPE C (Children)
●	✗	●	✗

SOLE LENGTH ADJUSTMENT

253mm-376mm

MOUNTING & ADJUSTING

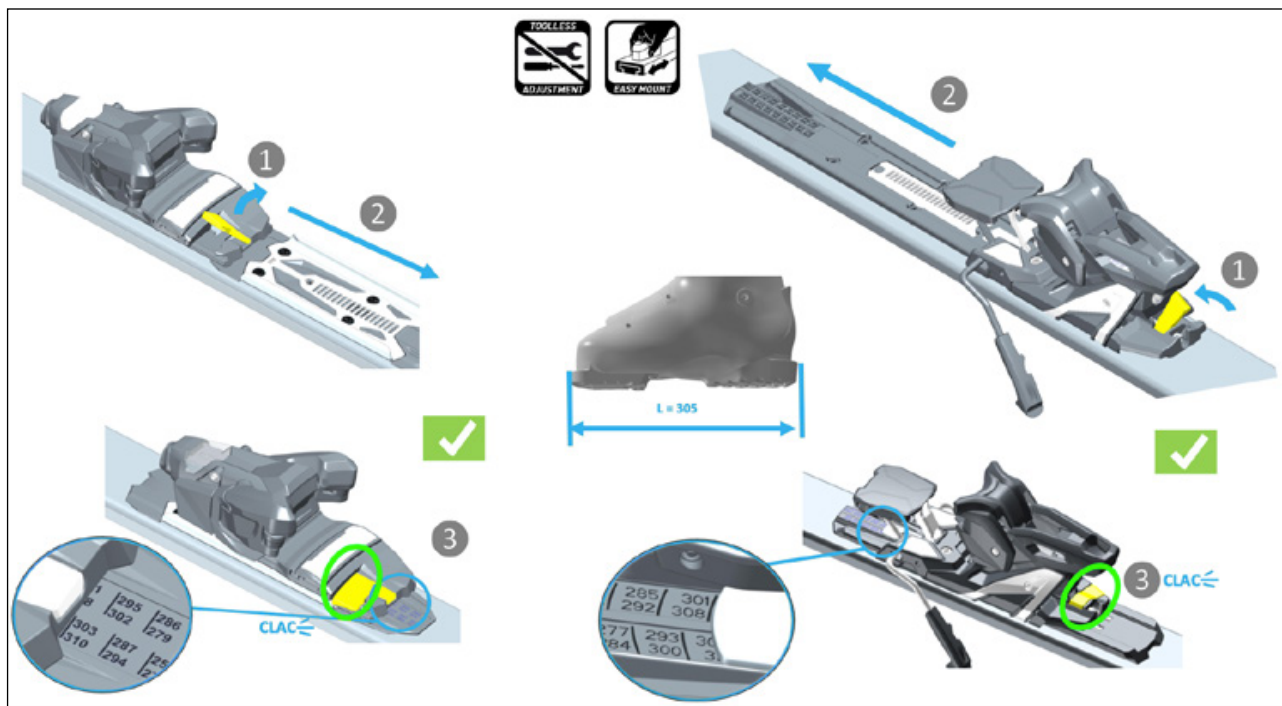


1. For mounting NR STRIVE R11 or R13 GW on skis, holes must be drilled with Atomic mounting jig (ref AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding. Mount front and rear plates on ski by tightening the screws with a 4 N.m torque.

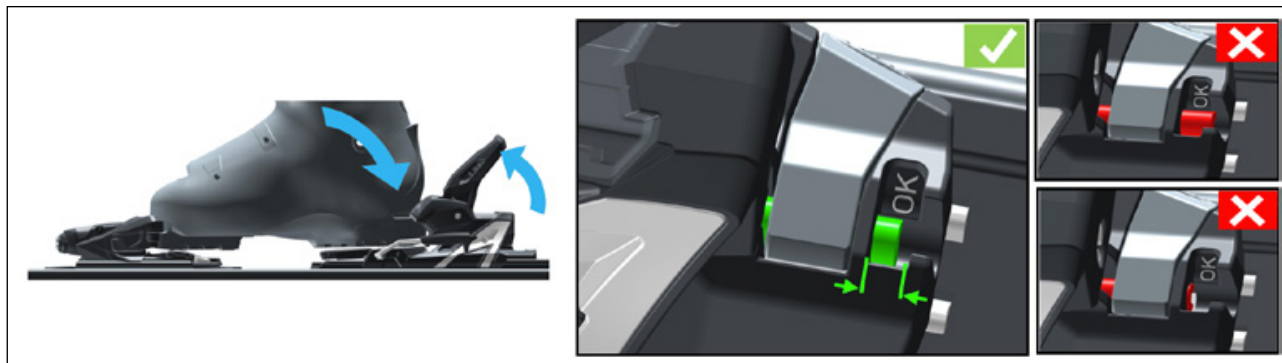


>>>

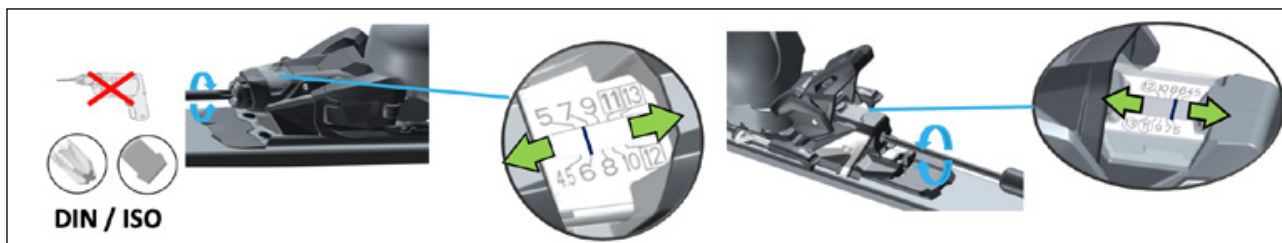
2. Insert the toe piece from the front and the heel piece from the back on their respective plates. Adjust it properly according to the boot sole length.



3. Step in the boot. Check and adjust the forward pressure.



4. Select and adjust the setting release values for toe and heel pieces.



N STRIVE 12 & 14 GW



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

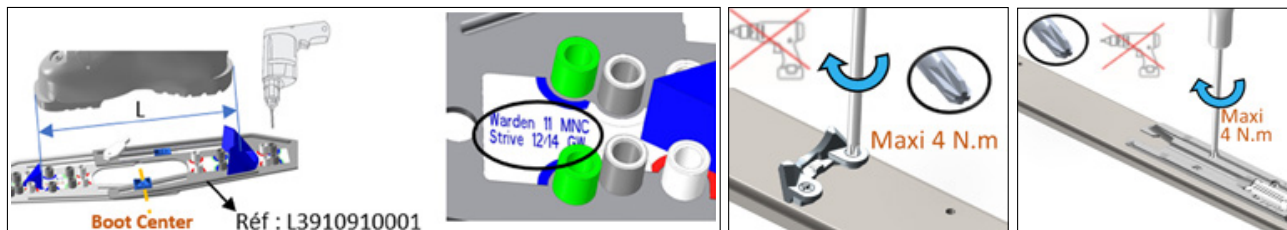


- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing. Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult)	TYPE C (Children)
●	✗	●	✗

MOUNTING & ADJUSTING

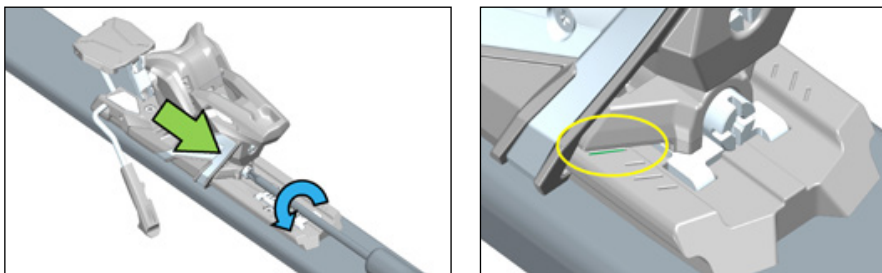


1. For mounting N STRIVE 12 or 14 GW on skis, holes must be drilled with Atomic mounting jig (ref. AZD000426 / L3910910001 / RD0000126) to ensure a proper alignment of the binding.

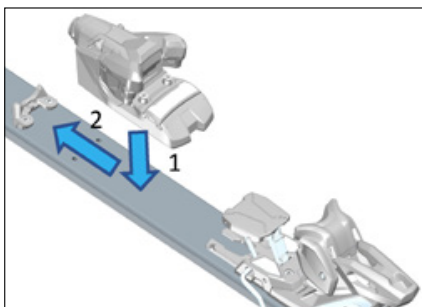
Mount the toe piece base and the rear plate on ski by tightening the screws with a 4 N.m torque.

>>>

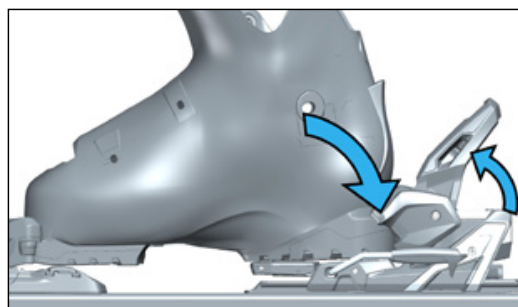
2. Insert the heel and break piece from the front on the rear plate and adjust it properly according to the boot sole length.



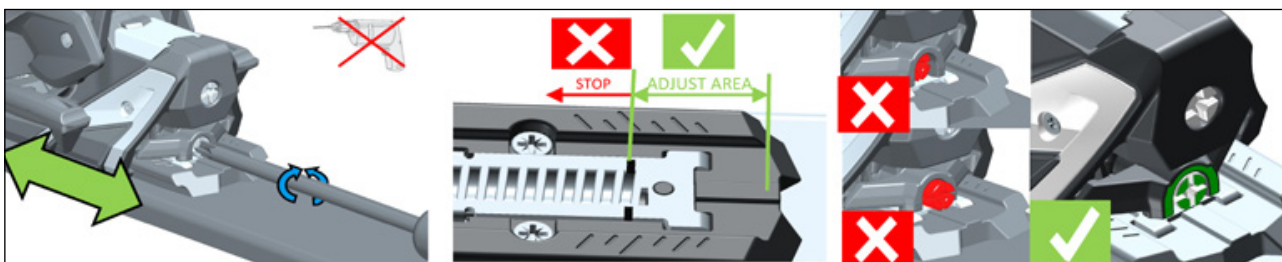
3. Insert the toe piece on its base and tighten the screws with a 4 N.m torque.



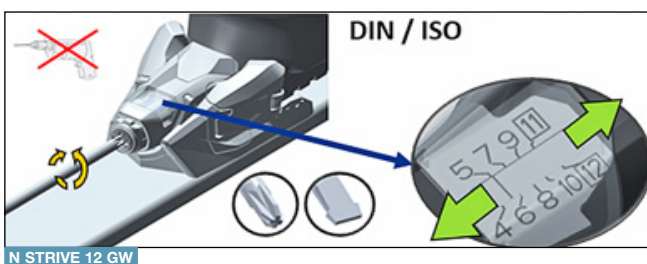
4. Step in the boot.



5. Check and adjust the forward pressure.



6. Select and adjust the setting release values for toe and heel pieces.



N COLT 5 GW A&C



TO BE MOUNTED BY A ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

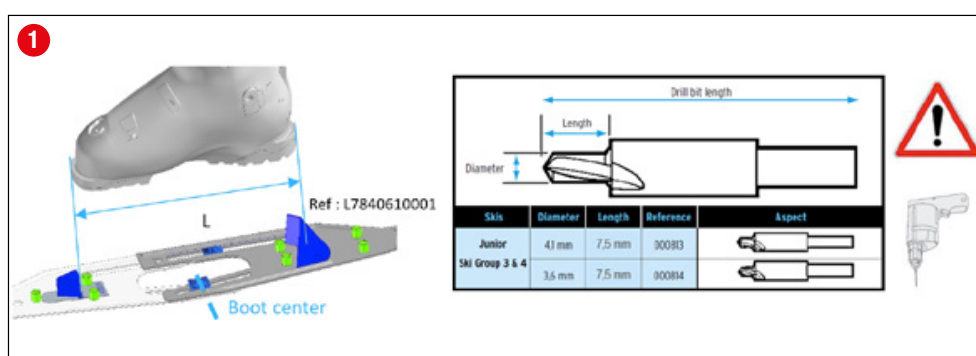
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

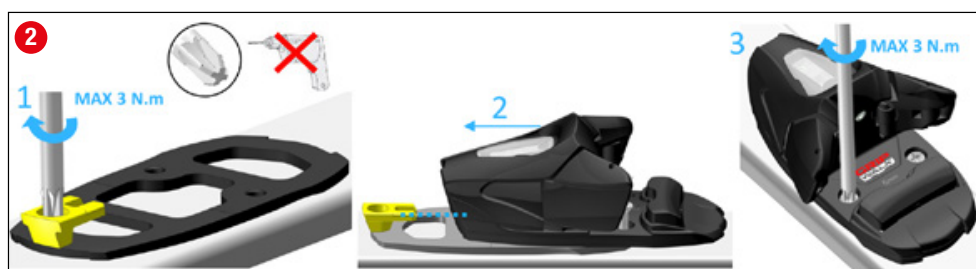
ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	●	●	●

MOUNTING & ADJUSTING

- For mounting N COLT 5 GW A&C binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000534 / L7840610001) to ensure a proper alignment of the binding.



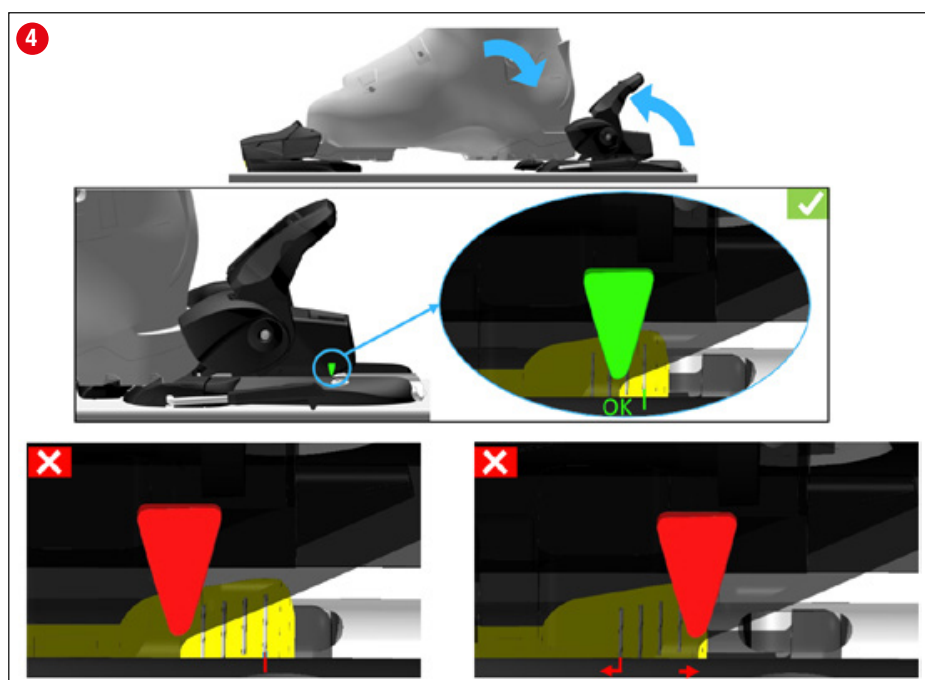
- Screw the base, taking care to hold it so that it does not rotate. Then slide the toe until it comes into contact with the holder screw and tighten the 2 screws at 3 N.m



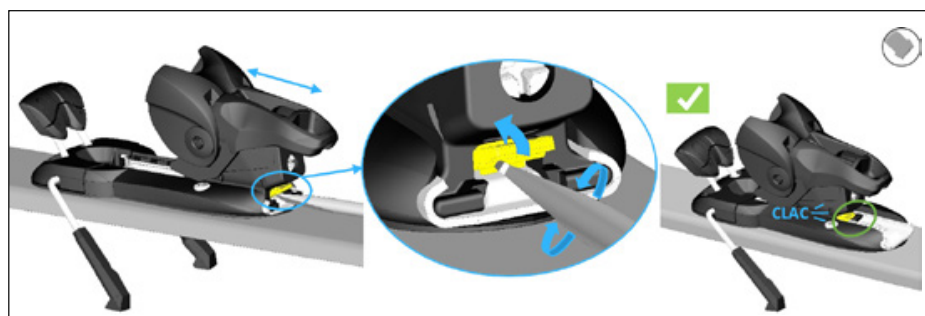
3. Mount the heel taking care to tighten the 4 screws in the order indicated below at 3 N.m.



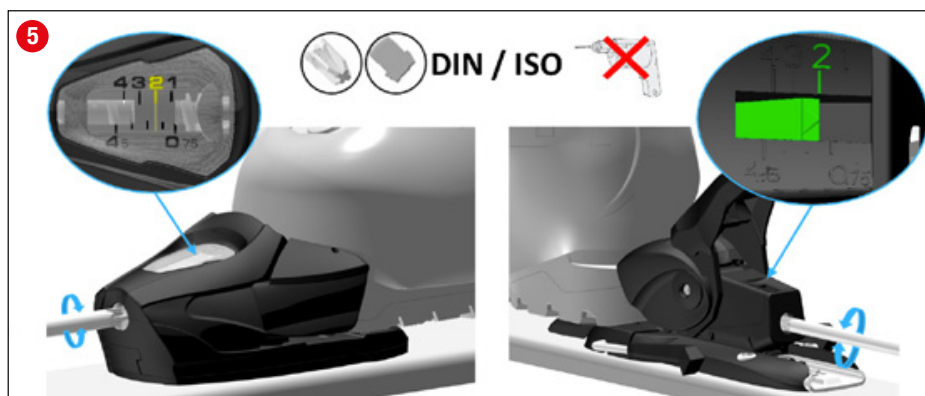
4. Step-in the boot and check the forward pressure



In case the forward pressure is not good, move the heel by the lever with the help of a screwdriver as explained in the images below.



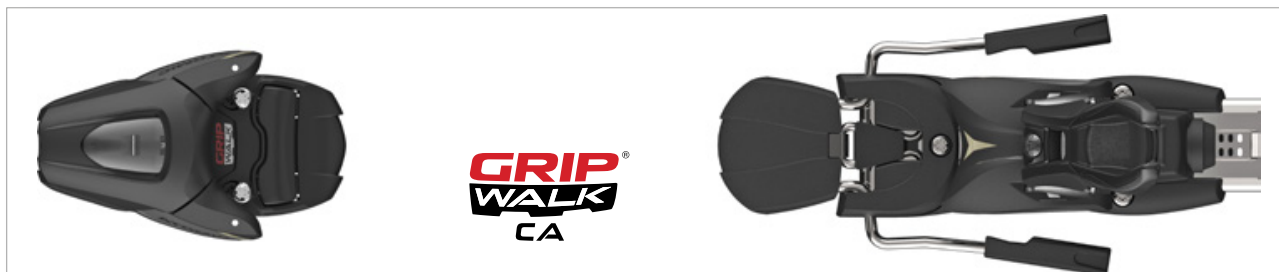
5. Select and adjust the setting release values for toe and heel pieces. Concerning the DIN setting of the heel, the end of the green indicator must be aligned with the number



N COLT 7 GW



TO BE MOUNTED BY A ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

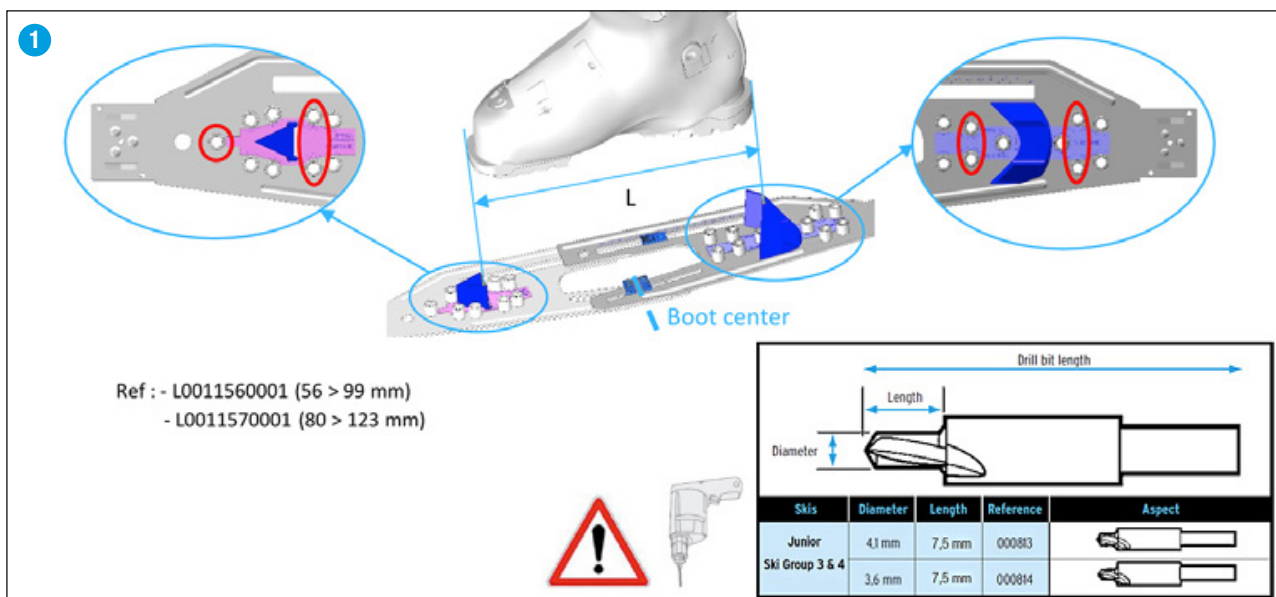
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	●	●	●

MOUNTING & ADJUSTING

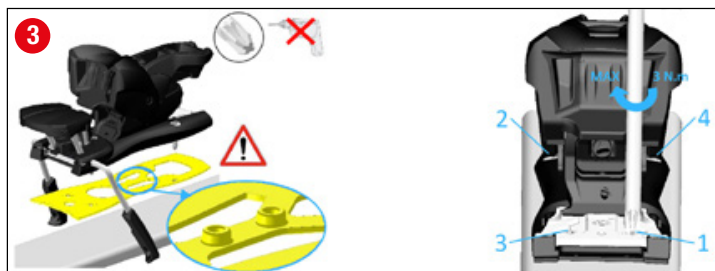
- For mounting N COLT 7 GW binding on skis, holes have to be drilled with the Atomic mounting jig (ref L0011570001 / AZD000536 or L0011560001 / AZD000538) to ensure a proper alignment of the binding.



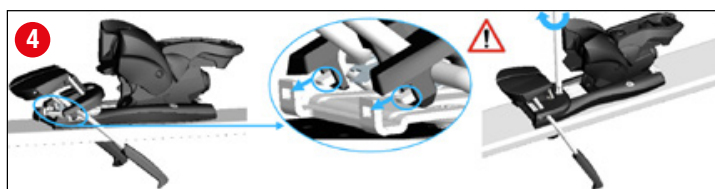
2. Screw the holder screw, taking care to hold it so that it does not rotate. Then slide the toe until it comes into contact with the holder screw and tighten the 2 screws. at 3 N.m



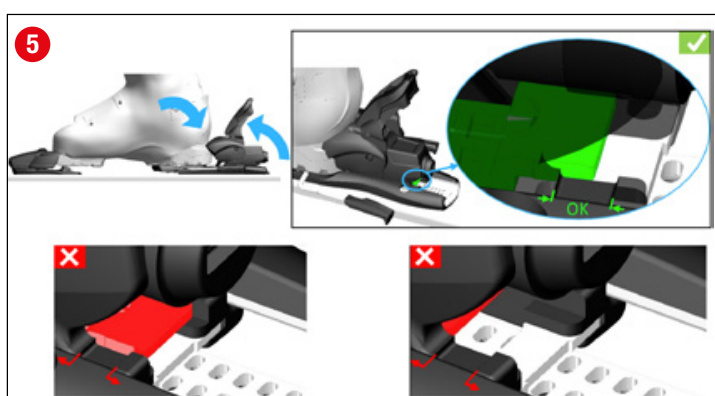
3. Mount the heel taking care that the filter is well assembled and taking care to tighten the 4 screws in the order indicated below at 3 N.m.



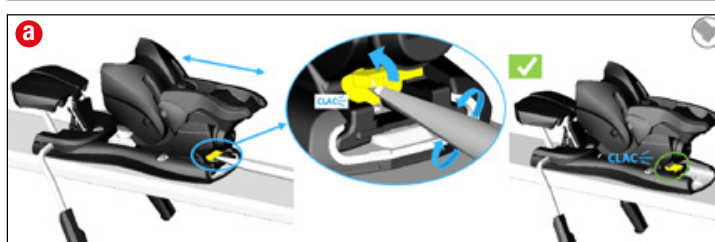
4. Mount the brake on the heel, taking care that the 2 brake lugs are correctly engaged in the 2 housings of the heel base.



5. Step-in the boot and check the forward pressure.



In case the forward pressure is not good, move the heel by the lever with the help of a screwdriver as explained in the images (a) ►



6. Select and adjust the setting release values for toe and heel pieces.



F12 GW WITH FLEXTRAK PLATE



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with iso 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

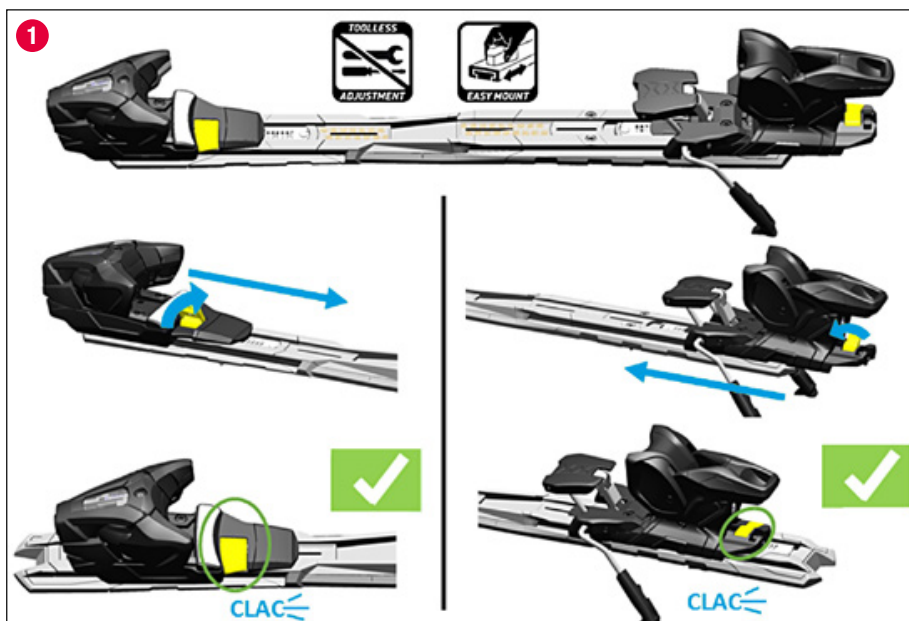
ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	×	●	×

SOLE LENGTH ADJUSTMENT

257mm – 380mm

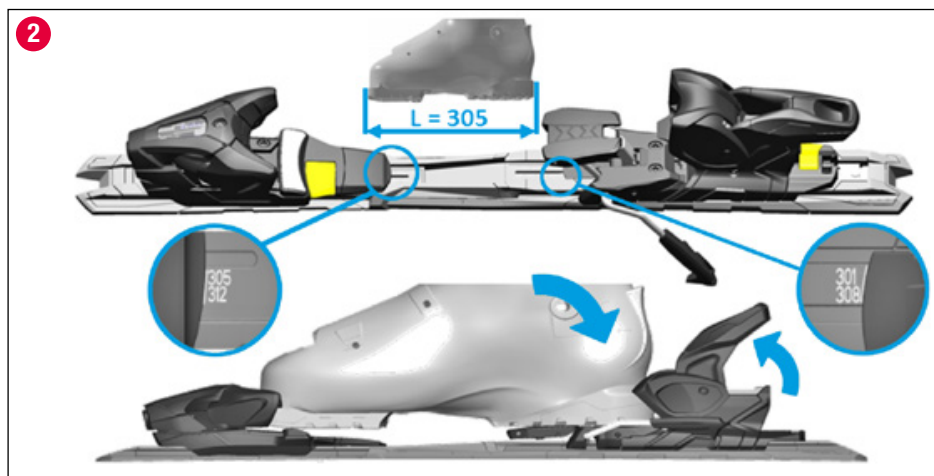
MOUNTING & ADJUSTING

1. Insert the toe and the heel piece and position on the track according to the boot sole length.

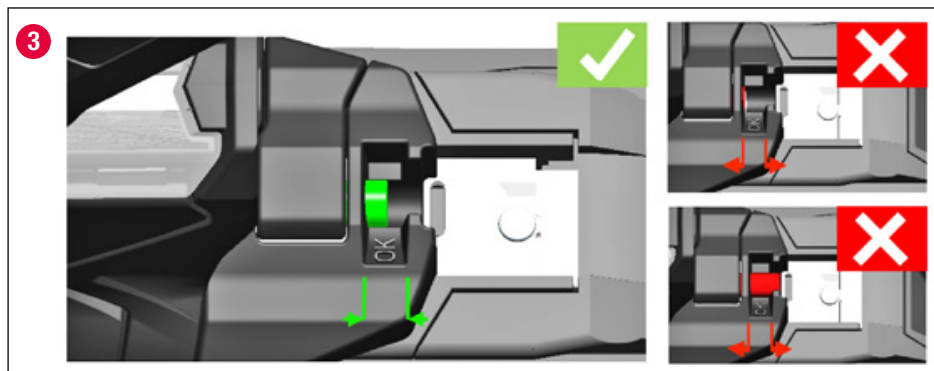


>>>

2. Boot sole length adjustment.



3. Step-in the boot and check the forward pressure.



4. Select and adjust the setting release values for toe and heel pieces



F11 GW / F10 GW WITH EASYTRAK PLATE



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with ISO 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) 	TYPE C (Children)
●	✗	●	✗

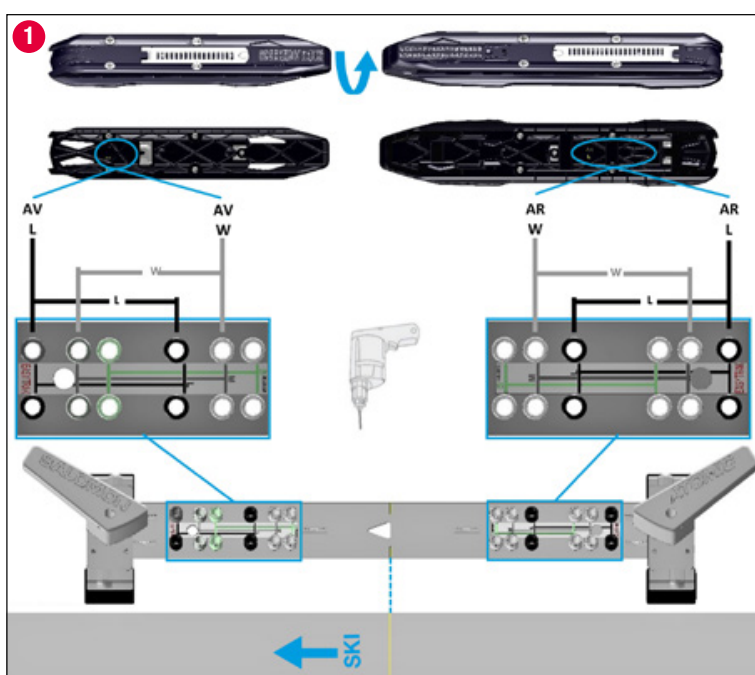
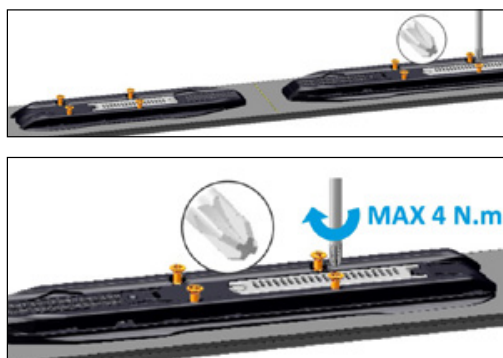
SOLE LENGTH ADJUSTMENT

Ski Woman (W): 253mm – 320mm / Size L: 257mm – 380mm

MOUNTING & ADJUSTING

- 1 - For mounting F11 & F10 GW binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding.

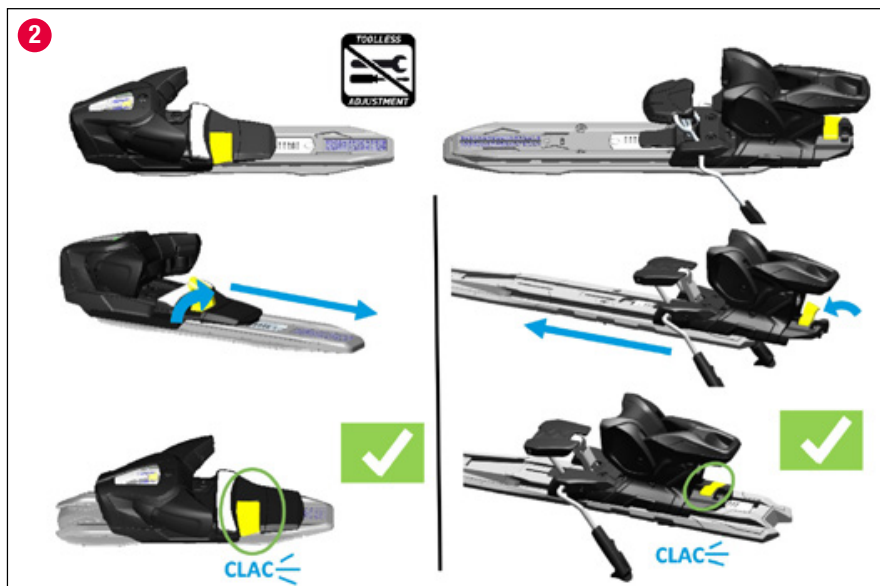
Mount the front and the rear plate on ski by tightening the screws at 4 N.m



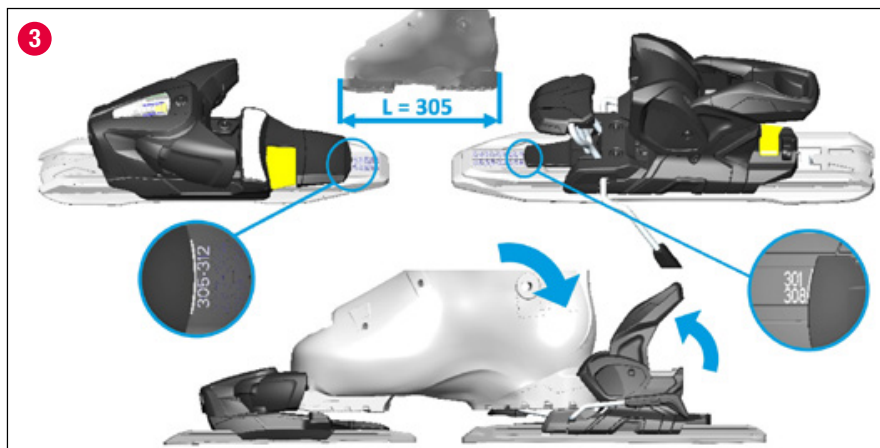
>>>

>>> F11 GW / F10 GW WITH EASYTRAK PLATE

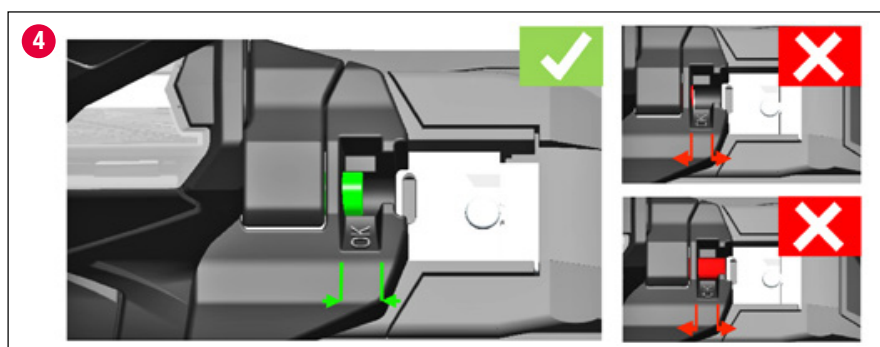
2. Insert the toe and the heel piece and position on the track according to the boot sole length.



3. Boot sole length adjustment.



4. Step-in the boot and check the forward pressure.



5. Select and adjust the setting release values for toe and heel pieces



L10 GW WITH EASYTRAK PLATE



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- > Alpine ski boots compliant with ISO 5355 standard.
- > Alpine boots compliant with ISO 23223 standard.
- > Ski boots equipped with « GripWalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

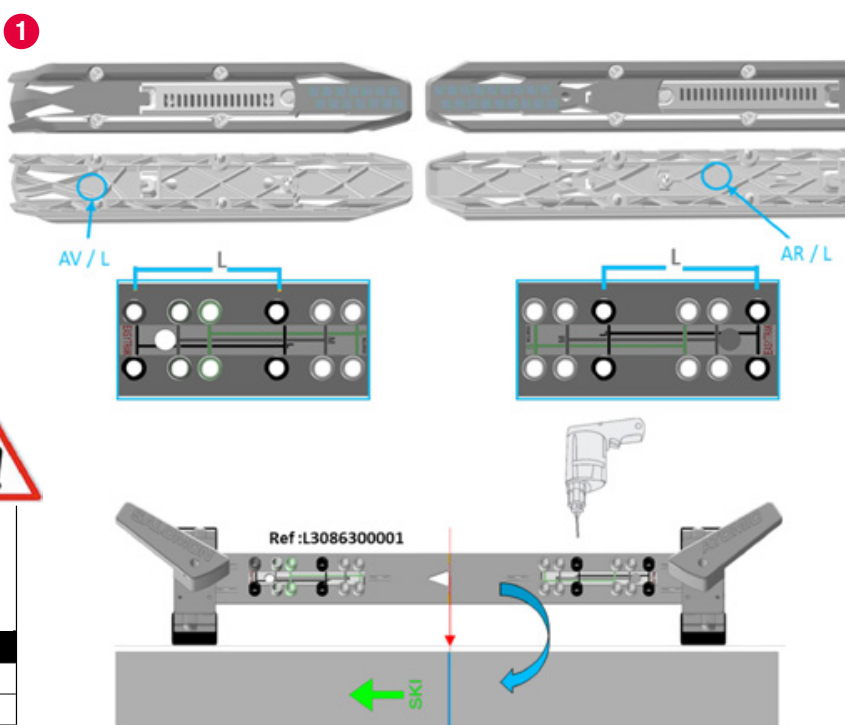
ALPINE SKI BOOTS (ISO 5355)		GRIPWALK BOOTS (ISO 23223)	
TYPE A (Adult)	TYPE C (Children)	TYPE A (Adult) GRIP WALK	TYPE C (Children) GRIP WALK
●	✗	●	✗

SOLE LENGTH ADJUSTMENT

Ski Woman (W) premounted in factory: 253mm – 320mm / Size L: 257mm – 380mm

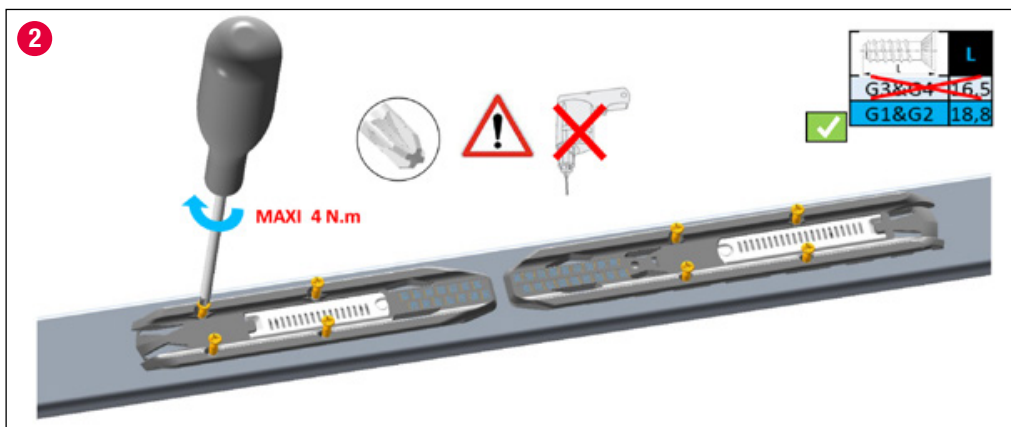
MOUNTING & ADJUSTING

1. For mounting L10 GW binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000434 / L3086300001 / RD0000130) to ensure a proper alignment of the binding.

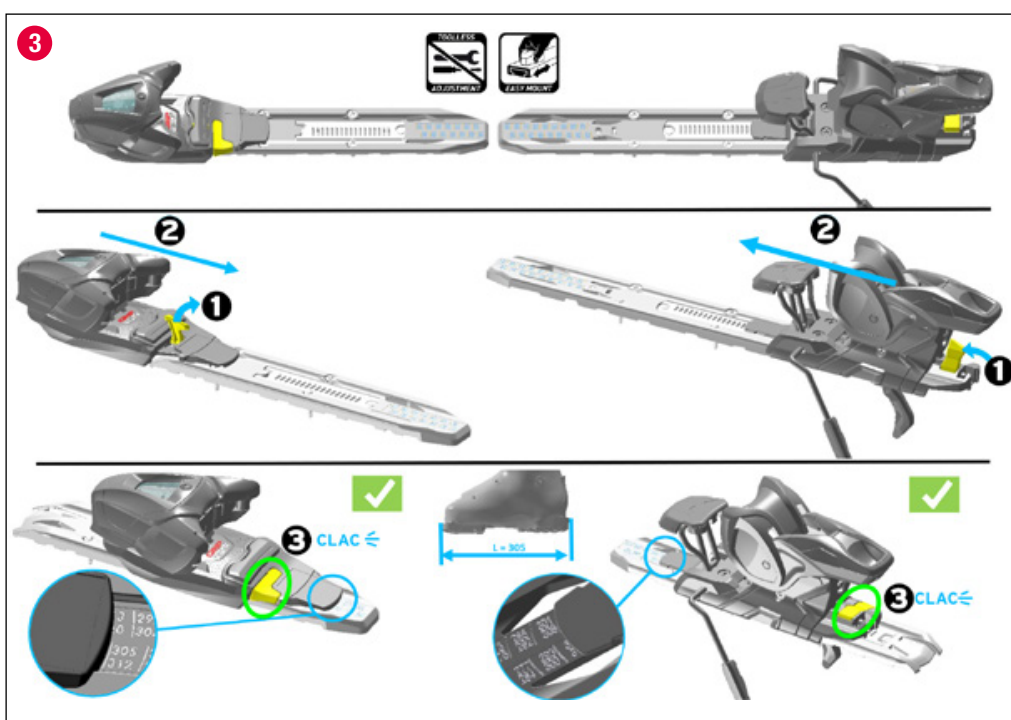


Drill bit length				
Skis	Diameter	Length	Reference	Aspect
Adult Ski Group 1 & 2	4,1 mm	9,5 mm	000893	
	3,6 mm	9,5 mm	000892	

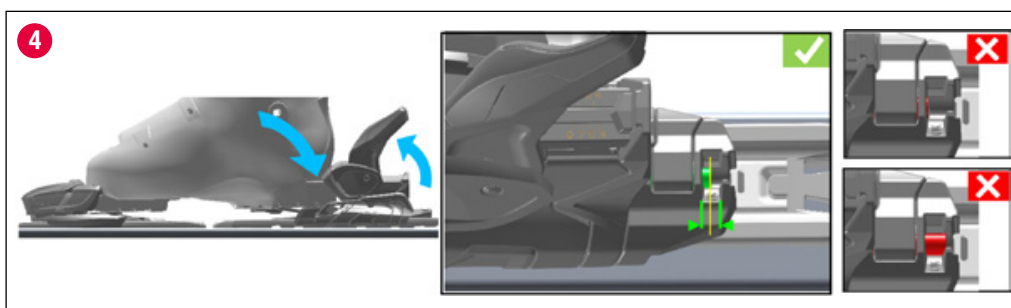
2. Mount the front and the rear plate on ski by tightening the screws at 4 N.m



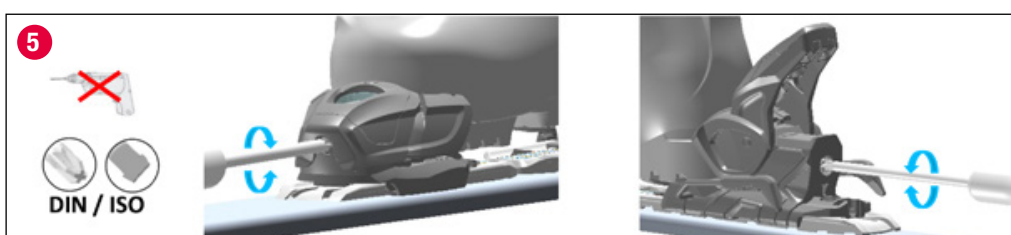
3. Insert the toe and the heel piece and position on the track according to the boot sole length.



4. Step-in the boot and check the forward pressure.



5. Select and adjust the setting release values for toe and heel pieces.



BOOTS & BINDING COMPATIBILITIES

#3



WTR BINDINGS ARE INTENDED TO BE USED ONLY WITH FOLLOWING SKI BOOTS:

- ▶ **ALPINE BOOTS COMPLIANT WITH ISO 5355 STANDARD**
- ▶ **SKI BOOTS EQUIPPED WITH “WTR TECHNOLOGY” OR “GRIPWALK” LABELLED KIT OF WALKING SOLES**



STH² 16 WTR / STH² 13 WTR 84

WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- > **ALPINE SKI BOOTS COMPLIANT WITH ISO 5355 STANDARD.**
- > **SKI BOOTS EQUIPPED WITH “WTR TECHNOLOGY” PADS**

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

STH² 16 WTR / STH² 13 WTR

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



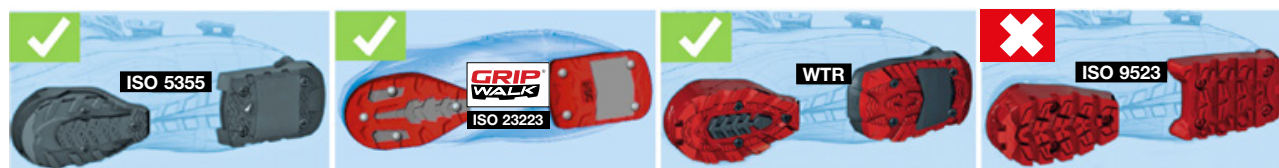
TECHNOLOGY:

- Twin Pivot • Adjustable wings • AFD



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



- Alpine ski boots compliant with ISO 5355 standard

AND

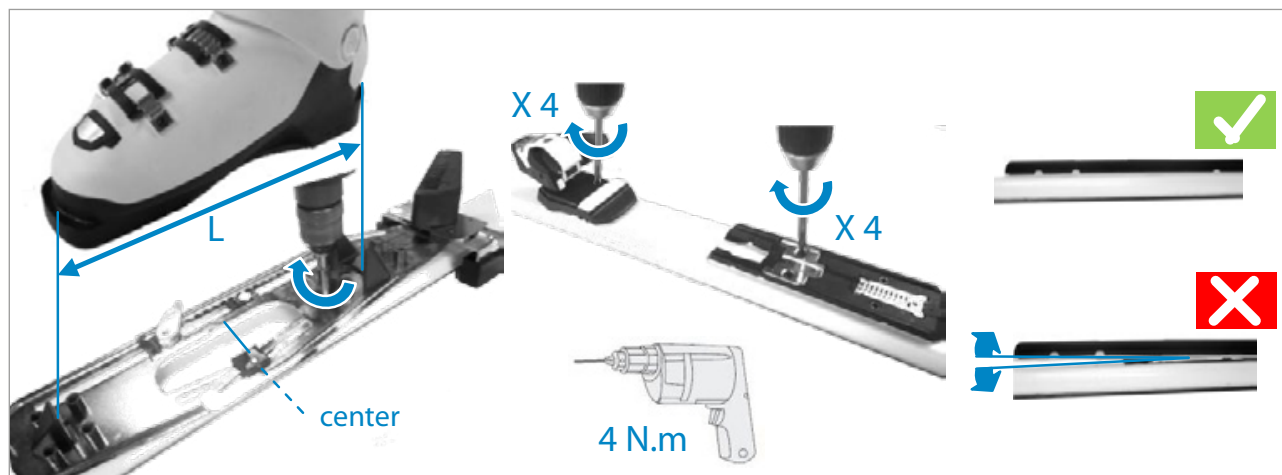
- Ski boots equipped with « WTR technology » or « Gripwalk » labelled kit of walking soles.

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING PROCEDURE

- 1 – Use the Atomic mounting jig (ref : AZD000440 / L3298160001 / RD0000132) and drill the skis following the ski and binding manufacturer's instructions. Mount the toe piece and the rear plate on the ski by tightening the screws at 4 N.m (check if rear plate is correctly mounted).



>>>

>>> STH² 16 WTR / STH² 13 WTR

2 – Assemble the ski brake with the heel piece.



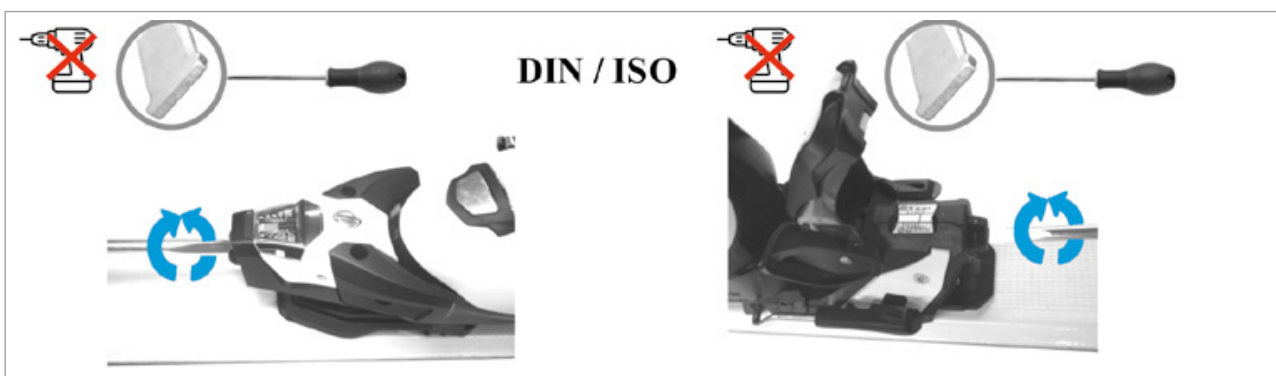
3 – From the center of ski, insert the heel piece on the rear plate and adjust at the “mid” position with a screwdriver.



4 – Step in the ski boot in the binding, check and adjust the forward pressure.



5 – Select and adjust the setting release values for toe and heel pieces.

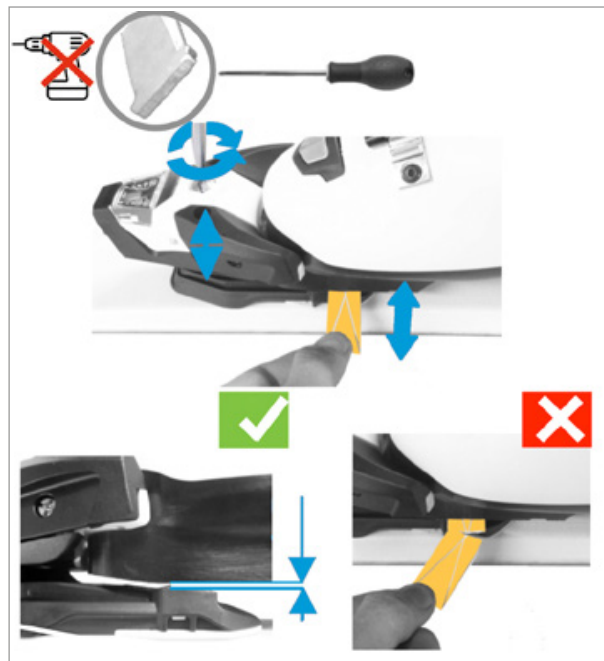


>>>

- 6** – With the screw on the left side of the toe piece, adjust the toe wings to come in contact with the ski boot.
(see § : ADJUSTING – WING ADJUSTMENT > page 14).



- 7** – Adjust the toe height with the adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding.
(see § : ADJUSTING – TOE HEIGHT ADJUSTMENT > page 14).



BOOTS & BINDING COMPATIBILITIES

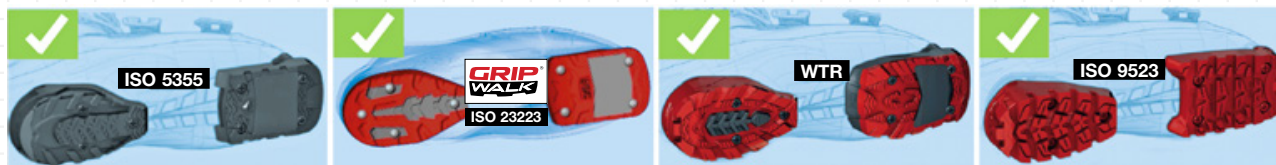
#4



MN

MN (MULTI-NORM) BINDINGS ARE INTENDED TO BE USED WITH FOLLOWING SKI BOOTS:

- ▶ ALPINE BOOTS COMPLIANT WITH ISO 5355 STANDARD
- ▶ SKI BOOTS EQUIPPED WITH “WTR TECHNOLOGY” PADS OR WITH “GRIPWALK” ISO 23223 STANDARD PADS
- ▶ TOURING BOOTS COMPLIANT WITH ISO 9523 STANDARD



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WARDEN 11 MNC	100
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N STRIVE 14 & 16 MN	109

WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

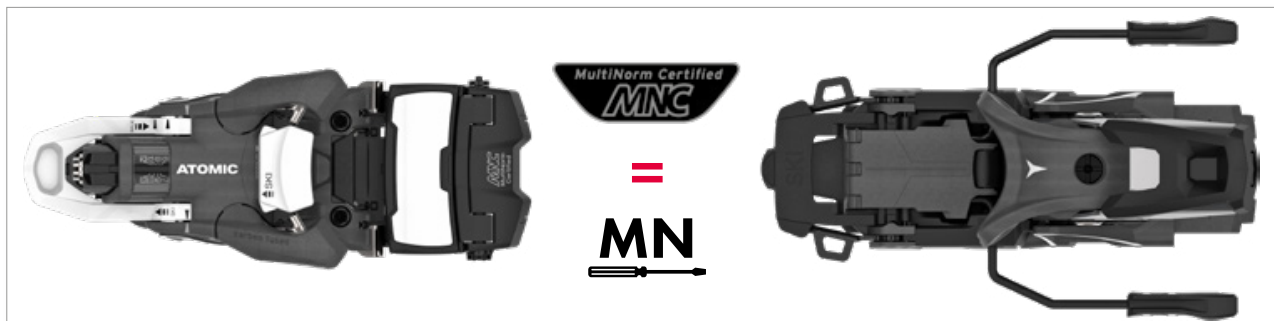
- > **ALPINE SKI BOOTS COMPLIANT WITH ISO 5355 STANDARD.**
- > **TOURING BOOTS COMPLIANT WITH ISO 9523 STANDARD**
- > **SKI BOOTS EQUIPPED WITH “WTR TECHNOLOGY” PADS OR WITH “GRIPWALK” ISO 23223 STANDARD PADS**

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

SHIFT 10 & 13 MNC

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- Alpine ski boots compliant with ISO 5355 standard.
- Touring boots compliant with iso 9523 standard
- Ski boots equipped with “WTR technology” pads or with “GRIPWALK” ISO 23223 standard pads

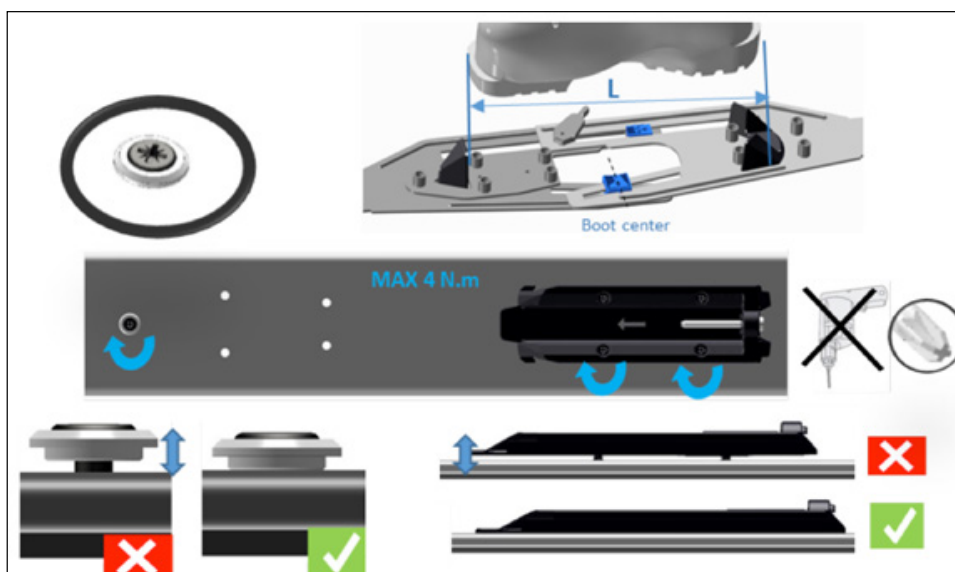
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING PROCEDURE

1. For mounting Shift 10 & 13 MNC binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000424 / L3989470001 / RD0000124) to ensure a proper alignment of the binding.

Mount the toe piece and the rear plate on ski by tightening the screws at 4 N.m.

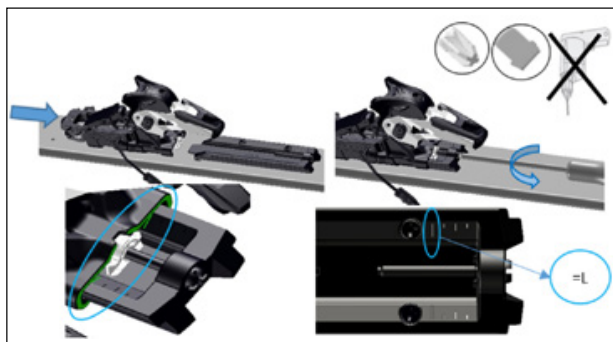


>>>

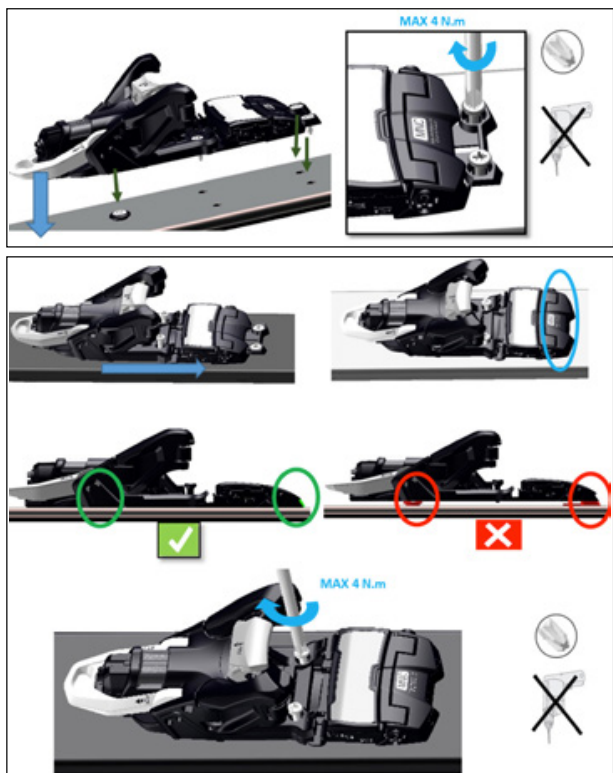
2. Assemble the ski brake with the heel piece.



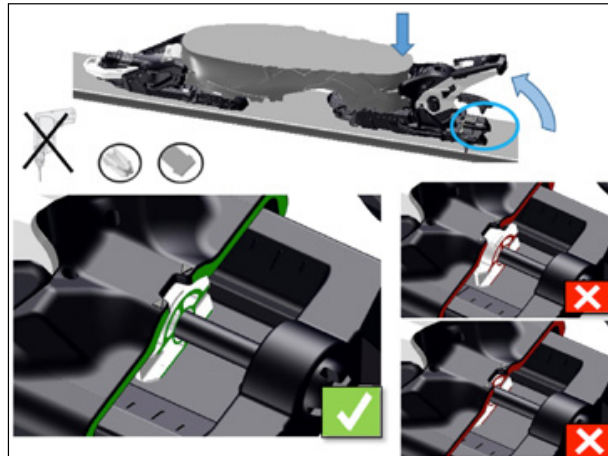
3. From the center of the ski, insert the heel and brake piece on rear plate and aligned the heel with the 1st graduation according to the boot sole length.



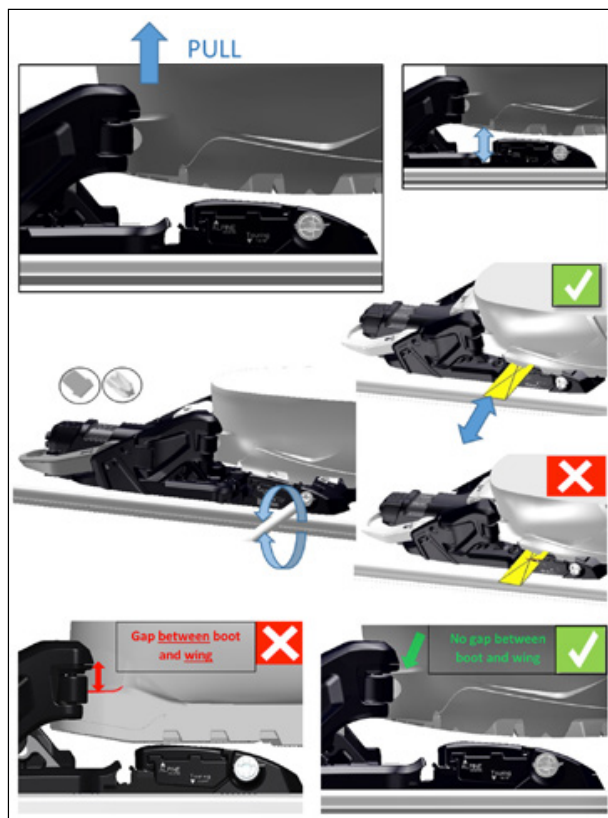
4. Mount the toe piece on ski by tightening the screws at 4 N.m. Check that the toe is correctly mounted.



5. Step-in the boot, check and adjust the forward pressure.



6. Adjust the toe height with adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding



7. Select and adjust the setting release values for toe and heel pieces.

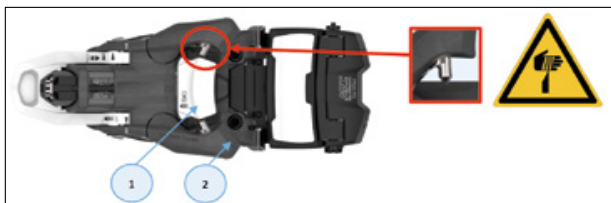


8. Binding calibration on Montana machine

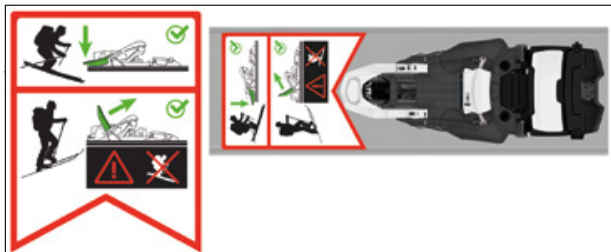
- Completely close all the boot buckles
 - Take the ski with your left hand and place it down onto the bench tip facing left and with the far edge side first into the centering unit.
 - For vertical and lateral release testing, use the touring strap for the heel and not the automatic metal lever.
- For thin skis, use additional downholder.



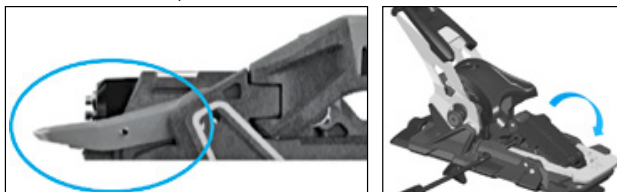
⚠ For toe calibration, please be careful not to pinch your fingers between the central part (1) and the wing (2) during the release.



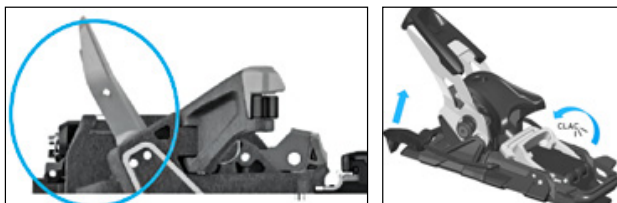
9. When mounting the binding make sure that you fit the enclosed stickers to the ski. Explain to the skier the different lever position for mode "WALK" and "SKI". (To refer to the "Warning - the user guide" linked to the heel).



- In "SKI" mode:**
- The toe unit lever must be locked in horizontal position.
 - To unlock the brake, move the lever to the horizontal position marked SKI



- In "WALK" mode:**
- The toe unit lever must be set in high position.
 - To lock the brake, move the lever to WALK and raise the brake blades until they are fully closed and locked in place.



MAINTENANCE AND REPAIR

LUBRICATION

The bindings should be regularly lubricated with the Atomic grease reference L0009050001 / AZD000550 / RD0000172.

See lubrication points on brake and heel part below:

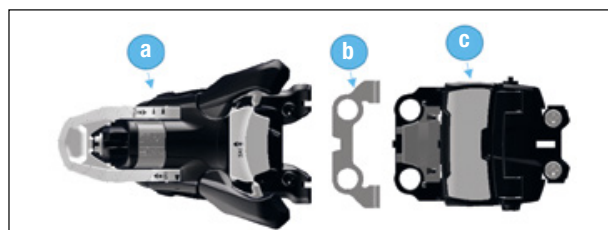


SLIDING PEDAL REPLACEMENT

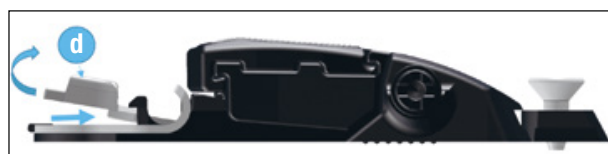
In case of sliding pedal replacement, please to follow below instructions:

1. The toe is constituted of 3 components:

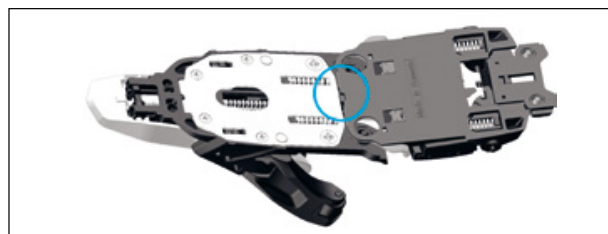
- The toe
- The crampon runner
- The sliding pedal



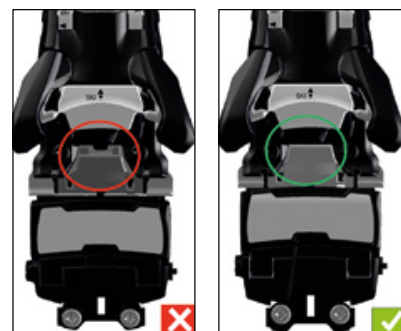
2. Take the sliding pedal in hand and lift up the rubber part (d) before inserting the crampon runner.



3. Link the sliding pedal to the toe by the back side



4. Check that the rubber part is correctly assembled.

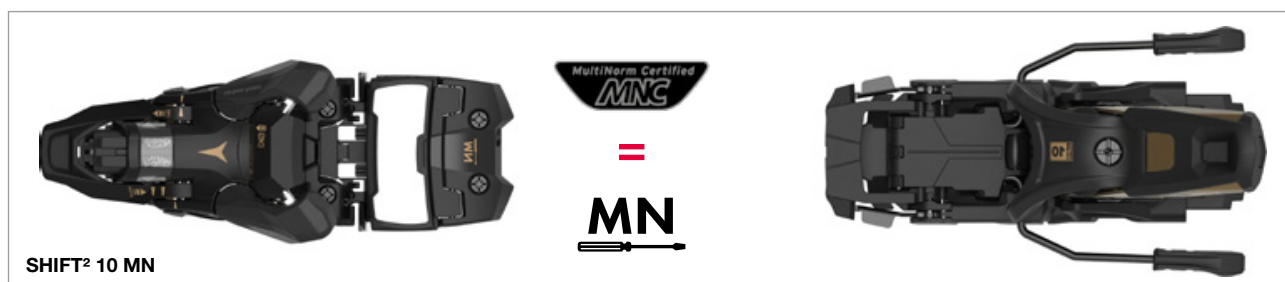




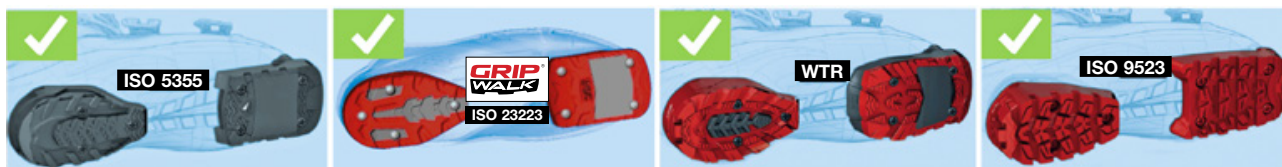
SHIFT² 10 & 13 MN

SHIFT² 10 MN DEMO

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



BINDINGS INTENDED TO BE USED ONLY WITH ALPINE BOOTS COMPLIANT WITH ISO 5355 STANDARD, TOURING BOOTS COMPLIANT WITH ISO 9523 STANDARD, SKI BOOTS EQUIPPED WITH "WTR TECHNOLOGY" PADS OR WITH "GRIPWALK" ISO 23223 STANDARD PADS



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- > Alpine ski boots compliant with ISO 5355 standard.
- > Touring boots compliant with ISO 9523 standard
- > Ski boots equipped with "WTR technology" pads or with "GRIPWALK" ISO 23223 STANDARD PADS

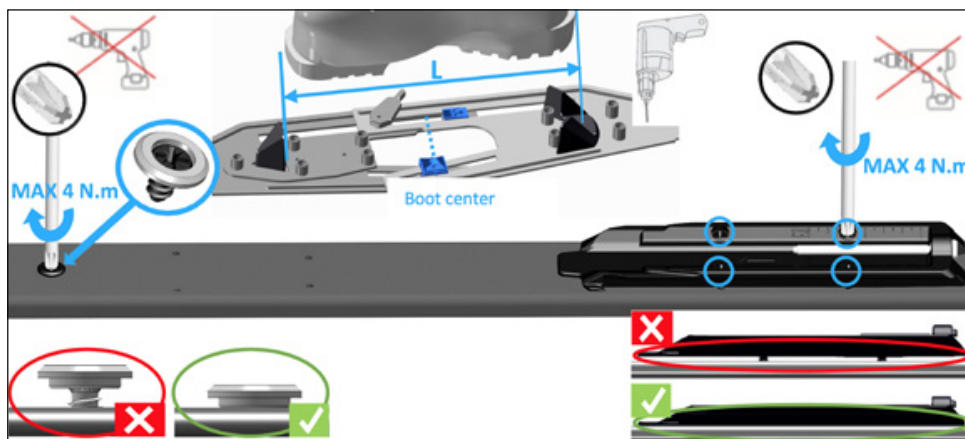
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

WARNING: SHIFT² MN 10 & 13 doesn't have the same plate as SHIFT² MN 10 DEMO, which is longer. It is strictly prohibited to mount a SHIFT² MN 10 & 13 heel on a SHIFT² MN 10 DEMO plate, it isn't compatible.

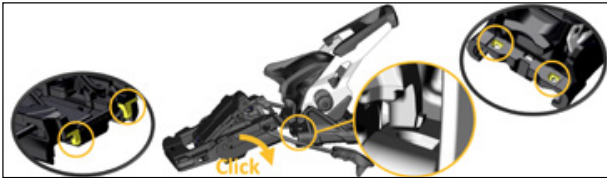
MOUNTING & ADJUSTING PROCEDURE

1. For mounting Shift² MN 10, 10 Demo & 13 binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000424 / L3989470001 / RD0000124) to ensure a proper alignment of the binding. Mount the toe piece and the rear plate on ski by tightening the screws at 4 N.m.



>>>

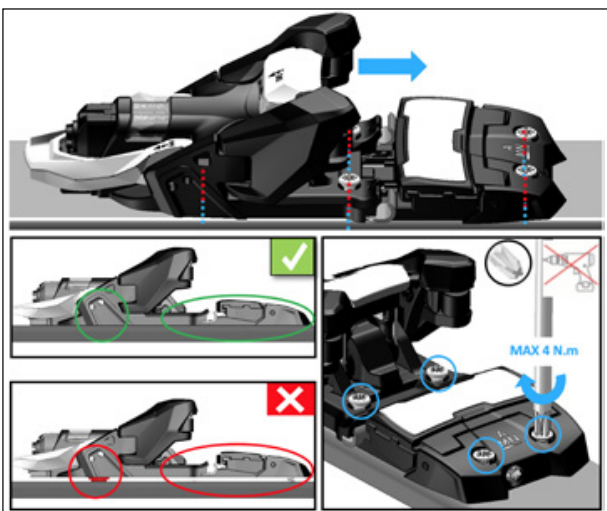
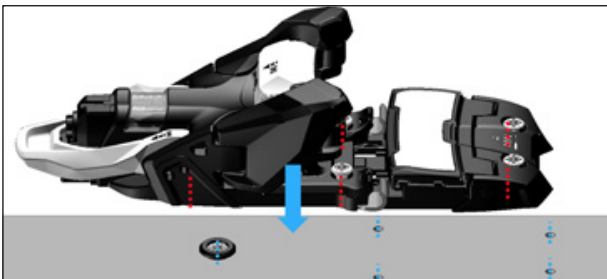
2. Assemble the ski brake with the heel piece.



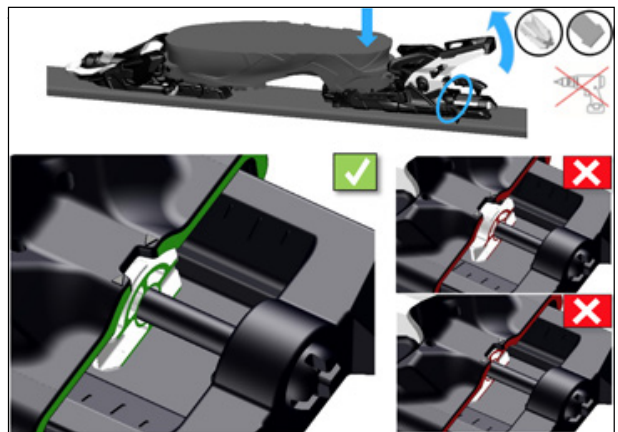
3. From the center of the ski, insert the heel and brake piece on rear plate and aligned the heel with the 1st graduation according to the boot sole length.



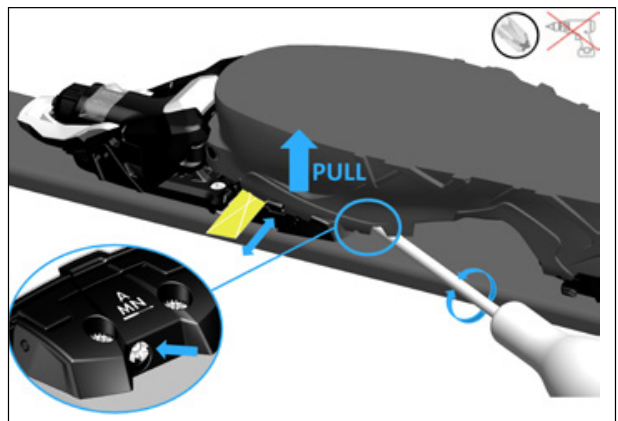
4. Mount the toe piece on ski by tightening the screws at 4 N.m. Check that the toe is correctly mounted.



5. Step-in the boot, check and adjust the forward pressure.



6. Adjust the toe height with adjustment screw until you create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding.



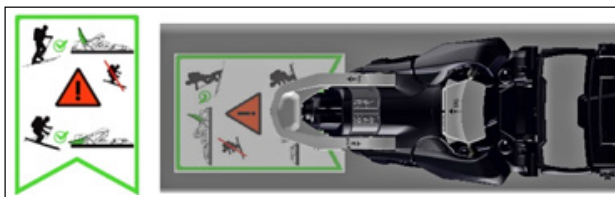
7. Select and adjust the setting release values for toe and heel pieces.



check 5. ↑

>>>

8. When mounting the binding make sure that you fit the enclosed stickers to the ski. Explain to the skier the different lever position for mode "WALK" and "SKI". (To refer to the "Warning - the user guide" linked to the heel).

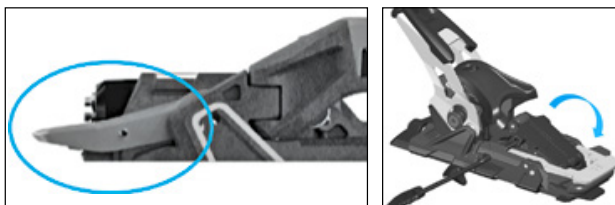


9. Binding calibration on Montana machine

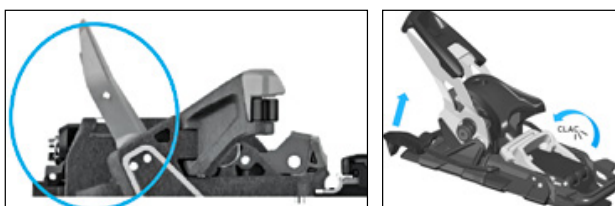
- Completely close all the boot buckles
 - Take the ski with your left hand and place it down onto the bench tip facing left and with the far edge side first into the centering unit.
 - For vertical and lateral release testing, use the touring strap for the heel and not the automatic metal lever.
- For thin skis, use additional downholder.



- In "SKI" mode:**
- The toe unit lever must be locked in horizontal position.
 - To unlock the brake, move the lever to the horizontal position marked SKI



- In "WALK" mode:**
- The toe unit lever must be set in high position.
 - To lock the brake, move the lever to WALK and raise the brake blades until they are fully closed and locked in place.



MAINTENANCE AND REPAIR

LUBRICATION

The bindings should be regularly lubricated with the Atomic grease reference L0009050001 / AZD000550 / RD0000172.

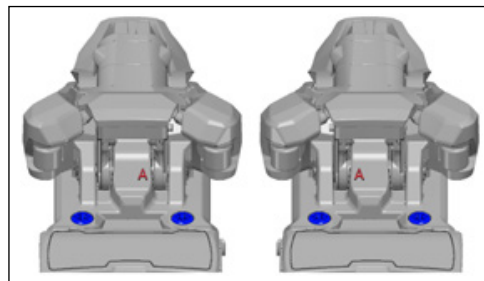
See lubrication points on brake and heel part below:



TOE VERSION AND SCREW COMPATIBILITY

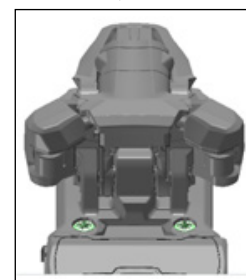
Shift² has two versions of toe, therefore there are two possible screw length.

- If the toe has an **A** engraved on the right or the left side:



Then you must use two screws number 1663701K, of length 17,3 +0,5 mm (measured with a caliper, from head to toe).

- Otherwise, if the toe isn't engraved on these places:



Then you must use two screws number 0118201L, of length 16,5 +0,5 mm (measured with a caliper, from head to toe).

WARDEN R 13 MNC (NR WARDEN R13 MNC / D W13 MNC)



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- Alpine ski boots compliant with ISO 5355 standard.
- Touring boots compliant with iso 9523 standard
- Ski boots equipped with “WTR technology” pads or with “GRIPWALK” ISO 23223 standard pads

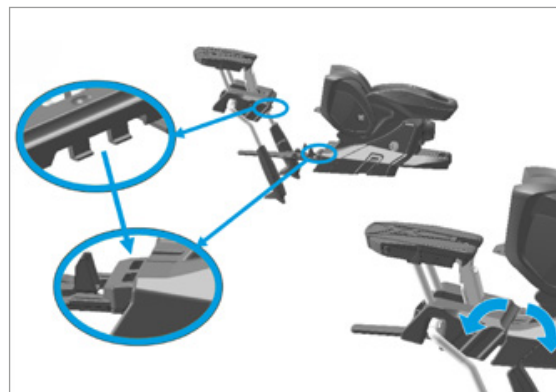
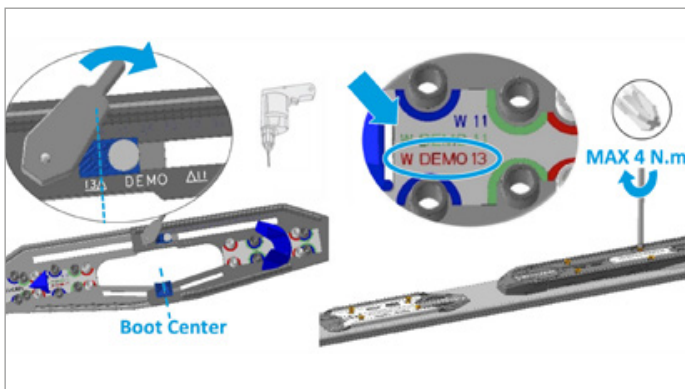
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING PROCEDURE

1. For mounting WARDEN R 13 MNC binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000426 / L3910910001 / RD0000126) to ensure a proper alignment of the binding. Mount the toe piece and the rear plate on ski by tightening the screws at 4 N.m. ▼

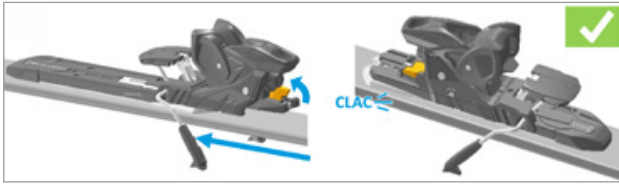
2. Assemble the ski brake with the heel piece. ▼



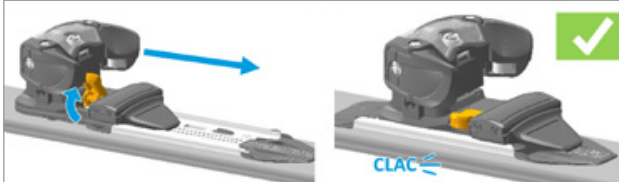
>>>

>>> WARDEN R 13 MNC (NR WARDEN R13 MNC / D W13 MNC)

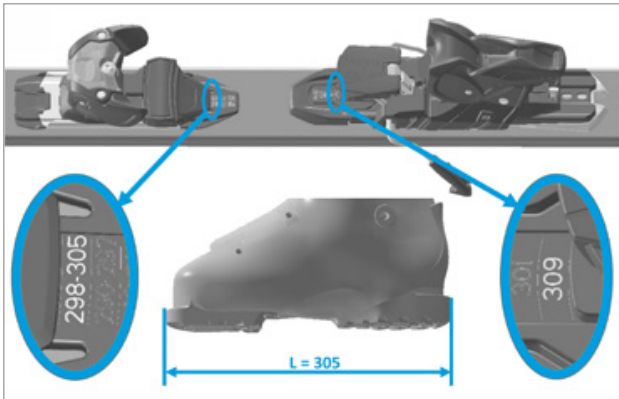
3. Insert the heel and brake piece from the back and position on the plate according to the boot sole length. ▼



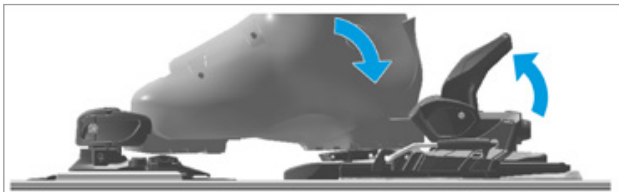
4. Insert the toe piece from the front and position on the plate according to the boot sole length. ▼



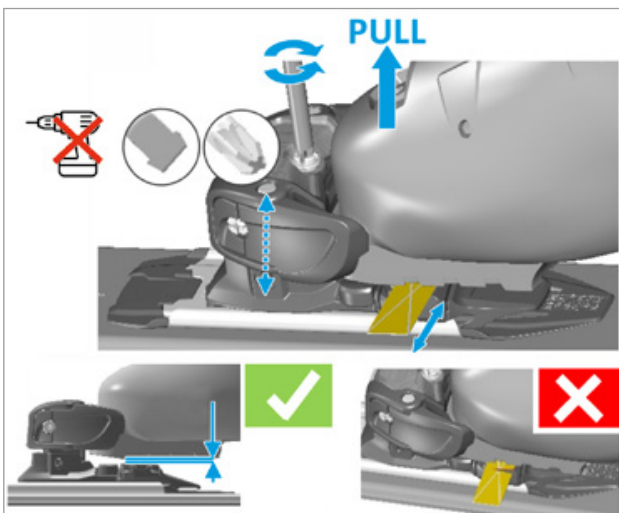
5. Boot sole length adjustment. ▼



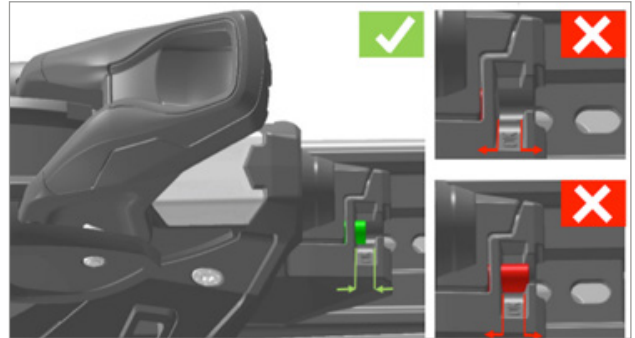
6. Step in the boot. ▼



7. Adjust the toe height with adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding. ▼



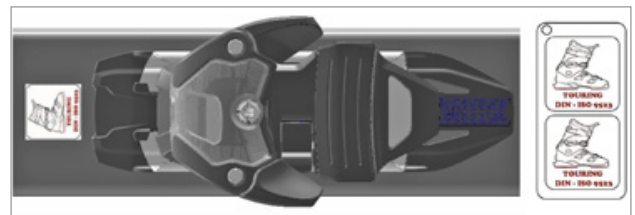
8. Check and adjust the forward pressure. ▼



9. Select and adjust the setting release values for toe and heel pieces. ▼

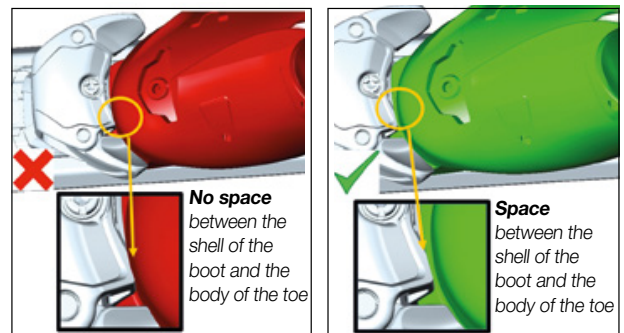


10. In case of adjustment with touring boots compliant with ISO 9523 standard, paste sticker on each skis. ▼



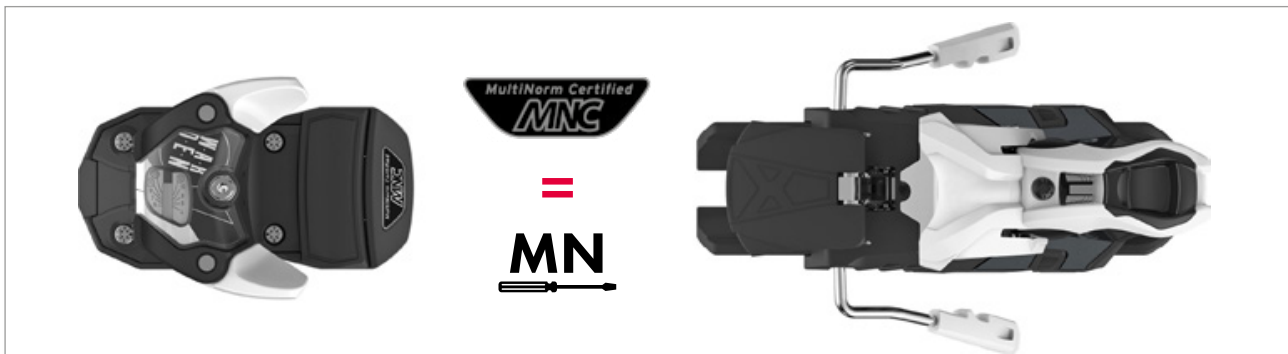
BINDING CALIBRATION ON RELEASE TEST MACHINE

For lateral release testing, please check that the shell of the boot does not rub against the body of the toe.



WARDEN 13 MNC

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- Alpine ski boots compliant with ISO 5355 standard.
- Touring boots compliant with iso 9523 standard
- Ski boots equipped with “WTR technology” pads or with “GRIPWALK” ISO 23223 standard pads

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING PROCEDURE

1. Use the Atomic mounting jig (ref 3298160001) to ensure a proper alignment of the binding.

Drill the skis following the ski and binding manufacturer's instructions. Mount the toe piece and the rear plate on the ski by tightening the screws at 4 N.m (check if rear plate is correctly mounted).



>>>

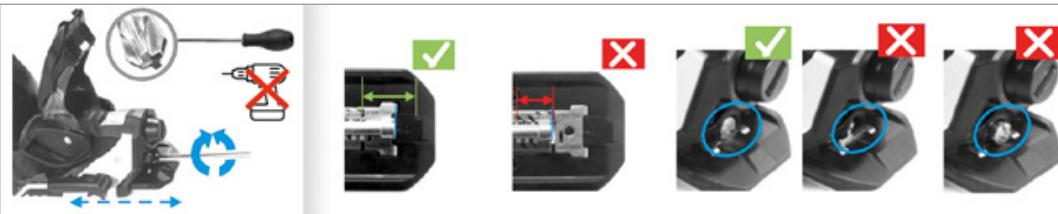
2- Assemble the ski brake with the heel piece



3. From the center of ski, insert the heel piece on the rear plate and adjust at the "mid" position with screwdriver.



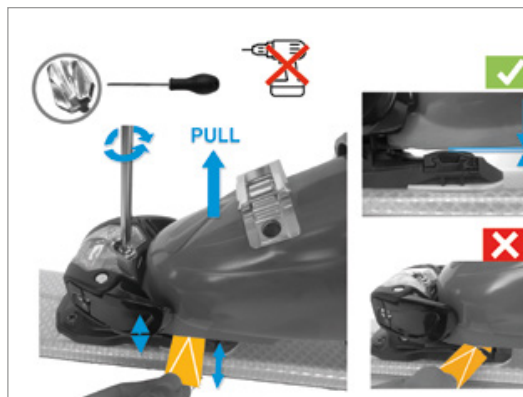
4. Step in the ski boot in the binding. Check and adjust the forward pressure.



5. Select and adjust the setting release values for toe and heel pieces.



6. Adjust the toe height with adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding.

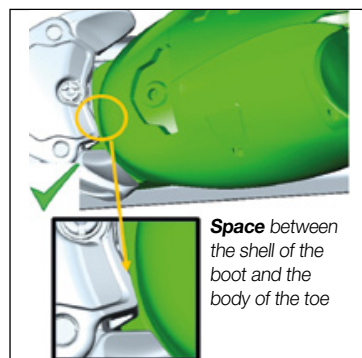
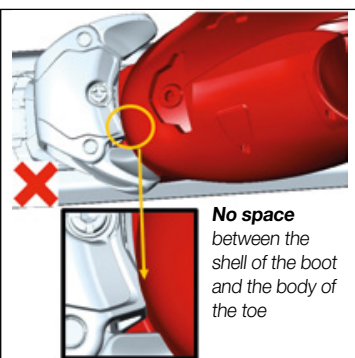


In case of adjustment with touring boots compliant with ISO 9523 standard, paste sticker on each ski.



BINDING CALIBRATION ON RELEASE TEST MACHINE

For lateral release testing, please check that the shell of the boot does not rub against the body of the toe.



WARDEN R 11 MNC (NR WARDEN R11 MNC)



TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- Alpine ski boots compliant with ISO 5355 standard.
- Touring boots compliant with iso 9523 standard
- Ski boots equipped with “WTR technology” pads or with “GRIPWALK” ISO 23223 standard pads

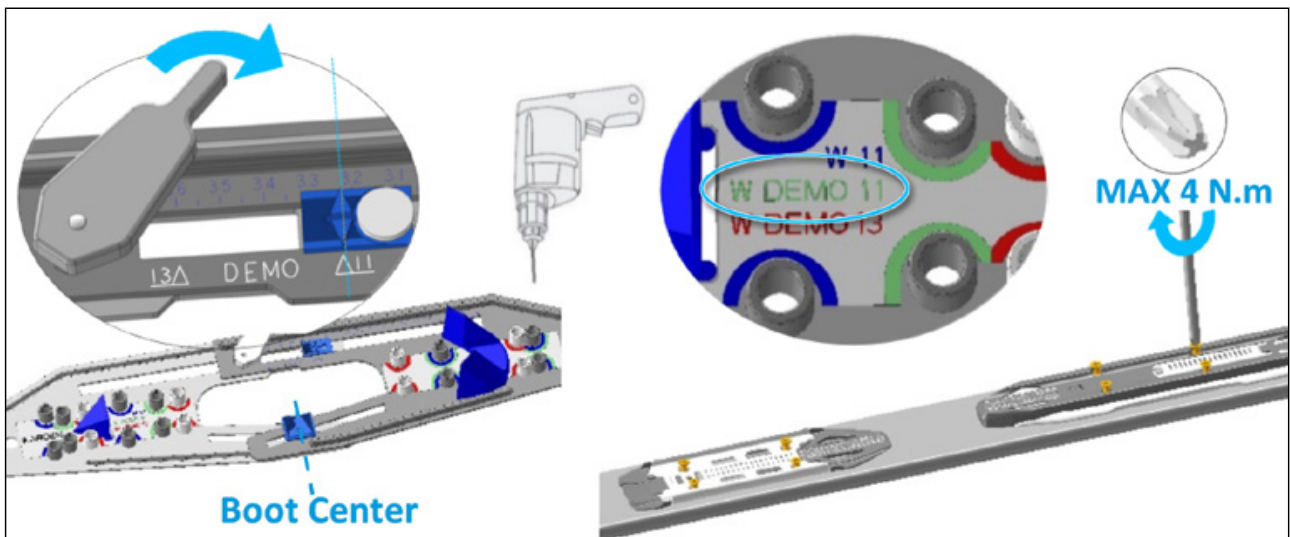
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

SOLE LENGTH ADJUSTMENT	262mm – 382mm
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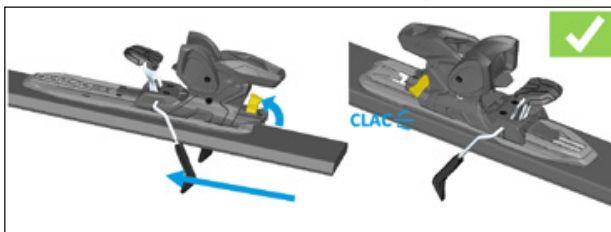
MOUNTING & ADJUSTING

1. For mounting Warden R 11 MNC binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000426 / L3910910001 / RD0000126) to ensure a proper alignment of the binding. ▼

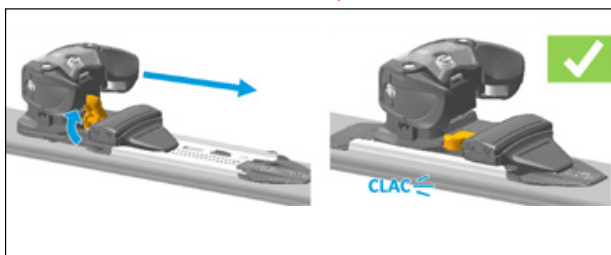


>>>

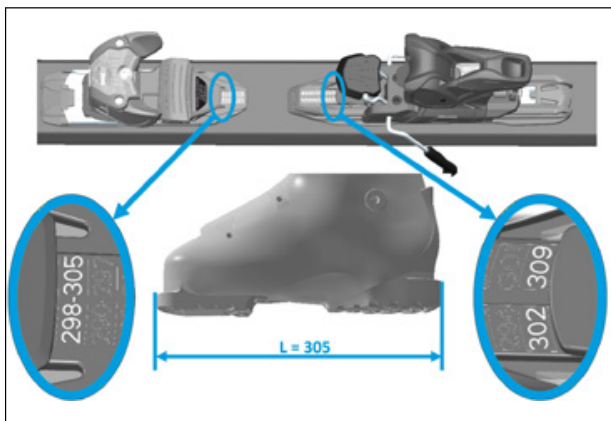
2. Insert the heel and brake piece from the back and position on the plate according to the boot sole length. ▼



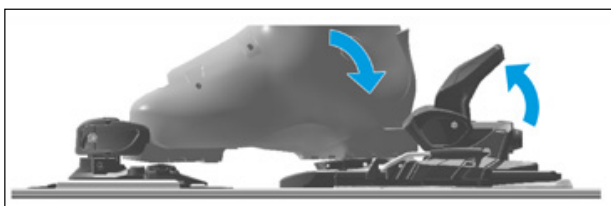
3. Insert the toe piece from the front and position on the plate according to the boot sole length. ▼



4. Boot sole length adjustment. ▼



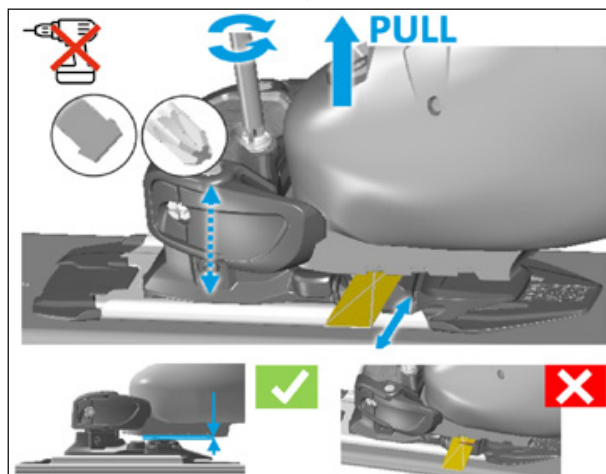
5. Step in the boot. ▼



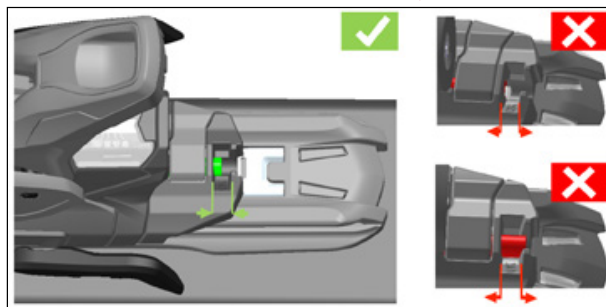
6. Select and adjust the setting release values for toe and heel pieces. ▼



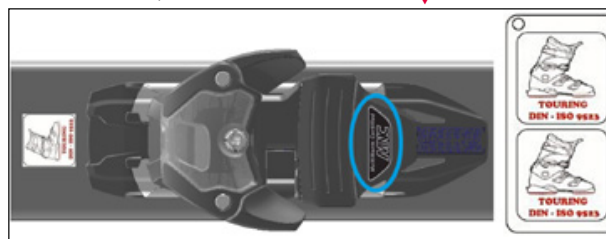
7. Adjust the toe height with adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding. ▼ ▼



8. Check and adjust the forward pressure. ▼

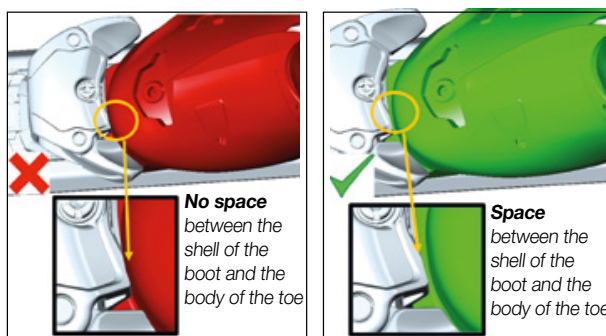


9. In case of adjustment with touring boots compliant with ISO 9523 standard, paste sticker on each skis. ▼



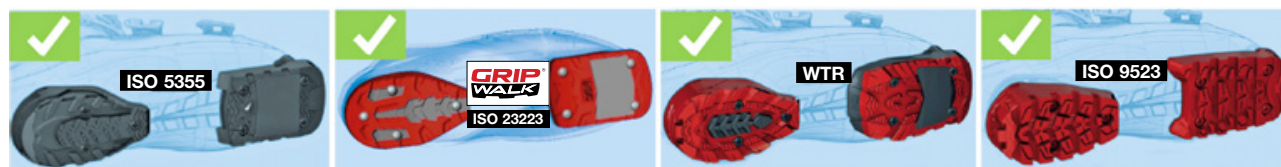
BINDING CALIBRATION ON RELEASE TEST MACHINE

For lateral release testing, please check that the shell of the boot does not rub against the body of the toe.



WARDEN 11 MNC

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

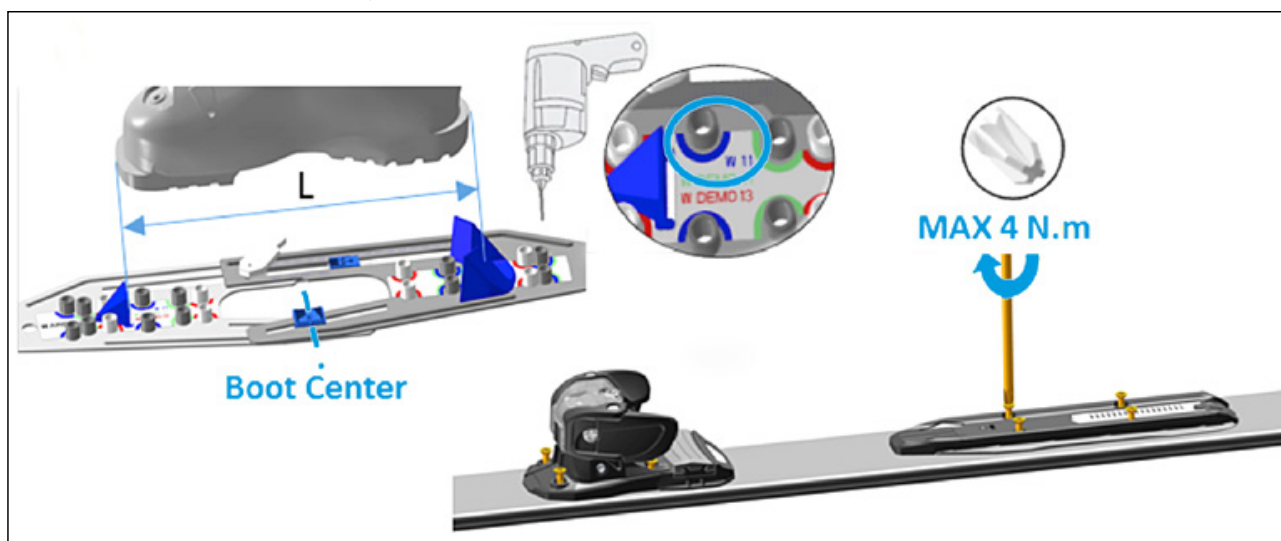
- Alpine ski boots compliant with ISO 5355 standard.
- Touring boots compliant with iso 9523 standard
- Ski boots equipped with “WTR technology” pads or with “GRIPWALK” ISO 23223 standard pads

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING

1. For mounting WARDEN 11 MNC binding on skis, holes have to be drilled with the Atomic mounting jig (ref AZD000426 / L3910910001 / RD0000126) to ensure a proper alignment of the binding. Mount the toe piece and the rear plate on ski by tightening the screws at 4 N.m ▼



>>>

2. Insert the heel and brake piece from the back position on the plate according to the boot sole length. ▼



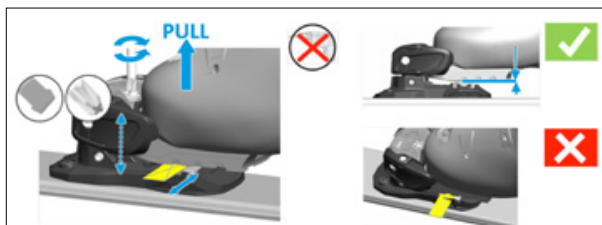
3. Step in the boot. ▼



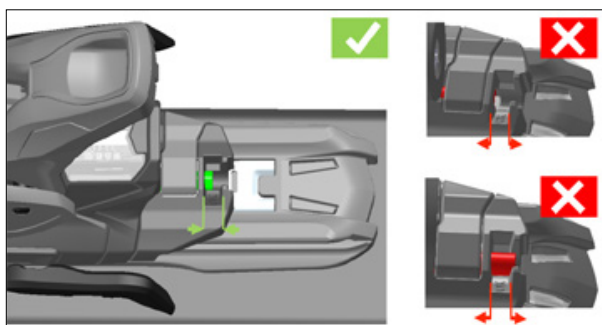
4. Select and adjust the setting release values for toe and heel pieces. ▼



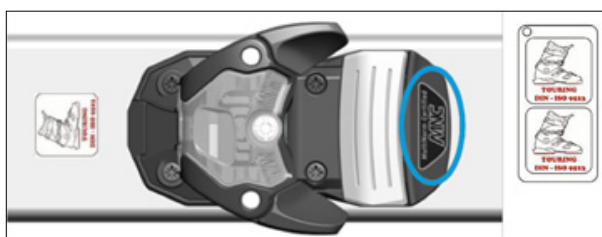
5. Adjust the toe height with adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding. ▼



6. Check and adjust the forward pressure. ▼

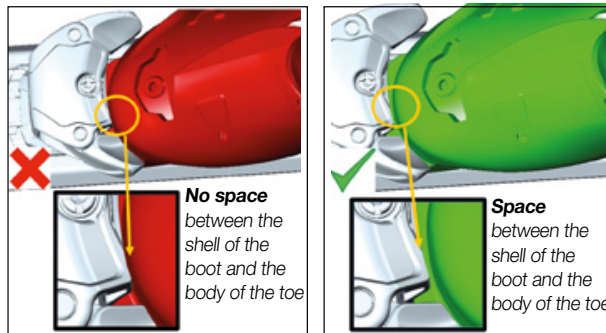


7. In case of adjustment with touring boots compliant with ISO 9523 standard, paste sticker on each skis. ▼



BINDING CALIBRATION ON RELEASE TEST MACHINE

For lateral release testing, please check that the shell of the boot does not rub against the body of the toe.



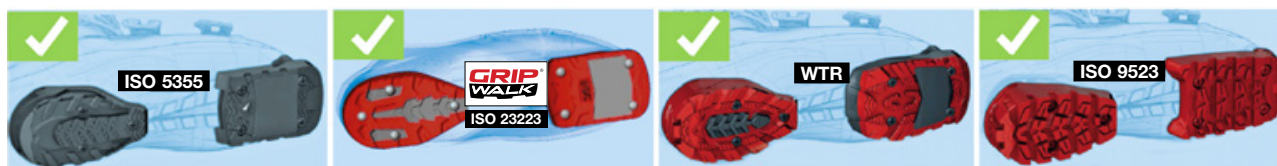
N STH² 16 MNC

TO BE MOUNTED BY A ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:



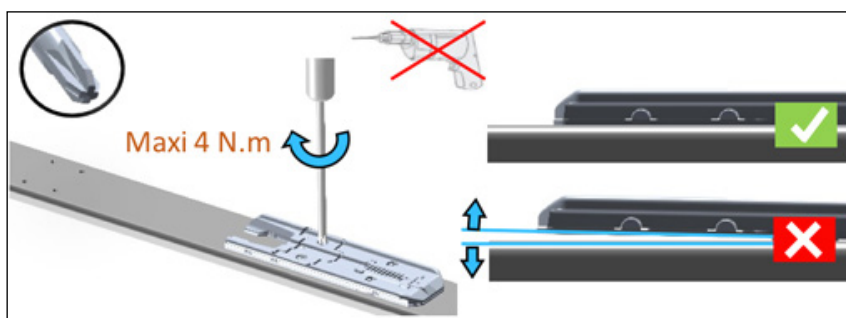
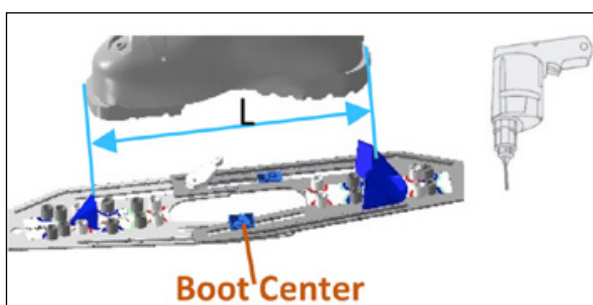
- > Alpine ski boots compliant with ISO 5355 standard.
- > Touring boots compliant with iso 9523 standard
- > Ski boots equipped with “WTR technology” pads or with “GRIPWALK” ISO 23223 standard pads

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any Atomic authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING

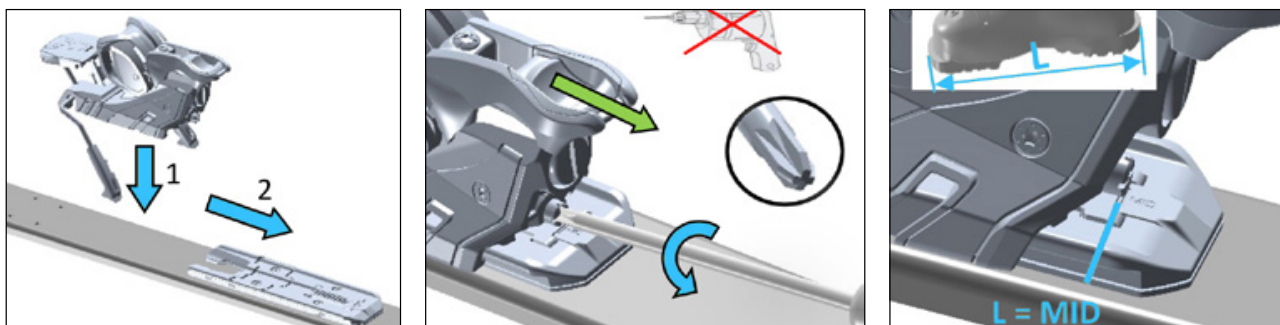
1. To ensure a proper alignment of the binding, for mounting STH2 16 MNC binding on skis, use the Atomic mounting jig (reference AZD000440 / L3298160001 / RD0000132). Drill the skis following ski and binding manufacturer's instructions.
Mount the rear plate on the ski by tightening the screws at 4 N.m and check that rear plate is correctly mounted.



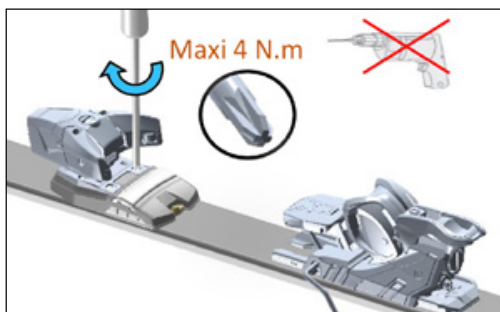
2. Assemble the ski brake with the heel piece



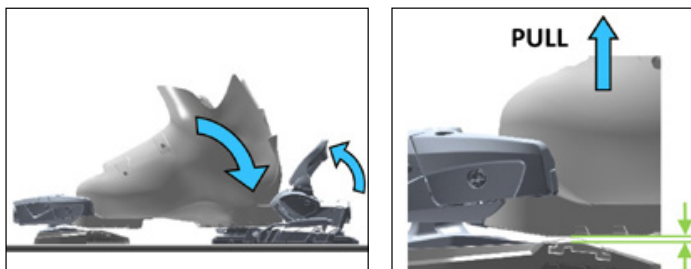
3. From the center of the ski, insert the heel piece on the rear plate and adjust at the "MID" position with a screwdriver.



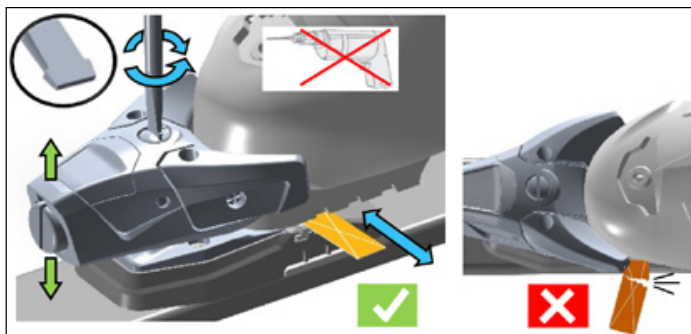
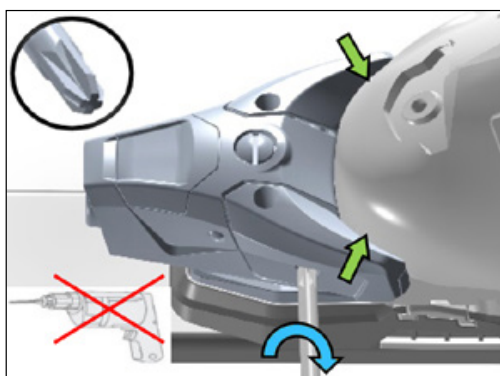
4. Mount the toe piece on the ski by tightening the screws at 4 N.m



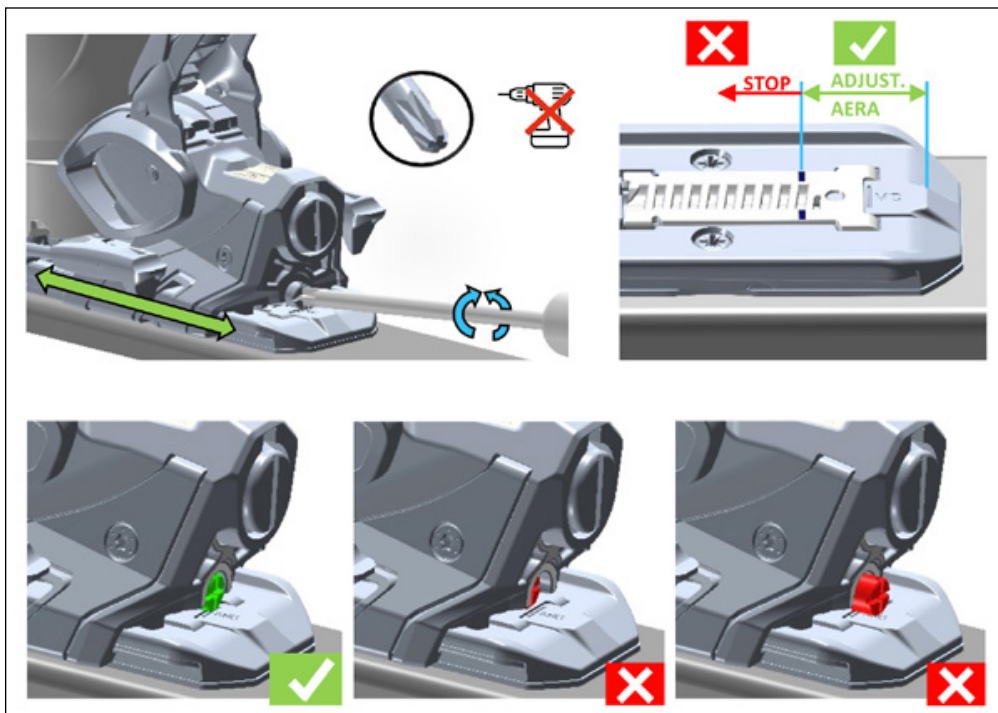
5. Step-in the ski boot in the binding and adjust the toe height with the adjustment screw until to create a gap of the thickness of the mounting instruction sheet between the boot sole and the binding (see § : ADJUSTING – WING ADJUSTMENT > page 14).



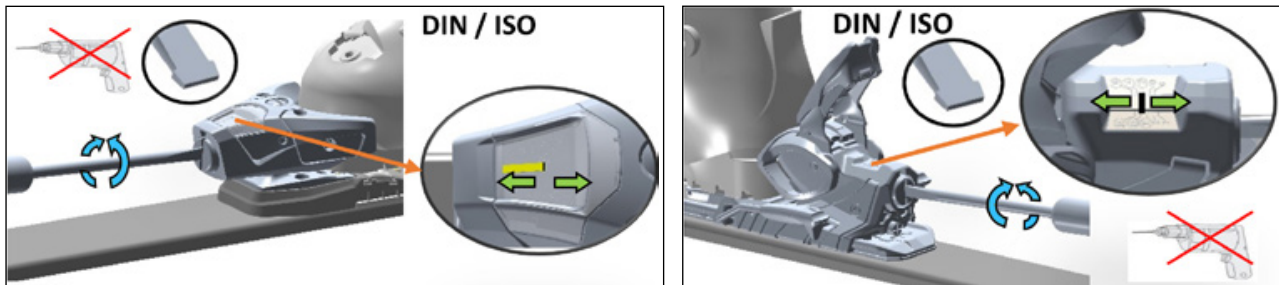
6. With the screw on the left side of the toe piece, adjust the toe wings to come in contact with the ski boot. (see § : ADJUSTING – TOE HEIGHT ADJUSTMENT > page 14).



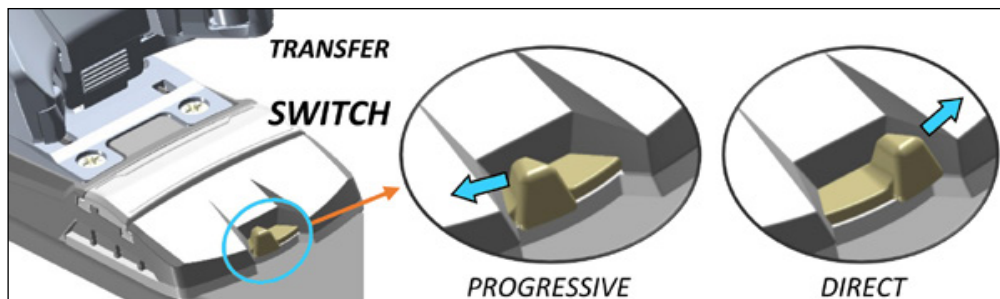
7. Step-out / step-in the boot, check and adjust the forward pressure.



8. Select and adjust the setting release values for toe and heel pieces.



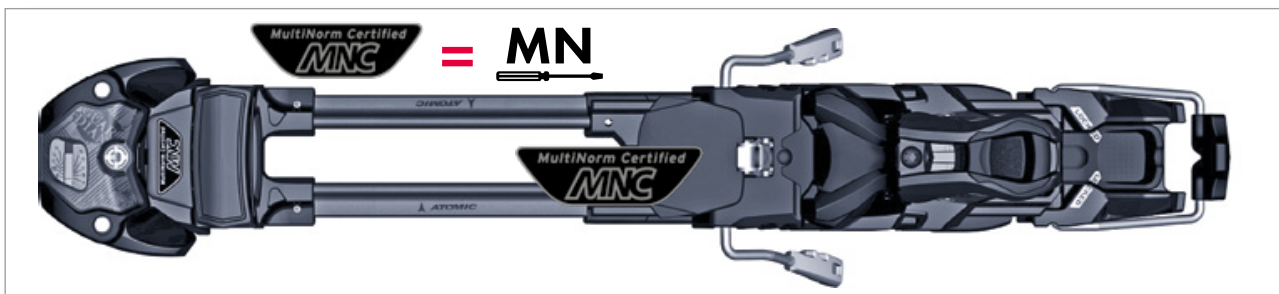
9. Information for the skier regarding the choice of the position of the button



- ▶ Progressive mode - Provides increased dampening to smooth out terrain and snow feedback.
- ▶ Direct mode - Provides immediate response and the most direct edge engagement.

TRACKER MNC

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- Alpine ski boots compliant with ISO 5355 standard.
- Touring boots compliant with ISO 9523 standard
- Ski boots equipped with "WTR technology" pads or with "GRIPWALK" ISO 23223 standard pads

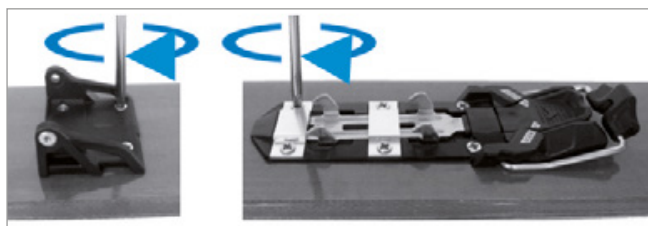
Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING PROCEDURE

1 – For mounting Backcountry bindings, holes have to be drilled with the Atomic mounting jig (ref 3267050001) to ensure a proper alignment of the binding.

2- Mount the toe base plate and the step-in by tightening the screws at 4 N.m



3 - Remove shaft and screw from plastic bag



4 - Insert the toe piece in the base plate



5 - Insert the shaft and the screw and tighten with a screwdriver (Torx T25 (x2)) - Maxi 4 N.m



>>>

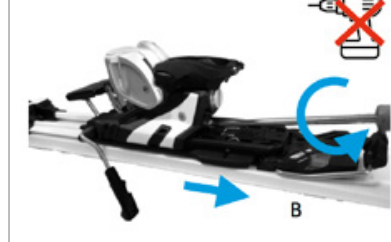
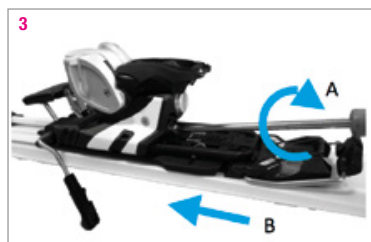
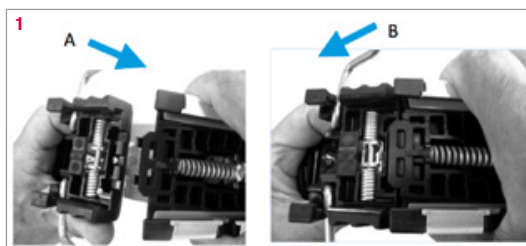
6 - Placing ski brake

> Refer to the Atomic spare part catalogue to know which brake to use according to the different ski widths and binding models.

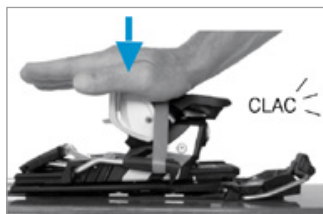
> (fig. 1) Take the ski brake (A), insert the two lugs and assemble the ski brake on the heel piece (B)

> (fig. 2) From the front, slide backward (A) the complete heel piece and readjust the heel piece's position (B).

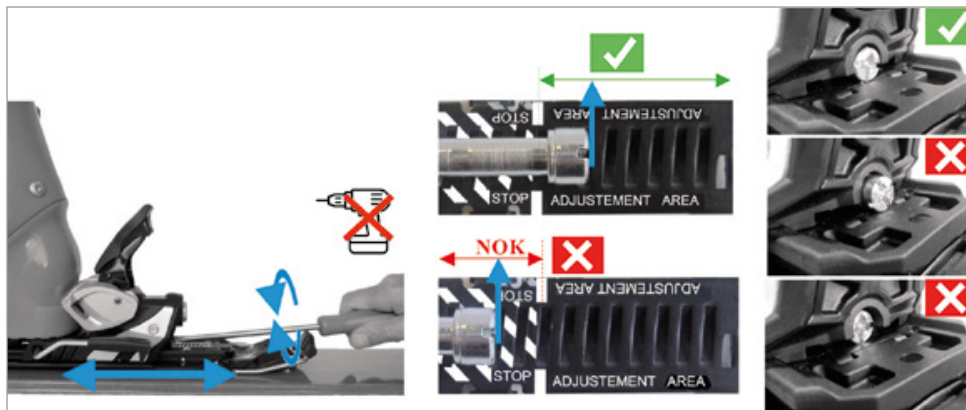
> (fig. 3) Turn the screw (A) and remove forward the heel piece from the rear plate (B)



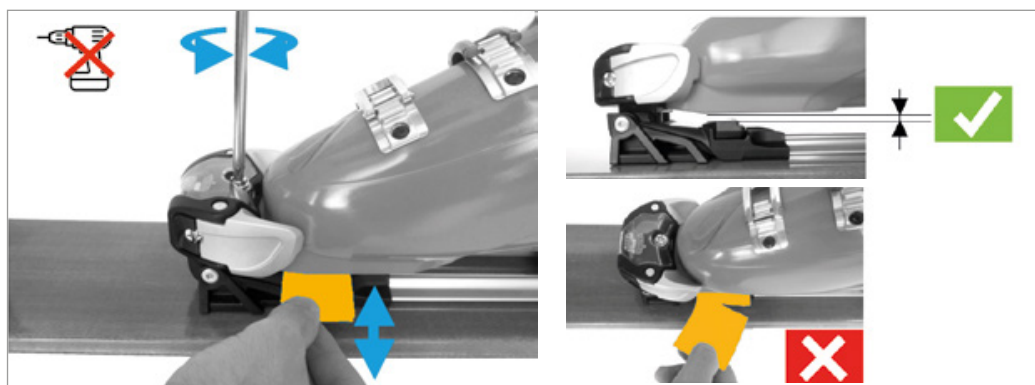
7 - Press the heel to lock in the step-in



8 - Step in the boot and adjust the heel piece's position with a screwdriver and **check forward pressure**



9 - Adjust the boot toe's height by turning the adjustment screw to create a gap of the thickness of the mounting instruction sheet the boot sole and the binding



In case of adjustment with touring boots compliant with ISO 9523 standard, paste sticker on each ski



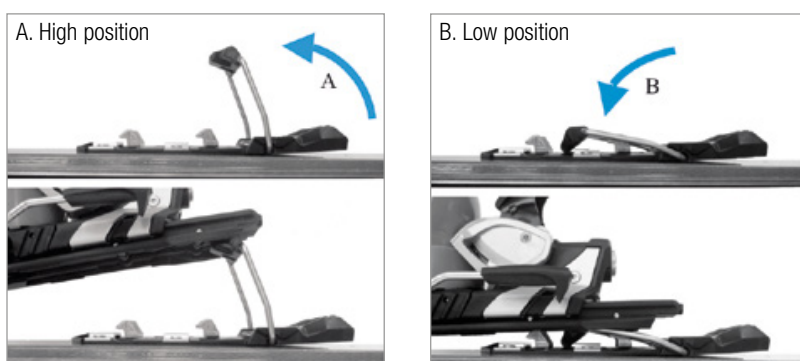
HIKING MODE

SWITCH FROM SKIING TO HIKING POSITION

1 - Use the ski pole to push backward the step in, lift the ski boot, and flip forward the hiking aid.



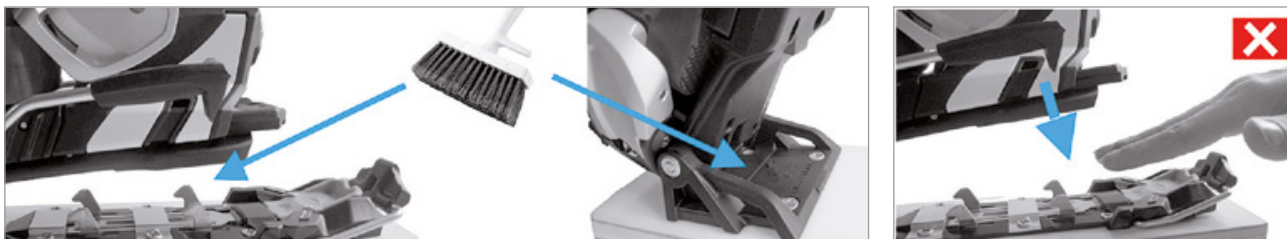
2 - Hiking aid can be set in 2 positions :



SWITCHING FROM HIKING TO SKIING POSITION

1 - The binding must be cleaned from snow, ice and dirt.

DO NOT put the hand between the ski and the binding when switching to skiing position



2 - Push back the climbing aid and lock down the binding heel piece

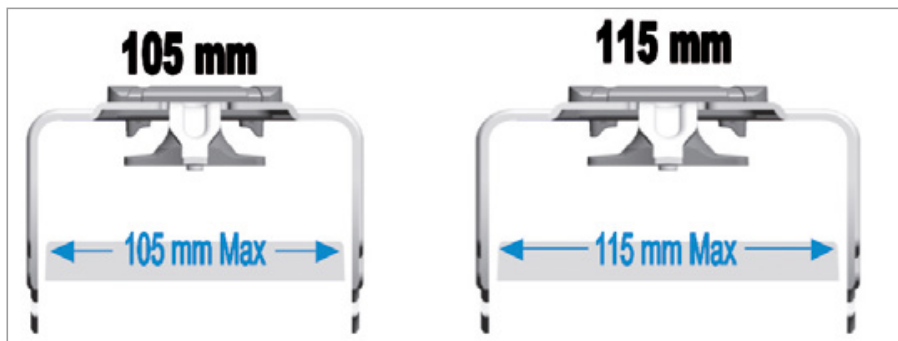


3 - Before skiing check that the binding is correctly locked in

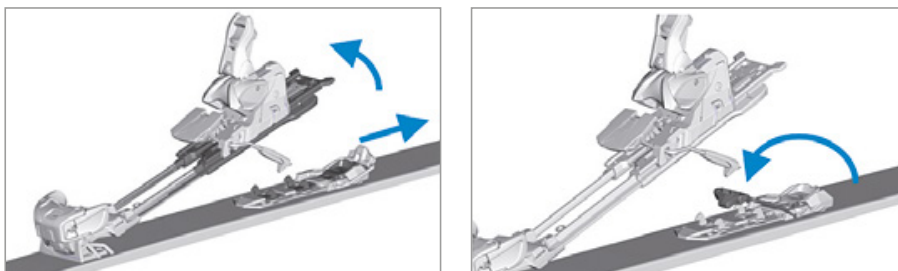


CRAMPON BACKCOUNTRY

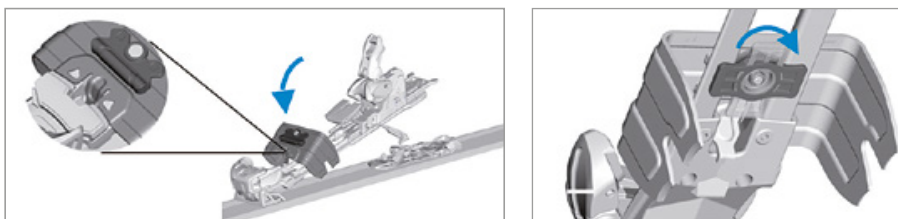
Use the crampton which is adapted to the ski waist width.



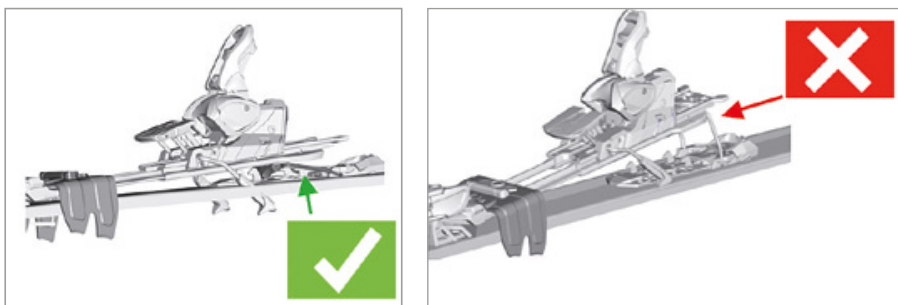
1 - Push backward the step in, lift the binding, and flip forward the hiking aid



2 - Insert the crampton in the two lugs of the toe piece and lock the crampton

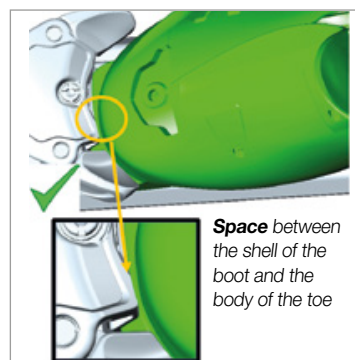
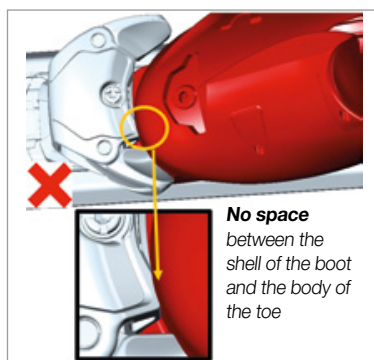


3 - Before using crampons **make sure that the hiking aid is in the low position.**
NEVER USING CRAMPONS IN THE HIGH POSITION



BINDING CALIBRATION ON RELEASE TEST MACHINE

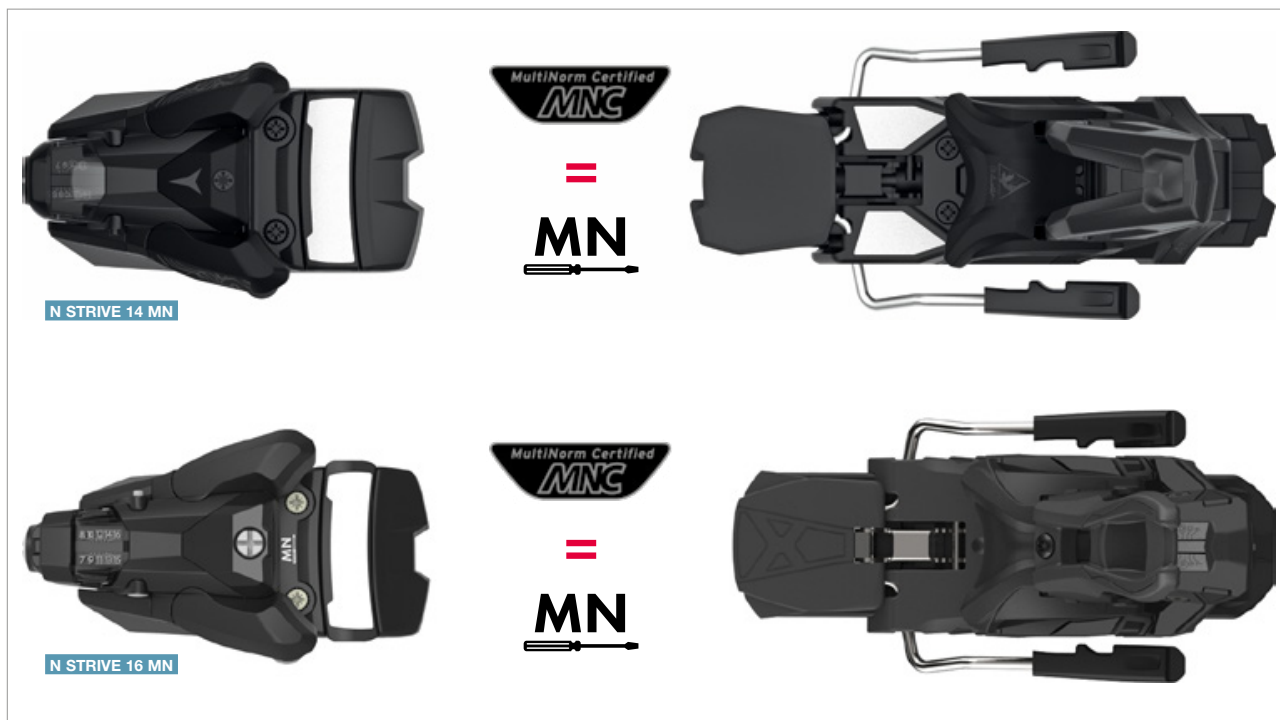
For lateral release testing, please check that the shell of the boot does not rub against the body of the toe.



N STRIVE 14 & 16 MN



TO BE MOUNTED BY A ATOMIC AUTHORIZED DEALER ONLY.



WARNING

THESE ALPINE BINDINGS ARE INTENDED TO BE USED ONLY WITH THE FOLLOWING SKI BOOTS:

- Alpine ski boots compliant with ISO 5355 standard.
- Touring boots compliant with iso 9523 standard
- Ski boots equipped with "WTR technology" pads or with "GRIPWALK" ISO 23223 standard pads

Any use with other ski boots could cause the ski-binding-boot system to be faulty and affect release characteristics, which would increase the risk of serious injury while skiing.

Therefore, skiers are warned not to use this product with any ski boots other than those meeting the standards indicated above. Skiers are advised to consult the dealer where this product was purchased, or an equipment specialist at any ATOMIC authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

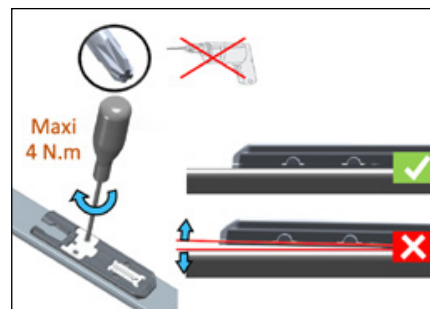
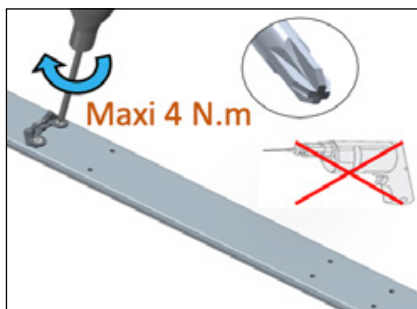
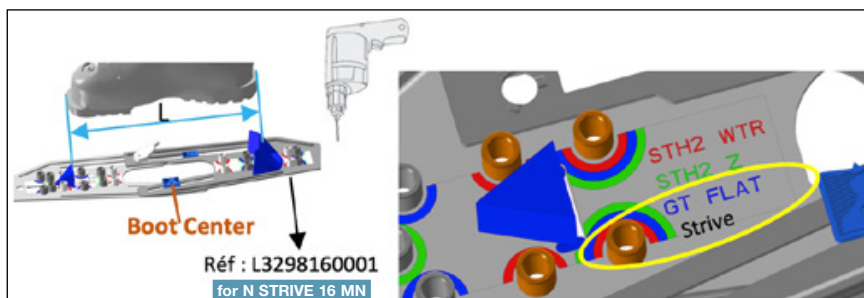
> > >

MOUNTING & ADJUSTING

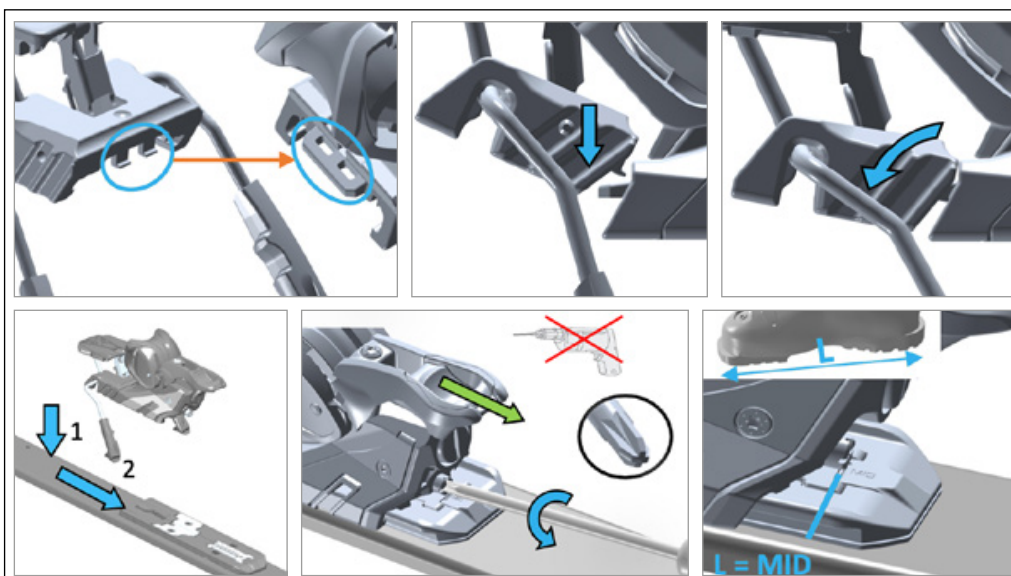
1. For mounting N STRIVE 16 MN on skis, holes must be drilled with Atomic mounting jig (ref. AZD000440 / L3298160001 / RD0000132) to ensure a proper alignment of the binding.

For mounting N STRIVE 14 MN it's jig ref. AZD000426 / L3910910001 / RD0000126.

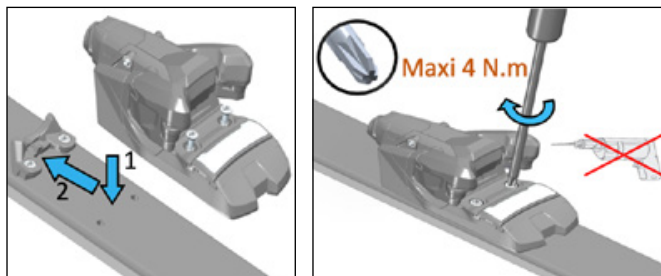
Mount the toe piece base and the rear plate on ski by tightening the screws with a 4 N.m torque.



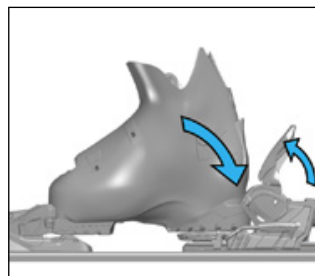
2. Assemble the heel piece with the ski brake and insert the whole piece from the front on the rear plate. Adjust it properly according to the boot sole length.



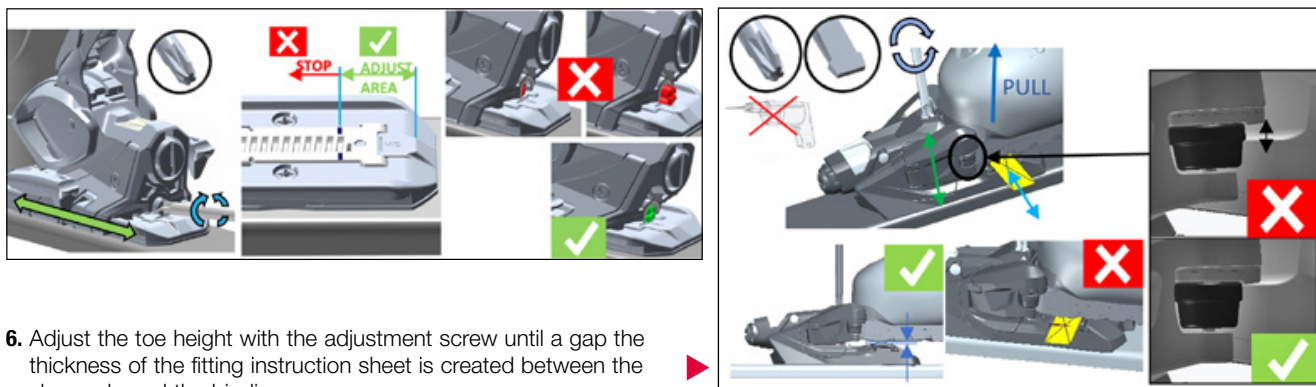
3. Insert the toe piece on its base and tighten the screws with a 4 N.m torque.



4. Step in the boot.

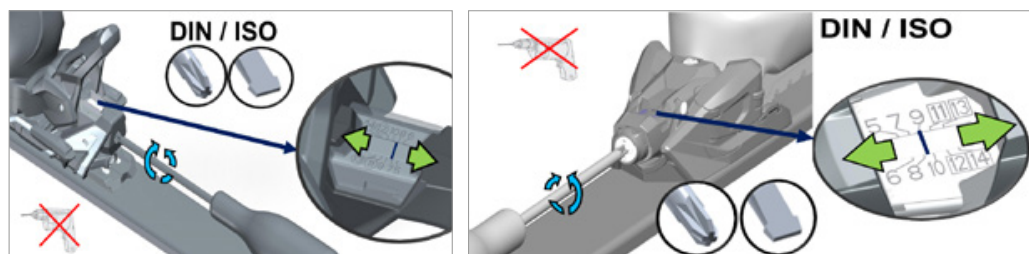


5. Check and adjust the forward pressure.

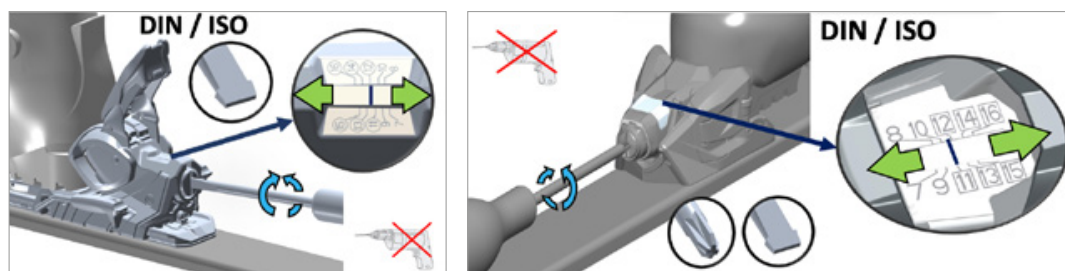


6. Adjust the toe height with the adjustment screw until a gap the thickness of the fitting instruction sheet is created between the shoe sole and the binding.

7. Adjust the setting release values for toe and heel pieces.

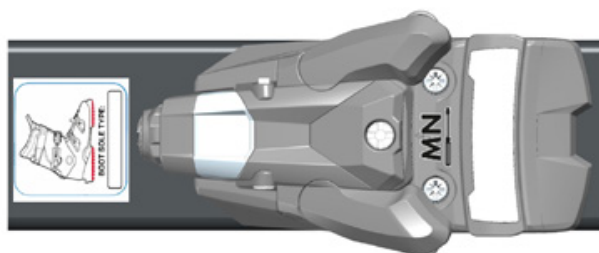


N STRIVE 14 MN



N STRIVE 16 MN

8. Paste sticker on each ski and write down the type of boot corresponding to the toe height setting.



BOOTS & BINDING COMPATIBILITIES

#5

TOURING BINDING ARE INTENDED TO BE USED ONLY WITH FOLLOWING SKI BOOTS :

► **SKI TOURING BOOTS WHICH HAVE INSERTS FOR PIN BINDINGS**

BACKLAND PURE AND TOUR BINDING	113
BACKLAND SUMMIT 5 - 9 - 12 BINDINGS	117

WARNING

THESE BINDINGS DO NOT COMPLY WITH DIN/ISO 13992. THE BINDINGS HAVE BEEN DESIGNED, DEVELOPED AND PRODUCED TO BE USED FOR EXTREME ALPINE SKIING OR SKI RACING

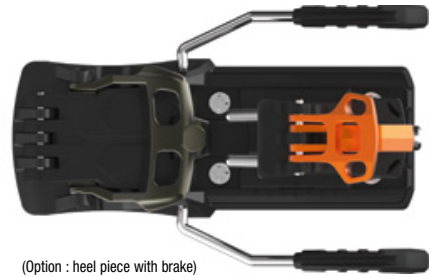
There is no fine tuning of the release settings; they are designed to release when subjected to twisting and forward lean.

These bindings must only be used in conjunction with ski touring boots which have inserts for the bindings.

The effectiveness of the release mechanism of the bindings is highly dependent on insert and boot we

BACKLAND PURE AND TOUR

TO BE MOUNTED BY AN ATOMIC AUTHORIZED DEALER ONLY.



(Option : heel piece with brake)

WARNING

These bindings do not comply with DIN/ISO 13992. The bindings have been designed, developed and produced to be used for extreme alpine skiing or ski racing.

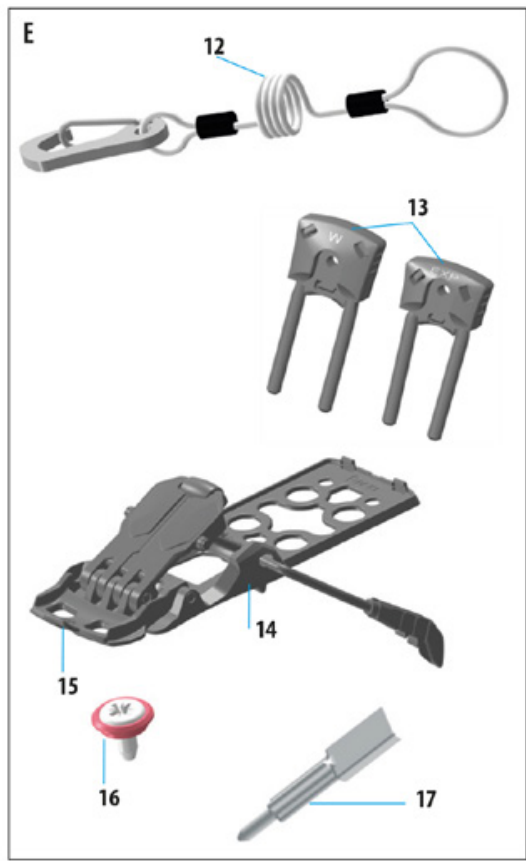
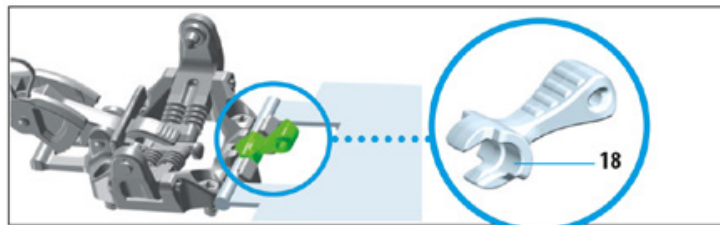
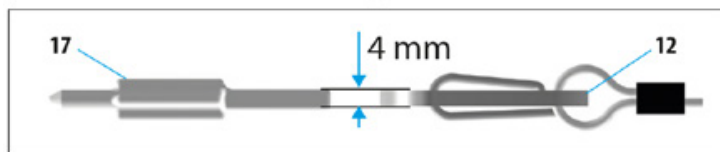
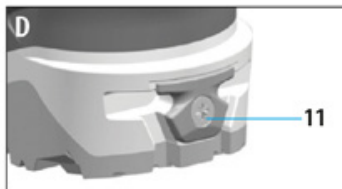
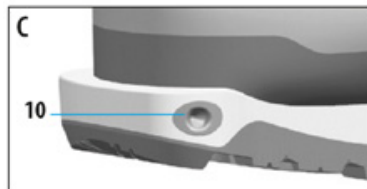
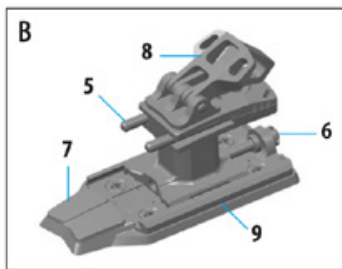
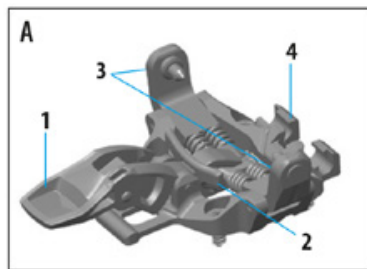
There is no fine tuning of the release settings; they are designed to release when subjected to twisting and forward lean.

These bindings must only be used in conjunction with ski touring boots which have inserts for the bindings.

These bindings are not compatible with boots with a front accordion pleat such as Telemark boots.

The effectiveness of the release mechanism of the bindings is highly dependent on insert and boot wear.

BINDING DESCRIPTION



A- The toe piece

- 1- Lever for clamping and freeing the boot
- 2- Boot toe guide
- 3- Wings
- 4- Crampon mount

B- The heel piece

- 5- Retaining U-spring for the heel insert
- 6- Boot size adjustment screw
- 7- Low heel lift guide
- 8- Medium and high heel lift guide
- 9- Length adjustment scale

C- Toe of the boot

- 10- Front insert

D- Heel of the boot

- 11- Rear insert

E- Optional accessories

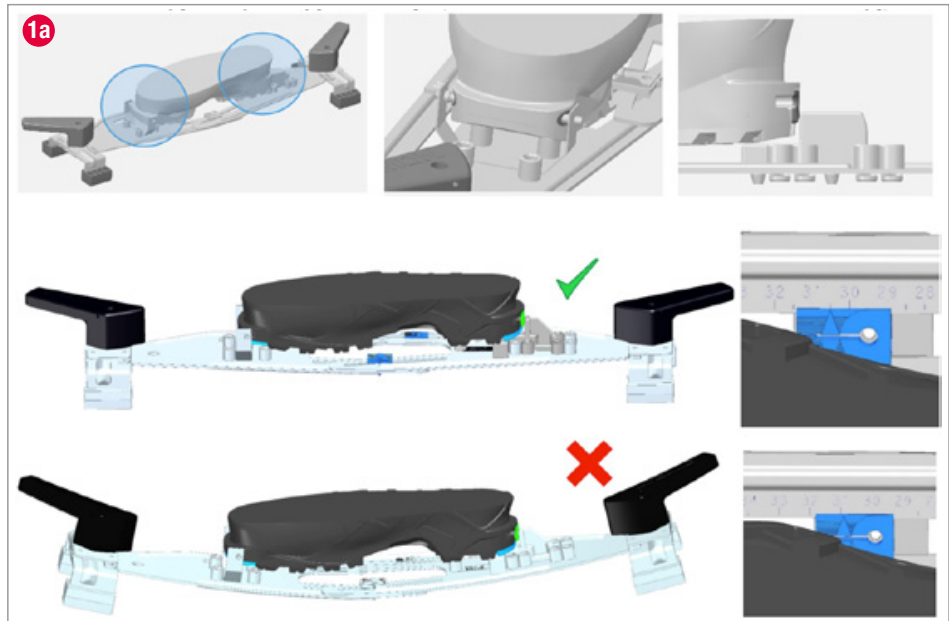
- 12- Safety strap
- 13- Different types of U-spring
- 14- Brake
- 15- Clamping lever
- 16- Pre-fitted screw
- 17- Guiding tool / setting tool
- 18- Additional part for Dynafit / ATK crampons

MOUNTING & ADJUSTING PROCEDURE

1- In order to mount the bindings, it is important to use the correct Atomic jig (ref L3816250001 / AZD000428 / RD000012) to ensure the binding is perfectly aligned. Put the boots on the jig and adjust the jig at boot length (the rear insert of the boot must be in contact with the jig). (**fig. 1a**)

Option

If the brake is added afterwards, unscrew the 8 screws and put them to one side. Take off the toe and the heel pieces. Using the proper tool (n°17), line up the jig with a bushing on one of the screw holes in the heel. The three other holes should then appear under the other drill guide rings. Drill the extra hole for the brake. (**fig. 1b**)

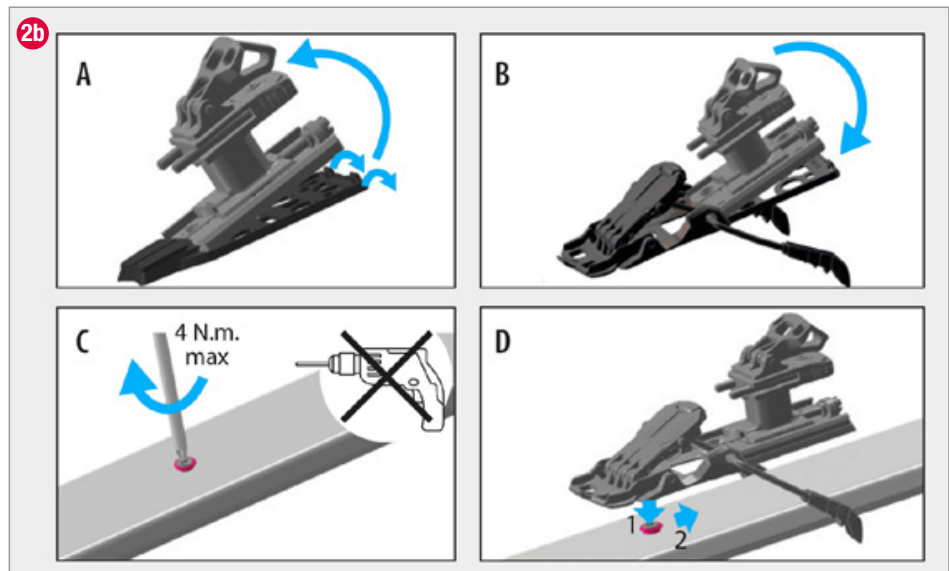
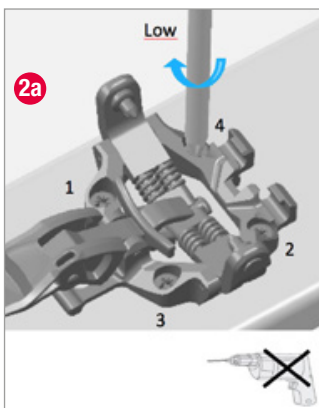
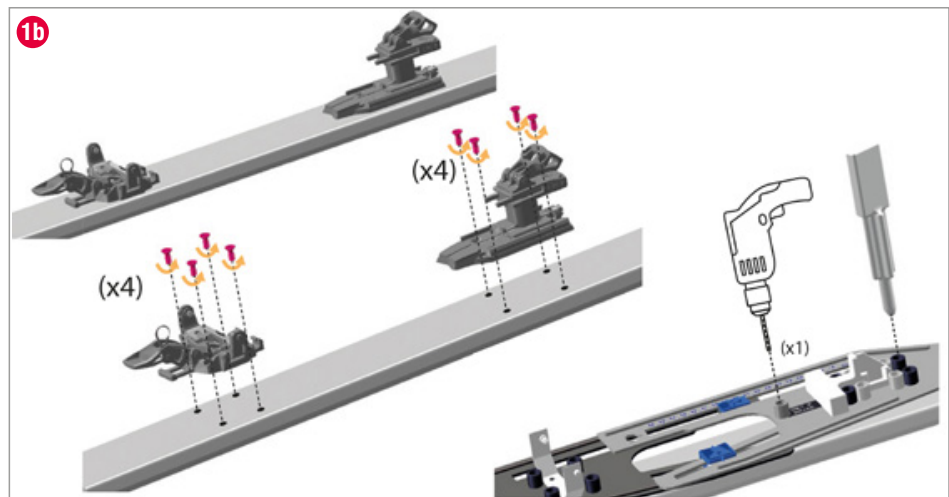


2- Mount the toe piece by gently screwing the screws in the order shown after so that the toe piece is still able to rotate slightly. (**fig. 2a**)

Options (**fig. 2b**)

- A- Unclip the low lift guide (n°7)
- B- Clip the boot heel over the brake
- C- Tighten the pre-fitted screw by hand, 4 Nm max (n°16)
- D- Mount the entire sub-assembly of heel piece and brake at the top then move it backwards in the direction of the arrows

Ensure the sub-assembly of heel piece and brake is properly mounted on the ski.



3- Mount the heel piece by tightening the screws in the order 1 - 2 - 3 - 4 (fig. 3)

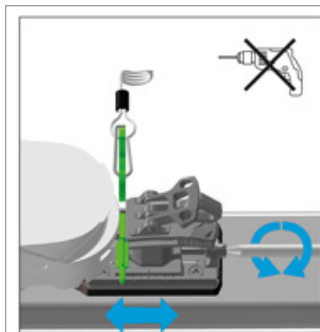
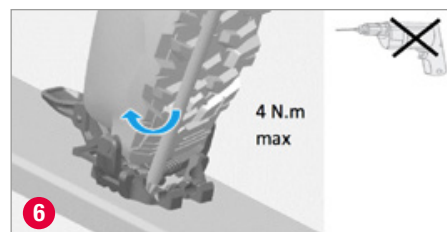
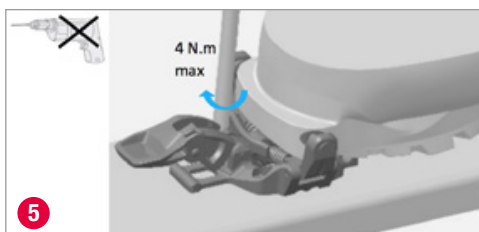
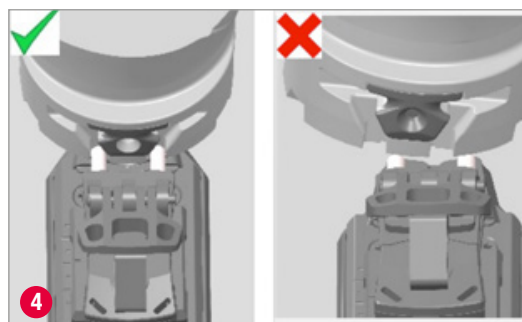
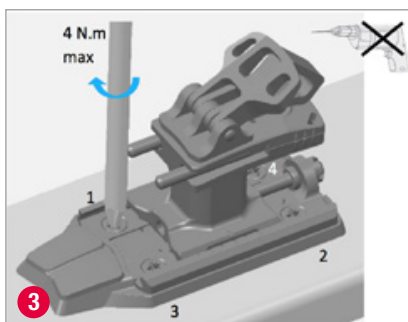
4- Step-in the ski boot into the toe piece and make sure that the rear insert of the boot is correctly aligned with the U-spring of the heel piece. (making a "V" between the heel boot insert and the U-spring) (fig. 4)

5- Then fully tighten the two front screws on the toe piece (screw n°1 and 3) to the correct torque (fig.5)

6- Tilt the boot forward and fully tighten the two rear screws (screw n° 2&4) to the correct torque. (fig. 6)

Check that all the screws are firmly seated and none of the thread is stripped.

7- Put the boot into the heel piece and check the length of the binding marries correctly with the boot using the snap hook of the safety strap or the designated tool n°17 as template. (fig. 7a)



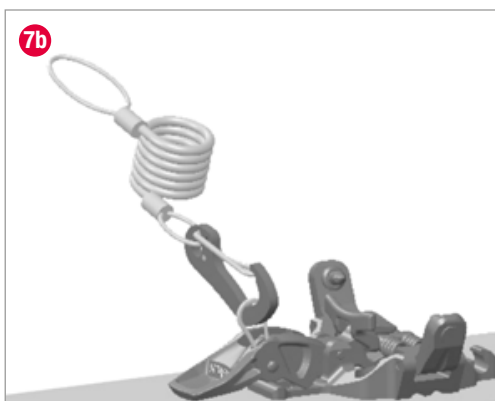
Options:

Assemble the safety straps onto the toe pieces (fig. 7b)

8- The heel piece retaining U-spring (fig. 8)

The choice of U-spring should be based up on discussions between the skier and the authorized reseller so that all factors which affect the choices are fully considered.

U-springs for MEN are delivered pre-mounted on the bindings

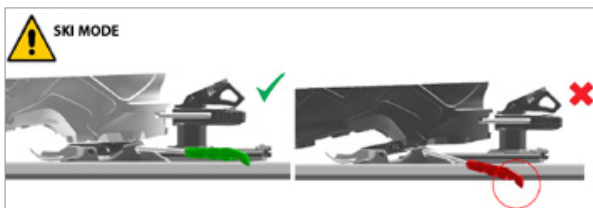


Model of U-spring used	W = WOMEN	MEN	EXP = EXPERT
Skier classification	Type 1 or 2	Type 1 or 2	Type 3
	Increases release value of the binding in the event of an inadvertent release		Increases release value of the binding in the event of a fall

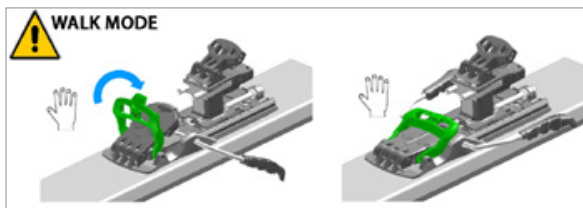
> For more details, please, refer to chapter "Release Preference" page 121

>>>

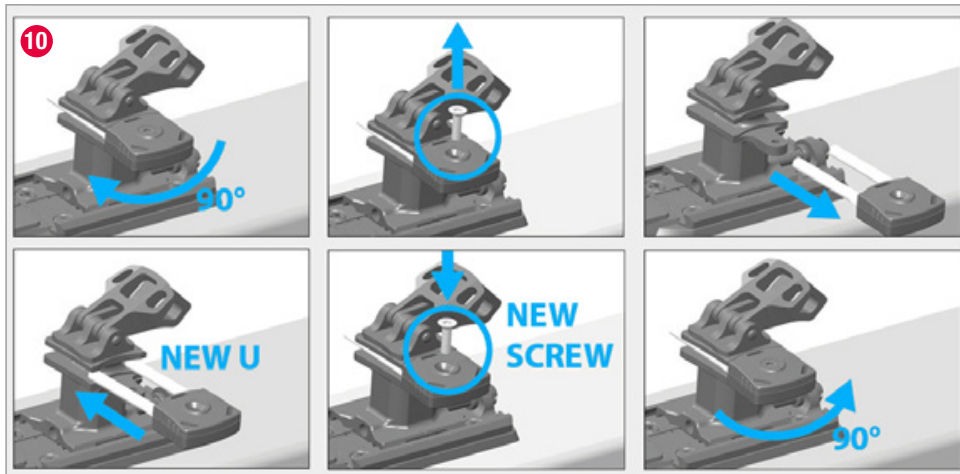
9. Once the boot is on, check that the brake arms close properly.



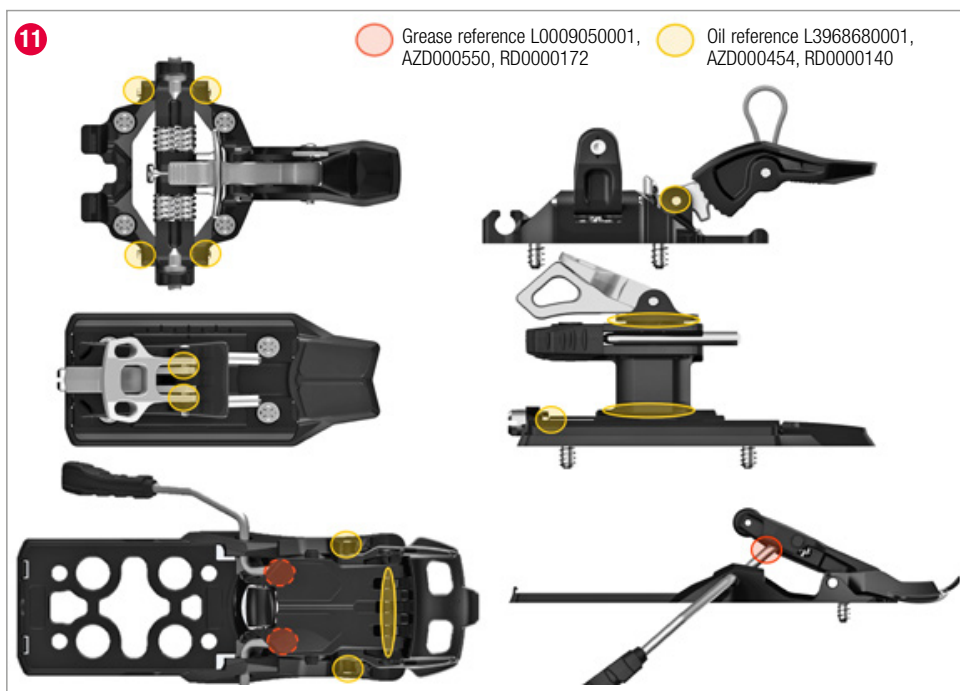
Advise the skier to lock the brake by hand



10- Replacing the heel piece U-spring



11- Lubrication points



ADVICE FOR THE SKIER

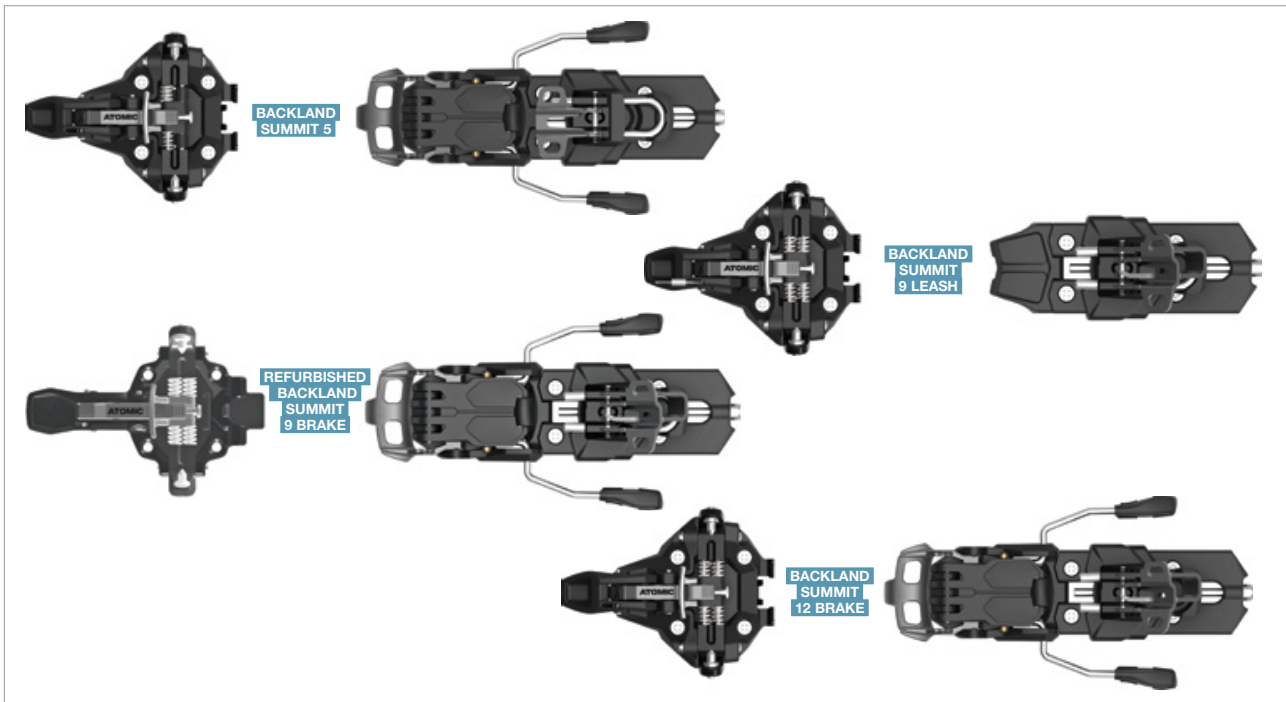
YOU SHOULD NOTIFY THE SKIER OF THE FOLLOWING POINTS:

- ♦ The bindings have been designed, developed and produced to be used for extreme skiing or ski racing.
- ♦ The skier has been made fully aware of the risks involved at time of purchase of these bindings.
- ♦ The leaflet attached to the heel piece should be handed to the skier.
- ♦ All adjustment to the bindings (changes to the length settings and replacing the U-springs) should only be carried out by an authorized reseller
- ♦ These bindings are compatible with PLUM, DYNAFIT and ATK crampons.
- ♦ It is recommended to use the additional part n°18, if Dynafit/ATK crampon are used
- ♦ The bindings should be regularly lubricated by a certified reseller.

BACKLAND SUMMIT 5 **BACKLAND SUMMIT 9 LEASH OR BRAKE** **REFURBISHED BACKLAND SUMMIT 9 BRAKE** **BACKLAND SUMMIT 12 LEASH OR BRAKE**



TO BE MOUNTED BY A ATOMIC AUTHORIZED DEALER ONLY.



WARNING These bindings do not comply with DIN/ISO 13992. The bindings have been designed, developed and produced to be used for extreme alpine skiing or ski racing. The skier has been made fully aware of the risks involved when purchasing these bindings. The leaflet attached to the bindings should be handed to the skier. These bindings must only be used with ski touring boots which have inserts for PIN bindings. These bindings are not compatible with boots with a front accordion pleat such as Telemark boots. The effectiveness of the release mechanism of the bindings is highly dependent on insert and boot wear. These bindings are compatible with PLUM and DYNAFIT crampons.

MOUNTING & ADJUSTING PROCEDURE

For binding description and vocabulary please refer to previous model **BACKLAND PURE & BACKLAND TOUR** page 113.

1. For mounting BACKLAND SUMMIT on skis, holes must be drilled with Atomic mounting jig (ref AZD000428) to ensure a proper alignment of the binding. Put the boots on the jig and adjust the jig at boot length (the rear insert of the boot must be in contact with the jig).



2. The BACKLAND SUMMIT 5 is pre-mounted with screws for G1-G2 skis. If you will use G3-G4 skis, you'll find in the box a screw set for heel, toe and the pre-fitted screw for the brake. For the **REFURBISHED Backland SUMMIT 9 BRAKE**, make sure you mount the toe with the lifter provided in the box..

⚠ If the binding BACKLAND SUMMIT 5 is mounted on G3-G4 skis : the maximum screwing torque is 3 N.m



3. Screw the toe (in order 1, 2, 3, 4), by hand and by tightening the screws respecting the maximum torque (3N.m in G3-G4 skis / 4N.m in G1-G2 skis).

4. For the brake version, begin to screw the pre-fitted screw, by hand and by tightening the screws respecting the maximum torque (3N.m in G3-G4 skis / 4N.m in G1-G2 skis).

5. Mount the brake from the top then move it backwards in the direction of the arrows.

6. ONLY FOR THE BACKLAND SUMMIT 5

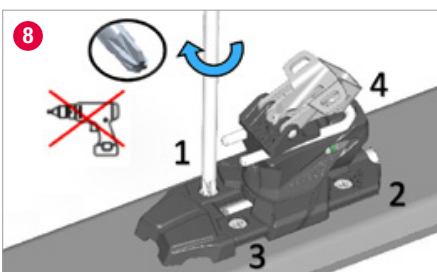
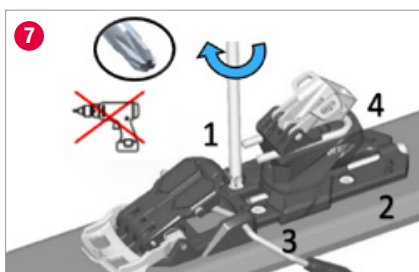
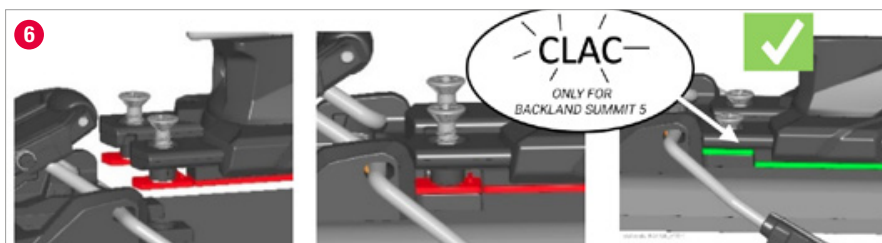
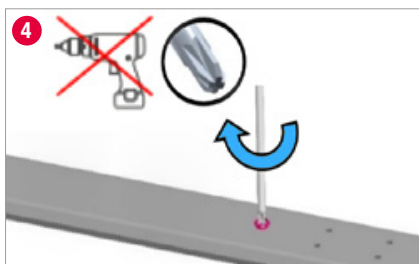
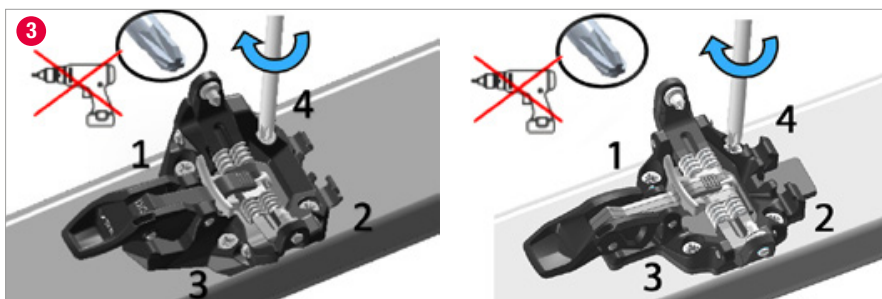
Then clip the heel with the brake: you should hear a CLAC and see that the small front zone of the plastic part is now detached from the rest.

7. Now screw the heel (in order 1, 2, 3, 4), by hand and by tightening the screws respecting the maximum torque (3N.m in G3-G4 skis / 4N.m in G1-G2 skis).

8. For the leash version, screw directly the heel (in order 1, 2, 3, 4), by hand and by tightening the screws respecting the maximum torque (3N.m in G3-G4 skis / 4N.m in G1-G2 skis).

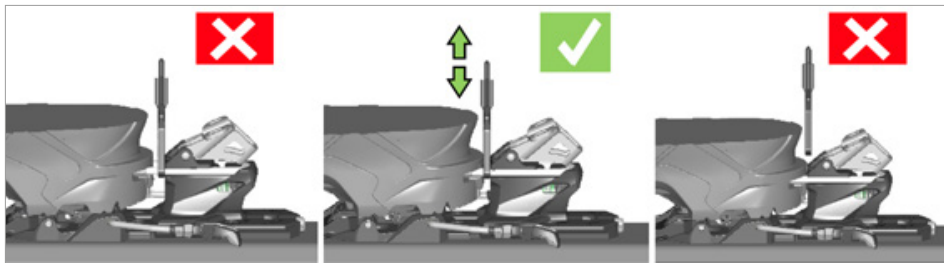
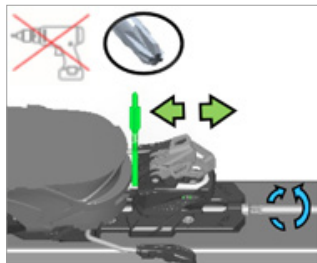
9. Check the alignment by stepping in the boot into the toe. Check the heel step-in zone as illustrated below: rear insert of the boot must be aligned with U spring of the heel.

10. Fully tighten the toe screws keeping the boot stepped in, by hand and by tightening the screws respecting the maximum torque (3N.m in G3-G4 skis / 4N.m in G1-G2 skis).

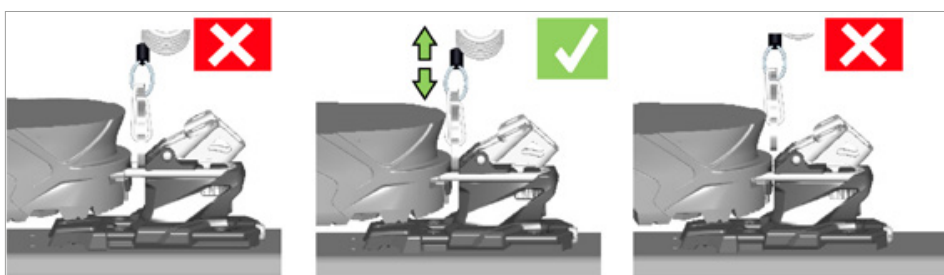
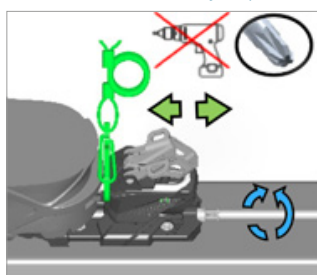


- 11.** Step in the boot into the heel and check the length of the binding using the guiding tool or the snap hook of the safety strap (for binding description and vocabulary please refer to previous model BACKLAND PURE & BACKLAND TOUR). If necessary, adjust the length screwing or unscrewing the boot size adjustment screw, by hand.

With the guiding tool:



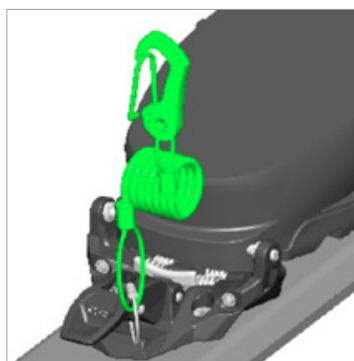
Or with the hook of the safety strap:



- 12.** Now adjust the release setting by screwing or unscrewing the heel rear screw, by hand.



- 13.** For the leash version, assemble the safety strap (also called leash) on the toe.



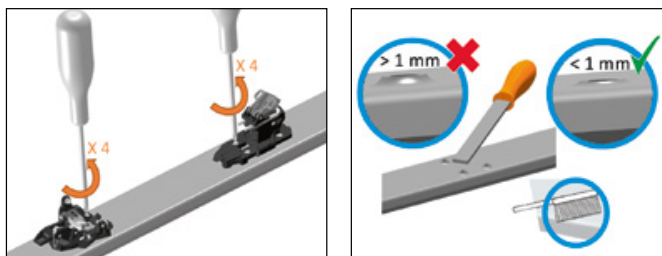
- 14.** The bindings should be regularly lubricated by a certified reseller following this schema.



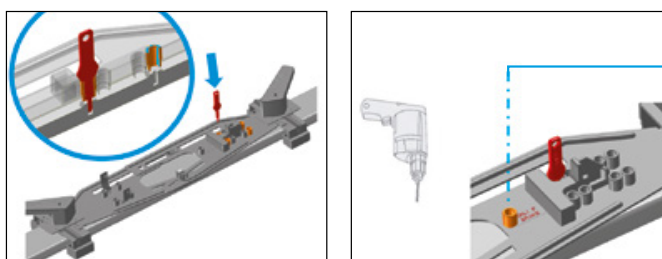
BRAKE INSTALLATION

On a SUMMIT LEASH there is a possibility of installing a brake, available as a spare part. Follow those instruction to mount it.

1. Dismount the SUMMIT LEASH Binding and make sure the ski surface is flat.



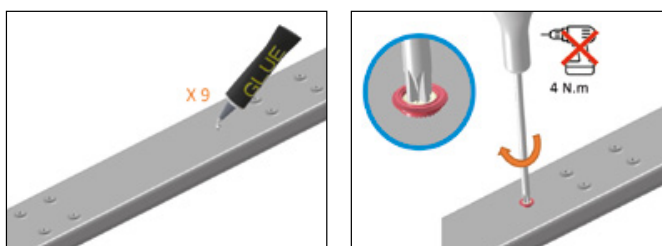
2. Install the jig on the ski. To make sure it is perfectly aligned, use the red plastic tool. Drill the missing hole using an appropriate drill bit*.



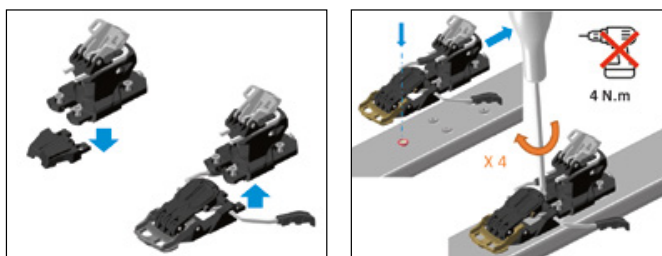
Ski	Diameter	Length	Reference	Aspect
Junior	4,1 mm	7,5 mm	000813	
Ski Group 3 & 4	5,0 mm	7,5 mm	000814	
Adult	4,1 mm	9,5 mm	000883	
Ski Group 1 & 2	5,0 mm	9,5 mm	000892	

*(see page 12)

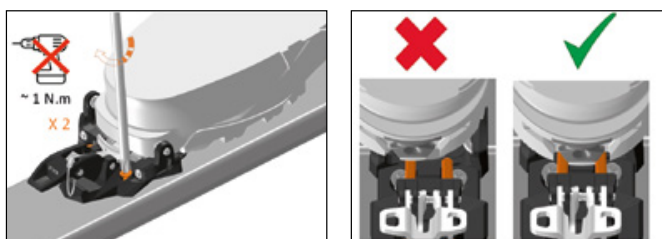
3. Put glue in the hole and install the holder screw on the hole previously drilled.



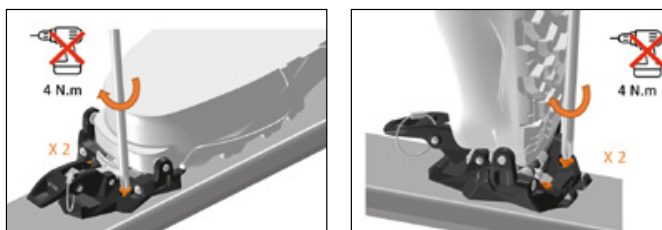
4. Unlock the plastic tip and put the brake in the same place. Mount the heel as described in the mounting and adjusting section.



5. Screw lightly the toe and install the shoe. Check the alignment by stepping in the boot into the toe. Check the heel step-in zone as illustrated below: rear insert of the boot must be aligned with U spring of the heel.



6. Fully tighten the toe screws keeping the boot stepped in, by hand and by tightening the screws respecting the maximum torque (3N.m in G3-G4 skis / 4N.m in G1-G2 skis).



RELEASE PREFERENCE

WHAT TYPE OF SKIER ARE YOU?

CHOOSING YOUR RELEASE PREFERENCE IS YOUR RESPONSIBILITY

The factors that determine the release setting on your ski bindings include your height, weight, age, boot sole length, and your personal release preference. You are responsible for determining your own release preference based upon the chart below and for informing the ski shop technician of your preference. Your ski shop technician cannot make this determination for you. Be sure to provide accurate information regarding your height, weight, age and personal release preference. Errors may increase your risk of injury.

 TYPE I ENTRY-LEVEL SKIERS PREFERRED LOWER RELEASE SETTINGS Skiers who designate themselves as type I receive lower than average release settings. This corresponds to an increased risk of inadvertent binding release to have releasability in a fall. This type also applies to entry-level skiers uncertain of their classification.	SKIERS NOT CLASSIFIED AS TYPE I OR TYPE III. TYPE II SKIERS PREFERRED RELEASE SETTINGS SUITABLE FOR MOST SKIERS Skiers who designate themselves as Type II receive average release settings suitable for most recreational skiers.	 TYPE III SKIERS PREFERRED HIGHER RELEASE SETTINGS Skiers who designate themselves as type III receive higher than average release settings. This corresponds to decreased releasability in a fall to have a decreased risk of inadvertent binding release. This classification is not recommended for skiers of 22 kg or less.
--	---	--

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

RELEASE VALUE SELECTION AND ADJUSTMENT

RELEASE SETTING ADJUSTMENT

CHART 1					CHART 2							
Mandatory Release values					Examples for Initial indicator value							
Skier's parameters			Inspection parameters		These are only the starting point in the binding setting process and may need to be modified in order to achieve the correct measured release value. Z (presetting), depending on boot sole length							
Skier's mass kg	Skier's height m	Skier code	Twist MZ N.m	Forward lean My N.m	≤ 230 mm	231 mm to 250 mm	251 mm to 270 mm	271 mm to 290 mm	291 mm to 310 mm	311 mm to 330 mm	331 mm to 350 mm	≥ 351 mm
			5 ^a	18 ^a								
10 to 13		A	8	29	0,75	0,75	0,75					
14 to 17		B	11	40	1,0	0,75	0,75	0,75				
18 to 21		C	14	52	1,5	1,25	1,25	1,0				
22 to 25		D	17	64	2,0	1,75	1,5	1,5	1,25			
26 to 30		E	20	75	2,5	2,25	2,0	1,75	1,5	1,5		
31 to 35		F	23	87	3,0	2,75	2,5	2,25	2,0	1,75	1,75	
36 to 41		G	27	102		3,5	3,0	2,75	2,5	2,25	2,0	
42 to 48	≤ 1,48	H	31	120			3,5	3,0	3,0	2,75	2,5	
49 to 57	1,49 to 1,57	I	37	141			4,5	4,0	3,5	3,5	3,0	
58 to 66	1,58 to 1,66	J	43	165			5,5	5,0	4,5	4,0	3,5	3,0
67 to 78	1,67 to 1,78	K	50	194			6,5	6,0	5,5	5,0	4,5	4,0
79 to 94	1,79 to 1,94	L	58	229			7,5	7,0	6,5	6,0	5,5	5,0
≥ 95	≥ 1,95	M	67	271				8,5	8,0	7,0	6,5	6,0
		N	78	320				10,0	9,5	8,5	8,0	7,5
		O	91	380				11,5	11,0	10,0	9,5	9,0
			105	452						12,0	11,0	10,5
			121	520								
			137 ^b	588 ^b								

NOTE 1. For skiers of 13 kg and under, no further correction is appropriate.

NOTE 2. For skiers of 17 kg and under skier type - 1 is inappropriate.

a : Lowermost tolerance limit. - b : Uppermost tolerance limit.

RELEASE VALUE SELECTION AND ADJUSTMENT

ADJUSTMENT PROCEDURE

The release setting adjustment is obtained by using the adjustment cap or adjustment screws.

The release setting is visible on the indicator. Adjust the toe piece and heel piece to the same settings. It is highly recommended to use a measuring device to check the release torque (see ISO 11088).

Release value selection and adjustment

The release settings must be used by the technician to determine the appropriate adjustment for each skier, which conforms to the following norms: ISO 11088, ASTM F 939, ASTM F 1063, and AFNOR FD S 52-748 (documentation fascicle).

SKIER CLASSIFICATION

This classification has to be determined by a dialogue between the skier and dealer, which helps to take into account the diverse factors that influence the adjustment. These factors are explained in the norms cited above.

› Type I skiers:

- Ski conservatively.
- Prefer slower speeds.
- Ski on easy to moderate slopes.
- Intermediate level, but not in good physical condition.
- Good skiers, smooth and supple style, emphasizing safety.
- Favor lower than average release/retention settings. This corresponds to an increased risk of inadvertent binding release in order to gain increased release capacity in a fall.

› Type II skiers:

- Intermediate skiers in good physical condition.
- Prefer a variety of speeds.
- Ski on varied terrain, including most difficult trails.
- All skiers who do not meet all the descriptions of the other skier types.

› Type III skiers:

- Ski aggressively.
- Normally ski at high speeds.
- Prefer moderate to steep terrain.
- Favor higher than average release/retention settings. This corresponds to decreased capability to release in a fall in order to decrease risk of inadvertent binding release.
- Type 3 settings should not be used by skiers of less than 22 kg.

OTHERS SKIERS TYPE

› Type I- skiers:

- Skiers looking for a lower release setting than type 1.
- Recommended for beginners over 25 years old.

› Type III+ skiers:

- Very strong skiers, on challenging terrain.
 - Skiers looking for a higher release setting than type 3 skiers.
- Skier type does not have the same meaning as skier ability. For instance, an advanced skier who skis all-terrain, but is not particularly aggressive, may be able to use Type 2 settings.

ADJUSTMENT PROCEDURE

1. Find the skier's code in [chart 1](#).

Locate the skier's weight in the first column and the skier's height in the second column. If the skier's weight and height are not on the same row, select the skier's code on the highest row.

2. This skier code is appropriate for Type 1 skiers.

For Type I- skiers: move up one row.

For Type II skiers: move down one row towards the bottom of the chart.

For Type III skiers: move down two rows on the chart.

For Type III+ skiers: move down three rows on the chart.

3. For skiers who are 50 years or older, or under 10 years: move up one row on the chart.

- For skiers weight 13 Kg and under, no further correction is appropriated.
- For skiers weight 17 Kg and under, type 1- skier is inappropriate.

4. After having determined the skier code, locate the column in [chart 2](#) that represents the skier's boot sole length (in mm).

5. The box at the intersection of the skier's boot sole length column and the skier's code row, shows the initial indicator setting for the skier. Adjust both toe pieces and heel pieces accordingly.

6. **Caution:** If the box at the intersection of the skier's boot sole length column and the skier's code row is empty, move horizontally on the same row and use the closest indicator setting.

7. If it is obvious that the bindings release inadvertently (unnecessarily), at the request of the skier, the dealer can:

- At first, increase the level in the forward fall, that is, on the heel piece.
- Then, only if the inadvertent releases persist, increase the level in torsion, that is, on the toe piece. Proceed very progressively in stages of half-points.

FINAL CHECKING AND VISUAL INSPECTION

A Atomic certified technician must sign or initial the Workshop form indicating that all systems inspections have been performed.

A final check is your quality control measure to verify that all required procedures have been properly completed and involves the following steps:

1. Visual inspection of system components.
2. Test for elastic travel and return.
3. Release value within specified range and boot-binding compatibility.

VISUAL INSPECTION OF SYSTEM COMPONENTS TROUBLESHOOTING PROCEDURE

After the bindings have been properly mounted and adjusted, visually inspect the ski/boot/ binding system.

› The boot:

Check:

- for gross irregularities where the boot contacts the binding and the AFD (deformation, wear,...),
- that the boot conforms to the norm (DIN, ISO or ASTM markings). If the boots are not marked, check with the supplier.
- These bindings are not designed to function with boots that do not conform to the norm.
- that the boot has not started to crack or break.

The boot toe

Check for the absence of:

- rubber and/or metal tip protectors
- mold flashings
- a ramp or bevel in front of the AFD area
- grid pattern or tread in the AFD area
- excessive wear
- a toe sole extension with corner radius of less than 7 mm
- asymmetrical shape of the toe sole.

The boot heel

Check for:

- debris lodged in the sole
- scraped or improperly canted boot sole
- cut-outs in the heel sole that catch on the entry pedal
- cut-outs in the sole that impede proper brake function.

Note: If you are uncertain of boot compatibility, perform the 'Clean vs Lubricated' test. Boots that fail this test or violate any of the above points should not be used with any Atomic binding.

› The ski:

Check for:

- mounting screws protruding through the base
- delaminated sidewall. This can be detected by running your fingers along the sides of the ski.
- base plate flush with ski surface
- delaminated topskin
- pre-drilled holes. Bindings should not be installed on skis that have already been drilled for three or more sets of bindings.

› The binding:

The toe piece

Check for:

- stripped, loose or missing screws
- condition and location of the AFD (ripped, loose, imbedded dirt, boot sole pattern, tread imprint, etc)
- condition of anti-friction inserts (where applicable)
- missing or unreadable adjustment indicators and missing windows
- bent or broken base plate, principal axis or housing
- stripped or jammed toe height and cup adjustment screws
- jammed release adjustment
- other visible wear.

The heel piece

Check for:

- stripped, loose or missing screws
- improperly installed brake
- defective heel track

- bent or broken base plate, track or heel guide
- missing Delrin inserts in the heel guide
- jammed release adjustment
- unreadable indicators
- other visible wear.

The ski brake

Check for:

- improper installation
- broken entry pedals
- bent brakearms
- strength of ski brake
- A brake must not compress totally when the ski is set on a flat surface.
- other visible wear
- proper position of brakes
- They shouldn't touch the ski while they are functioning (especially on fat skis).

The complete system

Place the boot in the binding and check the accuracy of:

- toe height adjustment (if applicable)
- toe cup width adjustment (if applicable)
- forward pressure adjustment
- release adjustment settings
- symmetrical mounting of bindings to ski center line (+/- 1 mm)

This should be in the same location on both skis.

If you discover a correctable problem, repair the problem and re-test.

If the system still falls outside the "in-Use range", perform the 'Clean vs Lubricated' test.

TEST FOR ELASTIC TRAVEL AND RETURN

› Laterally:

Secure the ski. Hit the forefoot area of the boot with a rubber hammer. Use sufficient force to move the boot off-center, but not hard enough to release the system. The boot should move off-center at least 5 mm and return to center within 2 mm of its original position.

› Vertically:

Put the boot in the binding, depress the heel lever while pulling forward on the upper cuff of the boot until the boot heel lifts at least 5 mm. Release both hands simultaneously. The boot should go back in place quickly and smoothly.

This check can be performed either manually or by using a mechanical device. If a measuring device is used, follow the recommendations of the test device manufacturer for proper procedure.

MECHANICAL INSPECTION

RELEASE VALUE WITHIN SPECIFIED RANGE AND BOOT/BINDING COMPATIBILITY



Testing of release values with a test device is recommended (fig. 1).

If a test device is not used, the skier should be informed. In addition, the skier must be warned about the risk of possible breakage of boots and bindings that have been subjected to shocks or abnormal stress.

› Test the toe:

First, exercise the toe by releasing it once in each direction. Then, using test device, measure and record the twist release value in each direction. The measured release value should be considered to be the middle quantitative value of three measured releases.

If the first two measured values are the same, there is no need to take a third measurement. See examples of middle quantitative values (Chart. 1).

The toe passes this inspection if the middle quantitative values in both directions fall within the 'Inspection range'.

See sample "System inspection ranges" (Chart. 2).

Symmetry test note

You should be aware of the possibility of an asymmetric release. If your tested values for clockwise and counter-clockwise release appear to be at opposite extremes of the inspection range, you may have an installation error or incompatible boot. Troubleshoot the system and re-test after the problem has been corrected.

› Test the heel:

First, exercise the heel by releasing it once. Using a test device, measure and record the heel release value.

The middle quantitative value of three heel releases should fall within the +/- 15% "inspection range".

› Release value verification - failure:

When the technician is satisfied that all required procedures have been completed according to Atomic's recommendations in this manual, he or she must sign the Workshop Form. (The signing technician must currently be certified by Atomic.)

Note: During manufacturing, Atomic precision tests every binding up to 5 times to assure that it functions properly and is calibrated correctly. It is extremely rare that a new component would be out of calibration unless there is damage.

› Troubleshooting:

Boot/binding systems wear with time. Mechanical inspection allows you to identify when the ski/boot/binding system is not working as it was originally intended. Readjustment of the binding is not a sign of malfunction, but can be a sign of normal wear.

› Test for lateral travel - failure:

Re-check all binding-to-boot adjustments.

Re-inspect the boot and the binding according to the Visual Inspection criteria. If the boot is dirty, clean the sole with a solution of soap and water.

If the binding is dirty, clean it according to the procedures described in this chapter under 'Maintenance'.

Re-test the system for elastic travel and return.

› Test for vertical elastic travel - failure:

Clean the boot sole of any snow, dirt or debris. Check for excessive wear at the boot heel. Repair or replace any non-DIN boot.

Check that the boot enters the binding correctly. Align the boot with toe and heel cups and re-insert the boot. Check the release setting. It should not exceed the minimum or maximum visual indicator setting and should be set appropriately for the skier.

If the measured +/- Mz and My values are located outside of the +/- 15% inspection range, consult the manufacturer's instructions for procedures concerning malfunctions.

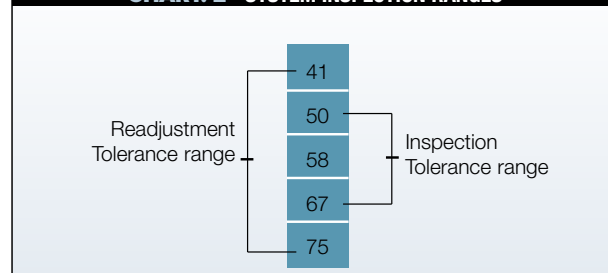
If after this procedure, the measured values are within the readjustment range of +/-30%, the binding can be readjusted. These readjustments should allow you to obtain measured values as close as possible to the selected individual release torque within the +/- 15% range.

If the release is still outside the +/- 30% readjustment range after having followed the procedures for malfunctions, do not readjust the binding unless it is specifically authorized by the manufacturer (chart. 1).

CHART. 1

Three release values	Middle quantitative value
45 - 40 - 50	45
60 - 50 - 50	50
30 - 40 - 50	40
55 - 65 - 60	60

CHART. 2 - SYSTEM INSPECTION RANGES

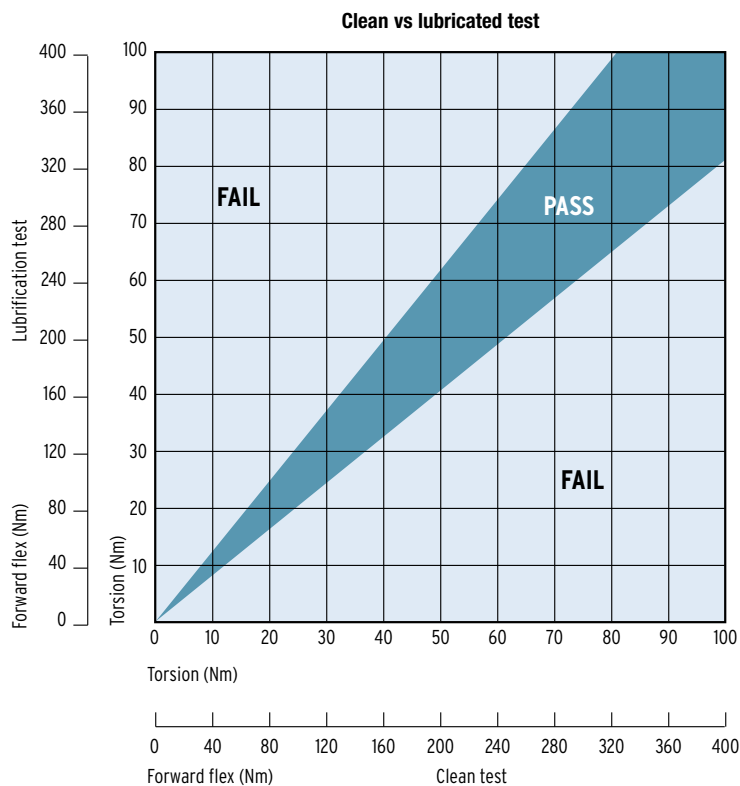


MECHANICAL INSPECTION

BOOT/BINDING COMPATIBILITY DIAGNOSIS

CLEAN VS LUBRICATED TEST

1. Determine the measured release value in the ski/boot/binding system without lubricant.
2. Determine the measured release value in the ski/boot/binding system after lubricating all contact points between the boot and binding with a lubricant specified by the manufacturer. If nothing particular is specified, use soap and water.
3. Calculate the ratio between the two tests by dividing the result with the lubricant by the result without it.
4. If the quotient is above 1.2 or under 0.8, the system is considered to be incompatible. If the boot test result is a satisfactory +/- 30%, but the binding does not release within the 'readjustment tolerance' range, check the calibration of the adjustment machine. Have another technician redo the test. If the system still falls outside the range, the binding should not be used.



RETAIL - SPECIFIC INSTRUCTIONS

RETAIL SKIER INSTRUCTION AND WARNING

In principle an adjustment report is established by the ski shop and delivered to the user.

It shall at least contain the following information:

- skier's parameters,
- indicator value,
- measured value of Mz and My, or pass/fail result of the system test.

The exact content of the report and its delivery conditions are defined by the national standard organizations 11088.

› **Explanation of entry/exit/re-entry:**

The proper use of the system (entry, exit and re-entry) should be explained using the skier's own system as an example.

› **Explanation of backcountry instructions**

The transition of walking mode to skiing mode in case of backcountry binding should be explained using the skier's own system as an example.

› **Receipt of in-box instructions and warranty:**

When a skier purchases a new binding, it is required that s(he) also receive the instructional pamphlet included in each binding box (1st page of the pamphlet as example below).

NOTICE À REMETTRE AU SKIEUR
 BEDIENTUNGSANLEITUNG FÜR SKIFAHRE
 DENNE VEJLEDNING SKAL UDLEVERES TIL SKILØBEREN
 INSTRUCCIONES PARA ENTREGAR AL ESQUIADOR
 ΟΔΗΓΙΕΣ ΓΙΑ ΤΟΥΣ ΣΚΙΕΡ
 INSTRUCTIONS FOR ISSUE TO SKIERS
 FOGLIO INFORMATIVO DA CONSEGNARE ALLO SCIATORE
 HANDLEIDING VOOR DE SKIËR
 FOLHETO INFORMATIVO DESTINADO AO ESQUIADOR
 INSTRUKTIONER FÖR GER SKIDÅKAREN
 SUUSATAJALE MÖELDUD TEATIS
 A SÍELŐNEK ÁTADANDÓ ÚTMUTATÓ
 PAZIŅOJUMS, KAS NODODAMS SLĒPOTĀJAM
 SLIDININKUI SKIRTAS INFORMACINIS LAPELIS
 INSTRUKCJA DLA NARCIARZA
 NÁVOD PRO LYŽAŘE
 NÁVOD PRE LYŽIARA
 VEILEDNING SOM GIS SKIKJØREREN
 ИНСТРУКЦИЯ ДЛЯ ЛЫЖНИКА
 ИНФОРМАЦИЯ ЗА СКИОРА
 KAYAKÇILARA VERİLECEK TALİMAT
 TIEDOTE HIIHTÄJILLE
 INSTRUCȚIUNI DE ÎNMÂNAT SCHIORULUI
 ПОВІДОМЛЕННЯ ДЛЯ ЛИЖНИКА
 スキーヤーへの注意書き
 滑雪者専用説明書
 스키어 사고 방지 지침
 UPUTSTVO KOJE TREBA DA SE URUCI SKIJAU



RENTAL - SPECIFIC INSTRUCTIONS

INSPECTION

AID FOR APPLICATION OF ISO 13993 concerning

- rental ski shop practice
- sampling and inspection of complete and incomplete alpine ski-binding-boot systems in rental applications (this supplement does not replace ISO 13993).

To keep your rental equipment in good condition while minimizing liability we recommend the following program (this comes out of the ISO 13993 standard).

RENTAL INSPECTION SUMMARY

Since it is impractical to perform a full inspection each time a system is rented, a routine of preseason and inseason inspections has been developed to verify release indicator accuracy, confirm correct equipment function, and assure proper assembly and adjustment procedures by the rental shop staff.

Fully implemented, the procedures that follow provide rental shop customers a standard of care equivalent to that provided retail shop customers under current ISO and ASTM standards.

PRESEASON INSPECTION

PRESEASON INSPECTIONS ARE PERFORMED ON COMPONENTS OF THE RELEASE SYSTEM: bindings and boots.

All rental bindings, new and used, are visually inspected, and then tested using specially selected Reference Boots.

Bindings that fail go through a troubleshooting procedure to identify and correct the deviation or malfunction.

If this procedure does not correct the problem, the binding is removed from inventory.

All rental boots, new and used, are visually inspected for damage, wear, contamination, broken or missing parts, or inferior materials at contact points with the binding.

BINDINGS	NEW manufacturer pre-mounted* or NEW sealed system bindings** *a combination of new skis and new bindings provided by the original equipment manufacturer that is ready to be fitted to boots **protected from damage by the original packaging of the manufacturer during transportation	All USED bindings or NEW but not pre-mounted bindings and plates
	The sample of bindings shall be tested with a reference boot according to "Note 1". Reduced sample size according to "Note 2".	Inspection according to "Note 1".
BOOTS	NEW Inspection according to "Note 3" and "Note 4".	USED Inspection according to "Note 3" and "Note 4".

Note 1. Bindings used in an interchangeable rental programme shall be inspected for appropriate function (see «Preseasonal Binding Inspection») and valid release indicators in accordance with clause «Preseasonal Boot - Preparation and Inspection»

Note 2. The sample size shall be $\geq 5\%$ of the rental inventory (see Table B) but at least 16 systems (equipment for seasonal rental is not included).

If the rental inventory is less than 16 systems, the sample size is complete when the entire rental inventory has been inspected. If the rental inventory is more than 1 600 systems, the sample size shall not be more than 80 systems.

Note 3. A visual inspection for compatibility and interchangeability shall be performed on all boots in accordance with procedures recommended in this technical manual.

Note 4. As a check on boots in the rental inventory, a single system sample, by make, model and size, shall be taken and tested in accordance with the paragraph «inseason sampling and inspection»

If a boot generates a deviation other than the accepted inspection tolerance, all boots in the category shall be visually inspected and as a check, a 16 system (or less if 16 systems are not available) random sample shall be taken and tested.

If any boot in this sample generates a deviation other than the inspection tolerance, all remaining boots in the category shall be tested.

Note 5. As a check on boots that have been accepted into the rental inventory in a prior season, a 5 % (not less than 16 nor more than 80 systems) sample shall be taken and tested.

If a boot generates a deviation other than the accepted inspection tolerance, then all boots in that make, model or age category shall be visually inspected and tested.

All remaining boots in the rental inventory shall also be visually inspected. If the reason for the deviation is found in another boot category, all boots in that category shall also be tested.

INSEASON INSPECTION

Inseason inspections are performed on complete rental systems to ensure that the equipment is adjusted appropriately and continues to function correctly.

Typically 5% of the rental inventory is tested during each two weeks sampling period.

The random sample is equally divided between equipment that is available for rental and equipment that has just been rented.

The equipment in the 'as rented' category is from real skiers in the condition in which it is either dispatched or returned, while the 'available for rental' equipment may be set up for fictitious skiers.

Only single skis, not pairs, are tested, and testing at the toe is only required in one direction.

A count is maintained of test results which exceed allowable limits.

The magnitude and frequency of these deviations determines the frequency of future inspections.

Shops which fail an inspection must sample daily until the source of the problem is found and corrected.

Then, as inspection results improve, the frequency of sampling and inspection is relaxed.

RENTAL - SPECIFIC INSTRUCTIONS

INSPECTION PROCEDURES

IMPORTANT TERMS

CORRECTION FACTOR

The value that must be added or subtracted from the initial visual indicator setting to bring the test result within the Inspection Tolerance (or Inspection Range).

DIRECTIONS OF RELEASE

Unless otherwise specified (see Inseason Inspection), the directions of release to be tested are forward lean and clockwise and counterclockwise in twist.

TEST DEVICE

A device which meets ISO standard 11110 (or ASTM standard F1061) and has been checked and maintained in the manner specified by the device manufacturer.

TEST RESULT OR RELEASE TORQUE

The middle quantitative value of three tests made in the same direction.

(Add other terms from ISO 13993 or ASTM F1064 that are not defined elsewhere in the tech manual).

PRESEASON TEST

REFERENCE BOOT SELECTION

The Reference Boot is a boot of a designated sole length which is otherwise typical of the boot inventory. Use the procedure below if the boot inventory includes several models and a representative boot can not be easily identified.

1. Select five single boots with sole lengths as specified in **Chart A** for the binding type to be tested: adult, junior, or child.
2. Clean all five boots with a mild detergent and water.
3. Adjust a rental binding to the release indicator setting specified in **Chart A** for the binding type.
4. Fit the binding to the boots and determine the Release Torque in all

three directions of release (forward lean and both directions in twist- three releases in each direction).

5. Average the Release Torque for CW and CCW twist release.
6. Reject and replace any boot with a CW to CCW difference of more than 6 Nm for adult boots or 4 Nm when testing child boot types.
7. Rank the five twist results and select as the Reference Boot for twist, the middle boot.
8. Rank the five forward lean results and select as the Reference Boot for forward lean, the middle boot.

PRESEASON BINDING INSPECTION

The procedure that follows is an integral part of preseason maintenance. It is also a good way to determine if maintenance is adequate and which units have outlived their usefulness and must be removed from inventory.

1. Clean areas of the bindings that contact the boot and perform all preseason binding maintenance.
2. Visually or manually check:
 - a. AFD condition.
 - b. Brakes function.
 - c. Release indicator readability and travel.
 - d. Screw tightness.
 - e. (other product specific inspections if required)
3. Fit each binding to the Reference Boot and adjust the release indicators to the value in **Chart A**.
4. Check that the heel track and toe track code (if any) agree with the sole length code (if any) of the Reference Boot.
5. With the Reference Boot in the binding, verify elastic travel of the toe piece by striking the boot toe with a mallet or dead hammer and checking that the toe piece returns the boot quickly and completely to center.
6. Verify elastic travel of the heel piece by lifting the boot while depressing the heel piece cocking lever and checking that the heel piece returns the boot quickly and completely to the latched position. (other product specific procedures if required).
7. Manually release the binding 3 times in each direction.
8. Lubricate all boot/binding interfaces with a mild liquid detergent and water solution.
9. With the Ski Binding Test Device determine the Release Torque for each direction of release (forward lean and both directions in twist).
10. Record "PASS" in the binding's maintenance record if Test Results are within the Inspection Ranges provided in **Chart A**.
11. Set the ski aside if the Test Result in any directions of release is outside the Inspection Range in **Chart A**.
12. Follow Troubleshooting Procedure for units which have been set aside and retest if changes in the unit's condition or adjustment are made.
13. Record "FAIL" in the binding's maintenance record if, after troubleshooting, test results in any direction of release are outside the In-Use Range. Replace the 'failed' unit and retest before returning the ski to service.
14. If after troubleshooting, Test Results are outside the Inspection Range but within the In-Use Range, apply a Correction Factor to the unit and note the Correction Factor for that unit in the binding's maintenance record.
15. If many bindings fail, check the test device and re-inspect the Reference Boot.

If necessary, select another boot and retest the bindings.

CHART A - PRESEASON BINDING INSPECTION

Skier Code	Binding type	Sole length	Release indicator setting	Release torque twist Nm	Release torque forward Nm	Twist inspection range Nm	Forward inspection range Nm	Twist in-use range Nm	Forward in-use range Nm
F	Children	260 +/- 5	2,5	23	87	20-27	75-102	17-31	64-120
I	Junior	280 +/-5	4	37	141	31-43	120-165	27-50	102-194
L	Adult	320 +/-5	6	58	229	50-67	194-271	43-78	165-320

>>>

RENTAL - SPECIFIC INSTRUCTIONS

>>> INSPECTION PROCEDURES

PRESEASON BOOT PREPARATION

The procedure that follows is an integral part of preseason maintenance.

1. Clean all boots with (a mild detergent and water), and repair or replace damaged or missing parts.
2. Visually check:
 - a. Conformance with ISO and other applicable standards. If the boot contacts the binding, brake, or AFD in areas other than the designated contact points, it may be incompatible with the binding (product specific figure or description).
 - b. Boot material. If the sole at the contact points with the binding or AFD can be scratched with a finger nail, the boot may be of inferior quality and incompatible with the binding.
 - c. Boot sole condition. If the boot sole is damaged, worn, or contaminated at contact points with the binding or AFD in a manner which can not be corrected, the boot may be incompatible with the binding.
 - d. Brake compatibility with sole.
 - e. Rubber and/or metal sole protectors. If such materials contact the binding or AFD the boot may be incompatible with the binding.
 - f. Mold flashings. Flashing which can be seen or felt at contact points with the binding, brake, or AFD must be carefully removed.
3. Remove from inventory all boots that have failed the visual check.

PRESEASON BOOT SAMPLING

Although sampling eliminates the need to test every boot before the season starts, the sample chosen must be representative of the inventory.

1. For boots that are new to inventory or have never been inspected, take a single boot from each cell (a cell is all boots of the same make, model, year, and shell size).
2. For used boots, take a 5% (but not less than 16 or more than 80) random sample of the entire inventory. Make sure that there is at least one boot from each cell in the sample.

PRESEASON BOOT INSPECTION

The procedure that follows helps to assure both boot/binding compatibility and boot interchange ability.

Note: when using [Chart A](#), in the Boot Inspection procedure that follow, the Sole Length and Release Indicator Setting Columns should be ignored.

1. Randomly select a pair of bindings that have passed the preseason inspection from each binding type; adult, junior, child.
2. Lubricate all boot/binding contact points with a mild liquid detergent.
3. Without regard to whether the boot is new or used, sort the sample by sole type and length according to the 20 mm Sole Length Categories defined by binding adjustment chart (ISO 11088).
4. In each Sole Length Category rank the boots by sole length and select the middle boot.
5. In each Sole Length Category fit the appropriate reference bindings to this "typical" boot and adjust the two bindings to release as close as practical to the Reference Torque in [Chart A](#).
Use the Reference Torque corresponding to Skier Code (L) for the Adult binding, (J) for the Junior binding, and (E) for the Child binding.
6. Rinse the lubricant from one binding and mark it "clean". Mark the other "lubricated".
7. Test each boot in the Sole Length Category with the clean Reference Binding and then the lubricated Reference Binding in both twist and forward lean (only one direction in twist is required for the clean binding).
8. Set aside any boots for which the lubricated Test Result is more than 20% less than the clean Test Result in the same direction of release or the lubricated Test Result in any direction of release is outside of the Inspection Range provided in [Chart A](#) for the Skier Code used to set up the Reference Binding (L, J, or E).
9. Repeat the Visual Check on all boots that have been set aside, correct any defects noted, and retest. Remove from inventory boots that fail the retest.

10. Check all other boots from the same cell (make, model, year, and shell size) as those that failed.

Note: On completion of the preseason inspection, clean the liquid detergent from the equipment (and lubricate the binding before returning it to service).

RENTAL - SPECIFIC INSTRUCTIONS

INSEASON SAMPLING AND INSPECTION

The Inseason Inspection is a test of complete systems and all the procedures used by the rental staff to assemble and adjust the system. The program uses random samples of rental inventory taken at routine intervals. Any sampling program that gives every unit of inventory the same chance as every other of being picked is valid.

SAMPLE FREQUENCY

Random sampling is conducted throughout the entire season. Frequency is as follows:

1. After 7 days of operation.
2. If the sample passes the next sampling is taken after another 7 days of operation.
3. If two consecutive samples pass, sampling frequency is increased to 14 days.
4. If a sample fails at any time, daily sampling is instituted until two consecutive samples pass, at which point weekly sampling resumes.

SAMPLE SIZE

Sample size is 5% of inventory but not less than 16 nor more than 80 units as noted in [Chart B](#). Sample size is based on average daily output.

If rental output drops below 50% of capacity over the sampling period, the sample size can be reduced proportionately.

INSEASON INSPECTION

1. Take a random sample of the rental inventory as determined by [Chart B](#). Take half the sample from inventory as it is either rented or returned and the remainder from inventory available for rental.

2. Wipe the boot clean and cycle the boot/ binding systems at least once in each direction.
3. Test sample units in Twist (one direction only) and Forward Lean.
4. Compare the Test Results with the Inspection Range for the appropriate Skier Code.
5. If the results are within the Inspection Range, the unit passes.
6. If the results are outside Inspection Range but within the In-Use Range, count the unit as a Class I Deviation.
7. If the results are outside the In-Use Range, count the unit as a Class II Deviation.
8. Check elastic travel and visually inspect the ski brake function, interface areas between boot and binding,

including AFD, lug height adjustment (if appropriate), and forward pressure. Count any deficiencies as Class I Deviations.

9. If more than the maximum number of Class I Deviations given in [Chart B](#) are found in the sample, or a single Class II Deviation is detected the sample fails and daily sampling must be conducted until the problem which led to the failed sample is found and corrected. For Troubleshooting Procedures following a Failed Inseason Inspection.
10. Record the date the sample was tested, the number of units tested the number of Class I and Class II (or III) Deviations, whether the sample passed or failed and any actions taken. There is no need to record the identity of units tested or actual Test Results.

CHART B - SAMPLE SIZE

Inventory Size	100	200	300	400	500	600	700	800	900
Sample Size Units	16	20	30	40	50	60	70	80	80
Maximum Class I Dev.	3	4	6	8	10	12	14	16	16

RENTAL SKIER INSTRUCTION AND WARNING

In principle an adjustment report is established by the ski shop and delivered to the user.

It shall at least contain the following information:

- skier's parameters,
- indicator value,
- measured value of Mz and My, or pass/fail result of the system test.

The exact content of the report and its delivery conditions are defined by the national standard organizations 11088.

Explanation of entry/exit/re-entry:

The proper use of the system (entry, exit and re-entry) should be explained using the skier's own system as an example.

Explanation of specific instructions

It is required that the dealer explains to the skier, specific instructions included in the instructional pamphlet (ex: transition of walking mode to skiing mode in case of backcountry binding...).

MAINTENANCE AND REPAIR

RETAIL GUIDELINES

Atomic bindings require a minimum of maintenance to enhance performance and their useful life. They should be cleaned, inspected and lubricated prior to each season and every 15-20 skier days per season as follows:

- Inspect all components of each set for damage or excessive wear.
- Repair or replace damaged or excessively worn parts and/or components.
- Clean the exposed areas of the components with a cloth or rag. Wipe any dirt or grit from the binding housings, heel track and the region under the heel cup. Do not use solvents or hot water or high pressure liquid cleaning systems to clean bindings. Solvents may cause permanent damage to the plastic structure by dangerously modifying the product technical characteristics. The markings can also be erased.
- Apply Atomic grease to the lubrication points indicated for each model. Do not use silicone or penetrating oils unless the lubricant is specifically approved.
- Recommend to the skier that routine maintenance and inspections be performed by an Authorized Dealer. This will help ensure that any problem that may develop with the system can be detected and corrected by a trained technician.

RENTAL GUIDELINES

Proper maintenance of rental systems includes a complete inspection of the entire rental inventory prior to the ski season. Bindings should be cleaned, inspected and lubricated in the following manner:

- Inspect all components for damage or excessive wear. Repair or replace damaged or excessively worn parts and/or components.
- Remove the toe by sliding it off the front plate.
- Visually or manually check, the pedal, the locker working and screw tightness.
- Remove the heel by sliding the housing off the rear of the track.
- Visually or manually check, brakes function, locker working, screw tightness.
- Clean the exposed areas of the components with a cloth or rag. Wipe any dirt or grit from the binding housings, heel track and the region under the heel cup. Do not use solvents, hot water or high pressure liquid cleaning systems to clean bindings. Solvent may cause permanent damage to the plastic structure by dangerously modifying the product technical characteristics. The markings can also be erased.
- Apply Atomic grease to the lubrication points indicated for the appropriate model. Do not use silicone or penetrating oils unless the lubricant is specifically approved.
- Slide the heel back on the track.
- The brake is removable to facilitate ski maintenance.
- This should be followed by periodic in-season inspections and when a binding looks particularly dirty or if visual inspection reveals that something may be wrong. This helps to ensure that all components are functioning correctly.

Never attempt to interchange any SR, SC or retail toe baseplates or heel tracks with other model baseplates or heel tracks.

RENTAL POST SEASON STORAGE

To prepare rental equipment for summer storage:

- All binding visual indicator adjustments should be reduced to the lowest setting. Do not attempt to adjust the release setting below the lowest setting as damage may result.
- The binding heels should be stored in the closed position.
- The equipment should be stored in a cool, dry and ventilated area away from direct sunlight.

MAINTENANCE AND REPAIR

BROKEN MOUNTING SCREW

Atomic screw extractor kit: it comes with two bits of different lengths.

The longer bit is for use with the Atomic jigs for adult skis.

The shorter bit should be used with the Atomic jigs for junior skis.

The procedures for using both bits are the same.

When a screw or tap breaks in a ski, it must be removed carefully to avoid further damage.

Follow this procedure:

1. Fit the extractor drill bit into the electric drill with the shoulder touching the chuck.
2. Fasten the appropriate jig onto the ski.
3. Position the correct jig bushing directly over the broken screw.
4. Drill slowly around the broken screw using an up-and-down movement to let the shavings escape.

Caution: do not hit the screw.

5. Continue until the chuck touches the bushing of the jig.
6. The broken screw will come out inside the extractor bit.

7. Remove the screw using a pair of pliers.
8. Turn the ski over and tap lightly to remove all shavings.
9. Put a drop of glue into the hole.
10. Insert a plug from the kit using a hammer.
11. Insert binding screw and tighten using a hand driver. Do not over tighten.
12. When a hole simply needs to be widened to accept the plastic plugs, use an 8 mm diameter bit. Do not drill deeper than 10 mm.

STRIPPED SCREWS

For a stripped screw, use the repair kit AZD000602 / L0008780001 / RD0000194. For this operation, use the corresponding jig and position it properly by lining it up with the hole to be repaired.

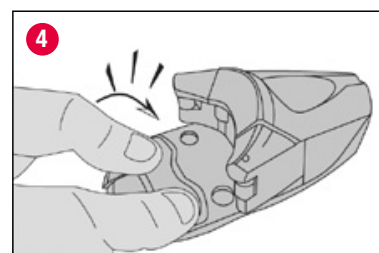
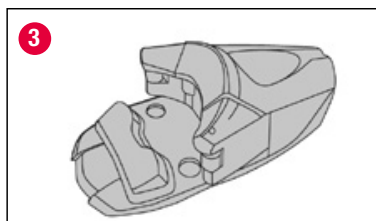
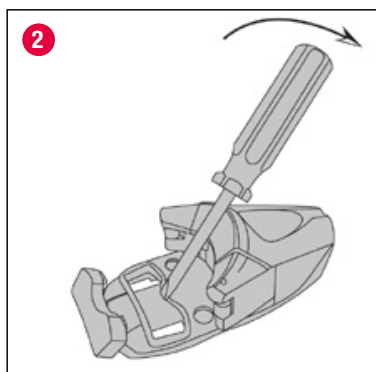
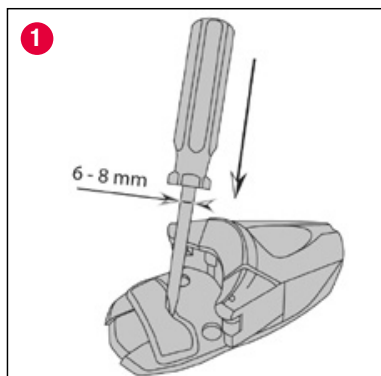
When drilling, the drill bit must be perpendicular to the surface of the ski.

Make sure you don't go beyond the plug once it is in place. You can file it down to make it level with the surface.

JUNIOR C 5, L 7-10, LITHIUM 10, COLT 5 GW, L6 GW, COLT 7 GW, L10 GW ANTI FRICTION PLATE REPLACEMENT

1. Insert a screwdriver width 6-8 mm at the front of the plate (fig. 1).
2. Move over the screwdriver to eject the plate (fig. 2).
3. Place the new plate and hand clip it (fig. 3 & 4).

Caution: for models with elastic pedal (range 08), check the presence of the elastic block under the pedal (fig. 5).



TRACEABILITY INFORMATION ON BINDINGS

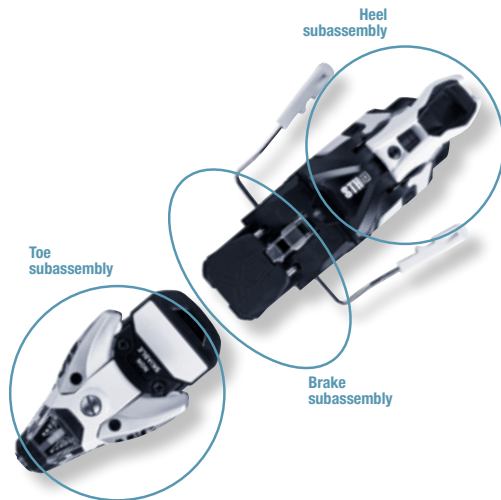
**IN CASE OF WARRANTY, THE TRACEABILITY CODE OF THE PRODUCT IS REQUIRED.
WHERE TO FIND THE INFORMATION?**

A- ON THE LABEL OF THE BINDING BOX

- **First numbers:** Production year (example 18 for year 2018)
- **Second numbers:** Printing label day (example: 267th day of the year 2018)

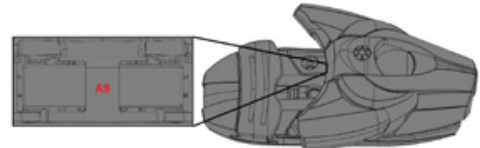
B- DIRECTLY ON THE PRODUCT

Each binding is divided in three subassemblies.
Each subassembly has traceability code.

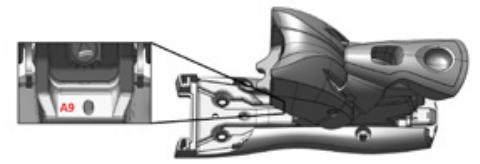


General location:

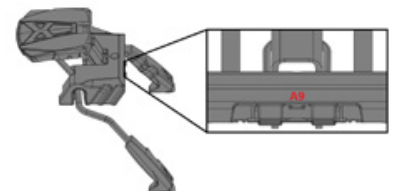
- On the Toe : in front between the two wings, 3 or 2 digits (A9 is an example)



- On the heel: On the base below the cuff, 3 or 2 digits (A9 is an example)



- On the brake, 3 or 2 digits (A9 is an example)



Exception:

TOE				
TRACKER MNC 16&13	BACKLAND TOUR & PURE	BACKLAND SUMMIT	X12 TO X16	X18 TO X20
SHIFT 10 & 13	WARDEN 13 MNC, STH² 13 WTR & STH²16 MNC	ICON 10 & 12, ICON 12 & 16 RS	ICON 24 & 30	STRIVE 12 & 14 GW, STRIVE 14 & 16 MN, STRIVE R11 & R13 GW
before year 2020 	from year 2020 	from year 2022 		

HEEL						
Colt 5, Colt 5 GW & L6 GW	BACKLAND TOUR & PURE	X12 TO X16	BACKLAND SUMMIT	X18 TO X20	ICON 10 & 12, ICON 12 & 16 RS	ICON 24 & 30

BRAKE				
Colt 5, Colt 5 GW, L6 GW	BACKLAND TOUR	BACKLAND SUMMIT	LITHIUM 10 • MERCURY 10&11 • Colt 10 GW & Z11 GW • L10 GW • M10 & M11 GW	

SKIS



SKI PREPARATION

The ski should be kept in its original condition for as long as possible.

If the edge has become dull, it should only be polished laterally (recommended value side bevel 3,5°).

3,5° side bevel – sharp edge angle

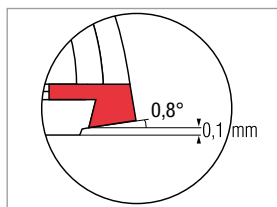
Advantage: better grip on hard snow or ice.

Edge tuning on the base side

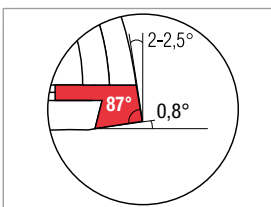
From time to time it will also be necessary to tune the base side of the ski.

There are two methods of doing this:

- base bevel max. 0,8°
- Off-set polishing



Edge off-set polished
(diagram)



Edge with 87,0° (diagram)
Edge base bevel 0,8° (diagram)

Off set polishing:

0,1 mm set back, 0,8° base bevel suspended, polished very smoothly (little surface roughness) to prevent snow crystals sticking to the edge structure (interlocking).

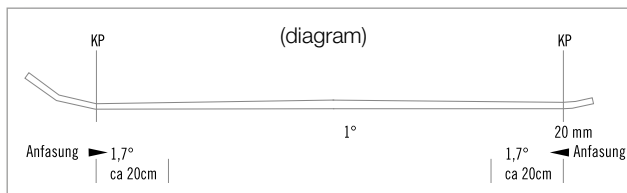
Advantage: extremely easy turning

Attention: > 3° – reduced and delayed edge grip

<0,8° – very direct and aggressive edge grip

Note: The finer the polish of the steel edge, the better the performance of the ski. Of course, the best results are achieved using the proper machines. The last work step to be carried out is the edge tuning. When preparing the surfaces of the edge make sure that all burres are removed.

Around the tips and tails of the ski we recommend you dull the ski up to the contact point.

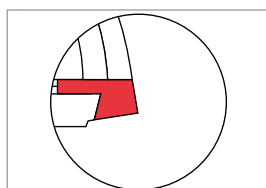


Attention: Burres can also be created during machine tuning!

The edge should be very sharp (finger nail test) to ensure the necessary grip on hard frozen slopes. It must be burr-free to prevent an uneven and aggressive grip.

Advantage:

Excellent edge grip, precision



Productbrand's / Model's	Steel Edge Sidewall Angle	Steel Edge Base Angle
REDSTER SERIES	87,0 +/- 0,5°	0,8 +/- 0,3
REDSTER X9 RS RVSK S	87,0 +/- 0,5°	0,5 +/- 0,3
REDSTER X5 / Q6 / Q5 / Q4	87,0 +/- 0,5°	1,0 +/- 0,3
REDSTER RX ERA	87,0 +/- 0,5°	1,3 +/- 0,3
CLOUD C14 / C12 / Q14 / Q12	87,0 +/- 0,5°	0,8 +/- 0,3
CLOUD C11 / C9 / C8	87,0 +/- 0,5°	1,0 +/- 0,3
CLOUD Q11 / Q9 / Q8	87,0 +/- 0,5°	1,0 +/- 0,3
CLOUD C7	87,0 +/- 0,5°	1,3 +/- 0,3
MAVERICK SERIES	87,0 +/- 0,5°	1,0 +/- 0,3
MAVERICK 84 / 84 R / 115	87,0 +/- 0,5°	1,3 +/- 0,3
MAVEN SERIES	87,0 +/- 0,5°	1,0 +/- 0,3
MAVEN 84 / 84 R	87,0 +/- 0,5°	1,3 +/- 0,3
BACKLAND 65 UL / 62 UL VERT	87,0 +/- 0,5°	0,8 +/- 0,3
BACKLAND SERIES	87,0 +/- 0,5°	1,0 +/- 0,3
BACKLAND 95 / 109	87,0 +/- 0,5°	1,3 +/- 0,3
BACKLAND WMN SERIES	87,0 +/- 0,5°	1,0 +/- 0,3
BENT 120 / 110 / 100	87,0 +/- 0,5°	1,0 +/- 0,3
BENT 90 / 85 / 85 R	87,0 +/- 0,5°	1,3 +/- 0,3
JUNIOR REDSTER J4	87,0 +/- 0,5°	1,0 +/- 0,3
JUNIOR SERIES	87,0 +/- 0,5°	1,3 +/- 0,3

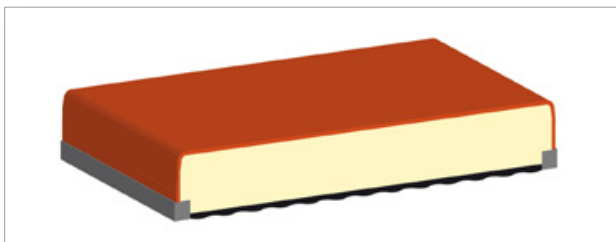
BASE FINISH

If the base is damaged, it must be ground after repair work has been carried out. The structure should be smooth.

Structure

The bottom of the ski has an easily recognizable structure. In order to achieve good gliding properties in all types of snow, we recommend a relatively wide rounded structure with grooves that are not too deep.

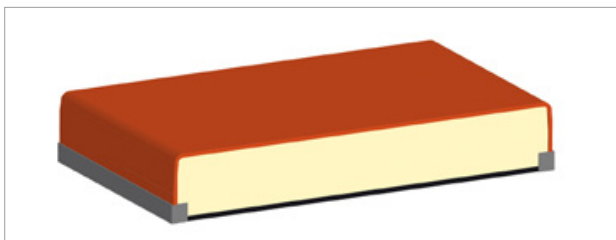
Advantage: Excellent gliding properties for a broad range of applications.



Surface flat or plane along the bottom of the entire ski is vital for enjoyable and effortless skiing (can be checked with a true bar).

A convex base lets the ski swim.

Attention: Exception! With the wider ski geometries of modern carving skis, a slightly concave base around the tip and tail have a positive impact on tracking stability on straight runs, without any negative effect on turning.



Note: Repairs on Ceramic and e-Base can be carried out with normal (graphite and transparent) repair material.

Remember that bases also have to be waxed as part of the preparation.

Important: All maintenance work on skis and bindings should only be carried out by specially trained personnel.

SKITIPS

JUNIOR

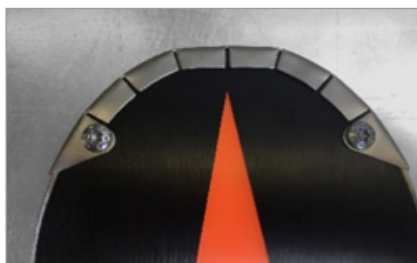


Dismantling: All ATOMIC Junior ski tips have the same sealing mechanism (forced fit). To remove, first warm the tip slightly with a hair dryer before placing it in a vice. The tip can now be removed by moving the ski to and fro.

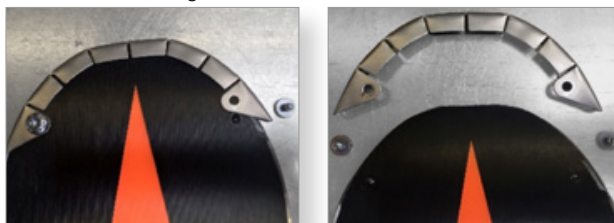
Mounting: Warm the ski tip with a hair dryer and then slide it on to the ski as far as possible. The tip can now be fixed with a rubber mallet.

ADULT

All pre-mounted stainless steel ski - tips are fixed with the correct torque.



To remove, you need to open the screws, change the tip protector and fix the screws again!



CHASSIS / PLATES

All pre-mounted chassis, plates, from ATOMIC are fixed with the correct torque for the individual ski model.

For this reason, chassis, plates, should not be removed and remounted as this may reduce the retention force. ATOMIC accepts no claims for liability, warranty or guarantee performances in the event of subsequent alterations to or removal of these parts.

MOUNTING POSITION SKIS

SAP NR.	MODEL NAME	LENGTH (cm)	MOUNTING LINE FROM SKI TAIL (cm)
AA0030412+	N REDSTER J2 70-90 Red	70	300
AA0030412+	N REDSTER J2 70-90 Red	80	330
AA0030412+	N REDSTER J2 70-90 Red	90	365
AA0030408+	N REDSTER J2 100-120 Red	100	400
AA0030408+	N REDSTER J2 100-120 Red	110	450
AA0030408+	N REDSTER J2 100-120 Red	120	500
AA0030404+	N REDSTER J2 130-150 Red	130	550
AA0030404+	N REDSTER J2 130-150 Red	140	600
AA0030404+	N REDSTER J2 130-150 Red	150	650
AA0030378+	N BENT JR 140-150 BLACK/Muco	140	648
AA0030378+	N BENT JR 140-150 BLACK/Muco	150	681
AA0030118+	N BACKLAND JR 140-150 PETROL/R	140	648
AA0030118+	N BACKLAND JR 140-150 PETROL/R	150	681
AA0030342+	N BENT 90 BLACK/Multicolor	157	710
AA0030342+	N BENT 90 BLACK/Multicolor	166	750
AA0030342+	N BENT 90 BLACK/Multicolor	175	800
AA0030342+	N BENT 90 BLACK/Multicolor	184	840
AA0030354+	N MAVERICK 115 CTI White/BLACK	177	785
AA0030354+	N MAVERICK 115 CTI White/BLACK	185	825
AA0030354+	N MAVERICK 115 CTI White/BLACK	193	865
AA0030340+	N BENT CHETLER 120 BLACK/Muco	176	847
AA0030340+	N BENT CHETLER 120 BLACK/Muco	184	887
AA0030340+	N BENT CHETLER 120 BLACK/Muco	192	927
AA0030338+	N BENT 100 BLACK/Multicolor	158	710
AA0030338+	N BENT 100 BLACK/Multicolor	165	745
AA0030338+	N BENT 100 BLACK/Multicolor	172	780
AA0030338+	N BENT 100 BLACK/Multicolor	179	815
AA0030338+	N BENT 100 BLACK/Multicolor	186	840
AA0030362+	N MAVERICK 88 TI Silver/BLACK	161	715
AA0030362+	N MAVERICK 88 TI Silver/BLACK	169	755
AA0030362+	N MAVERICK 88 TI Silver/BLACK	176	790
AA0030362+	N MAVERICK 88 TI Silver/BLACK	184	830
AA0030440+	N MAVEN 86 White/LAVENDER	147	645
AA0030440+	N MAVEN 86 White/LAVENDER	153	675
AA0030440+	N MAVEN 86 White/LAVENDER	161	715
AA0030440+	N MAVEN 86 White/LAVENDER	169	755
AA0030460+	N MAVEN 86 C Blue	147	645
AA0030460+	N MAVEN 86 C Blue	153	675
AA0030460+	N MAVEN 86 C Blue	161	715
AA0030460+	N MAVEN 86 C Blue	169	755
AA0030358+	N MAVERICK 86 C Darkgreen/BLAC	153	675
AA0030358+	N MAVERICK 86 C Darkgreen/BLAC	161	715
AA0030358+	N MAVERICK 86 C Darkgreen/BLAC	169	755
AA0030358+	N MAVERICK 86 C Darkgreen/BLAC	176	790
AA0030358+	N MAVERICK 86 C Darkgreen/BLAC	184	830
AA0030458+	N MAVEN 93 C SAND/White	156	690
AA0030458+	N MAVEN 93 C SAND/White	164	730
AA0030458+	N MAVEN 93 C SAND/White	172	770
AA0030364+	N MAVERICK 95 TI Blue/BLACK	164	730
AA0030364+	N MAVERICK 95 TI Blue/BLACK	172	770
AA0030364+	N MAVERICK 95 TI Blue/BLACK	180	810
AA0030364+	N MAVERICK 95 TI Blue/BLACK	188	850
AA0030346+	N BENT 85 BLACK/Multicolor	150	681
AA0030346+	N BENT 85 BLACK/Multicolor	160	713
AA0030346+	N BENT 85 BLACK/Multicolor	165	746
AA0030346+	N BENT 85 BLACK/Multicolor	170	780
AA0030346+	N BENT 85 BLACK/Multicolor	175	813
AA0030382+	N BENT CHETLER MINI 153-163 BL	153	723
AA0030382+	N BENT CHETLER MINI 153-163 BL	163	773
AA0030380+	N BENT CHETLER MINI 133-143 BL	133	623
AA0030380+	N BENT CHETLER MINI 133-143 BL	143	673
AA0030372+	N BENT JR 110-130 BLACK/Muco	110	511
AA0030372+	N BENT JR 110-130 BLACK/Muco	120	556
AA0030372+	N BENT JR 110-130 BLACK/Muco	130	603
AA0030114+	N BACKLAND JR 110-130 PETROL/R	110	511
AA0030114+	N BACKLAND JR 110-130 PETROL/R	120	556
AA0030114+	N BACKLAND JR 110-130 PETROL/R	130	603
AA0029846+	N BACKLAND 95 PETROL/Gy/Orange	161	680
AA0029846+	N BACKLAND 95 PETROL/Gy/Orange	169	720
AA0029846+	N BACKLAND 95 PETROL/Gy/Orange	177	760

SAP NR.	MODEL NAME	LENGTH (cm)	MOUNTING LINE FROM SKI TAIL (cm)
AA0029846+	N BACKLAND 95 PETROL/Gy/Orange	185	800
AA0030024+	N BACKLAND 86 SL W Purple./Ber	149	620
AA0030024+	N BACKLAND 86 SL W Purple./Ber	157	660
AA0030024+	N BACKLAND 86 SL W Purple./Ber	165	700
AA0030020+	N BACKLAND 85 W Anthra/PETROL	149	620
AA0030020+	N BACKLAND 85 W Anthra/PETROL	157	660
AA0030020+	N BACKLAND 85 W Anthra/PETROL	165	700
AA0030328+	N BACKLAND 86 UL BLACK/White	157	660
AA0030328+	N BACKLAND 86 UL BLACK/White	165	700
AA0030328+	N BACKLAND 86 UL BLACK/White	172	735
AA0030328+	N BACKLAND 86 UL BLACK/White	179	770
AA0029848+	N BACKLAND 85 BLACK/Red	149	620
AA0029848+	N BACKLAND 85 BLACK/Red	157	660
AA0029848+	N BACKLAND 85 BLACK/Red	165	700
AA0029848+	N BACKLAND 85 BLACK/Red	172	735
AA0029848+	N BACKLAND 85 BLACK/Red	179	770
AA0029932+	N BACKLAND 86 SL BLACK/Gy/Oran	157	660
AA0029932+	N BACKLAND 86 SL BLACK/Gy/Oran	165	700
AA0029932+	N BACKLAND 86 SL BLACK/Gy/Oran	172	735
AA0029932+	N BACKLAND 86 SL BLACK/Gy/Oran	179	770
AA0030336+	N BACKLAND 62 UL VERT Red	161	680
AA0030332+	N BACKLAND 65 UL Red	161	680
AA0030326+	N BACKLAND 109 White/BLACK	176	810
AA0030326+	N BACKLAND 109 White/BLACK	184	850
AA0030326+	N BACKLAND 109 White/BLACK	189	875
AA0030470+	N BACKLAND 108 W Kakhi/Red/SAN	158	720
AA0030470+	N BACKLAND 108 W Kakhi/Red/SAN	167	765
AA0030470+	N BACKLAND 108 W Kakhi/Red/SAN	176	810
AA0030526+	N BACKLAND 80	149	625
AA0030526+	N BACKLAND 80	156	660
AA0030526+	N BACKLAND 80	163	695
AA0030526+	N BACKLAND 80	170	730
AA0030526+	N BACKLAND 80	177	765
AA0030334+	N BACKLAND 80 UL BLACK/Blue	149	625
AA0030334+	N BACKLAND 80 UL BLACK/Blue	156	660
AA0030334+	N BACKLAND 80 UL BLACK/Blue	163	695
AA0030334+	N BACKLAND 80 UL BLACK/Blue	170	730
AA0030334+	N BACKLAND 80 UL BLACK/Blue	177	765
AA0029936+	N BACKLAND 88 BLACK/Blue/White	162	685
AA0029936+	N BACKLAND 88 BLACK/Blue/White	169	720
AA0029936+	N BACKLAND 88 BLACK/Blue/White	176	755
AA0029936+	N BACKLAND 88 BLACK/Blue/White	183	790
AA0030018+	N BACKLAND 88 W Maroon Red/Gy	155	650
AA0030018+	N BACKLAND 88 W Maroon Red/Gy	162	685
AA0030018+	N BACKLAND 88 W Maroon Red/Gy	169	720
AA0029934+	N BACKLAND 89 SL PETROL/Gy/Ora	162	685
AA0029934+	N BACKLAND 89 SL PETROL/Gy/Ora	169	720
AA0029934+	N BACKLAND 89 SL PETROL/Gy/Ora	176	755
AA0029934+	N BACKLAND 89 SL PETROL/Gy/Ora	183	790
AA0030022+	N BACKLAND 89 SL W Bluegrey/Tq	155	650
AA0030022+	N BACKLAND 89 SL W Bluegrey/Tq	162	685
AA0030022+	N BACKLAND 89 SL W Bluegrey/Tq	169	720
AA0030356+	N MAVERICK 105 CTI Gy/BLACK	170	750
AA0030356+	N MAVERICK 105 CTI Gy/BLACK	178	790
AA0030356+	N MAVERICK 105 CTI Gy/BLACK	185	825
AA0030356+	N MAVERICK 105 CTI Gy/BLACK	191	855
AA0030330+	N BACKLAND 102 Blue/BLACK	164	735
AA0030330+	N BACKLAND 102 Blue/BLACK	172	775
AA0030330+	N BACKLAND 102 Blue/BLACK	179	810
AA0030330+	N BACKLAND 102 Blue/BLACK	186	845
AA0030486+	N BACKLAND 101 W Blue/SAND	156	695
AA0030486+	N BACKLAND 101 W Blue/SAND	164	735
AA0030486+	N BACKLAND 101 W Blue/SAND	172	775
AA0030344+	N BENT 110 BLACK/Multicolor	164	780
AA0030344+	N BENT 110 BLACK/Multicolor	172	820
AA0030344+	N BENT 110 BLACK/Multicolor	180	860
AA0030344+	N BENT 110 BLACK/Multicolor	188	900
AA0030444+	N MAVEN 103 CTI Wh/Anthra/Go	156	680
AA0030444+	N MAVEN 103 CTI Wh/Anthra/Go	162	710
AA0030444+	N MAVEN 103 CTI Wh/Anthra/Go	170	750
AA0030444+	N MAVEN 103 CTI Wh/Anthra/Go	178	790

BOOTS



GRIP PAD REFERENCES

2024-2025 BOOT MODELS

Grip Pad Name	Cantable GripWalk Pads	Cantable Dual Component (DC) Pads	Cantable Single Component (SC) Pads	Complete Tech (CT) GripWalk Pads	Jr Grip Pads
Norm	ISO 23223	ISO 5355	ISO 5355	ISO 23223	ISO 5355
Canting Shim Compatible	Yes	Yes	Yes	No	No
Part Number	≤ Size 24: AZE002096	≤ Size 24: AZE002094	≤ Size 24: AZE001476	≤ Size 24 : AZE001614	≤ Size 21: AZE000270
Part Number	≥ Size 25: AZE002100	≥ Size 25: AZE002098	≥ Size 25: AZE001474	≥ Size 25: AZE001616	≥ Size 22: AZE000272

HAWX ULTRA



X

X

X

HAWX PRIME
(BUCKLE
OR BOA)


X

X

X

HAWX MAGNA



X

X

X

HAWX PRIME
XTD


X

HAWX MAGNA
XTD


X

HAWX KIDS 1-4 /
REDSTER JR


X

LEGACY BOOT MODELS

	Model Year		Grip Pad Name	Cantable GripWalk Pads	Cantable Dual Component (DC) Pads	Cantable Single Component (SC) Pads	Standard Dual Component (DC) Pads	Standard Single Component (SC) Pads	MNC DIN Pads	MNC WTR + Tech Pads	Complete Tech (CT) GripWalk Pads
			Norm	ISO 23223	ISO 5355	ISO 5355	ISO 5355	ISO 5355	ISO 5355	ISO 9523	ISO 23223
			Canting Shim Compatible	Yes	Yes	Yes	No	No	No	No	No
			Part Number ≤ Size 24	AZE002096	AZE002094	AZE001476	AE5008040	AZE000254	AZE000768	AZE001100	AZE001614
			Part Number ≥ Size 25	AZE002100	AZE002098	AZE001474	AE5008060	AZE000252	AZE000774	AZE001098	AZE001616
HAWX 1.0	2007 - 2014						X	X			
HAWX 2.0 / PRIME	2014 - 2018						X	X			
LIVE FIT	2009 - 2018						X	X			
HAWX MAGNA 1.0	2015 - 2021						X	X			
WAYMAKER	2013 - 2017						X	X			
WAYMAKER CARBON / TOUR	2013 - 2017								X	X	
HAWX ULTRA 1.0	2016 - 2020		X	X	X						
HAWX PRIME 3.0	2018 - 2023		X	X	X						
SAVOR	2019 - 2021		X	X	X						
HAWX PRIME XTD (no Tech Inserts)	2020 - 2021		X	X	X						
HAWX PRIME XTD (with Tech Inserts)	2020 - 2024										X

BOOT & BINDING COMPATIBILITY CHART

BOOTS			BINDINGS				
NORM	SOLE		ALPINE				TLT - PIN BINDING - NO NORM
ALPINE NORM ISO 5355	TYPE C (CHILD)	Hawx Jr/Girl 1, 2 Hawx Jr/Girl 3 (20.0-21.5) Redster Jr (18.0-21.5)			COLT 5 GW, COLT 7 GW, COLT 7 C, L6 GW, C 5 GW 		
	TYPE A (ADULT)	Redster STI 130, 110, 90, 70 Redster TI 130, 110 Redster CS 130, 110, 70 Hawx Magna 80, 75W, R90, R75, R Hawx Jr/Girl 3 (22/22.5) Hawx Jr/Girl 4 Redster Jr (22.0-27.5)	X 20 & 19 & 16 & 12, COLT 12 & 10, Z, L, C, LITHIUM 10 MERCURY 10 & 11, WARDEN 11, WARDEN 11 DEMO, STH ICON 24&30 ICON RS 12&16, ICON 10&12 ISO 9462 		COLT 5 GW, COLT 7 GW, M10 GW, M11 GW, MERCURY R 10 GW, LEISURE R 6 GW, C5 GW, L6 GW, L10 GW, F 10 & 11 & 12 GW, M12 GW, N STAGE 10 & 11 GW, STRIVE 12 & 14 GW, STRIVE R 11 GW, STRIVE R 13 GW, Mi 12 GW ISO 9462 & ISO 13992 		
Alpine Racing Sole NON-NORM	Alpine Racing Sole NON-NORM	Redster TI 150 Lifted Redster STI 150 Lifted - WARNING - BOOTS MUST BE GROUND TO ISO 5355 DIMENSIONS BEFORE USE		STH ² 13 & 16 WTR, TRACKER 13 & 16 WTR ISO 9462 & ISO 13992 		WARDEN 13 MNC, WARDEN R 13 MNC, WARDEN 11 MNC, WARDEN R 11 MNC, TRACKER 13 & 16 MNC, SHIFT 10 & 13 MNC, STH ² 16 MNC, STRIVE 14 & 16 MN, SHIFT ² MN 10, 13 & 10 DEMO ISO 9462 & ISO 13992 	
ISO 23223 	GripWalk TYPE A (ADULT)	All Hawx Ultra All Hawx Prime Hawx Magna 130 S, 120 S, 110 S, 110, 100, 105 S W, 95 W, 85 W					
	GripWalk TYPE A (ADULT) + Tech Inserts	All Hawx Ultra XTD All Hawx Prime XTD All Hawx Magna XTD Backland XTD 120 GW, 105 W GW					
TOURING NORM ISO 9523	TOURING NORM ISO 9523 + Tech Inserts	Backland XTD 120, 110, 115 W, 95 W					
TOURING NON-NORM	TOURING NON-NORM + Tech Inserts	Backland Carbon, Pro, Expert, Pro W, Expert W, Backland Carbon UL, Backland Pro W UL, Backland Ultimate					BACKLAND TOUR BACKLAND PURE BACKLAND SUMMIT 

COMPATIBLE

SIZING TABLE INFORMATION 2024/2025

REDSTER STI (SLIM TEAM ISSUE)

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9				
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5				
SOLE LENGTH (mm)		266	274	284	294	304	314				
LAST WIDTH (mm)		85	87	89	91	93	95				

REDSTER TI (TEAM ISSUE)

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9		
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5		
SOLE LENGTH (mm)		264	274	284	294	304	314	324	334		
LAST WIDTH (mm)		87	89	91	93	95	97	99	101		

REDSTER CS (CLUB SPORT)

FOOT LENGTH (cm)	21,0 - 21,9	22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9		
MONDO POINT (mp)	21-21,5	22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5		
SOLE LENGTH (mm)	261	265	275	285	295	305	315	325	335		
LAST WIDTH (mm)	86	88	90	92	94	96	98	100	102		

HAWX ULTRA

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9	
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5	
SOLE LENGTH (mm)		265	270	280	290	300	310	320	330	340	
LAST WIDTH (mm)		90	92	94	96	98	100	102	104	106	

HAWX ULTRA XTD

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9		
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5		
SOLE LENGTH (mm)		262	272	282	292	302	312	322	332		
LAST WIDTH (mm)		90	92	94	96	98	100	102	104		

HAWX PRIME

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9	31,0 - 31,9
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5	31 - 32,5
SOLE LENGTH (mm)		265	275	285	295	305	315	325	335	345	365
LAST WIDTH (mm)		92	94	96	98	100	102	104	106	108	112

HAWX PRIME XTD

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9	31,0 - 31,9
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5	31 - 32,5
SOLE LENGTH (mm)		265	275	285	295	305	315	325	335	345	365
LAST WIDTH (mm)		92	94	96	98	100	102	104	106	108	112

C = Children Norm

A = Adult Norm"

Sole Length / Last Width in mm

>>>

SIZING TABLE INFORMATION 2024/2025

HAWX MAGNA

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9	31,0 - 31,9	
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5	31 - 32,5	
SOLE LENGTH (mm)		265	275	285	295	305	315	325	335	345	365	
LAST WIDTH (mm)		94	96	98	100	102	104	106	108	110	114	

HAWX MAGNA XTD

FOOT LENGTH (cm)			23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9		
MONDO POINT (mp)			23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5		
SOLE LENGTH (mm)			275	285	295	305	315	325	335	345		
LAST WIDTH (mm)			96	98	100	102	104	106	108	110		

BACKLAND ULTIMATE

FOOT LENGTH (cm)			23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9		
MONDO POINT (mp)			23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5		
SOLE LENGTH (mm)			248	258	268	278	288	298	308	318		
LAST WIDTH (mm)			90	92	94	96	98	100	102	104		

BACKLAND, BACKLAND UL

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9		
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5		
SOLE LENGTH (mm)		248	258	268	278	288	298	308	318	328		
LAST WIDTH (mm)		90	92	94	96	98	100	102	104	106		

BACKLAND XTD

FOOT LENGTH (cm)		22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9	28,0 - 28,9	29,0 - 29,9	30,0 - 30,9		
MONDO POINT (mp)		22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27 - 27,5	28 - 28,5	29 - 29,5	30 - 30,5		
SOLE LENGTH (mm)		261	267	277	287	297	307	317	327	337		
LAST WIDTH (mm)		92	94	96	98	100	102	104	106	108		

REDSTER JR & HAWX KIDS

FOOT LENGTH (cm)	15,0 - 16,9	17,0 - 17,9	18,0 - 18,9	19,0 - 19,9	20,0 - 20,9	21,0 - 21,9	22,0 - 22,9	23,0 - 23,9	24,0 - 24,9	25,0 - 25,9	26,0 - 26,9	27,0 - 27,9
MONDO POINT (mp)	15 - 16	17	18.0-18.5	19.0-19.5	20.0-20.5	21.0-21.5	22 - 22,5	23 - 23,5	24 - 24,5	25 - 25,5	26 - 26,5	27-27,5
SOLE LENGTH (mm)	C208	C224	C227	C 237	C 247	C 257	A 267	A 277	A 287	A 297	A 307	A 317
LAST WIDTH (mm)	80	82	82	84	86	88	90	92	94	96	98	100

C = Children Norm

A = Adult Norm"

Sole Length / Last Width in mm

INSTRUCTIONS & FAQ FOR BOOT CUSTOMIZATION

SCAN THESE QR CODES TO WATCH OUR “HOW TO” VIDEOS FOR:

- Basic Fit & Flex Assessment
- Memory Fit for Alpine Boots
- Memory Fit for Backland Boots
- Memory Fit + Mimic Liner Fitting Procedure
- Mimic Liner Fitting Procedure
- Mimic Professional Fitting Procedure
- Volume Reducing Leg Pad
- Volume Reducing Pad Kit
- Power Shift – Adjusting Flex
- Power Shift – Adjusting Forward Lean
- Cuff Alignment
- Sole Canting Assessment
- Sole Planing & Toe/Heel Routing
- Cantmate



ENGLISH



DEUTSCH

1. EXPANSION

FOR WHEN THE FOOT SHAPE IS WIDER THAN THE SHELL SHAPE

MEMORY FIT

WHY ATOMIC MEMORY FIT?

Atomic Memory Fit is the ideal customization solution for when the foot is wider than the shell:

- Best method for when traditional stretching is too time-consuming, or the area is simply too big
- completely adapts the shells and cuffs to the shape of skier's feet, ankles, and legs

MEMORY FIT

FOR ALPINE BOOTS

Have forward lean and cuff alignment done before any fitting.

OVEN & FITTING PROCEDURE

1. Pre-heat oven for 5 minutes.
2. Remove each liner from each shell.
3. Place shells in Memory Fit Oven, close oven door, and set timer to 5 minutes. *Optional step – place Memory Fit Pads on customer's bare feet to help create more room around sensitive/problem spots on each foot. Put socks on over padded feet.
4. Using Memory Fit Gloves, carefully remove heated shells from oven after 5 minutes. *Do not allow customer to touch the boots, as the hot plastic and buckles can burn.
5. Carefully insert each liner into each shell.
6. Place boots on Memory Fit Cooling Mat and help the customer step into the boots.
7. Once in the boots, close the buckles on a setting that provides minimal tension and gently close power strap.

*Do not buckle with tension as this can warp the plastic where the buckles are mounted.

8. Have customer stand still for 2 minutes, not flexing nor walking in the boots. Normal standing allows the shell, cuff, and liner to shape to the feet and legs.
9. After 2 minutes, place a Memory Fit Cooling Pack on each boot and have the customer wait motionless for another 5 minutes.
10. After 5 minutes, remove Memory Fit Cooling Packs, undo buckles and power strap, and have customer exit the boots. If Memory Fit Pads were placed on the feet, remove pads at this time.
11. Ensure the boots are closed properly and tell the customer not to ski in them for 3 hours to ensure complete hardening of the Memory Fit Plastic. After 3 hours, the boots are ready to be skied.

MEMORY FIT

FOR BACKLAND BOOTS

Have forward lean and cuff alignment done before any fitting.

OVEN & FITTING PROCEDURE

1. Pre-heat oven for 5 minutes.
2. Unbuckle boots and open the Boa Fit System and place shell & liner into the oven for 12 minutes. (Backland Ultimate for 5 minutes)
3. Place Memory Fit Pads and toe caps on customer's bare feet to help create more room around sensitive/problem spots on each foot. Put socks on over padded feet.

4. Using Memory Fit Gloves, carefully remove heated boots from oven after 12 minutes (Backland Ultimate after 5 minutes).

*Do not allow customer to touch the boots, as the hot plastic and buckles can burn. Also, put aftermarket footbeds into the liner at this time.

5. Place boots on Memory Fit Cooling Mat and help the customer step into the boots. Take care that the liner is sitting properly in the shell (i.e. not collapsed or wrinkled).
6. Once in the boots, close the boots on a setting that provides minimal tension. *Do not buckle with tension as this can warp the plastic where the buckles are mounted.
7. Have customer stand still for 2 minutes, not flexing nor walking in the boots. Normal standing allows the shell, cuff, and liner to shape to the feet and legs.
8. After 2 minutes, place a Memory Fit Cooling Pack on each boot and have the customer wait motionless for another 10 minutes (Backland Ultimate 5 minutes).
9. After 10 minutes (Backland Ultimate after 5 minutes), remove Memory Fit Cooling Packs, open the boot up, and have customer exit the boots. If Memory Fit Pads were placed on the feet, remove pads at this time.
10. Ensure the boots are closed properly and tell the customer not to ski in them for 3 hours to ensure complete hardening of the Memory Fit Plastic. After 3 hours, the boots are ready to be skied.

>>> INSTRUCTIONS & FAQ FOR BOOT CUSTOMIZATION

ATOMIC MEMORY FIT FAQ

1. WHAT IS MEMORY FIT?

Memory Fit is Atomic's unique heat moldable shell, cuff, and liner technology that uses the body's natural standing pressure to alter the shape of the boot.

2. IS THERE A SPECIAL PLASTIC USED IN MEMORY FIT BOOTS?

Memory Fit plastics are based on special Polyurethanes or Polyamides developed with optimal moldability and stretch characteristics.

3. WHAT TEMPERATURE AND DURATION DOES MEMORY FIT PLASTIC PROPERLY HEAT AT?

Alpine boots:

117°C for 5 minutes
110°C for 6.5 minutes
100°C for 9 minutes
90°C for 11 minutes
85°C for 12 minutes

For best results, always pre-heat the oven for 5 minutes.

Backland boots:

117°C for 12 minutes
110°C for 14 minutes
100°C for 16 minutes
90°C for 19 minutes
85°C for 20 minutes

For best results, always pre-heat the oven for 5 minutes.

4. IF MY SHOP CURRENTLY HAS ANOTHER BRAND'S OVEN, CAN I USE THAT OVEN INSTEAD?

Yes, see the temperature/times from question 3 to ensure proper heating of the plastic.

5. WHAT IS THE MAXIMUM WIDTH THE SHELL CAN EXPAND TO?

For starters, Memory Fit Plastic will expand only as necessary – it will take the shape of the foot, going no wider than needed. With the foot's natural standing pressure, the forefoot of the boot can expand up to 3mm per side (6mm total) and the ankle area can expand up to 5mm per side (10mm total). Greater distances can be achieved with traditional boot-fitting presses since they apply more pressure.

6. CAN TRADITIONAL METHODS OF BOOT-FITTING (STRETCHING & GRINDING) STILL BE IMPLEMENTED?

Of course. Because our plastic stretches and holds its stretch better

than normal plastic, any and all methods of boot-fitting can still be utilized just like before.

7. WHAT IS THE ADVANTAGE OF THE MEMORY FIT PROCEDURE VERSUS TRADITIONAL METHODS OF BOOT-FITTING?

Atomic Memory Fit is the ideal customization solution for when the foot is wider than the shell and is the best method for when traditional stretching is too time-consuming, or the area is simply too big.

8. HOW MANY TIMES CAN I MOLD MEMORY FIT PLASTIC?

As many times as you need, however once a boot is expanded it cannot fully return to its original shape.

9. DOES MEMORY FIT PLASTIC RETRACT AFTER HEAT MOLDING?

It retracts less than normal plastics do. When storing or drying your boot, avoid using a heat source as the plastic will want to return to its original shape.

10. SHOULD CUFF ALIGNMENT AND FORWARD LEAN ANGLE BE ADJUSTED BEFORE OR AFTER HEAT MOLDING?

Before. This will ensure that the fit of the boot is optimized around the natural geometry and biomechanics of the body.

11. SHOULD FOOTBEDS BE INSERTED INTO THE LINER BEFORE OR AFTER HEAT MOLDING?

You do not want to put a footbed in the oven. Add footbeds after the heating process and before the memorizing process.

12. SHOULD I HEAT THE LINER ALSO?

For 3D liners, no. The liner is designed to absorb the heat from the shell and mold to the foot when the shell does. For touring liners, yes. These liners are designed to expand and create a tighter fit where needed.

For Mimic liners, yes. However, see specific Memory Fit + Mimic instructions.

13. IF USING A FOAM-INJECTION LINER, SHOULD I INJECT THE LINER BEFORE, DURING, OR AFTER HEAT MOLDING THE SHELL AND CUFF?

After. First, adjust the Cuff Alignment and Forward Lean Angle, then perform the heat molding of the shell and cuff (with the proper footbed being used in

the standard liner), and once the boot has fully cooled then proceed with your normal foam-injection liner process. This will ensure that the foam-injection liner follows the contours of the naturally molded shell and cuff.

14. ARE THERE ANY NEGATIVE SIDE-EFFECTS OF USING MEMORY FIT PLASTIC?

No. Since Memory Fit Plastic uses Polyurethane or Polyamide as a base material, its skiing and flex characteristics are perfectly suited for maximum power transfer and optimum snow feel.

15. IS MEMORY FIT PLASTIC USED ON THE WORLD CUP?

Yes. All of our boots produced for World Cup are produced with Memory Fit Plastic.

16. IS MEMORY FIT PLASTIC AS DURABLE AS "NORMAL" BOOT PLASTIC?

Yes. Memory Fit Plastic is just as durable as traditional Polyurethane or Polyamide, which means that it has a high resistance to wear and tear.

17. IF I HEAT MOLD A BOOT THAT USES MEMORY FIT PLASTIC, WILL IT BECOME SOFTER?

No. Whether you heat mold or not, the boot's flex characteristics will remain the same.

18. IS ATOMIC MEMORY FIT PLASTIC THE SAME PLASTIC WHICH IS USED BY ATOMIC CUSTOM SHELL OR FISCHER VACUUM?

No. Memory Fit Plastic is a unique and special plastic, only used by Atomic.

>>> INSTRUCTIONS & FAQ FOR BOOT CUSTOMIZATION

MEMORY FIT + MIMIC

WHY MEMORY FIT + MIMIC?

Atomic Memory Fit + Mimic is the ideal customization solution for when the foot is wider than the shell:

- Best method for when traditional stretching is too time-consuming, or the area is simply too big
- completely adapts the shells, cuffs and liners to the shape of skier's feet, ankles, and legs

MIMIC FITTING PROCESS

Have forward lean and cuff alignment done before any fitting.

There are two options for the following fitting processes, dependent on how many ovens the shop has:

PLAN A - SHOP HAS 2 OVENS

1. Preheat oven for 3 minutes.
2. Remove liners from the shell, remove insoles from liners.
3. Place the appropriately sized Mimic Sock over each liner and place in the oven for 5 minutes.
4. Place shells in a separate oven for 5 minutes. Put toe caps on bare feet, add any pads to foot if needed, and then put on thin ski socks.
5. While wearing Memory Fit gloves, remove liners & shells from oven, add custom footbeds/insoles to the liner, and carefully put first liner into the shell. Use Mimic Shoe Horn to help.

6. Run your hand down into the liner to make sure the liner sits properly in the shell (no folds or twists).
7. Place shoe horn into liner and help the customer step into the boot by opening the shell as much as possible. Lift up on the side pull straps of the liner to ensure the liner is sitting correctly in the shell and tongue is positioned correctly.
8. Buckle the boot on a LOOSE tension - DO NOT BUCKLE TIGHTLY!
9. Repeat for other foot.
10. Stand on the Memory Fit Cooling Area and stand flat in a neutral (non-flexed) position for 2 minutes.
11. After 2 minutes, place cooling packs around the boots and wait for another 5 minutes.
12. After 5 minutes, customer can sit down, remove boots, socks, any pads, & toe caps.
13. Remove liners from boots, remove Mimic socks, and inspect liner for any wrinkles or problems.
14. Install liners back in the shell when done.

PLAN B - SHOP HAS 1 OVEN

1. Preheat oven for 3 minutes.
2. Remove liners from the shell, remove insoles from liners.
3. Place the appropriately sized Mimic Sock over each liner and place on the hot air blower for 10 minutes.
4. After 10 minutes, place shells in the Memory Fit oven for 5 minutes. Go back to the hot air blower and set timer for 5 minutes.

5. Put toe caps on bare feet, add any pads to foot if needed, and then put on thin ski socks.
6. After 5 minutes, while wearing Memory Fit gloves, remove shells from oven, add custom footbeds/insoles to the liners and carefully put first liner into the shell. Use Mimic Shoe horn to help.
7. Run your hand down into the liner to make sure the liner sits properly in the shell (no folds or twists).
8. Place shoe horn into liner and help the customer step into the boot. Lift up on the side pull straps of the liner to ensure the liner is sitting correctly in the shell and tongue is positioned correctly.
9. Buckle the boot on a LOOSE tension - DO NOT BUCKLE TIGHTLY!
10. Repeat for other foot.
11. Stand on the Memory Fit Cooling Area and stand flat in a neutral (non-flexed) position for 5 minutes.
12. After 5 minutes, place cooling packs around the boots and wait for another 10 minutes.
13. After 10 minutes, customer can sit down, remove boots, socks, any pads, & toe caps.
14. Remove liners from boots, remove Mimic socks, and inspect liner for any wrinkles or problems.
15. Install liners back in the shell when done.

2. OPTIMIZATION

FOR WHEN THE FOOT SHAPE MATCHES THE SHELL SHAPE

MIMIC LINER

WHY MIMIC?

Atomic Mimic is a great way to customize a liner for when the foot shape matches the shell shape:

- Completely reshapes the ankle area, tongue, and calf to the skier's feet, ankles, and legs

OVEN & FITTING PROCEDURE

1. Preheat oven for 3 minutes.
2. Remove liners from the shell, remove insoles from liners.
3. Place the appropriately sized Mimic Sock over each liner and place in the oven for 5 minutes (DO NOT GO LONGER).

4. Put toe caps on bare feet and then put on thin ski socks.
5. While wearing gloves, remove liners from oven, keep socks on liner, add custom footbeds/insoles to the liner, and put liner into shell. Run your hand down into the liner to make sure the liner sits properly in the shell (no folds or twists).
6. Place shoe horn into liner and help the customer step into the boot. Lift up on the side pull straps of the liner to ensure the liner is sitting correctly in the shell and tongue is positioned correctly.
7. Buckle the boot on a medium tension - DO NOT BUCKLE TIGHTLY!
8. Elevate toes of boots by placing a 4-5cm high lift under the toes of the boot and have the customer stand in a constantly flexed forward position for 2 minutes.
9. After 2 minutes, place cooling packs around the boots and wait for another 5 minutes.
10. After 5 minutes, customer can sit down, remove boots, socks & toe caps.
11. Remove liners from boots, remove Mimic socks, and inspect liner for any wrinkles or problems.
12. Install liners back in the shell when done.

>>> INSTRUCTIONS & FAQ FOR BOOT CUSTOMIZATION

ATOMIC MIMIC FAQ

1. WHAT IS MIMIC?

Mimic is the ability of the heel/ankle, tongue, and calf areas of the liner to fully shape to the ankle & leg when heated and harden in that shape when the material cools down. These areas use uniquely special materials to achieve this ability to shape & retain their shape.

2. WHY IS THIS INTERESTING?

Normal "3D" liners only mold to the ankle/leg due to the heat moldable EVA foams used in their construction the actual 3D shape does not change. Having a liner that fully molds around the ankle/leg has been traditionally found in foam injection liners (liners where foam is pumped into the liner). While this is 100% custom, these liners are very expensive, often associated with a high risk of mistakes being made and can be messy. Mimic liners offer the best of both worlds: complete customization that is done in an easy and repeatable way without any mess.

3. WHAT IS MIMIC MADE OF?

In the Mimic liner is a proprietary, heat-moldable material.

4. HOW MANY TIMES CAN A MIMIC LINER BE RE-FITTED?

Like Memory Fit, this is a repeatable process which usually does not need to be done a second time.

But, should it be needed, a Mimic liner can be re-fitted 3-4 times without experiencing any problems.

Doing it more than this can cause the foams to break down prematurely, resulting in a looser fit.

5. IS MIMIC BETTER THAN INTUITION?

Intuition liners use different layers of heat moldable EVA foams to create a customized fit. The downside to these liners is that they are soft and do not harden to the extent that a Mimic liner does. Mimic will offer a longer lasting, more durable fit that also offers better power transmission & energy transfer to the ski.

6. WILL OTHER BRANDS OFFER LINERS WITH MIMIC TECHNOLOGY?

No. Mimic is unique to Atomic.

7. WHICH ATOMIC BOOT MODELS HAVE MIMIC LINERS?

In year one, Mimic will be featured in our Platinum level liners for men & women in the Hawx Ultra, Hawx Prime, Hawx Ultra XTD, and Hawx Prime XTD families.

8. WILL MIMIC LINERS BE AVAILABLE FOR AFTERMARKET SALES?

Yes, we will offer Mimic Platinum liners for men & women in the Hawx Ultra, Hawx Prime, Hawx Ultra XTD, and Hawx Prime XTD constructions so you can upgrade your existing boots.

9. WHAT IF THE MIMIC LINERS HAS WRINKLES AFTER THE FITTING PROCESS?

Small surface wrinkles in the outer fabric of the liner are totally normal and purely cosmetic, so don't worry about those. If large wrinkles or folds happen, you can repeat the fitting process and they will be removed BUT make sure to follow the fitting procedure steps exactly as we tell you to and you shouldn't get large wrinkles or folds anyway.

10. CAN I DO NORMAL MEMORY FIT WITH A MIMIC LINER?

Yes and no.

Yes, the normal Memory Fit process does not hurt anything, but you will not gain the benefits of Mimic technology. The normal Memory Fit process does not heat the liner up sufficiently to soften the Mimic material. Please see Memory Fit + Mimic instructions to do Memory Fit and Mimic.

3. REDUCTION

MIMIC PROFESSIONAL LINER

WHY MIMIC PROFESSIONAL?

Mimic Professional is the absolute pinnacle of liner customization. It combines heat moldable Mimic material with Redster Foam Technology to create your ideal fitting liner.

MIMIC PROFESSIONAL FITTING PROCEDURE

Perform any shell work (grinding & stretching), set cuff forward lean, and set cuff alignment prior to starting the liner fitting procedure.

1. Pre-heat oven for 3-5 minutes
2. Remove any packaging paper from the liners, remove both insoles, remove protective covering from foaming tubes, and place appropriately sized Mimic sock over each liner.

- a. For Redster liners, place a toe cap over each liner toe to prevent over-heating of the stretch toe box.

3. Place the liners in the oven for 5 minutes (toes first) – foaming tubes should be placed above the liners (not folded, nor kinked).
4. If needed: place supplied foam pads on problem areas of the foot (sensitive bones) but only if there is sufficient space between the pad the shell to allow foam to flow passed the area.
5. Place the appropriately sized toe cap on each foot and then put on thin ski socks.
6. Spray silicone into each shell to aid liner installation.
7. Prepare both foaming guns by installing the black plunger into each gun, slide a foam cartridge into each gun, and lock in place. (The foaming procedure can be done with one gun, but you will need to move the

gun to the next liner after the first liner is foamed).

8. Remove the liners from the oven, keep socks over the liners, add custom footbeds into the liners, and put the liners into the shells. Run your hand down into the liner to ensure the liner sits properly in the shell (no folds or twists. DO NOT PUT THE LINER ON THE FOOT AND THEN STEP INTO THE SHELL.
 - a. For Redster boots, use the Boot Spreader to open the shell for you.
9. Center the foaming tubes of the liner between the power strap fixation screws and thread them through the rear pull loop.
10. Place the Shoe Horn in the liner and assist the customer stepping into the boot. When stepping in, the customer should pull on the liner loops preventing it from collapsing. Remove the Shoe Horn, ensure the liner has not collapsed by pull up

>>>

>>> INSTRUCTIONS & FAQ FOR BOOT CUSTOMIZATION

- on the side pull loops and then correctly position the tongue.
11. Close each buckle on a medium setting and then open the lever (but keep the catcher on the toothplate).
 - a. For Redster, a tighter heel fit can be achieved if the shell buckles are kept closed.
12. Stand on the Mimic Professional Podium with feet at hip-width. Pull up on the handles to create a downward force so feet stay in the correct position inside the boot.
13. Remove the end cap from each foam cartridge, attach each gun to each liner by lining up the lines printed on the foam tube with the ones on the cartridge and turn the cap to lock in place.
14. Foam one boot at a time. Pump foam into the liner at a rate of 1 pull per second. Angle the gun downward as this prevents any air bubbles from entering the mixing tube.
 - a. Instruct the customer to repeatedly flex the boot forward in a smooth, controlled motion while foaming. This will allow the foam to freely move around the ankles and create the ideal ankle shape.
15. Stop pumping once the black line has reached the printed line of the correct mondo point size and close the buckles.
 - a. Keep the gun connected to the foam cartridge for a snugger fit.
 - b. Have the customer stand slightly upright while the foam is curing.
16. Repeat foaming process for the other foot.
17. Once the second foot is finished, wait 2 minutes, the customer can walk around. This will force any remaining air out of the bladder system.
18. Wear the boots for an additional 2-3 minutes to ensure the foam has cured.
19. Have the customer sit down and assist them taking off the boots. They can now remove the toe caps & any pads that were placed on their feet.
20. Remove each liner and inspect them for any issues. Small wrinkles in the outermost liner material are ok but there should not be any major wrinkles or folds present.

21. Carefully cut the foam tubes off the liner. If you notice an air bubble trapped inside the liner, insert a small screwdriver into the tube port until you hear the air releasing.
22. Reinsert the liners into the shells and have the customer try on the boots to make sure everything feels perfect.

End of procedure

ATOMIC MIMIC PROFESSIONAL FAQ

1. WHAT IS THE IDEA BEHIND THE MIMIC PROFESSIONAL LINER?

In 20/21, we launched liners with Mimic technology. This was a huge leap forward in liner customization due to its ability to shape around your foot & leg in a simple, mess-free process. For 21/22, we want to take Mimic to the next level by combining it with our World Cup foaming technology. The result is a 100% new way to customize a liner that creates supreme fit, unrivaled comfort without any break-in period, and next-level skiing performance.

2. HOW IS MIMIC PROFESSIONAL DIFFERENT FROM REGULAR MIMIC?

Regular Mimic liners simply reshape to your foot & leg while Mimic Professional does that and removes any excess space from the fit. The result is a liner that is made exactly for you and has 100% your foot shape, with no pressure points or break-in period.

3. HOW IS THIS DIFFERENT FROM REGULAR FOAM INJECTION LINERS LIKE SIDAS OR BOOT DOC?

Mimic Professional blends moldable Mimic technology and foam injection together. The others only have foam injection. This means that our liner creates unrivaled comfort next to skin along with a perfectly shaped hard material next to shell. It's the perfect fit combined with perfect power transmission. That's Mimic Professional.

4. IS THIS UNIQUE TO ATOMIC?

Yes, and patent pending.

5. HOW ARE THERE NO EXIT TUBES?

Unlike traditional foam liners that require excess foam to leave the liner, our Mimic Professional liners utilize a unique bladder system that contains

the foam. Once the bladder is full, the process is complete. There is simply no excess foam to manage. This also means that the fitting process is way easier and way cleaner than traditional foam liners.

6. SPEAKING OF MESS, DOES THE EXPANDING FOAM CAUSE THE LINER TO RUPTURE?

No. Unlike traditional foam liners that operate with high-pressure foam that can blow apart the liner, we use a special foam that does not destroy the liner. No need for plastic bags or fear of getting foam everywhere. It just doesn't happen.

7. WHEN MAKING TRADITIONAL FOAM LINERS, I NEED TO MAKE 3 SETS OF LINERS BEFORE A GOOD ONE IS PRODUCED. WILL THAT HAPPEN HERE?

Nope. Because our foam process is so controlled, easy, and foolproof you will only have to make one set per customer.

8. TRADITIONAL FOAM LINERS TAKE FOREVER TO MAKE. WILL THIS TOO?

Nope. The entire Mimic Professional fitting process is about 1/3 the time of a traditional foam liner. This is faster, cleaner, and easier than a traditional foam liner.

9. BUT IS IT AS GOOD AS A TRADITIONAL FOAM LINER?

Better, actually. Because you have the benefit of both Mimic technology and foam injection, you are getting the benefits of both technologies: the best next-to-skin fit and the best next-to-shell fit.

10. IS THERE A BREAK-IN PERIOD?

No. Once the foaming procedure is finished and the foam has hardened, you can experience the ultimate in fit without a painful break-in period.

11. THIS LINER LOOKS AWESOME. WHAT IS IT MADE OF?

We only use the finest materials possible. The upper cuff is real carbon fiber sandwiched between two layers of moldable plastic. The lower is made from microfiber, which is a super thin & supple leather-like material that yields an incredible fit and feel.

>>> INSTRUCTIONS & FAQ FOR BOOT CUSTOMIZATION

FOR WHEN THE FOOT SHAPE IS NARROWER THAN THE SHELL SHAPE

VOLUME REDUCING LEG PAD

WHY USE THE VOLUME REDUCING LEG PAD?

The Volume Reducing Leg Pad is designed to take up equal space around the leg, providing a snugger fit, increased comfort and increased shock absorption.

OVEN & FITTING PROCEDURE

1. Begin by placing them in the Memory Fit oven for 1 minute.
2. After 1 minute, slide the left pad onto the left leg, positioned around the calf muscle.
3. Assist the customer stepping into the boot and close the buckles on a medium tension.
4. Repeat for the other leg and have the customer stand in a flexed position for 5 minutes.
5. The Leg Pads should approximately stick 2.5cm out of the liner.

VOLUME REDUCING PAD KIT

WHY USE THE VOLUME REDUCING PAD KIT?

Add these pads for reducing excess volume around the ankle area, forefoot and instep area of the liner.

Each pad is made of heat-moldable EVA foam. The top is covered with Corduroy fabric to maximize durability. And the edges are tapered to prevent the pads from catching when installing/removing the liner.

OVEN & FITTING PROCEDURE

1. Please read the safety warning on the glue bottle before opening.
2. Begin by tracing the pad on the desired location of the liner.
3. While taking the necessary safety precautions, evenly apply glue to both the pad and the marked area of the liner.
4. Next, place the pads in the Memory Fit oven (glue side up) for 1 minute.
5. After 1 minute, place the first pad onto the marked area of the liner.
6. Repeat for the other side.
7. Install the liner into the boot.
8. Assist the customer stepping into the boot and buckle on a medium tension.
9. Have the customer stand in the boots for 5 minutes.

ESTABLISHING THE CORRECT BOOT SIZE

1. THE ATOMIC FOOT MEASURE

The ATOMIC foot measure is very accurate and can be used to measure both the right and left foot.



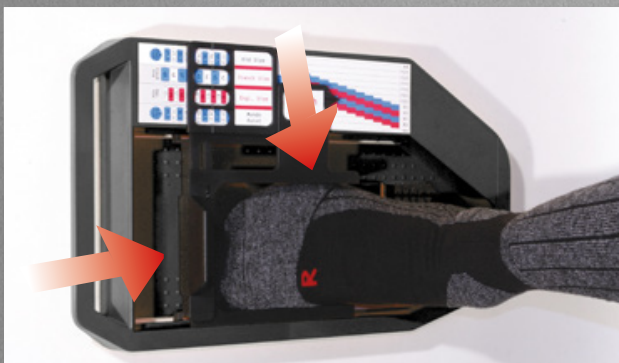
Measuring the Right foot:

Place the heel in the rear right corner of the measure.

Place the 1st metatarsal (widest part of the ball of the foot) against the right side of the black slider. Both feet should be evenly weighted and the knees slightly bent forward.

To measure the length bring the slider back until it gently touches the toes.

To measure the width bring the slider over until it touches the 5th metatarsal or widest part on the outside of the foot.



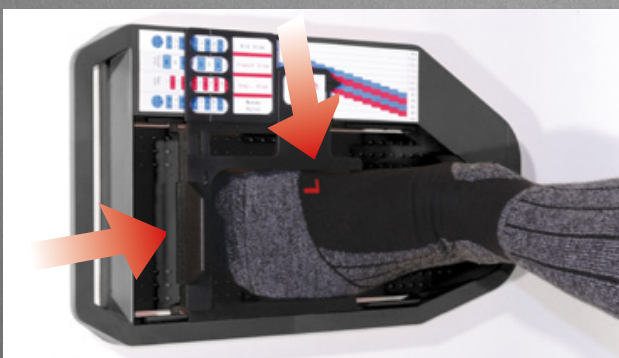
Measuring the left foot:

Place the right heel in the rear left corner of the measure.

Place the 5th metatarsal (widest part of the ball of the foot) against the right side of the black slider.

Both feet should be evenly weighted and the knees slightly bent forward. To measure the length bring the slider back until it gently touches the toes.

To measure the width bring the slider over until it touches the 1st metatarsal or widest part on the outside of the foot.



Please note that the ATOMIC foot measure is for guidance purposes only and in no way guarantees a correctly sized or fitting boot.

2. THE SHELL CHECK

Using a foot sizer is a good **starting point** for finding the right size boot but a more accurate way is to perform a shell check.

Remove the liner and place the customer's foot carefully inside the shell.

The shell may have sharp edges so be very careful and ensure the customer is wearing **thin ski socks**.

Instruct the customer to slide their foot to the front of the shell so their toes are slightly touching the front with gentle contact. Their toes should not be jammed into the front but also not touching.

Examine the space behind the heel.

In a "standard" fit, we are looking for 1.5-2.0cm of space behind the heel. In a "performance" fit, we are looking for 1.0-1.5cm of space behind the heel. Anything more than 2.0cm can yield a boot that is problematically too big and lead to issues that cannot be fixed.



CUFF ALIGNMENT

Cuff alignment is a geometry adjustment that aligns the angle of the cuff with the angle of the leg. Performing this adjustment increases comfort and allows for a more harmonious interface between leg and cuff.

WARNING – if the cuff is improperly aligned to the leg, it can cause knee pain, hip pain, and/or imbalance while skiing.

1. Remove each liner from its shell and remove custom insoles from liners.



2. Place each custom insole into its respective shell.



3. Have customer stand in the shells, on top of their insoles, and buckle the cuff on a medium tension.



4. Spin each medial & lateral cuff alignment hardware with a pin spanner to change the angle of the cuff so that equal space exists between the leg and cuff



POWER SHIFT – ADJUSTING FORWARD FLEX

Power Shift is a unique adjustment on select models of Hawx Ultra, Hawx Prime, and Hawx Magna that allows for independent adjustment of forward lean and forward flex. The number of screws used in the Power Shift will change the feel of the initial portion of the boot's flex pattern. Using one screw (the bottom only) provides a softer, slower initiation to the boot's flex pattern. Using both screws provides a firmer, quicker initiation to the boot's flex pattern.

All boots featuring Power Shift are delivered in the softer configuration.

STIFFENING THE FLEX

1. Remove each liner from its shell and remove the plastic cap from the top hole of each Power Shift.



2. Using a 3mm or 4mm drill bit, drill a pilot hole through the shell using the top hole in the Power Shift as a guide. Be sure to drill at a perpendicular angle to the shell.



3. Use a 7mm drill bit to complete the hole to the correct dimension.



4. Remove any plastic shavings from the shell and add the claw nut to the shell.



5. Add the screw to the Power Shift and tighten. As you tighten the screw, it will pull the claw nut into the plastic. Make sure that the claw nut is flush with the plastic and not protruding out into the liner.

6. Repeat steps 2-5 for the other boot.

7. Install liners.

SOFTENING THE FLEX

1. Remove the liner from each shell.
2. Remove the top screw from the Power Shift
3. Remove the top claw nut from the shell (pro tip: use the screw to push the claw nut out of the shell) ▶
4. Repeat steps 2 & 3 for the other boot.
5. Install liners.



FAQ

Can I remove both screws from the Power Shift?

No. Doing so will cause the Power Shift to fall off the boot.

Why doesn't Atomic use a simple switch or lever to adjust between flexes like other brands?

Because these adjustments don't really work. If you want to have a real, tangible change to how the boot flexes, you need to do alter the boot in this way. This is exactly how we do it with our World Cup boots and it makes for a genuine performance upgrade.

Why are all models delivered with only one screw installed?

Adding the second screw should only be done once cuff alignment has been performed. If the top screw is added before cuff alignment is performed, it can lead to difficulty achieving the correct cuff alignment setting.

POWER SHIFT – ADJUSTING FORWARD LEAN FOR HAWX ULTRA, HAWX MAGNA, AND PRE-24/25 HAWX PRIME

Power Shift is a unique adjustment on select models of Hawx Ultra, Hawx Prime, and Hawx Magna that allows for independent adjustment of forward lean and forward flex. Power Shift allows the forward lean to be adjusted to either 13° or 15° (standard) or 17°. A 13° setting provides a more upright stance and/or more space for a large calf muscle. A 15° setting provides what we consider to be a beneficial, “neutral” stance for skiing. A 17° setting provides a more aggressive, “race” oriented position. This tutorial demonstrates how to adjust the Power Shift to each setting.

IMPORTANT: like cuff alignment, adjusting the Power Shift can cause skier discomfort if an improper setting is selected. The forward lean should never be greater than the skier’s ankle/Achilles tendon flexibility allows for. For example, if a skier has a limited range of motion/flexibility resulting in a leg angle of 13°, the Power Shift should not be positioned at 15° or 17°. Doing so will cause the heel to lift and the foot to consequently move around while skiing, potentially causing discomfort. It is therefore our recommendation that prior to adjusting the Power Shift a flexibility assessment be performed by a trained boot-fitter. That same boot-fitter can then make the necessary adjustment of Power Shift.

FOR THE 13° SETTING

1. Remove the liner from each shell.

2. Loosen both screws (but do not fully remove them) and disengage the Power Shift from the cuff.



3. Pull cuff back and place the black plastic shim in the resulting gap created between the cuff and shell at the location of the Power Shift & screw area. The shims are right and left specific and only to be used for the 13° setting.



4. Tighten Power Shift screws in place.



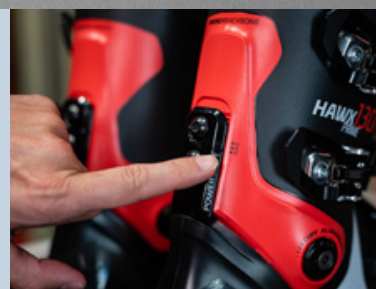
FOR THE 15° OR 17° SETTINGS

(this is most easily done with assistance, i.e. with a boot-fitter)

1. Step into boot (with liner) and fasten all buckles and power strap tightly.
2. Loosen the screw(s) in the Power Shift but do not fully remove.



3. Flex the cuff forward and position the Power Shift at 17° or 15° (17° is pictured) and tighten the screws in place.



>>>

POWER SHIFT – ADJUSTING FORWARD LEAN FOR CURRENT YEAR HAWX PRIME

Power Shift is a unique adjustment on select models of Hawx Ultra, Hawx Prime, and Hawx Magna that allows for independent adjustment of forward lean and forward flex. Power Shift allows the forward lean to be adjusted to either 13° or 15° (standard) or 17°. A 13° setting provides a more upright stance and/or more space for a large calf muscle. A 15° setting provides what we consider to be a beneficial, “neutral” stance for skiing. A 17° setting provides a more aggressive, “race” oriented position. This tutorial demonstrates how to adjust the Power Shift to each setting.

IMPORTANT: like cuff alignment, adjusting the Power Shift can cause skier discomfort if an improper setting is selected. The forward lean should never be greater than the skier’s ankle/Achilles tendon flexibility allows for. For example, if a skier has a limited range of motion/flexibility resulting in a leg angle of 13°, the Power Shift should not be positioned at 15° or 17°. Doing so will cause the heel to lift and the foot to consequently move around while skiing, potentially causing discomfort. It is therefore our recommendation that prior to adjusting the Power Shift a flexibility assessment be performed by a trained boot-fitter. That same boot-fitter can then make the necessary adjustment of Power Shift.

FOR THE 13° SETTING

1. Remove the liner from the shell.
2. Loosen each screw(s) and disengage each Power Shift from each cuff (fig. A).
3. Remove each shim that sits between the cuffs and the shells (fig. B & C).
4. Break off the upper portion marked 13° and remove any protruding burrs from the parts (fig. D & E).
5. Click each 13° portion onto each main 15° shim (fig. F).
6. Install each combined shim in between their respective cuff and shell (fig. G).
7. Position each Power Shift in the 13° setting and tighten the Power Shift screws.

FOR THE 15° SETTING

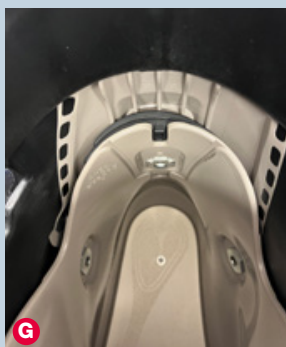
(STOCK SETTING FOR ALL MODELS EXCEPT 130 RS)

1. Remove the liner from the shell.
2. Loosen each screw(s) and disengage each Power Shift from each cuff (fig. A).
3. Remove each shim that sits between the cuffs and the shells (fig. B & C).
4. Ensure that each shim looks like either of these photos: (fig. D & H).
5. Install each shim in between their respective cuff and shell (fig. B).
6. Position each Power Shift in the 15° setting and tighten the Power Shift screws.

FOR THE 17° SETTING

(STOCK SETTING FOR 130 RS)

1. Remove the liner from the shell.
2. Loosen each screw(s) and disengage each Power Shift from each cuff (fig. A).
3. Remove each shim that sits between the cuffs and the shells (fig. B & C).
4. Position each Power Shift in the 17° position and tighten the Power Shift screws.



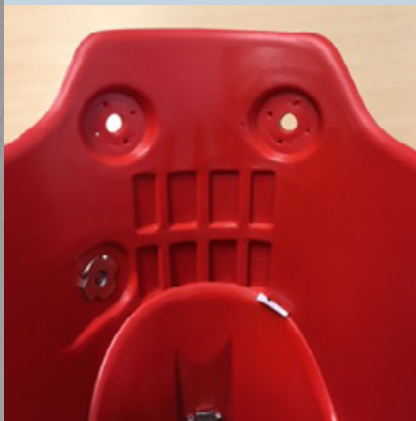
REDSTER AR SPOILER

Attaching the Redster AR Spoiler is an easy procedure. Please follow these steps:

1. Remove the liner from the shell.



2. Completely remove the power strap and claw nuts from the back of the cuff



3. Press the claw nuts into the main spoiler. Pro tip: use two washers and a screw to pull the claw nut into the spoiler.



3. You can use the main spoiler on its own, or in combination with the additional shim to further increase forward lean/reduce volume



4. Use the longer 11mm screws (supplied with the spoilers) and attach power strap & spoiler to the cuff



HOW TO: REPLACE BUCKLES (OR ANY OTHER RIVETED COMPONENT)

► TOOLS YOU WILL NEED

- Safety glasses
- Boot fixation device
- Metal center punch
- Hammer
- Drill
- Fresh/sharp drill bit designed for metal (slightly smaller diameter vs. the rivet head you will be drilling out)
- Screw & T-nut of required depth & diameter
- Matching driver (hex screw requires a matching hex tool, etc.)
- Blue Loctite (or similar non-permanent thread locking agent)

► PROCEDURE

1. Remove liner from the shell
2. Secure the boot in a device that holds the boot at the heel & toe
3. Using the metal center punch & hammer, dent the head of the rivet (this provides a more secure area that prevents the drill bit from sliding off the rivet)



4. Drill out the rivet at a perpendicular angle



- a. Be careful not drill at a low angle as the drill can slip and then damage the boot
- b. Be careful when drilling out the final rivet as the buckle can get stuck on the drill bit, spin around, and cause injury to the boot-fitter.
- c. Be careful not to drill for long periods of time on the same rivet. The amount of friction that develops will heat up the plastic, potentially damaging the plastic. This especially critical with boots that use polyolefin/polyethylene/polypropylene plastics (think lower end boots) or polyamide plastics (think thin walled touring boots).

5. Remove old buckle and any metal shavings that resulted from drilling out the old buckle.



6. Add Loctite to the screw's threads (be aware that most thread locking agents set in 10 minutes but take 12-24 hours to fully harden).



7. Place new buckle on the boot (helpful hint: tape the buckle in an open position so that you do not need to hold it open when trying to install).



8. Assemble and tighten as necessary (and remove tape if you followed the helpful hint).



NOTES

[illegible]

ACTIVE PROTECTIVE



HOW TO CHOOSE THE RIGHT HELMET

For consumer protection, please read the following guide and follow the given instructions.

Helmets are designed to reinforce safety while doing the following winter sports activities: Ski, Snowboard, thus excluding all other activities, whether motorized or otherwise.

NORMS

All Atomic helmets respect the following standards:

CE-EN1077 	ASTM F2040 
Helmets for alpine skiers and for snowboarders (Non motorized winter sports)	Helmets for recreational snow sports (Non motorized winter sports)

HEAD MEASURER

WARNING

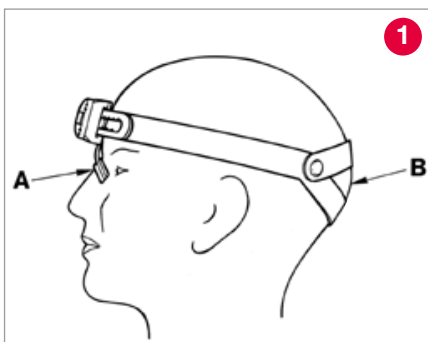
Atomic has developed a head measurer that will help you to better serve the consumer by being able to recommend the helmet size that corresponds to the circumference of his/her head.

Please remember that the size given by the measurer (centimeters) should be used only as an indication. Using the measurer should never replace trying on the helmet.

The final selection of the appropriate size should be left to the customer.

Atomic does not cover any damage to the head measurer that is a result of transportation, storage or not abiding by the instructions for use.

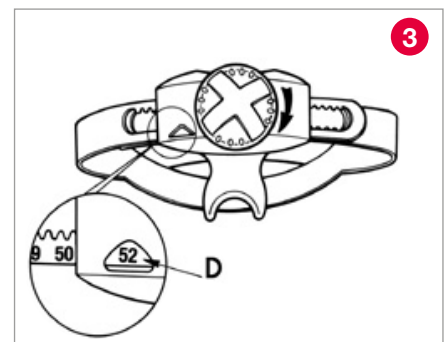
RECOMMENDATIONS FOR USE



Position the measurer on the head according to (fig 1), touching the brow (A) and the occipital bone (B).



Turn the roller (C) until it disengages (fig2).

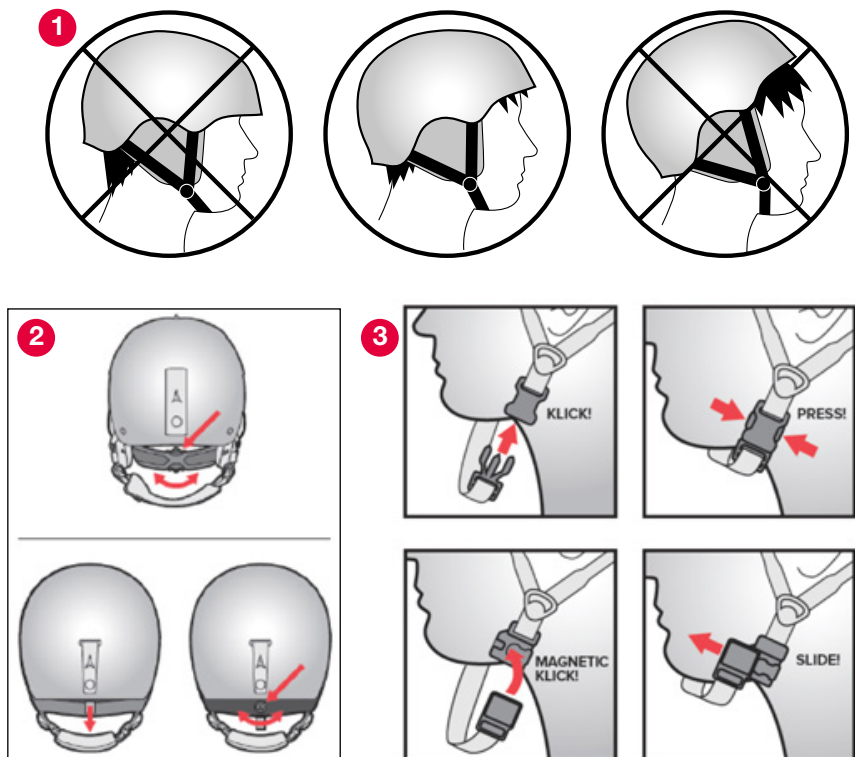


Read the measurement on the graduated scale (D) in the window (fig.3).

HELMET ADJUSTEMENT

ADJUSTMENT OF YOUR HELMET

1. Position the helmet on your head, not too far forward not too far back. (fig. 1)
2. For models with the AFS system, adjust it to the circumference of your head. (fig. 2)
3. For certain models, adjust the furnished spare parts to reduce the empty space between the helmet and your head.
4. Close the buckle under your chin until you hear a click sound. (fig. 3)
5. Adjust the length of the chin strap to maintain the position of the helmet. The helmet should fit well, yet not to be too tight affecting your respiration or swallowing. Try to move your head around to see if the helmet moves. It should stay in place and be comfortable.



CHIN GUARD ADJUSTMENT

REDSTER

1. Unscrew the acoustic plates using an Allen/Hex key.



2. Screw In the Chin Guard but don't tighten it yet.



3. Adjust the Chin Guard angle equally on both sides (3 setting options).



4. Tighten screw 100% and go racing.



REDSTER SL

1. Remove the rubber placeholders from the helmet.



2. Lightly screw on the chin guard.



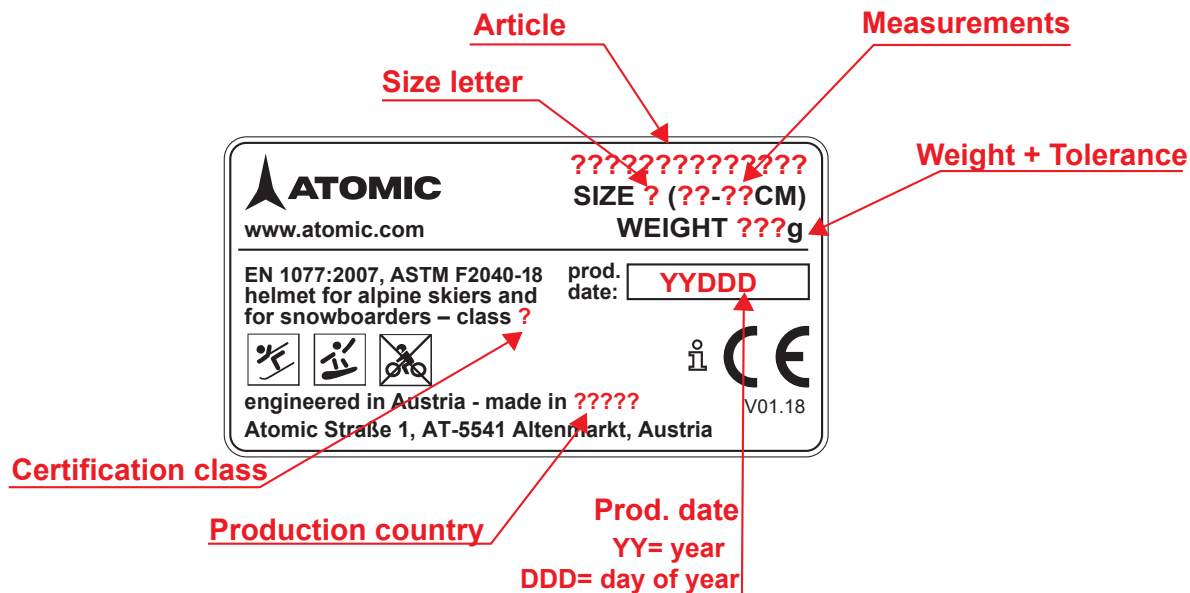
3. Adjust the chin guard position.



4. Fix the chin guard in the desired position.



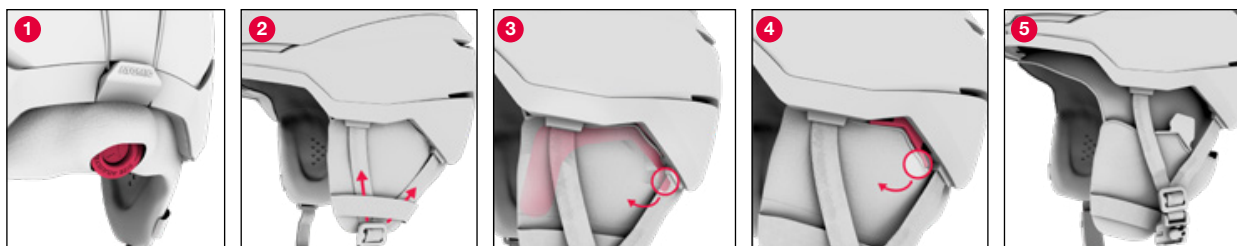
STICKER DECLARATION



CHANGE LINER

1. Remove the liner from the size adjuster
2. Detach the earpad straps from the liner
- 3+4. Remove the liner from the Velcro and pull the earpads forward and a little downward (some force is needed to remove the plastic part of the earpad from the helmet)
5. Take out the liner

For assembling follow the steps in reverse order



CHANGE SIZE ADJUSTER

1. Remove liner from size adjuster



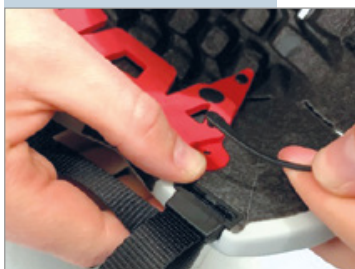
2. Detach straps from liner



3. Remove earpads from helmet



4. Detach size adjuster arms



5. Turn size adjuster for 90° to remove it



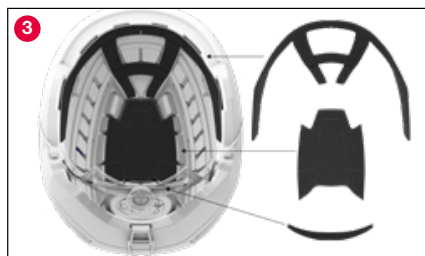
6. For assembling follow steps 5-1



BACKLAND HELMET

SWAPPING LINERS

1. Remove the Liner by starting at the size wheel. Push the size wheel through the opening in the liner. (fig. 1)
2. Move the straps through the ear pad fixation and loosen the Velcro. Take out the alpine liner. (fig. 2)
3. Attach the touring liner as shown in the picture. The liner is attached by Velcro. If some Velcro has come off, use the additional Velcro from the order to secure the liner. (fig. 3)



REMOVING THE STRAP STATION

1. Turn the fixation.
2. Slide the fixation through the opening.
3. Pull out the strap station.



SIZE CHART HELMETS

MODEL NAME	XXS	XS	S	M	L	XL	XXL
Redster WC CTD / Redster CTD / Redster		51-53	53-55	55-57	57-59	59-61	61-63
Redster SL CTD / Redster SL			51-55	55-59	59-63	63-65	
Savor GT AMID CTD / Savor GT AMID / Savor GT			51-55	55-59	59-63	63-65	
Savor AMID / Savor			51-55	55-59	59-63	63-65	
Savor GT Visor Models			51-55	55-59	59-63	63-65	
Savor Visor Models			51-55	55-59	59-63	63-65	
Savor R			51-55	55-59	59-63	63-65	
Revent+ AMID / Revent+ LF / Revent+ / Revent			51-55	55-59	59-63	63-65	
Count XTD / Count			51-55	55-59	59-63	63-65	
Four AMID Pro CTD / Four AMID Pro			51-55	55-59	59-63	63-65	
Four AMID		48-52	51-55	55-59	59-63	63-65	
Backland CTD / Backland			51-55	55-59	59-63	63-65	
Backland UL CTD / Backland UL			51-55	55-59	59-63	63-65	
Redster JR CTD / Redster JR			51-55	55-59			
Savor Visor JR / Savor R JR		48-52	51-55				
Savor Visor JR CTD			51-55				
Count JR		48-52	51-55				
Four JR / Four JR R	46-48	48-52	51-55				

NORMS

All Atomic visor helmets respect the following standards:

CE-EN1077 	ASTM F2040 	CE-EN174 
Helmets for alpine skiers and for snowboarders (Non motorized winter sports)	Helmets for recreational snow sports (Non motorized winter sports)	Goggles used to protect the eyes during downhill skiing, including snowboarding

LENS CHANGE VISOR HELMETS

1. Decide between Vision Setting / OTG Setting



2. Attach visor lens to the helmet, don't touch inner lens



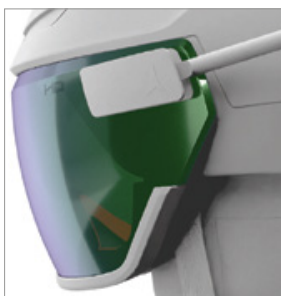
3. Tighten screws on both sides



4. Get visor in position



LENS CHANGE VISOR HELMETS REVENT GT AMID VISOR



1. Loosen the cover cap on both sides of the visor with a slot screw-driver.



2. Loosen the screws on both sides of the visor with the included torx screwdriver.



3. Take the visor of the helmet and install the new visor in the same position.



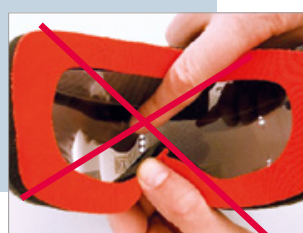
4. Fix the visor in its position with the screw until the screw reaches its end point and close off the box with the cover cap.

LENS CHANGE (EXCEPTING REVENT Q AND FOUR Q)

1. Remove lens by pulling the frame



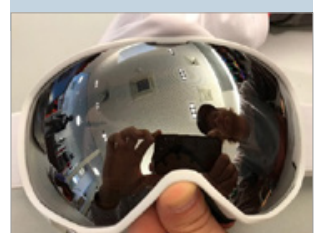
Don't touch inner lens



2. Insert lens at the nose area first, to avoid scratches use the google pouch.



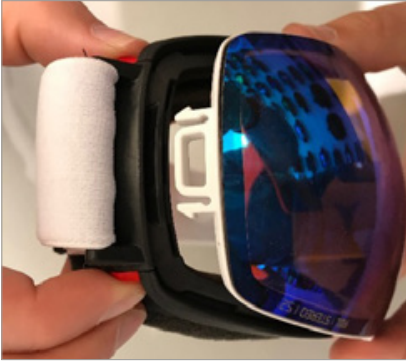
3. Then insert lens on the side and on the top



>>>

LENS CHANGE REVENT Q AND FOUR Q

1. Detach lens side by side, through pressing both pins simultaneously. Don't touch inner lens
2. Remove lens, don't touch inner lens



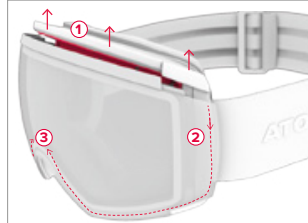
3. Insert lens side by side into the mechanism



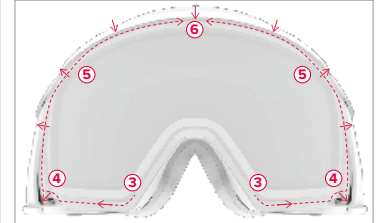
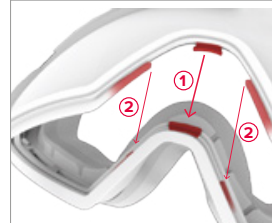
LENS CHANGE REDSTER WC HD, REDSTER HD AND FOUR PRO

REDSTER WC HD, REDSTER HD

REMOVING THE LENS

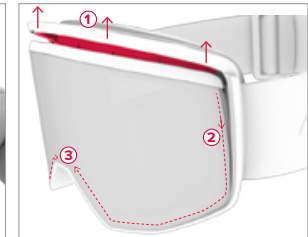


ATTACHING THE LENS

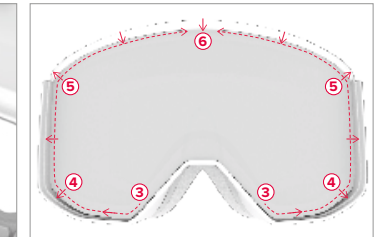
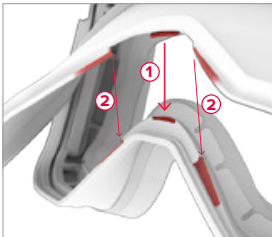


FOUR PRO

REMOVING THE LENS



ATTACHING THE LENS



Remember:
to avoid fingerprints and scratches – particularly on the inner lens – always use the supplied pouch as a glove when swapping your lens.

1. Gently push the top center of the goggle frame upwards, until the top edge of the lens is visible.
- 2-3. Holding the goggle frame up, gradually remove the lens from top to bottom – working around the outside then in towards the nose area.

1. Find the hook in the nose area of the lens. Place it into the corresponding slot in the frame.
2. Next, take the center side plugs on the lens and place them into their respective slots on the frame (to the left and right of the nose).

- 3-4-5-6. Gradually insert the lens into the frame from bottom to top on both sides. Then push the center top of the lens to secure it. You'll hear a small click when it's firmly in place.

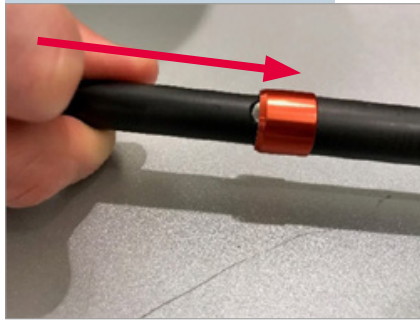
POLES

FOLDABLE POLES

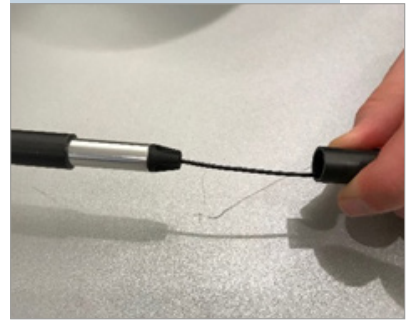
1. Press button



2. Push middle shaft into upper tube



3. Detach shafts



4. Fold pole



5. Push middle shaft out of upper tube



6. Secure shafts with button



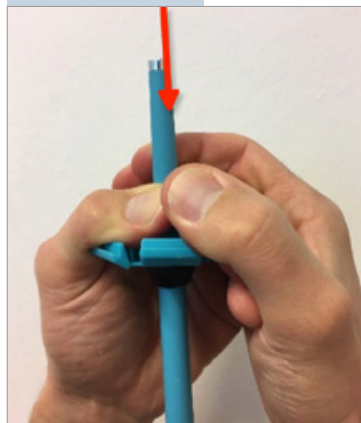
REMOVE BASKET

Pull basket to tip by turning the shaft



ADD BASKET

Push basket to top



BACK PROTECTORS

NORMS

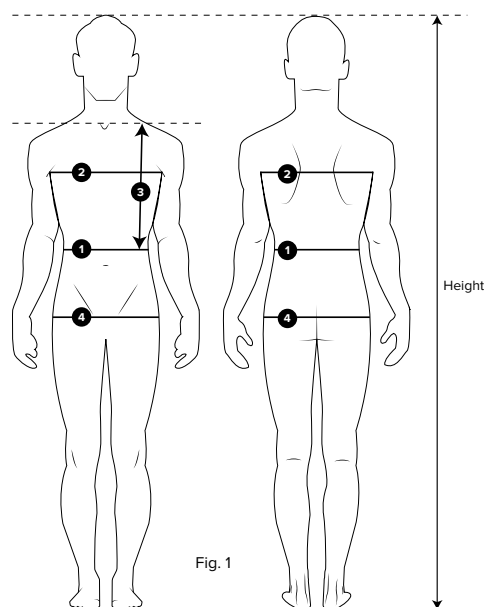
CE-EN 1621-2 

Motorcyclists' protective clothing against mechanical impact – Part 2: Motorcyclists' back protectors
Requirements and test methods

SIZING

For correct sizing, please refer to the following table, after measuring your height and torso length, intended as the distance between your hip and shoulder (**Fig.1**). Please note that the size table should only be considered as a guide when choosing the right size of your protection product. All bodies have their proportions distributed differently and ATOMIC always recommends to try on the protection product: To function properly, the body parts that require protection must be completely covered.

1 SIZING



- 1 Waist:** Measure the circumference of your waist at your natural waistline, which is located above your belly button and below your rib cage.
- 2 Chest:** The circumference of your chest is measured under your armpits, around your shoulder blades, and back to the front.
- 3 Torso:** The torso length is measured from the top of your shoulder at the outer end of the clavicle to your waistline.
- 4 Hip:** Hip is measured at your widest point around the hip.

SIZES

UNISEX	XS	S	M	L	XL
TORSO LENGTH	35-38 cm	39-42 cm	43-47 cm	47-51 cm	47-51 cm
HEIGHT	< 160 cm	160-170 cm	170-185 cm	> 185 cm	> 185 cm

MEN	S	M	L	XL
TORSO LENGTH	39-42 cm	43-47 cm	47-51 cm	47-51 cm
HEIGHT	160-170 cm	170-185 cm	> 185 cm	> 185 cm
CHEST	84-94 cm	94-102 cm	102-110 cm	110-119 cm
WAIST	72-80 cm	80-88 cm	88-96 cm	96-105 cm

WOMEN	XS	S	M	L
TORSO LENGTH	35-38 cm	35-38 cm	39-42 cm	43-47 cm
HEIGHT	< 160 cm	< 160 cm	160-170 cm	170-185 cm
CHEST	72-82 cm	82-90 cm	90-96 cm	96-106 cm
WAIST	62-68 cm	68-74 cm	74-80 cm	80-89 cm

JUNIOR	JS	JM	JL
TORSO LENGTH	28-31 cm	31-34 cm	35-38 cm
HEIGHT	<=125 cm	120-140 cm	140-160 cm
CHEST	73-79 cm	79-85 cm	85-91 cm
WAIST	65-71 cm	71-77 cm	77-83 cm

LIVESHIELD SHORTS

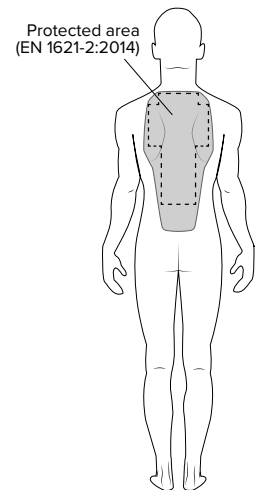
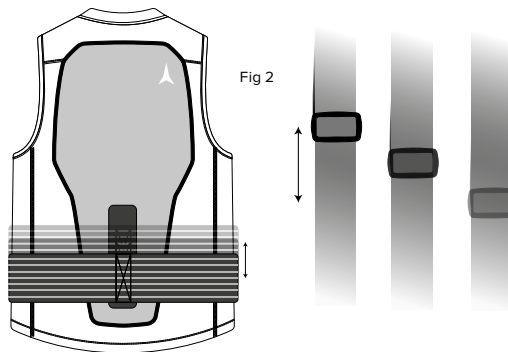
UNISEX	S	M	L
HIP	85-93 cm	93-101 cm	101-109 cm
WAIST	72-80 cm	80-88 cm	88-96 cm

INSTRUCTIONS FOR USE

After having chosen the right size, increased protection is offered when the body vest is correctly worn. Take good care in securing your Live Shield Product properly by adjusting the belt size or strap unit, making sure the protector pad is in place (**Fig.2**). Placing the protector as close to your body as possible, it must not be too tight, hence obstructing breathing. It should stay in place and feel comfortable at all times during activity.

2 ADJUSTABLE PLACEMENT OF VELCRO BELT ON BACK

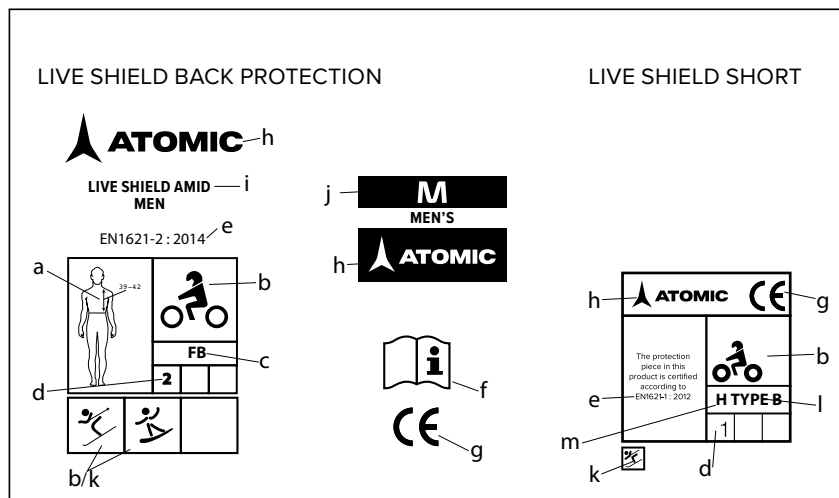
ADJUSTABLE SHOULDER STRAPS ON BP



PRODUCT SPECIFICATION

ATOMIC's Live Shield products fulfill the EN 1621-2:2014 standard with Level 1 or Level 2 protection, as printed on the product. For further explanation of the CE label pictogram please kindly refer to "product specification" as shown in **Fig. 3**.

PRODUCT SPECIFICATION 3



- a. Torso length
- b. Field of use: Back protector for motorcycling, skiing & snowboarding
- c. Full back protector
- d. Level of protection
- e. European harmonized standard
- f. Read the manual before use
- g. European conformity mark
- h. Logo of the manufactory
- i. Model name
- j. Size of product
- k. Low temperature (-20°C) impact test passed
- l. Protector type
- m. Protector style (hip)

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