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Thank you for buying this SALOMON product. SALOMON distributes its products through its worldwide network of authorized SALOMON distributors and retailers and on the SALOMON Online Store at the URLs:

www.salomon.com
www.salomonrunning.com
www.salomonfreeski.com (SALOMON Online Store)

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

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

I. LIMITED WARRANTY

SALOMON provides this warranty to consumers who purchased SALOMON product (Product(s)) from SALOMON or one of it authorized retailers. SALOMON 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. SALOMON 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 SALOMON 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 SALOMON has an authorized importer, subsidiary or distributor. Please refer to the SALOMON 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 such legislation.

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. Five (5) years for alpine ski bindings originally purchased prior to October 1, 2011
b. Three (3) years for winter sports trousers and jackets
c. 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 reminder of the original Warranty Period only; provided, such replacement or repair has been performed by SALOMON or an authorized SALOMON 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 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 SALOMON’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 SALOMON or an authorized SALOMON 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

SALOMON 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 SALOMON 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. SALOMON 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 SALOMON retailer or in the event you purchased the Product on SALOMON Online Store, please contact Customer Service.

For all warranty claims, please refer to the FAQ/RETURN POLICY available on www.salomon.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. SALOMON 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 SALOMON knew of the likelihood of such damages. SALOMON shall not be liable for delay in rendering warranty service.
SKI LENGTH ACCORDING TO WEIGHT AND HEIGHT OF CHILDREN*

<table>
<thead>
<tr>
<th>Child Height</th>
<th>85 to 95 cm</th>
<th>95 to 105 cm</th>
<th>105 to 115 cm</th>
<th>115 to 125 cm</th>
<th>125 to 135 cm</th>
<th>135 to 145 cm</th>
<th>145 to 155 cm</th>
<th>155 to 165 cm</th>
<th>165 to 175 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Weight</td>
<td>10 to 14 kg</td>
<td>14 to 18 kg</td>
<td>18 to 22 kg</td>
<td>22 to 30 kg</td>
<td>30 to 37 kg</td>
<td>37 to 45 kg</td>
<td>45 to 55 kg</td>
<td>55 to 65 kg</td>
<td></td>
</tr>
<tr>
<td>Approx. Age of the child</td>
<td>From 3 years old</td>
<td>From 8 years old</td>
<td>From 5 years old</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Skiing Aptitude

<table>
<thead>
<tr>
<th>H QST Max Jr XS - L39960000+</th>
<th>H QST Lux Jr XS - L39960300+</th>
<th>H X-Race Jr XS - L39959700+</th>
</tr>
</thead>
<tbody>
<tr>
<td>beginner</td>
<td>70</td>
<td>80</td>
</tr>
<tr>
<td>intermediate</td>
<td>80</td>
<td>90</td>
</tr>
<tr>
<td>beginner</td>
<td>100</td>
<td>110</td>
</tr>
<tr>
<td>intermediate</td>
<td>100</td>
<td>110</td>
</tr>
</tbody>
</table>

| beginner                      | 130                           | 140                           | 150                           |
| intermediate                  | 130                           | 140                           | 150                           |
| E X-RACE Jr SW - L39959300+  |
| beginner                      | 130                           | 140                           | 150                           |
| intermediate                  | 130                           | 140                           | 150                           |
| good                          | 130                           | 140                           | 150                           |

| NFX Jr - L39898200+          |
| beginner                      | 110                           | 120                           | 130                           |
| intermediate                  | 110                           | 120                           | 130                           |
| good                          | 110                           | 120                           | 130                           |

* If weight is over 65 kg (142 lbs), SALOMON strongly recommend to use an ADULT ski.

EXAMPLE FOR X-MAX JR XS: A 4 year old child weighing 17 kg (and measuring 100 cm), with intermediate skiing abilities, must choose a 90 cm ski with a "C5" binding.

EXAMPLE FOR NFX JR: A 12 year old child weighing 37 kg (and measuring 145 cm), with intermediate skiing abilities, must choose a 140 cm ski with a "L7" binding.

RECOMMENDATIONS OF USE OF THE SKIS ACCORDING TO THE MASS OF THE SKIER

To guarantee the sufficient parameters of safety (i.e. the resistance of the screws to wrench), skiers must use skis, according to groups 1 to 4 below, corresponding with their weight**.

<table>
<thead>
<tr>
<th>Group of ski</th>
<th>Mass of skier</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&gt; 65 kg</td>
</tr>
<tr>
<td>1, 2</td>
<td>≤ 65 kg</td>
</tr>
<tr>
<td>1, 2, 3</td>
<td>≤ 45 kg</td>
</tr>
<tr>
<td>(1, 2) 3, 4</td>
<td>25 kg</td>
</tr>
</tbody>
</table>

** extract from NF ISO 8364 june 2007
A good ski maintenance is just as important for the recreational skier as for the racer. A well-prepared ski is a guarantee to maintain its performance (turns, grips, gliding, everything that makes the ski performing). The maintenance of a pair of skis involves 2 main steps:

**1 – Daily check-up**
- at the end of everyday of skiing

**2 – Machine tuning**
- for a reliable and precise work

**DAILY CHECK UP**
- Visually check to see if any rust has developed on the edges.
- Remove any traces with fine, 220-230 grit sandpaper.
- If necessary, sharpen and polish edges using sandpaper wrapped around a file.
- Clean the base and wax with Swix wax.

**MACHINE TUNING**

**SKI CHECK-UP**
- Visually check to determine what needs to be tuned.
- Remove major deep scratches on edges with whetstone.
- Remove any traces of wax or grease.

After this check-up, different steps have to be done in order to maintain properly the skis. The maintenance process can be adapted depending on the available machines (grinding, tuning, polishing, waxing, automatic machines or not). But basic steps as followed are recommended.

**STEP 1 : FILL IN ANY HOLES IN THE BASE**
- **Superficial scratches**: can disappear with a grinding machine (Step 2)
- Not very deep scratches or marks to be filled by machine:
  - Polyethylene:
    - Wait 10 minutes for the material to harden
    - Remove the excess polyethylene with a steel spatula for a flat surface
    - Proceed with the grinding machine (Step 2)
- **Deep cuts**:
  - Cut out the damaged area
  - Cut a piece of the corresponding base material
  - Glue it into the damaged area
  - Hold it in place with a clamp and press repair (glue the piece with Loctite® 406 or slow Araldite)
  - Proceed with the grinding machine (Step 2)

**STEP 2 : STONE GRINDING**
- **Note**: skis with plates or interfaces: please install binding-bridge kits according to the "Maintenance specifics" paragraph.
- **Note**: always make the last grinding run in this direction: Tip-Tail.

Concerning the machine parameters, please consult the machine manufacturer.

**BASE FINISHING SPECIFICATION**
If the base is damaged, it must be grinded after the repair work. The structure should be smooth.

**IN ORDER TO GET THE BEST ON THE SNOW, THERE ARE 2 TYPES OF STONE GRINDING STRUCTURATIONS.**
- For a majority of the range, a standard base finishing is recommended:
  - Roughness: $Ra = 2 - 4 \mu m$
  - No visible and specific structure (Photo A1)
  - This standard finishing is working in most of snow conditions.
- For High performance models (SL, GS, DH) a specific stone grinding structure can be used, depending on the ski category (Photos A2 & A3).
  - Roughness: $Ra = 5 - 8 \mu m$
  - Note: A too strong structure (in term of roughness) will degrade the behavior.

**IMPORTANT**: The base and steel edge finishing should be carried out by trained personnel.
STEP 3 : EDGE FINISHING

STEEL EDGE TUNING SPECIFICATIONS

<table>
<thead>
<tr>
<th>Base side</th>
<th>Lateral side</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perf on piste: 1°</td>
<td>Target value: 2° - 2.5°</td>
</tr>
<tr>
<td>Standard on piste &amp; others:</td>
<td>(all skis) 1.3° - 1.5°</td>
</tr>
</tbody>
</table>

- **If > 2°** → it reduces and delays the edge grip
- **If < 1°** → very direct and aggressive edge grip

OFF SET POLISHING

If possible, a 0.1 mm off set is recommended on the base side ▼

▶ Advantage: The off set makes the ski extremely easy to turn

- Make sure the stones are well lubricated.
- Make sure the edges are not burnt (brown color).
- Check the tuning lengths. Here below the starting & ending of the tuning depending on the type of the ski (standard shapes or with rocker shapes). ▼

- Smooth (detuning) the edges by hand with a soft stone (photo B1) or Scotch Brite® (photo B2).

- Make sure all burrs are removed and smooth down again, if necessary.

> DEFECTS TO ABSOLUTELY AVOID

- Not OK burr
- Not OK lateral burr

Summary <<<<
STEP 4: WAXING, SCRAPING AND BRUSHING

Tools:
- Wax remover
- Wax applicator
- Brush
- Iron with thermostat
- Plastic scraper

1. WAXING (photo C1)

   - It’s best to use melted wax.
   - Clean the base thoroughly.
   - Make sure the iron is set at the appropriate temperature so that only the wax is melted. (Temperature 90 °C +/- 5 °C or 230 °F +/- 10 °F).
   - Excess heat (above 120 °C or 248 °F) can be harmful to both wax and ski, and can even cause permanent loss of glide qualities in the base.
   - Choose a wax according to the wax manufacturer’s recommendations.
   - Melt the selected wax over the entire length of the base, and let the wax cool to room temperature.

2. SCRAPING (photo C2)

   - Remove the excess wax with a plastic scraper from tip to tail to leave only a very thin layer.
   - Remove wax from the base groove and ski edges as well.

3. BRUSHING (photo C3)

   - Brush the base with a nylon brush (or other type depending on the structure desired) working from tip to tail.
   - A rotating brush removes the structure of the base for good glide. Strap the skis together. Position the straps at the base contact points.

   Note: The skis can be stored ready-waxed (unscraped) for an extended period of time (e.g. between ski seasons).

---

CLEANING THE SKIS

Pressurized cleaners are prohibited, as well as the following solvents:
- Acetone
- 95° alcohol

(due to risk of damaging the cosmetics of the top surface of the ski).

MAINTENANCE SPECIFICS

Tuning skis with prolink on automatically programmable machines and machines with a lead:

To be able to tune skis with the Y and V prolink, we have developed a specific tuning kit in cooperation with the Wintersteiger company.

This new Prolink adapter can be mounted on the adjustable Wintersteiger bridge (ref. 2000: 7217-0111-V01) and is available at Wintersteiger under the reference 7217-0111-V05.
MAINTENANCE REPAIRS

REPLACING THE TIP PROTECTOR

TIP PROTECTOR WITHOUT SCREWS

“Triangle” tip protector (fig. A).
“Hexagonal” tip protector (fig. B).

1. Check that the tip protector is on the right position (Salomon logo on top foil side (fig. 1).

2. Set up the tip protector on the lateral groove with a rubber hammer (fig. 2).

3. Set up the tip protector on the central groove (fig. 3).

4. Finish the mounting on the second lateral groove with a rubber hammer (fig. 4).

TIP PROTECTOR WITH SCREWS

“Triangle” tip protector (fig. E).
“Hexagonal” tip protector (fig. F).

1. Insert the tip protector on the ski.
2. Place the 2 screws in the 2 holes face the running base and screw on (1N.m).

SKI TOURING

BINDING MOUNTING

WARNING!
Mounting zones are designed (visible) on the ski. It’s mandatory to respect the binding mounting zone as no binding screws should be positioned outside this area.

Concerned Models:
- S/Lab Minim
- S/Lab X-Alp
- MTN EXPLORE 88 and MTN Explore 88 W
- MTN Explore 95

SKIN REPAIRING

In case of damaged skins, a repair kit is available as a spare part. See below the content:

- 4 x metal tip buckles
- 2 x click lock with rivets
- 2 x tail strap with rivets
- 4 x tail strap back fix

REPAIRING INSTRUCTIONS

CLICK LOCK (WITH BUCKLE 105 MM) TAIL STRAP

summary <<<
BINDING
The changes to our 2017-18 Binding Indemnification List reflect Salomon USA’s position regarding discontinuation of service on any bindings which are beyond their usable life.

Older models are dropped to enhance the safety of skiers, and to encourage skiers not to use aged bindings 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 Salomon USA, or bindings which show excessive wear.

Each year, Salomon USA reviews its Binding Indemnification List. New models are added, and in some instances, older models are removed from the list.
BINDING PREPARATION

PREPARATION

Proper procedures for a certified technician to follow while mounting and adjusting Salomon 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, Salomon 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

- Technical manuals for Skis and Bindings
- Spare-parts catalogs
- Release adjustment table (DIN chart)
- 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 (Salomon screwdriver) ref. 000902
- Power screwdriver with torque release
- Posidrive® screwdriver 7mm - ref. 000862
- 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)

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

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 following bindings can be used with both children and adult norm boot soles: Salomon L7, Salomon C5, earlier model equivalents, and their various retail and rental counter parts. 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. A Salomon toe or heel may not be mounted with another manufacturer's toe or heel. Warranty are automatically voided for such mixed systems.

CHILDREN BOOT TO BINDING COMPATIBILITY CHART

<table>
<thead>
<tr>
<th>SALOMON Boots Models</th>
<th>Children* Norm Boot Soles</th>
<th>Adult Norm Boot Soles</th>
</tr>
</thead>
<tbody>
<tr>
<td>X Max LC / Ghost LC</td>
<td>22 - 27.5</td>
<td></td>
</tr>
<tr>
<td>Quest Access 70T</td>
<td>22 - 27.5</td>
<td></td>
</tr>
<tr>
<td>T3 / T3 RT / Team T3</td>
<td>22 - 26.5</td>
<td></td>
</tr>
<tr>
<td>X3 60T</td>
<td>18 - 21</td>
<td>22 - 26.5</td>
</tr>
<tr>
<td>X Max 60T / Ghost 60T</td>
<td>18 - 21</td>
<td>22 - 26.5</td>
</tr>
<tr>
<td>Team</td>
<td>18 - 21</td>
<td>22 - 26.5</td>
</tr>
<tr>
<td>T2 / T2 RT / Team T2</td>
<td>18 - 21</td>
<td>22 - 26.5</td>
</tr>
<tr>
<td>T1</td>
<td>15 - 18</td>
<td></td>
</tr>
</tbody>
</table>

*Boots with Children Norm Boot Soles should only be used with Junior Norm Bindings.
# BOOTS & BINDING COMPATIBILITIES

<table>
<thead>
<tr>
<th>NORM</th>
<th>SOLE</th>
<th>BOOTS</th>
<th>BINDINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 5355</td>
<td>ALPINE</td>
<td><strong>ALL ALPINE BOOTS</strong> in their selling configurations: X LAB / X MAX / X PRO / X ACCESS / QUEST PRO / QST PRO / QST ACCESS / GHOST FS</td>
<td>ALPINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>WTR</strong></td>
<td>WRT</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>PADS</strong></td>
<td>MNC</td>
</tr>
<tr>
<td>WTR</td>
<td></td>
<td>ALPINE BOOTS with Pads available as spare parts: X PRO / QUEST PRO / QUEST ACCESS</td>
<td>NO NORM</td>
</tr>
<tr>
<td>WTR +</td>
<td></td>
<td>PADDS (with inserts)</td>
<td></td>
</tr>
<tr>
<td>ISO 9523</td>
<td>Touring</td>
<td>ALPINE BOOTS with Pads available as spare parts: X PRO / QUEST PRO / QUEST ACCESS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PADS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ALPINE BOOTS with Pads available as spare parts: QST PRO</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Touring</td>
<td>ALPINE BOOTS with Pads available as spare parts: QST PRO</td>
<td></td>
</tr>
<tr>
<td></td>
<td>tech</td>
<td></td>
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<tr>
<td></td>
<td>PADS (</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>with</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>inserts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MTN Lab: MTN Explore (Men and Women)</td>
<td></td>
</tr>
<tr>
<td>NO NORM</td>
<td>Compact</td>
<td>X ALP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shell +</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inserts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUMMARY**

- **STH 16 & 13**
- **ISO 9462**
- **ISO 13962**
- **Guardian 16 & 13**
- **ISO 9462**
- **ISO 13962**
- **MTN**
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 Salomon glue or Epoxy.

### SELECTING THE JIG

#### SYNCHRO CENTER AND SYNCHRO RENTAL BINDING

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Jigs</th>
<th>Skis Widths</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>001003</td>
<td>Rental Line Senior and Junior</td>
<td>56 mm &lt;-&gt; 99 mm</td>
<td>Synchro Center Adult – Synchro Rental Adult (Length drilling 9.5 mm)</td>
</tr>
<tr>
<td>001040</td>
<td>Rental Line Senior and Junior</td>
<td>80 mm &lt;-&gt; 123 mm</td>
<td>Synchro Center Junior – Synchro Rental Junior (Length drilling 8 mm)</td>
</tr>
</tbody>
</table>

**SYNCHRO RENTAL JIG 001003**

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

<table>
<thead>
<tr>
<th>JIGS POSITIONS 001003 &amp; 001040</th>
<th>L10 SR</th>
<th>L7 SR</th>
<th>TS SC</th>
<th>CS SR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synchro C Senior</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Synchro R Senior</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Synchro C Junior</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Synchro R Junior</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Quadrex 3 R</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Soles Lenght</td>
<td>260 mm &lt;-&gt; 382 mm</td>
<td>268 mm &lt;-&gt; 348 mm</td>
<td>230 mm &lt;-&gt; 308 mm</td>
<td>216 mm &lt;-&gt; 304 mm</td>
</tr>
</tbody>
</table>
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.
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-boot-sole indicator on the jig with the tip-of-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.

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: Salomon strongly recommends its own glue for Salomon skis.

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 8 mm length drill bit to mount the Junior bindings L7 – L7 SR – T5 – T5 SC & SR – C5 – C5 SR – Easytrak L7 & C5.
- 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.

**DRILLING**

- **Skis**
  - Junior, Ski Group 3 & 4: 4.1 mm, 8 mm, 000813
  - Adult, Ski Group 1 & 2: 4.1 mm, 9.5 mm, 000893

**Glue**

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

A Pozidrive® n°3 screwdriver, not a Phillips, must be used to mount Salomon bindings. Consult the Salomon Spare Parts Catalog for reference on Salomon 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.
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
BINDING TO BOOT ADJUSTMENTS

ADJUSTING

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

<table>
<thead>
<tr>
<th>Models</th>
<th>Wing adjustment</th>
<th>Toe height adjustment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver 12 to Driver 16</td>
<td>simultaneous</td>
<td>manual 0.5 mm</td>
</tr>
<tr>
<td>Guardian WTR &amp; MNC 13 &amp; 16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warden 13 MNC &amp; Warden 13 MNC DEMO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warden 11 &amp; Warden 11 DEMO</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

summary <<<
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.

XTRACK MXT
WARDEN
DEMO
13 MNC

SMARTRAK + KZ

LIGHTRAK
+ JL

EASYTRAK
WITH LITHIUM 10,
WARDEN 11 & DEMO 11,
MERCURY 11

EASYTRAK +
ECS-EL7-EL10

RENTAL SC & SR

summary <<<
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.

**L & Z**

**Junior Binding**

**Model X16LAB, X12LAB**

**Model X19 LAB, X20LAB**

**Guardian MNC, Warden MNC, STH2 WTR**

**STH**
MODEL - SPECIFIC INSTRUCTIONS

SYNCHRO CENTER AND SYNCHRO RENTAL BINDING

TO BE MOUNTED BY A SALOMON AUTHORIZED DEALER ONLY.

PREPARATION

It is important to maintain consistent procedures when mounting any Salomon binding. Any boot used with a Salomon rental binding must be visually inspected for compatibility.

To use the Synchrosysteme you need:
- Synchrosysteme jig references 001003 and 001040.
- adjustment tool reference 000902.

The bindings that are compatible with the Synchrosysteme are the following:
Z12 SC. Z10 SC. L9 SC. L10 SR. L7 SC. L7 SR. T5 SC. C5 SR.
The Synchrosysteme can be used with all Alpine boots (DIN, ISO 5355) from all brands. The measuring device can be used if skiers come in the shop with their boots on.

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. 001003 or 001040 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. 1).
4. Mount the heel aligning the holes, and tighten the screws (fig. 2).
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. 3) either manually or with a flat Salomon screwdriver (ref. 000902).
7. 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 Salomon screwdriver (fig. 4).
   » Depress the manual toe adjustment button; this way, the toe can slide forward off the track.
**MODEL - SPECIFIC INSTRUCTIONS**

>>> SYNCHRO CENTER AND SYNCHRO RENTAL BINDING

**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.

**Release value adjustment:**
The bindings must be adjusted by using the Adjustment chart.

**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.
TO BE MOUNTED BY A SALOMON AUTHORIZED DEALER ONLY.

**CONTENTS OF THE BOX**

- 2 Toes mounted on a sliding part
- 2 Heels mounted on a sliding part
- 2 Brakes
- 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. 3a & 3b).
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. 4).
5. Mount the Brake following the usual procedure (fig. 5)

**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.
SMARTRAK GRIP / GRIP PLUS
TO BE MOUNTED BY A SALOMON AUTHORIZED DEALER ONLY.

CONTENTS OF THE BOX
› 2 Toes
› 2 Heels mounted on a sliding part
› 2 Brakes
› 2 Thin Plates
› 1 Notice

MOUNTING AND ADJUSTING
1. Insert the Thin Plate in the seating ahead the plate (fig. 1).
2. Place it correctly with a rotational motion (fig. 2).
3. Identify the length of the boot.
4. Identify the letter that corresponds your sole length. (If you are between two, choose the higher one) (fig. 3).
5. Screw the center mounting track to this letter. (4Nm Torque) (fig. 4).
   Mount the Toe piece as usual (fig. 5).
6. From the rear, slide the Heel piece on the interface using the manual lock to authorize the sliding (fig. 6).
7. Mount the Brake following the usual procedure (fig. 7).
8. Position your boot in the toe and slide the heel until it touches the boot (fig. 8).
9. Step in the boot and check forward pressure (fig. 9).
   The arrow on the housing must be within the scribed area
Info: The rear Nº is an indication for a quick adjustment of the second ski (fig. 10).

summary <<<
1. Open and set the blade in straight position and place it on the plate with a rotational motion (fig. 1).

2. Identify the length of the boot sole.

3. Mounting of the toe piece:
   - J L model: Identify the letter that corresponds the sole length and screw the toe piece (if you are between two letters, choose the higher one).
   - H L model: From the rear, slide the toe piece on the interface until it corresponds with or is just above the sole length, push the bolt until the “clic” to lock on the toe piece (fig. 2).

   Note: to move the toe, insert a screwdriver and with a rotational motion lock off the bolt (fig. 3).

4. Mounting of the heel piece:
   - J L model:
     - From the rear, slide the heel piece on the interface using the manual lock to authorize the gliding (fig. 4).
     - Mount the brake following the usual procedure (fig. 5).
     - Position the boot in the toe and slide the heel until it touches the boot.
     - Step in the boot and check forward pressure, the arrow on the lock must be within the scribed area (fig. 6).

   Note: the rear No on the blade is an indication for a quick adjustment of the second ski.

   H L model:
     - From the rear, slide the heel piece on the interface using the manual lock to authorize the gliding (fig. 4).
     - Mount the brake following the usual procedure (fig. 5).
     - Slide the heel piece until it corresponds with or it just above the sole length.
     - Step in the boot and check forward pressure, the arrow on the lock must be within the scribed area (fig. 6).
**X 12 & X 16**

**DRILLING SKIS**

1. For mounting the X 12 & X 16 bindings on skis, holes have to be drilled with the Salomon mounting jig (ref. 11847301) to ensure a proper alignment of the binding.

2. Check the boot sole length you would like to mount the binding for and drill the “S”, “M” holes which are marked on the jig following the instructions in the chart below:

3. Drill your chosen setup and remove the mounting jig.

**Note:** The X 12 & X 16 bindings have an additional hole in the middle to fix the brake, don’t forget to drill this hole.

**MOUNTING PROCEDURE**

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 screws 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.
4. Move the toe piece to the number corresponding to the boot sole length you would like to mount the binding for.
5. Slide the heelpiece 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 screw at max. 4 Nm.
8. Put the boot into the binding and check the forward pressure. The screw head needs to be aligned with the housing.

**MODEL - SPECIFIC INSTRUCTIONS**

<table>
<thead>
<tr>
<th>Sole lengths in mm</th>
<th>Mounting of Heel rail</th>
<th>Mounting of toe rail</th>
<th>Toe PIECE POSITION on the toe rail</th>
<th>Bootcenter related to the &quot;real&quot; bootcenter position in mm</th>
<th>Maximum of positions to adjust the boot center +/-</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&quot;S&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 7</td>
<td>+ 7.0 mm</td>
<td>+2</td>
</tr>
<tr>
<td>265</td>
<td>&quot;S&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 7</td>
<td>+ 2.0 mm</td>
<td>+2</td>
</tr>
<tr>
<td>275</td>
<td>&quot;S&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 7</td>
<td>+ 3.0 mm</td>
<td>+3</td>
</tr>
<tr>
<td>285</td>
<td>&quot;S&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 6</td>
<td>- 0.5 mm</td>
<td>+4</td>
</tr>
<tr>
<td>295</td>
<td>&quot;S&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 5</td>
<td>+ 2.0 mm</td>
<td>+1</td>
</tr>
<tr>
<td>305</td>
<td>&quot;M&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 5</td>
<td>- 3.0 mm</td>
<td>+3</td>
</tr>
<tr>
<td>315</td>
<td>&quot;M&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 4</td>
<td>- 0.5 mm</td>
<td>+2</td>
</tr>
<tr>
<td>325</td>
<td>&quot;M&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 3</td>
<td>+ 2.0 mm</td>
<td>+3</td>
</tr>
<tr>
<td>335</td>
<td>&quot;M&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 3</td>
<td>- 3.0 mm</td>
<td>+2</td>
</tr>
<tr>
<td>345</td>
<td>&quot;M&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 2</td>
<td>- 0.5 mm</td>
<td>+2</td>
</tr>
<tr>
<td>355</td>
<td>&quot;M&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 2</td>
<td>- 3.0 mm</td>
<td>+2</td>
</tr>
<tr>
<td>max 360</td>
<td>&quot;M&quot;</td>
<td>&quot;M&quot;</td>
<td>Position 2</td>
<td>- 3.0 mm</td>
<td>+2</td>
</tr>
</tbody>
</table>
**MODEL - SPECIFIC INSTRUCTIONS**

**JUNIOR RACE PLATE**

**JUNIOR RACE PEDAL KIT**

TO BE MOUNTED BY A SALOMON AUTHORIZED DEALER ONLY.

Junior race plate are compatible with bindings:

- N Z12
- N Z10
- N L10
- N L7

Junior race plates are premounted in factory. 3 sizes are available (S - M - L).

### 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.

#### Mounting on ski

- **S** (225-285)
- **M** (245-305)
- **L** (255-315)

#### Maximum of positions to adjust Boot center

<table>
<thead>
<tr>
<th>Sole length (in mm)</th>
<th>Mounting on ski</th>
<th>«Boot center related to the Ski center according to the Toe position»</th>
<th>Maximum of positions to adjust Boot center</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-M-L</td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>225</td>
<td>&quot;S&quot;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>235</td>
<td>&quot;S&quot;</td>
<td>-</td>
<td>+5mm</td>
</tr>
<tr>
<td>245</td>
<td>&quot;S&quot;</td>
<td>-</td>
<td>+5mm</td>
</tr>
<tr>
<td>255</td>
<td>&quot;S&quot;</td>
<td>+10mm</td>
<td>Centered</td>
</tr>
<tr>
<td>265</td>
<td>&quot;M&quot;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>275</td>
<td>&quot;M&quot;</td>
<td>+10mm</td>
<td>Centered</td>
</tr>
<tr>
<td>285</td>
<td>&quot;M&quot;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>295</td>
<td>&quot;M&quot;</td>
<td>+10mm</td>
<td>Centered</td>
</tr>
<tr>
<td>305</td>
<td>&quot;M&quot;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>315</td>
<td>&quot;M&quot;</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Summary**

- Junior race plate are compatible with bindings: N Z12, N Z10, N L10, N L7.
- Junior race plates are premounted in factory. 3 sizes are available (S - M - L).
- Maximum of positions to adjust Boot center:
WARNING ON L7 BINDING

1. MOUNTING OF THE TOE AND HEEL ON JUNIOR RACE PLATE
In case of L7 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 L7 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

summary <<<
MODEL - SPECIFIC INSTRUCTIONS

X TRACK PLATE WITH XT BINDING
TO BE MOUNTED BY A SALOMON 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.

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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING

1. Remove the grey plastic part from the ski blade before toe assembly.

2. Insert the toe piece from the front and position on the track according to the boot sole length.
3. Insert the heel and break piece from the back and position on the track according to the boot sole length.

4. Boot sole length adjustmen.

5. Step in the boot and check forward pressure.

6. Select and adjust the setting release values for toe and heel pieces.
SPEED PLATE + Z BINDING

TO BE MOUNTED BY A SALOMON 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.

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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING

1 - For mounting Z Speed bindings on skis, holes have to be drilled with the Salomon mounting jig (ref 11139301) to ensure a proper alignment of the binding.

2 - Mount the rear plate by tightening the screws at 4 N.m.

3 - Mount the front plate by tightening the screws at 4 N.m.
4 - Press and open the central lever.

5 - Mount the brake by tightening the screw at 4 N.m with tool Torx 25.

6 - Slide the toe piece from the front backward and the heel piece from the tail forward.

7 - Select the length of the sole boot and adjust the toe and heel pieces at the length corresponding.

8 - Close and lock on the central lever.

9 - Step in the boot and check the forward pressure.
MODEL - SPECIFIC INSTRUCTIONS

EASYTRAK PLATE WITH L&C BINDING

TO BE MOUNTED BY A SALOMON 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.

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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

EASYTRAK L7, L9 & L10

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.

MOUNTING & ADJUSTING

summary <<<
MODEL - SPECIFIC INSTRUCTIONS

>>> EASYTRAK PLATE WITH L&C BINDING

EASYTRAK C5

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

summary <<<
EASYTRAK PLATE WITH LITHIUM BINDING

TO BE MOUNTED BY A SALOMON 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.

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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING

1. Use the Salomon mounting jig (ref:30863001) 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.
2. Insert the toe piece from the front and position on the track according to the boot sole length

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

4. Boot sole length adjustment
5. Step in the boot and check forward pressure ▼

6. Select and adjust the setting release values for toe and heel pieces ▼
EASYTRAK PLATE WITH MERCURY BINDING

TO BE MOUNTED BY A SALOMON 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.

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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING

1. Use the Salomon mounting jig (ref:30863001) 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.
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
WARDEN 11
TO BE MOUNTED BY A SALOMON 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.
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 SALOMON 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 binding on skis, holes have to be drilled with the Salomon mounting jig (ref 39109101) 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 and align the brake indicator with marking on the plate.

3. Step in the boot.

4. Adjust the toe height with adjustment screw until to create a gap of 0.5mm between the boot sole and the binding (fig. 4).

5. Check and adjust the forward pressure.

6. Select and adjust the setting release values for toe and heel pieces.
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 SALOMON 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 DEMO binding on skis, holes have to be drilled with the Salomon mounting jig (ref 39109101) 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 and position on the plate according to the bot 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. Adjust the toe height with adjustment screw until to create a gap of 0.5mm between the boot sole and the binding.

7. Check and adjust the forward pressure.

8. Select and adjust the setting release values for toe and heel pieces.
WARDEN 13 MNC (MULTI-NORM CERTIFIED) DEMO

TO BE MOUNTED BY A SALOMON 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 AND
• Ski boots equipped with « WTR technology » labelled kit of walking
• Touring boots compliant with ISO 9523 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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING

1. For mounting Warden 13 MNC DEMO binding on skis, holes have to be drilled with the Salomon mounting jig (ref 39109101) 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. 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 0.5mm 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 ski.
WARDEN 13 MNC (MULTI-NORM CERTIFIED) BINDING

TO BE MOUNTED BY A SALOMON 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 AND
• Ski boots equipped with « WTR technology » labelled kit of walking
• Touring boots compliant with ISO 9523 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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING PROCEDURE

1. Use the Salomon 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 0.5mm between the boot sole and the binding.

7. In case of adjustment with touring boots compliant with ISO 9523 standard, paste sticker on each ski.
GUARDIAN MNC -MULTI-NORM CERTIFIED- BINDING (BACKCOUNTRY)

TO BE MOUNTED BY A SALOMON 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 AND
• Ski boots equipped with « WTR technology » labelled kit of walking
• Touring boots compliant with ISO 9523 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 SALOMON 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 Salomon 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 Salomon 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 between the boot sole and the binding

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

summary <<<
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:
   A. High position
   B. Low position

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 crampon 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 crampon in the two lugs of the toe piece and lock the crampon

3 - Before using crampons make sure that the hiking aid is in the low position. NEVER USING CRAMPONS IN THE HIGH POSITION
STH2 BINDING « WTR » TECHNOLOGY
TO BE MOUNTED BY A SALOMON 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
AND
• Ski boots equipped with « WTR technology » labelled kit of walking soles for touring skiing.

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 SALOMON authorized ski dealer of this product, for further information regarding which ski boots meet the standards listed above.

MOUNTING & ADJUSTING PROCEDURE

1 - Use the Salomon mounting jig (ref: 32981601) and drill the ski 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.

summary <<<
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 19).

7 - Adjust the toe height with the adjustment screw until to create a gap of 0.5 mm between the boot sole and the binding. (see §: ADJUSTING - TOE HEIGHT ADJUSTMENT > page 19).
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 bellowed ski boots such as Scarpa F1/F3/Tx. 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

summary <<<<
1- In order to mount the bindings, it is important to use the correct Salomon jig (ref L3816250001) 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 hang, 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.

<table>
<thead>
<tr>
<th>Model of U-spring used</th>
<th>W = WOMEN</th>
<th>MEN</th>
<th>EXP = EXPERT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skier classification</td>
<td>Type 1 or 2</td>
<td>Type 1 or 2</td>
<td>Type 3</td>
</tr>
<tr>
<td></td>
<td>Increases release value of the binding in the event of a fall</td>
<td></td>
<td>Reduces release value of the binding in the event of a fall</td>
</tr>
</tbody>
</table>

For full details regarding classification of the skier, please see the Salomon technical manual page 59
9- Replacing the heel piece U-spring (fig. 9)

10- Lubrication points (fig. 10)

11- 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.
CLASSIFY YOURSELF

WHAT TYPE OF SKIER ARE YOU?

DETERMINING YOUR SKIER TYPE IS YOUR RESPONSABILITY

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

**TYPE I**

_Cautious skiing on smooth slopes of gentle to moderate pitch_

Skiers who designate themselves as Type I receive lower than average release/retention settings. This corresponds to an increased risk of inadvertent binding release in order to gain releasability in a fall. This type also applies to entry-level skiers uncertain of their classification.

**TYPE II**

_Skiers who designate themselves as Type II receive average release/retention settings appropriate for most recreational skiing._

**TYPE III**

_Fast skiing on slopes of moderate to sleep pitch_

Skiers who designate themselves as Type III receive higher than average release/retention settings. This corresponds to decreased releasability in a fall in order to gain a decreased risk of inadvertent binding release.

*This classification is not recommended for skier 47lb (21Kg) and under.*

If from experience, you have been dissatisfied with the release/retention settings that result from your skier classification, mention this to your binding technician.
## RELEASE VALUE SELECTION AND ADJUSTMENT

### RELEASE SETTING ADJUSTMENT

#### CHART 1

<table>
<thead>
<tr>
<th>Skier's parameters</th>
<th>Mandatory Release values</th>
<th>Inspection parameters</th>
<th>Examples for Initial indicator value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skier's mass kg</td>
<td>Skier's height m</td>
<td>Skier code</td>
<td>Twist $M_Z$ N.m</td>
</tr>
<tr>
<td>10 to 13</td>
<td>A</td>
<td>8</td>
<td>29</td>
</tr>
<tr>
<td>14 to 17</td>
<td>B</td>
<td>11</td>
<td>40</td>
</tr>
<tr>
<td>18 to 21</td>
<td>C</td>
<td>14</td>
<td>52</td>
</tr>
<tr>
<td>22 to 25</td>
<td>D</td>
<td>17</td>
<td>64</td>
</tr>
<tr>
<td>26 to 30</td>
<td>E</td>
<td>20</td>
<td>75</td>
</tr>
<tr>
<td>31 to 35</td>
<td>F</td>
<td>23</td>
<td>87</td>
</tr>
<tr>
<td>36 to 41</td>
<td>G</td>
<td>27</td>
<td>102</td>
</tr>
<tr>
<td>42 to 48</td>
<td>H</td>
<td>31</td>
<td>120</td>
</tr>
<tr>
<td>49 to 57</td>
<td>I</td>
<td>37</td>
<td>141</td>
</tr>
<tr>
<td>58 to 66</td>
<td>J</td>
<td>43</td>
<td>165</td>
</tr>
<tr>
<td>67 to 78</td>
<td>K</td>
<td>50</td>
<td>194</td>
</tr>
<tr>
<td>79 to 94</td>
<td>L</td>
<td>58</td>
<td>229</td>
</tr>
<tr>
<td>$\geq 95$</td>
<td>M</td>
<td>67</td>
<td>271</td>
</tr>
<tr>
<td>91 to 105</td>
<td>N</td>
<td>78</td>
<td>320</td>
</tr>
<tr>
<td>105 to 121</td>
<td>O</td>
<td>91</td>
<td>380</td>
</tr>
<tr>
<td>121</td>
<td></td>
<td></td>
<td>520</td>
</tr>
</tbody>
</table>

**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.
The release setting is obtained by using the adjustment cap or adjustment screws. 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 52-448 (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 I.
- 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.
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
- 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 Salomon 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 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 height 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.

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:
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.

VISUAL INSPECTION OF SYSTEM COMPONENTS TROUBLESHOOTING PROCEDURE

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.

A Salomon 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.
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 Salomon’s recommendations in this manual, he or she must sign the Workshop Form. (The signing technician must currently be certified by Salomon.)

**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).
**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.
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 they also receive the instructional pamphlet included in each binding box.
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.
In addition, one boot per ‘cell’ is tested for boots that are new to the rental inventory.
A cell is all boots of the same make, model, age, and shell size.
A random selection of 5% of all boots, previously accepted into inventory, is also tested.
Tests are performed with a test device and a pair of specially selected reference bindings.
If a boot fails, all boots from that cell are then tested. Boots that fail and cannot be repaired are removed from inventory.

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.
**RENAL - 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 F1060) 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 BOOT 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 preseasion 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 preseasion 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.

<table>
<thead>
<tr>
<th>Skier code</th>
<th>Binding type</th>
<th>Sole length mm</th>
<th>Release indicator setting</th>
<th>Reference torque twist Nm</th>
<th>Reference torque forward Nm</th>
<th>Twist inspection range Nm</th>
<th>Forward in-use range Nm</th>
<th>Twist in-use range Nm</th>
<th>Forward in-use range Nm</th>
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<tbody>
<tr>
<td>E</td>
<td>Children</td>
<td>258</td>
<td>2.0</td>
<td>20</td>
<td>75</td>
<td>17-23</td>
<td>64-87</td>
<td>14-27</td>
<td>52-102</td>
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<td>J</td>
<td>Junior</td>
<td>306</td>
<td>4.3</td>
<td>43</td>
<td>165</td>
<td>37-50</td>
<td>141-194</td>
<td>31-58</td>
<td>120-229</td>
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<tr>
<td>L</td>
<td>Adult</td>
<td>327</td>
<td>5.8</td>
<td>58</td>
<td>229</td>
<td>50-67</td>
<td>194-271</td>
<td>43-78</td>
<td>165-320</td>
</tr>
</tbody>
</table>
**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.

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.

<table>
<thead>
<tr>
<th>Chart B: Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inventory Size</strong></td>
</tr>
<tr>
<td>100</td>
</tr>
<tr>
<td><strong>Sample Size Units</strong></td>
</tr>
<tr>
<td>16</td>
</tr>
<tr>
<td><strong>Maximum Class I Dev.</strong></td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

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...).
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.
- 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. Solvents may cause permanent damage to the plastic structure by dangerously modifying the product technical characteristics. The markings can also be erased.
- Apply Salomon grease to the lubrication points indicated for each 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.

RETAIL GUIDELINES

Salomon 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, 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 Salomon 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.

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- Apply Salomon 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.
BROKEN MOUNTING SCREW

Salomon screw extractor kit; it comes with two bits of different lengths.
The longer bit is for use with the Salomon jigs for adult skis.
The shorter bit should be used with the Salomon 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 L0008780001. 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 T 5 & C 5 AND L 7-8-9-10 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).
## There are different standards: ISO 5355 and Touring 9523

### Boot Standard

The Alpine boot soles are standardized and bindings are designed accordingly. The standard norm concerns not only the shape and dimensions as illustrated, but also the friction coefficient of the area of the sole which is in contact with the anti-friction plate on the binding.

**In practical terms:**
The boot manufacturers who display one of the following markings: DIN, ISO, ÖN, UNI guarantee that they use standard norms.

In the absence of any of these, check first with the boot manufacturer.

### Boot Sole Lengths

<table>
<thead>
<tr>
<th>Models</th>
<th>Mondopoint Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>X Lab +</td>
<td>265 275 285 295 305 315 325</td>
</tr>
<tr>
<td>X Max Race</td>
<td>285 295 305 315 325 335</td>
</tr>
<tr>
<td>X Max</td>
<td>285 295 305 315 325 335</td>
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<tr>
<td>X Max Women</td>
<td>265 275 285 295 305 315</td>
</tr>
<tr>
<td>X Pro Custom Heat</td>
<td>295 305 316 326 336 356</td>
</tr>
<tr>
<td>X Pro Custom Heat Women</td>
<td>266 276 286 296 306 316</td>
</tr>
<tr>
<td>X Pro</td>
<td>286 296 306 316 326 336 356</td>
</tr>
<tr>
<td>X Pro Women</td>
<td>266 276 286 296 306 316</td>
</tr>
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<td>X Access</td>
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<td>X Access Women</td>
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<td>S/Lab MTN</td>
<td>281 291 301 311 321 331</td>
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<tr>
<td>MTN Explore</td>
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<td>MTN Explore W</td>
<td>271 281 291 301 311</td>
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<td>S/Lab X-ALP</td>
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<tr>
<td>X-ALP Explore</td>
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<tr>
<td>QST Pro</td>
<td>295 305 315 325 335 355</td>
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<tr>
<td>QST Pro Women</td>
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<td>QST Access Custom Heat</td>
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<td>QST Access</td>
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<td>QST Access Women</td>
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<td>Ghost FS</td>
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<tr>
<td>X Max LC 80</td>
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<td>QST Access 70T / Ghost LC65</td>
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<tr>
<td>X Max 60 T / Ghost 60 T</td>
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<tr>
<td>QST 90 T / Team T</td>
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<tr>
<td>X-Pro R90 Wide</td>
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<td>X-Pro R80 Wide Women</td>
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### Last Recap for Different Concepts

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<th>Models</th>
<th>Last 95 mm</th>
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<td>QST Pro 130 TR / 120 / 110 W / 90 W</td>
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Salomon developed a foot measurer that will help you provide better customer service by being able to recommend the size that corresponds to the dimensions (length and width) of the skier’s feet. **However, using the measurer can never replace trying on a boot.**

The volume fit can be measured in two dimensions. The morphology of the foot and physical sensitivity of each individual, according to his/her sports activities and level (comfort/performance ratio), are also determining factors in the choice of size.

The Salomon measurer can be used for all Salomon footwear products (Alpine, X-C, Hiking, In-line skates, Snowboard) and takes into account the two fundamental dimensions of both feet.

- The length (main measurement): it can be read directly on 5 international size scales (US men’s/ US women’s/ UK / EUR / Mondopoint).
- The width in direct correlation with the length measured. The width measurement is particularly useful to refine the measurement in Mondopoint because it orients the customer towards the .0 sizes (narrow feet) or .5 sizes (wide feet).

**MAINTENANCE RECOMMENDATIONS**

Use a damp cloth to clean the measurer. It is prohibited to use chemical agents, hot water, pressurized water, gasoline, alcohol, detergents, solvents or aerosols, which could permanently damage the plastic materials and erase the marks.

**THIS MEASURER ALLOWS MEASURES OF:**
- Length: real Mondopoint/french sizes/UK sizes/US sizes

**MAINTENANCE RECOMMENDATIONS**

Use a damp cloth to clean the measurer. It is prohibited to use chemical agents, hot water, pressurized water, gasoline, alcohol, detergents, solvents or aerosols, which could permanently damage the plastic materials and erase the marks.

**MAINTENANCE RECOMMENDATIONS**

Use a damp cloth to clean the measurer. It is prohibited to use chemical agents, hot water, pressurized water, gasoline, alcohol, detergents, solvents or aerosols, which could permanently damage the plastic materials and erase the marks.
Three-layer construction (fig.1):

A. EXTERNAL LAYER FOR CONTACT WITH THE SHELL
For pressure distribution and thermal insulation
- Polyethylene, closed cell foam
  › insulation, warmth, lightness, better fit
- PVC (Thermic + Rental)
  › protection, ruggedness, durability
- Sensifit cuff construction for envelopment of the leg
- Supple exterior for contact with the shell and foot envelopment
- Anatomical tongue

B. MIDDLE LAYER
For foot envelopment and power transmission
- Thermoformable PE (CustomFit)
  or self-molding PU (Autofit)
  or pre-formed PE (Thermic Fit)
  › suppleness
- Transmission foam coming from the Neoprene family for quick reactions.

C. INTERNAL LAYER FOR FOOT HOLD
For warmth and comfort
- Polyurethane (PU), open cell foam
  › envelopment, breathability, comfort
- High density CustomFit foam for superior envelopment.

The materials selected for this unique layering system were chosen to correspond to the demands of the different skier ability levels.

Salomon offer different liner models:

» My CustomFit 3D:
  - 3D construction vs traditional 2D pattern
  - Pre-shaped patented technology
  - Thermofomable inserts around ankle & heel
  - Solve instant pressure points around ankle & heel
  - Offers unmatched foot hold

» My CustomFit World Cup:
  Best performance
  - Extra low volume Compact Race liner (3 layers).
  - Specific World Cup tongue allowing shock absorbing.

» My CustomFit Race:
  Best performance
  - Low volume Compact Race liner (3 layers).
  - Rigid sole.

» My CustomFit Pro:
  Maximum customization with 3 layers of thermoformable foam on the ankle heel, meta, tongue sole for perfect comfort and transmission.

» My CustomFit Performance:
  Better comfort on the heel, metas & sole without altering performance
  - Two layers: thermoformable foam 80% on all sensitive areas (heel + metas + sole).

» My CustomFit Sport:
  Better customization of the tibia and ankles
  - One layer liner: thermoformable foam 70% on original areas.

» My CustomFit Comfort:
  Better tibial customization
  - One layer liner: thermoformable foam 60% on basic area (tongue).

» My Custom Fit 3d Full Thermo liner:
  Pre-shaped. 3D liner fully thermoformable with biovent ventilation bringing Salomon’s legendary fit and comfort to the touring world.

» ThermicFit:
  Comfort and warmth
  - Pre-formed zones protect the tibia and the forefoot.
  - A pleasure to slip into due to its construction and materials.

» XFit Fusion Comfort:
  A comfortable, single layer constructed thermo moldable liner with a customizable tongue area for shin and ankle comfort.

» Full thermo CF 3D liner
  Legendary Salomon fit combined with lightness ; quick oven process

» My CustomFit full thermo support
  Pre-shaped, lightweight 3D liner is fully thermoformable ; bring Salomon legendary fit & comfort to the touring world

LINERS TECHNOLOGY DESCRIPTION:

» Biovent:
  A breathable liner in a ski boot to keep feet warm all day. This technology helps regulate body temperature thanks to a multilayer construction inspired from apparel.

» Wool Metal:
  Wool metal insulated liner is a mix of wool and a metallic polyeter layer to keep feet warm.

» Custom Heat:
  Heating technology with integrated battery inside the liner and 3 warmth positions for customized comfort.

» Slide In Technology:
  Wide opening range. The new easy step-in liner construction.
WOMEN’S FEATURES

WOMEN’S LINER WITH ANATOMIC TONGUES MADE OF HIGHLY MOLDABLE FOAMS FOR BETTER SHIN AND INSTEP COMFORT IN SENSITIVE FOOT ZONES.

WOMEN’S SPECIFIC FEATURES (fig.1)
1. Loop on tongue
   Easy to bring.
2. Specific tongue
   Autofit and CustomFit foams for better shin and forefoot comfort.
3. Fur
   For extra comfortable and warm liners.
4. Thermoformable liner
   For a better personalisation.
5. Quilting anodized PVC
   For more warmth.

Calf adjustment (fig.2 > fig.5):
- only one screw turn to enlarge the upper cuff up to 1cm to fit all legs shapes easily and quickly.
- Women cuff opening is adjustable. Cuff is delivered with opened position which allows a large volume for calf. It is possible to reduce the calf volume by turning the screw present on the cuff.
CUSTOM SHELL

1ST GENERATION (2008): IN-MOLD TECHNOLOGY
Lateral forefoot zone, base of the shell

2ND GENERATION (2009): DUAL INJECTION TECHNOLOGY
Complete forefoot zone + ankle + heel

3RD GENERATION (2012): DUAL INJECTION TECHNOLOGY
Full lower part of the shell

360° CUSTOM SHELL AVAILABLE ON THE MAX AND PRO SERIES PRODUCTS EXCEPT XPRO 90, XPRO 80, XPRO 80W, XPRO 70W

4TH GENERATION (2013): CUSTOM SHELL ON CUFF
EXTENDED CUSTOM SHELL AREA ON CUFF

SUMMARY...
STEPS TO FOLLOW FOR A SUCCESSFUL CUSTOM SHELL CUSTOMIZATION

We recommend the use of the Sidas boot fitting oven (fig. 1). Make sure the customer uses only ski socks which go higher than the top of the boot.

1. Liners from shells.
2. Put the cool packs into a freezing environment – they have to be cooled down for 30 minutes before use. (fig. 1).
3. Put the shells in the oven with buckles open (fig. 2).
4. Close the door and start the machine, set the timer for 10 minutes.

You can use your regular heating tools though they would be less practical than the oven:
- Heating elements
- Gun
- Boiling water

WARNING: Make sure to wear insulated gloves when removing boot shells. Do not allow customers to touch the boot, avoiding possible burns.

5. Switch off the oven and remove the shells.
6. Put liners back in.
7. Help the customer to step in (fig 3).
8. Close the boots with minimum tightening (first tooth of the buckle) and make sure the forefoot shell seals stay in the right position.

WARNING: Ask your customer to stand still. Avoid bending or walking with warmed shells.

9. Make sure the shell has been fully deformed before starting the cooling process. (It takes approximately 2 min.).
10. Cool the boots for 6 minutes: open the cool pack and scratch it around each boot, starting from the bottom strap (fig 4-5).
- With cold packs for 6 minutes.
- In snow for 6 minutes.
- Naturally for 20 minutes. Ambient atmosphere / Temp

11. Take the cool packs off. Take the boots off.
12. Take care to replace the tongue properly in order to avoid any pain due to folds.

WARNING: Kaprolene™ has been created to be deformed by the foot’s natural pressure. Be very careful if you need to use a pushing machine on the Kaprolene™ areas and NEVER push on the side areas where Kaprolene™ meets the PU shell.

STEPS TO FOLLOW FOR CUSTOM SHELL ON CUFF (Only available on X-Pro boots.) (fig 6-7).

1. Adjust the calf width (you can gain up to 11 mm on the spoiler perimeter) with the help of 1 or 2 rear spoilers (reference 58 928 04 ar and/or 40 512 03 bp).
2. Same heating process as described above.
CUSTOMFIT

THERMOFORMING

THERMOFORMABLE ZONES

1. Straight and anatomical tongue
   - A thermoformable internal side that provides precision and comfort.
   - An external side that is more rigid on the tibia and more supple in the flex area for excellent pressure distribution without hindering flex.

2. Opened ankle area
   For ideal morphological adaptation regardless of the size and shape of the bones.

NON-THERMOFORMABLE ZONES

3. Asymmetrical and rigid cuff
   Distributes pressure for instantaneous transmission of efforts.

4. Watertight gusset

5. Specific cuts
   For women and men to avoid pressure points on the lower calf.

6. More supple zones
   Allow for easy entry/exit of the boot.

7. Forefoot
   The space in front of the metatarsal is not thermoformable, which allows the toes to move freely.

PUTTING THE BOOT ON

1. When thermoforming, you should only use ski socks that have the following characteristics:
   - socks that go higher than the top of the boot,
   - socks with at least 45% wool.

Warning: Normal, low-cut socks could cause skin reactions to the heating process.

2. Remove the boots from the machine.

3. Close the hood.

4. The machine is now available for thermoforming another pair of boots.

5. Open the boot buckles.

6. The boots must be put on immediately following the end of the 15 min heating cycle.

7. Close the buckles with medium pressure, not too tight (fig. 2).

8. Close the strap more firmly.

9. Tap the heel on the floor to make a good impression of the Achilles' heel.

10. Wait 10 min in a standing position.
    If you feel any discomfort whatsoever when stepping-in, take your boots off immediately.

11. Remove the boots.

PRACTICAL ADVICE

› Salomon recommends that no CustomFit liner be thermoformed more than three times.

› To optimize the results of the thermoforming process, it is recommended that you make several flex movements during the 10 minute cooling process to simulate the anklebone movements when skiing.

› It is recommended to wait 1/2 hour before skiing with the boots, to allow for complete stabilization of the thermoformed liner.

Drying with a machine

When drying the CustomFit liners with a drying machine, it is important to respect the drying time recommended by the manufacturer and that the temperature not exceed 40°C.

Before using the machine for the first time, return the guarantee card to your Customer Service Representative.

Follow the instructions for the thermoforming machine closely and pay particular attention to the rules on safety.

To guarantee good thermoforming, we have adapted a thermal sensor to our machines. If something is abnormal during the heating process, the machine will work alternately. If this is the case, contact the customer service in your country. Do not take the machine apart.

This machine is for exclusive use with Salomon CUSTOMFIT liners. Any other use is forbidden.

PREPARING FOR USE

(fig. 1)

1. Remove the machine from its box and place it on a flat surface. Verify that the voltage used is the same as indicated on the machine.

2. Lift the hood.

3. Lift the nozzles using the handles provided.

4. Close the boot's buckles and slide the boots onto the nozzles. Make sure that the top edge of the boot touches the obturator.

Important: Any insoles used other than the ones received in the boots at the time of purchase should be removed before the heating procedure begins. Re-install them after heating to mold the liners.

5. After having read and understood the machine's instructions, especially those on safety, you can now plug the machine in.

STARTING THE MACHINE

Set the timer for 15 mins.

Warning: For optimal results, it is important that:
   - the heating process lasts 15 minutes. Using the machine for more than 15 mins can damage the liner.
   - operate the machine with both boots in place.

THERMOFORMING MACHINE

Drying with a machine

When drying the CustomFit liners with a drying machine, it is important to respect the drying time recommended by the manufacturer and that the temperature not exceed 40°C.
**CUSTOMIZATION**

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**XALP LINER CUSTOM FIT**

Use thermoforming machine with 5 minutes of heating.

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**CUSTOM FIT**

1. Check that surelock mechanism is closed on downhill position in order to avoid any liner damage during Custom Fit process:

2. Remove the liner from the shell
3. Remove insoles from the liner
4. Put the liner in the Custom Shell oven 5 minutes at 100°C maximum (preferably already heated).

5. At the end of the 5 minutes, add insoles (original, custom or orthopedic) in the liner and put them into the shell:
   a. Take care to respect the right liner in right shell and vice versa (liner aren’t marked but differentiated only by the shape of the sole).
   b. Advice : make one foot after the other (preserve the liner not yet achieved in the oven).

6. Put the client, taking good care to push the client’s heel all the way down to the liner to correctly set the heel to the bottom and thus do not create bends.

7. Close the shell and the cuff with buckles and making sure that the surelock mechanism is closed on downhill position.

8. Provide a clamping adapted, according to the morphology of the worked foot.

9. Cool down 15 minutes at room temperature and in natural standing position without exaggerating the bending on the front.

---

**Warning ! remove the integrated battery from the liner before Custom Fit process**

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*summary <<<*
Can the shell change forms several times?
As many times as you want! The wider the foot, the more the shell will expand. But it won’t come back...

From what foot width will the Custom Shell be useful?
In size 26, from last 100 or 102 mm, the customer will feel a real difference. The Custom Shell is also useful for thinner feet in order to reposition the foot even if the change is not measurable on the shell.

What is the maximum width the shell can expand to?
Up to 6 mm with the push of the foot only.

What is the advantage compared to normal bootfitting?
Here, it is the foot which changes the shell, there is no more risk of misinterpretation, the precision is perfect. Also, this process saves time (30 min. to do everything & the customer leaves with his/her boots) and an easier manipulation (every KOTF can do it).

Should the custom soles be done before or after?
Mold the soles before. The customer should then step in the warmed Custom Shell with the insoles.

Should other areas of the shell be changed before or after?
A modification of the metatarsus's area can affect the positioning of the foot. First, the Custom Shell should be complete. Then, the areas of the toes, ankles, and navicular bone... can be changed as usual, though avoid pushing on the borders of the Custom Shell insert.

Can I push in the Custom Shell area with my bootfitting machine?
Yes, but it is not recommended. Since the Custom Shell material has not been created to resist to a push that is superior the foot’s push, avoid the side areas of the insert.

Does the plastic retract the same as normal boots when cooled?
Yes, but two times less than normal plastic: approximately 25% after the boots have been taken out (a shell pushed out 4mm could come back to 3 mm).

What is the benefit of Custom Shell versus the Custom Fit? Should you do it before or after?
The work done on the shell must be done before. This will solve problems and last over time. The molding of the liner must be done after in order to put the finishing touches on the fit.

How many years of R&D did it take to develop the Custom Shell technology?
3 years.

Which is the impact of the new material on the performance of the boot?
There is no effect because the material has the same PU base as a normal boot. The boot has exactly the same behavior on snow. On the other hand, once a boot is fit with the Custom Shell, precision is increased.

If a customer wants an injected liner, should it be done before or after?
In general, injection is done before work on the shell.

I usually put normal boots in the oven, how is Custom Shell different?
The normal plastic is going to change very little and comes back to the original position more often. The deformation is thus quite low.

Why is Custom Shell not used in World Cup?
In World Cup races, one person is dedicated to each racer; everything is done by hand and each pair is adapted to each discipline. Then you could say having Custom Shell is like having your own race technician!

FAQ CUSTOM SHELL
**BOOT PADS**

**WTR TECHNOLOGY**

WTR stands for Walk To Ride technology which is a rubber sole and a rockered toe with specific contact zones for binding release. They follow ISO9523 and work safely with following bindings:

- Touring bindings compliant with ISO13992
- WTR and MNC certified bindings

**TWO REFERENCES OF WTR WALK SOLES PADS ARE EXISTING:**

- **L38004100 - WTR Walk Soles:** without Lowtech Insert
- **L35521500 - WTR Walk Soles+:** with Lowtech Insert

These walk soles pads are compatible with following boots: XPro, Quest Access.

**TOURING PADS**

These are full rubber soles with a rockered toe. They follow ISO9523 and work safely with following bindings:

- Touring bindings compliant with ISO13992
- MNC certified bindings

**TWO REFERENCES OF TOURING PADS ARE EXISTING:**

- **L39176300 - Touring Pads:** without Lowtech Insert
- **L39176600 - Touring Pads+:** with Lowtech Insert

These walk soles pads are compatible with following boots: QST Pro.

**ALPINE DIN**

These are the traditional flatter alpine soles without rubber. They follow ISO5355 and work safely with traditional alpine bindings following ISO9462. They also work safely with WTR and MNC bindings certified.

**INTERCHANGABLE SOLE PADS**

**MULTI NORM CERTIFIED**

Maximum convenience with all the boot norms, with guaranteed safety and skiing performance.

**WTR TECHNOLOGY**

Makes walking easier with no compromise on safety or performance due to the TUV approved walk sole compatibility.
CANTABLE DIN PADS
Cantable alpine pads are not compliant to ISO5355 and must be bringing before using to reach the alpine norm and to fit into the binding.
Grinding should be done as well on the top and on the bottom of the front and rear cantable pad with the same angle in order to guarantee surfaces parallelism.
Grinding on the top and the bottom surface should not go over the reference line marked on the cantable alpine pads which allow an angle from 0 to 1.5°.

TWO REFERENCES OF ALPINE DIN ARE EXISTING DEPENDING OF THE CONCERNED BOOT MODEL :
► L36225400: XPro - Quest Access - Quest Max - Quest Pro - Ghost Max
► L391764000: QST Pro

SOLE PADS CHANGING PROCEDURE
Sole pads references mentioned above are removable and should be replaced if excessively worn and/or damaged.
Salomon guarantees the soles for their disassembling and reassembling, up to a maximum of 10 times subject to strict compliance with the following instructions:
► Use only a manual screw driver
► Unscrew the 7 screws and remove them from the sole
► Remove the rear and front sole
► Push them forward towards the front / rear of the shell and screw until you feel an increased resistance in the torque to reach a torque value about 1.5Nm

RENTAL PLATE REPLACEMENT
To replace a rental plate:
► Remove the liner from the shell
► Drill the 2 rivet’s head with a driller diameter 6mm in order to remove the defective plate
► Replace the new rental plate with screws et inserts supplied with the spare part
Available as spare part, the complete hybrid closure system can be replaced as described below.

Two sizes of hybrid closure systems are available with a different cable length according boot sizes:
- Boot size from 23 to 24.5: Size S
- Boot size from 25 to 26.5: Size M
- Boot size from 27 to 28.5: Size L
- Boot size from 29 to 30.5: Size XL

REPLACEMENT PROCESS:
1. Remove the liner from the shell and go down the gaiter inside the shell (in order to avoid any damage during the replacement of the skiwalk system)
2. Drill the 4 rivets of the skiwalk system with a 5mm diameter driller (fig. 1)
3. Remove the skiwalk lever with a 3mm pipe rod and a hammer (fig. 2)
4. Remove the complete skiwalk system
5. Set up the new skiwalk cable with screws and inserts by using a 3mm Allen wrench and a 3mm pipe + hammer for the skiwalk lever axle (fig. 3):
   > Take care there are two insert lengths:
     - Short length: for the loops
     - Long length: for the cable
   > Take care there are two kind of screws:
     - Conic screw: for the loops
     - Flat head screw: for the cable
**X LAB**

- **WORLD CUP CLAW STRAP**
  - Increases cuff fastening: a more powerful fastening for a better envelopment than a traditional strap.
  - More reliable: it can't open while flexing the boot (both before and during the curve).
- **BACK BONE**
  - Increases the junction between cuff & shell for flex management in a forward position: entering the curve, increasing power on skis.
  - Provide support and power to skiers in a rear position while getting out of the curve (rebound effect): the more powerful the rebound the more back support you need to control your skis.

- **OVERSIZE PIVOT**
  Oversize pivot is screwed and could be disassembly in order to take out the cuff from the shell for bootfiting.
  A specific key is provided with the boot for this operation.
  For reassembly, the oversize pivot should be tight at 5.5 Nm torque value.

- **CANTING**
  Canting could be adjusted by following operations by an approved Salomon technician:
  - Internal boot sole grinding (fig. 1)
  - Chassis grinding which should be conform to the ISO 5355 after the operation

**RACING KIT**

- **Rear spoiler (fig. 2):**
  The rear spoiler (from the performance kit) increases rear support (with 3 height settings) and forward lean by + 2°.
  - Choose the desired height and attach using the screw provided, in the pre-drilled hole.
- **3 and 5mm Lifters :** available to be compliant with the ISO 5355 standard after shell grinding
- **Softening the boot (fig. 3):**
  Two methods exist to soften the boot:
  - The reversible method:
    Remove the canting lock screws. Insert the plugs provided in the holes.
  - The non reversible method:
    This involves cutting out the marked “V” shape in the lower shell and should be performed by your specialised Salomon dealer.

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**ADJUSTMENTS AND PERSONALIZATION**

1. **My custom fit World Cup liner**
2. **World cup claw strap 45mm**
3. **PU either lower shell and cuff**
4. **Oversized pivot**
BOOT CONCEPTS

X MAX RACE / X MAX / X MAX LC

ADJUSTABLE MICRO BUCKLE (FIG. 1)
Fine-tune the adjustment by turning the buckle to the desired fit.

ADJUSTABLE BUCKLE TEETH (FIG. 2)
Offers a greater range of lower leg adjustment (+/- 20 mm).
- Loosen the screw with a 3mm Allen wrench.
- Tighten the screw and buckle teeth in the new position.

3D BUCKLE (FIG. 3)
The 3D buckle adjustment allows the position of the instep buckle to be changed for personalised foot hold:
- Unscrew the buckle with a 3 mm Allen wrench.
- Position the buckle over the plastic lug on the shell.
- Tighten in the alternate position.

OVERSIZE PIVOT ON XMAX 120 (FIG. 4)
Oversize pivot on XMAX 130 is screwed and could be disassembly in order to take out the cuff from the shell for bootfiting.
A specific key is provided with the boot for this operation.
For reassembly, the oversize pivot should be tight at 5,5 Nm torque value.

TECHNICAL DESCRIPTION

XMAX 120
Energyzer 120
1. My CustomFit 3D Race liner with 2 loops
2. World Cup claw strap
3. PU/PA lower shell & PU cuff
4. Oversized Pivot
5. 360° Custom Shell

FEATURES ACCORDING TO DIFFERENT MODELS

ADJUSTMENTS AND PERSONALIZATION

1. My CustomFit 3D Race liner with 2 loops
2. World Cup claw strap
3. PU/PA lower shell & PU cuff
4. Oversized Pivot
5. 360° Custom Shell

1 2 3 4 5
CANTING
Canting could be adjusted by following operations by an approved Salomon technician:
- Internal boot sole grinding (fig. 5)
- Chassis grinding which should be conform to the ISO 5355 after the operation

BACKBONE SCREW ADJUSTMENT
- Take out the liner
- Drill the hole in the backbone screw (6.2mm)
- Dismount screw and backbone
- Dismount internal and external canting
- Take out the cuff
- Drill the shell (8.2mm)
- Push in the insert into the shell
- Mount cuff / canting / backbone + screw
- Screwed the tall screw.

RACING KIT

> Shin plate (fig. 9):

LIFTERS ON XMAX 120 AND 100
4mm lifters are removable and should be replaced if excessively worn and/or damaged.
Salomon guarantees the lifters for their disassembling and reassembling, up to a maximum of 5 times subject to strict compliance with the following instructions:
Use only a manual screw driver
Unscrew the 12 screws and remove them from the lifter.
Remove the rear and front sole.
Push them forward towards the front of the shell and rescrew until you feel an increased resistance in the torque to reach a torque value about 0.8Nm maximum as mentioned on the lifters (fig. 7).

> Rear spoiler (fig. 10):
The rear spoiler (from the performance kit) increases rear support (with 3 height settings) and forward lean by +2°.
- Choose the desired height and attach using the screw provided, in the pre-drilled hole.

> Delta H lift (fig. 11):
The 4mm heel lift (from the performance kit) can be used to improve instep/heel hold and put the skiers weight forward for faster initiation.
- Remove the liner and position the wedge in the hole provided in the rear of the Custom Sole.

> Softening the boot (fig. 12):
Two methods exist to soften the boot:
- The reversible method:
  Remove the canting lock screws. Insert the plugs provided in the holes.
- The non reversible method:
  This involves cutting out the marked “V” shape in the lower shell and should be performed by your specialised Salomon dealer.

BACK BONE
- Increases the junction between cuff & shell for flex management in a forward position: entering the curve, increasing power on skis.
- Provide support and power to skiers in a rear position while getting out of the curve (rebound effect): the more powerful the rebound the more back support you need to control your skis.
X PRO

CUSTOM SHELL 360° INCLUDING CUFF
maximized customizable areas. Complete wrapping without pressure points. Dynamic fit enhance.

CUSTOMFIT 3D
Thermoformable inserts around ankle & heel. Solve instant pressure points around ankle & heel.

OVERSIZED PIVOT
Reduces play for precision & direct transmission. Twinframe technology: the right rigidity where it’s needed.

FLEX ADJUSTER (fig. 1 & 2)
Boost flex allow to manage flex by turning the plate from sport initial position to perf position (which is increasing the flex in this position)

3D BUCKLE (fig. 3)
The 3D buckle adjustment allows the position of the instep buckle to be changed for personalized foot hold:
  • Unscrew the buckle with a 3 mm Allen wrench.
  • Position the buckle over the plastic lug on the shell.
  • Tighten in the alternate position.

ADJUSTMENTS AND PERSONALIZATION

X PRO 120
1. 360° 45mm strap
2. 4 micro alu buckles
3. Articulated sensifit
4. 360° Custom Shell
5. 24mm oversized pivot
6. Flex adjuster
7. My CustomFit 3D Race liner

FEATURES ACCORDING TO DIFFERENT MODELS

summary <<<
**BOOT CONCEPTS**

## X ACCESS

### TECHNICAL DESCRIPTION

**X ACCESS 90**

1. Flex liner Sport+
2. Ratchet buckle
3. Calf adjuster
4. 24mm oversized pivot

### FEATURES ACCORDING TO DIFFERENT MODELS

### ADJUSTMENTS AND PERSONALIZATION

#### ADJUSTABLE MICRO BUCKLE

Fine-tune the adjustment by turning the buckle to the desired fit

#### CALF ADJUSTMENT (ALL X-ACCESS RANGE)

Only one screw turn to enlarge the upper cuff up to 1cm to fit all legs shapes easily and quickly. Women cuff opening is adjustable. Cuff is delivered with opened position which allows a large volume for calf. It is possible to reduce the calf volume by turning the screw present on the cuff.

### XACCESS 90 RATCHET BUCKLE
QST PRO

ADJUSTMENTS AND PERSONALIZATION

3D STRAP:
The 3D strap adjustment allows the position of the instep buckle to be changed for personalized foot hold:
- Unscrew the tooth plate with a 3mm allen wrench (fig.1)
- Remove the screw insert
- Position the tooth plate and screw insert on the alternate position (fig.2)
- Tighten in the alternate position
OVERSIZE PIVOT
Oversize pivot on QST PRO 130 is screwed and could be disassembly in order to remove the cuff from the shell for bootfiting.
A specific key is provided with the boot for this operation. For reassembly, the oversize pivot should be tight at 5.5Nm torque value.

CANTABLE ALPINE PADS
A QST Pro specific cantable alpine pads is available as spare part.
Warning: cantable alpine pads are not compliant to ISO 5355 and must be grinding before using to reach the norm. Grinding should be done as well on the top and on the bottom of the alpine pad with the same angle in order to guarantee surfaces parallelism.

Grinding on top and bottom surface should not go over the reference line marked on cantable alpine pads which allow an angle from 0 to 1.5°.

SURLOCK MECHANISM:
To switch from a walking mode to a downhill mode (fig.3).

REAR SPOILER:
A rear calf is available as spare part to increase rear support and forward lean by +2°. It should be fixed on the liner scratch area.

ENDOFIT TONGUE:
To remove the liner from the shell, open the liner pocket in order to take off the velcro from endofit tongue (fig.4). Realize the operation on the opposite side to put back the liner on the right position with endofit tongue (fig.5).

SHELL INSERTS FOR SCREW’S PADS – AVAILABLE AS SPARE PARTS (REF L39802700)

> Remove the defective insert:
Screw 2/3 threads on the insert
Hit the screw with a hammer in order to remove the insert
Realize the same operations for other inserts (fig.6)

> Replace the defective insert:
Place the new insert inside the boot and in front of the hole
Take a washer (1mm thickness and large enough compared to the hole)
Screw into the insert until the right positioning of the insert
Realize the same operations for other inserts (fig.7)
**S/LAB X-ALP**

**TECHNICAL DESCRIPTION**

1. Full Thermo Ultralight liner
2. S-Lab claw strap
3. Ultralight alu buckles with spring on the first
4. Carbon rotating cuff
5. Contagrip rubber sole

**FEATURES ACCORDING TO DIFFERENT MODELS**

---

**ADJUSTMENTS AND PERSONALIZATION**

**3D STRAP**

The 3D strap adjustment allows the position of the instep buckle to be changed for personalized foot hold:
- Unscrew the tooth plate with a 3mm allen wrench (fig.1)
- Remove the screw insert
- Position the tooth plate and screw insert on the alternate position (fig.2)
- Tighten in the alternate position

**WINTER CONTAGRIP RUBBER SOLE (fig.3)**

This touring full rubber sole is not compliant with ISO 9523 and by the way is not compatible with ISO 13992 touring binding norm and “MNC technology” binding. XAlp boot range is designed to work only with “Low Tech” type binding. Contagrip rubber sole is available as spare part and can be glued by a specialist shop.
SURLOCK MECHANISM (fig.4)
To switch from a walking mode to a downhill mode.

LEASH LOOP (fig.5)
Leash Loop to allow leash connection between boot and binding when this one is not equipped with stop skis.

CRAMPON WARNING (fig.6)
XAlp boots must be used with crampons comprising a link between the front caliper and the safety strap on the instep.

XALP CUSTOM FIT LINER (fig.7)
Use Thermoforming machine with 5 minutes heating.
Warning! Over-heating can damage the liner.
S/LAB MTN & MTN EXPLORE MEN & WOMEN

ADJUSTMENTS AND PERSONALIZATION

WINTER CONTAGRIP SOLE
(Fig. 1)
Full rubber sole Touring Norm ISO9523 compatible with ISO 13992 touring binding norm and “MNC technology” binding. Not allowed to work with “WTR technology” binding and ISO 9462 alpine binding norm. Contagrip rubber sole is available as spare part and can be glued by a specialist shop.

LEASH LOOP (Fig. 2)
Leash Loop to allow leash connection between boot and binding when this one is not equipped with stop skis.

TOOTH PLATE (Fig. 3)
Specific tooth for walking mode.

WATERPROOF GUSSET
To guarantee a perfect waterproofness of the boot.

SURELOCK MECHANISM (Fig. 4)
To switch from a walking mode to a downhill mode.

CANTING (Fig. 5)
The oversize pivot doesn't stand for canting adjustment. Canting could be adjusted by internal boot sole grinding.
**BOOT CONCEPTS**

**GHOST FS**

The 3D buckle adjustment allows the position of the instep buckle to be changed for personalized foot hold:
- Unscrew the buckle with a 3 mm Allen wrench.
- Position the buckle over the plastic lug on the shell.
- Tighten in the alternate position.

**TECHNICAL DESCRIPTION**

**GHOST FS 100**
1. SCS tongue
2. 50mm strap
3. Oversized Magnesium buckle
4. 24mm screwed oversized pivot
5. Extra padded spoiler

**FEATURES ACCORDING TO DIFFERENT MODELS**

**ADJUSTMENTS AND PERSONALIZATION**

**3D BUCKLE**

The 3D buckle adjustment allows the position of the instep buckle to be changed for personalized foot hold:
- Unscrew the buckle with a 3 mm Allen wrench.
- Position the buckle over the plastic lug on the shell.
- Tighten in the alternate position.
X PRO and QST ACCESS CUSTOM HEAT

CUSTOM HEAT LINER TECHNOLOGY
- Heating technology that guarantees warmth for 4-18 hours depending on the warmth position
- Integrated battery into the liner
- 3 warmth positions for customized comfort (fig. 1).

TECHNICAL DESCRIPTION

QUEST ACCESS CUSTOM HEAT W
1. 50mm strap
2. Ratchet buckle
3. 24 mm oversized pivot
4. Backbone
5. My Customfit Sport liner + wool metal

ADJUSTMENTS AND PERSONALIZATION
Custom Heat liner description (fig. 2):
- 1.1 Heating indicator light
- 1.2 Function keys +/-
- 1.3 Liner Custom Heat connector
- 1.4 Connector liner Custom Heat
- 1.5 Pouch of charging plug access
- 1.6 Pouch of batteries
- 1.7 Lithium-ion “Dual” batteries
  3.7V/2600mAh

Charger description (fig. 2):
- 2.1 Power supply with rack adapter
- 2.2 Battery charge indicator
- 2.3 Charger cord with plugs

Battery warranty policy:
The battery is excluded from general Salomon warranty.

Custom Heat battery and charger after-market components can be supplied by Thermi-ic.

Contact: THERM-IC INTERNATIONAL - STC Distribution
GmbHTriesterstrasse 1798073 Feldkirchen bei GrazAustria
Tel: +43 316 243793 0
Fax: +43 316 243793 10
info@therm-ic.com

summary <<<
QST ACCESS / QST ACCESS T

TECHNICAL DESCRIPTION

QUEST ACCESS 90

1. 35 mm strap
2. Removable pads
3. Single canting
4. backbone
5. Micro alu buckle + ratchet
6. Wool metal + My Custom Fit sport liner

FEATURES ACCORDING TO DIFFERENT MODELS

ADJUSTMENTS AND PERSONALIZATION

RATCHET BUCKLE
- Micrometric adjustment
- wider range of adjustment 45 mm compared to classic alu
- Maximum conveniency for adjustment
- Easy to “pump” to close the cuff

SLIDE IN LINER TECHNOLOGY
The slide in liner rear part is connected to the cuff by a liner clip.
To remove the slide in liner from the shell, turn off the liner clip with a flat screwdriver as showed :

WALK AND HIKE TECHNOLOGY
To switch from a walking mode to a downhill mode :

summary <<<
A basic knowledge of anatomy of the foot is essential if you are going to understand and solve your customers’ problems and needs since each foot is unique.

1. THE BONES OF THE FOOT

(fig. 1)

A. POSTERIOR TARSUS
1. Calcaneus
2. Talus (Astragalus)
3. Trochlear surface

B. ANTERIOR TARSUS
4. Navicular bone (Tarsal Scaphoid)
5. Cuboid bone
6. 3 cuneiform bones

C. METATARSUS
7. 5 metatarsal bones

D. TOES
8. 14 phalanges

2. DISTORTION OF FOOT WHEN WEIGHTED

(fig. 2)

When the foot is weighted (standing position), it can change in size:
- lengthwise, it can get 5 mm longer,
- widthwise, it can get 12 mm wider.

When the foot is flexed, we notice:
- the circumference of the ankle increases about 2 mm,
- the axis between the talus (astragalus) and calcaneus becomes off-centered which increases the surface area at the base of the foot.

Therefore, to be accurate, feet should be measured when the person is standing with his/her weight distributed on both feet and knees slightly flexed.

3. TYPES OF LEGS

(fig. 3)

Some people naturally have varus or valgus knees. The boot cuff follows the profile of the leg. Therefore, the boot sole forms an angle with the ground (= the ski is not flat).

The ski boots can be adapted to the shape of the leg by canting the cuff. The canting adjustment by canting the cuff allows the boot to follow the morphology of the leg to keep skis flat.
4. TYPES OF FEET
(fig. 4)
A deeper analysis of the customer’s feet is necessary to observe the possible deformations that can become problem areas. Salomon has parts at your disposal that will help you to easily adapt the boots to these deformations.
› High arches:
The skier needs an arch support that can relieve pressure on ‘overloaded’ areas. Arch supports can be attached to the footboards (fig. A).
› Supinated or pronated feet:
This is the deviation of the foot’s vertical axis towards the medial or lateral side, which can lead to problems in the areas of the anklebones, navicular bone or talus. To adapt to this deviation of the foot, it is possible to place wedges directly on the footboard. However, this wedge should only be used if the lateral articulation under the ankle bone is mobile (fig. B).
› High instep:
You can grind the footboard (Falcon and X Wave) to increase the volume. This sole is realized in grindable PU foam. To increase the volume of the boot or to change the position of the foot. Caution, grind on the top surface only. Grinding the base will effect the interface with the Chassis. A depth gauge is marked front and back for even grinding (fig. C).
› Low instep:
The height and inclination of the footboard can be modified by adding:
- heel lifts (fig. D).

5. RECOMMENDATIONS
The modifications that can be made on the Salomon boots should be considered as the ‘final touch’ of personalization. Before undertaking this type of operation, it is important to observe certain basic rules:
- Always proceed step by step, starting with temporary measures before going on to permanent changes.
- If you decide to proceed with the permanent modifications as a last resort, they are entirely your responsibility. They require the proper tools and should be undertaken only for big problems and by experienced specialists. For example:
  - Stretching the shell.
  - Grinding the liner (not recommended for manufactured liners).
  - Grinding the shell. Important: Boots whose lower shell material is not made of Polyurethane (PU), should not be heated (risk of damaging the material).
## Foot Anatomy and Fit

<table>
<thead>
<tr>
<th>Problems</th>
<th>Causes</th>
<th>Solutions</th>
</tr>
</thead>
</table>
| **First Metatarsal Pressure**  
(medial side of the forefoot) | Shell too narrow.  
Prominent first metatarsal. | Solutions all products:  
› Stick adhesive foam around the first metatarsal on the medial side of the liner (fig. A).  
› Stretch the shell locally with a heat gun* and other tools designed for this purpose (such as SIDAS) (except Symbio and Rear Entry).  
**X Wave, Ellipse, Performa:** Be careful not to overheat the Sensifit or instep gusset of the boot during the heating operation (there is a risk of deforming it due to how thin this part is). |
| **Fifth Metatarsal Pressure**  
(lateral side of the forefoot) | Shell (or liner) too narrow.  
Prominent fifth metatarsal. | Solutions all products:  
› Remove the insole (increases volume).  
› Stick adhesive foam around the painful area to dissipate the pressure (fig. B).  
› Stretch the shell locally using a heat gun* and other tools designed for this purpose (such as SIDAS) (except Symbio and Rear Entry).  
**X Wave, Performa:** Be careful not to overheat the Sensifit or the instep gusset of the boot during the heating operation (there is a risk of deforming it due to how thin this part is). |
| **Anklebone Pressure**  
Pain/pressure behind one or both ankle bones. | Prominent medial and lateral ankle bones.  
Heel shape. | Solutions for Falcon, X Wave, Performa:  
Special precautions are required when stretching the shell:  
› Heat* the inside and outside of the cuff and lower shell simultaneously (so that both will be at the same temperature despite their different thicknesses and layers).  
› Place the stretching device on the inside, close the boot during the stretching operation, and proceed with very small successive degrees of stretching to avoid creating a space between the cuff and the shell.  
**Falcon and X Wave:** Be careful not to heat the metal parts (there is a risk of damaging the plastic).  
Solutions for Rear-Entry models:  
› Remove the insole to increase the volume.  
› Stick a C-shaped foam pad in the area around the ankle bones (on the liner) (fig. C).  
› Remove some foam from the liner in the area around the ankle bones.  
› Add shims to blue heel envelopment plate. |
| **Heel Pressure** | Lack of room in the boot.  
Prominent calcaneus (exostosis). | Solutions all products:  
› Stick a chevron (foam pad in the form of an inverted V) above the calcaneus to push the foot forward in the shell and reduce the pressure on the heel (fig. D).  
› It is possible to remove some PU from both sides of the Achilles tendon on the cuff (grinding) and/or on the lower shell (Falcon, X Wave, Ellipse and Performa). |

*Caution: The boots whose lower shells aren’t made of Polyurethane (PU) must not be stretched with heat (there is a risk of damaging the material).
# Foot Anatomy and Fit

## Problems

<table>
<thead>
<tr>
<th>PROBLEMS</th>
<th>CAUSES</th>
<th>SOLUTIONS all products:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heel Movement</strong></td>
<td>Very narrow heel. Achilles tendon axis very hollow. Thin ankle.</td>
<td>Solutions all products:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Stick a chevron above the calcaneus on the liner (fig. E).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Stick an L-shaped piece of foam under each ankle bone (for better grip).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Add a shim to the top of the liner (forward position that pushes the foot backward in the boot and increases pressure on the heel).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Use a thicker insole.</td>
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<tr>
<td></td>
<td></td>
<td>&gt; Add a shim under the footboard.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Add heel lifts (fig. F).</td>
</tr>
<tr>
<td><strong>Insulation and Numbness</strong></td>
<td>Cold, numb feet. Poor blood circulation caused by pressure on the blood vessels/nerves. Poor foothold distribution (especially with children).</td>
<td>Solutions all products:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Make sure the adjustments are not too tight.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Remove the insoles from the liners.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Add a small arch support and varus wedge (or a shim on the inside of the heel under the footboard from the performance series).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Grind the footboard.</td>
</tr>
<tr>
<td><strong>Cramps</strong></td>
<td>Pronounced arch, high instep or flat foot. Pronated foot. Thick lower leg.</td>
<td>Solutions all products (fig. H):</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Add or remove the arch support.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Add an insole or propose a custom insole.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Remove all shims under the footboard.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Modify the angle of the forward lean to distribute the skier’s weight differently.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Grind the footboard.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Grinding the Custom Sole:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; To increase the volume of the boot or to change the position of the foot. Caution, grind on the top surface only. Grinding the base will affect the interface with the Chassis. A depth gauge is marked front and back for even grinding.</td>
</tr>
<tr>
<td><strong>Shin Bite</strong></td>
<td>Lack of pressure distribution.</td>
<td>Falcon (fig. I):</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; Add a shin wedge on the cuff (choose the mounting position according to the height of the skier).</td>
</tr>
</tbody>
</table>

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summary <<<
ACTIVE PROTECTIVE

HELMET

GOGGLE

POLE

BACK PROTECTION
HELMET
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

<table>
<thead>
<tr>
<th>CE-EN1077</th>
<th>ASTM F2040</th>
<th>CE-EN12492</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helmets for alpine skiers and for snowboarders (Non motorized winter sports)</td>
<td>helmets for recreational snow sports (Non motorized winter sports)</td>
<td>Alpine climbing standard on selected helmets (non motorized winter sports)</td>
</tr>
</tbody>
</table>

All Salomon helmets respect this standard

HEAD MEASURER

WARNING
Salomon 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.
Salomon 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).
# HOW TO CHOOSE THE RIGHT HELMET

**Simple Intuitive Salomon Expertise**  
Easy to buy for retailers  
Easy to choose for consumers

## Sizing Chart

### Adults

<table>
<thead>
<tr>
<th>Adults</th>
<th>Fit &amp; Sizing</th>
<th>XXS</th>
<th>XS</th>
<th>S</th>
<th>M</th>
<th>L</th>
<th>XL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X RACE SL Lab</td>
<td>(53 - 54.5)</td>
<td>(55 - 56)</td>
<td>(55 - 58)</td>
<td>(58 - 62)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ranger+ Core+</td>
<td>(53 - 54)</td>
<td>(56 - 58)</td>
<td>(58 - 62)</td>
<td>(60 - 62)</td>
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<tr>
<td></td>
<td>Ranger+ Core+</td>
<td>(53 - 54)</td>
<td>(56 - 58)</td>
<td>(58 - 62)</td>
<td>(60 - 62)</td>
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<tr>
<td></td>
<td>Driver+ Turner</td>
<td>(53 - 54)</td>
<td>(56 - 58)</td>
<td>(58 - 62)</td>
<td>(60 - 62)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ranger+ Core+</td>
<td>(53 - 54)</td>
<td>(56 - 58)</td>
<td>(58 - 62)</td>
<td>(60 - 62)</td>
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</tbody>
</table>

### Juniors & Rental

<table>
<thead>
<tr>
<th>Juniors &amp; Rental</th>
<th>Fit &amp; Sizing</th>
<th>S</th>
<th>M</th>
<th>L</th>
<th>XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kids Grom</td>
<td>Kids S</td>
<td>(49 - 53)</td>
<td>(53 - 56)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kids Grom Visor</td>
<td>Kids M</td>
<td>(53 - 58)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X RACE JR</td>
<td>JR S</td>
<td>(51 - 55)</td>
<td>(55 - 58)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JB Audio</td>
<td>JR M</td>
<td>(55 - 58)</td>
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<tr>
<td>Rental</td>
<td>S</td>
<td>(51 - 55)</td>
<td>(55 - 58)</td>
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<tr>
<td>JB Rental</td>
<td>L</td>
<td>(58 - 62)</td>
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</tbody>
</table>

*Only available for Ranger+ Core+ & Ranger+ Core+.*
HELMET ADJUSTEMENT

The helmet must be properly positioned on, and adjusted to the user’s head to ensure maximum comfort and protection and be free of any pressure points. The helmet should sit firmly against the forehead and not slip down over the eyebrows.

Adjust the chinstrap firmly beneath the chin and fasten the buckle (fig. 1). Try to move the helmet with both hands from left to right. If the helmet fits correctly, the skin on your forehead should move gently with the helmet (fig. 2).

VISOR INTERCHANGEABILITY

HOW TO CHOOSE THE RIGHT HELMET

HELMET VISOR ADJUSTMENT

Position the helmet visor on your head, not too far forward nor too far back.

BUCKET

Close the buckle under your chin until you hear a click sound.

VISOR FILTER CATEGORY

FILTER CATEGORY

All Salomon lenses, whatever their colour, filter out 100% of UV rays and increase the contrast for unbeatable vision quality. For any additional information on lenses, please refer to the Goggles section on www.salomon.com

MAINTENANCE

WE ADVISE YOU TO GIVE INSTRUCTIONS OF USE TO ANY CUSTOMER BUYING A HELMET.

STORAGE

Helmet must be kept away from all sources of heat. Never expose an helmet to over 40°C. Extended exposure to fierce sunlight may weaken various plastic materials. These conditions often occur within a car parked in the sun.

CLEANING OF YOUR HELMET

1/ External shell: Use only soap and water. Do not use gasoline or any other solvent/chemical substances.

2/ Lining & Ear pads

CLEANING OF YOUR VISOR

To clean the lens, use soapy water and rinse it under a stream of lukewarm water. Leave it to dry naturally and wipe with a soft cloth. Do not use alcohol, detergents or solvents. These Salomon visors feature an anti-fog treatment. The inside face of the lens is scratch sensitive and should be treated with caution. Please avoid wiping it. Snow which has penetrated the visor should only be shaken out.

UPKEEP

Do not modify your helmet. Do not put varnish or any coloring products on your helmet. Do not cut the ends of the straps. Only use the included stickers on your helmet.

SERVICING

Inspect your helmet regularly. If you remark any sign of deformation or damage, replace your helmet. Do not hesitate to show your helmet to a Salomon dealer or contact our customer service department.

REPLACEMENT - WARNING!

This helmet was designed to absorb shocks by deformation or destruction. If your helmet has been subjected to a forceful shock, or involved in an accident, it should be destroyed and replaced even if there is no visible damage because interior damage can occur that weakens the helmet. SALOMON Recommends not use a helmet more than 5 years from the date of manufacture (month/year appears on the sticker inside the helmet).
HELMET TECHNOLOGIES

FIT

CUSTOM AIR
Adjustable air system for a perfect fit

CUSTOM DIAL
Adjustable fit system for easy and quick adjustments

PROTECTION

EPS 4D
The exclusive EPS liner construction which provides superior shock absorption in both direct and indirect impacts

EPS
Our standard liner construction that absorbs shocks

SHELL CONSTRUCTION

TWINSHELL CONSTRUCTION
A lightweight in-mold shell mounted on a durable injected basis offering a brand new airflow ventilation system

IN-MOLD SHELL CONSTRUCTION
A lightweight helmet with an EPS liner to maximize protection and comfort

INJECTED SHELL CONSTRUCTION
Uses an injection molded ABS shell for unmatched durability and impact resistance

VENTILATION

THERMO CONTROL SYSTEM
All the best climate control technologies available on the market

TWIN SHELL CONCEPT
Connects the lower injected shell vents and oversized internal EPS channels to increase airflow in all conditions

ACTIVE VENTILATION
Allows you to modify the amount of airflow and heat exhaust

AIRFLOW CONCEPT
Strategically placed vents maximizes airflow and heat exhaustion in all conditions

summary <<<
Warning:
For use with Salomon snowsports helmets only. Headphones used in snowsports may cause the skier/rider to not hear other skiers/riders. This can lead to an accident and possible injury or death. Always stay in control. Skiers/Riders downhill from you always have priority, so it’s your priority to make sure you avoid them. Headphones will also restrict your ability to hear what your edge/edges are doing on the snow and may distract you. They may distract you from focusing on skiing or riding safely which may lead to less control.

Care and handling:
The earpad sound system is built to handle cold, snowy conditions. However, this system is not waterproof. Do not submerge the Earpad or cord in water or any other liquid. Do not attempt to clean or to disinfect your helmet with the earpad sound system installed.

COMPATIBLE AUDIO SYSTEM

Audio system compatible for BRIGADE, BRIGADE AUDIO, VENOM, JIB KIANA. A pocket inside the removable earpad allows you to insert an audio system of your choice.
SALOMON GOGGLES PROTECT THE EYES FROM WIND, COLD, SNOW, AND MOST IMPORTANTLY, THE SUN. SUNLIGHT IS MADE UP OF THREE TYPES OF RAYS: ULTRAVIOLET, VISIBLE LIGHT, AND INFRARED.

ALL SALOMON LENSES FILTER 100% OF THE SUN’S UV RAYS, FOR COMPLETE EYE PROTECTION. Salomon lenses all pass the European Standard (CE EN174:2001), indicating a safe level of sun protection. All Salomon lenses are tested in external certified labs, in-house labs, and in the field to assure that they meet Salomon standards for scratch resistance, adhesion, durability and longevity.

GOGGLE
SALOMON OPTICAL EXPERTISE

OPTICAL QUALITY GUARANTEE

GOOD TO KNOW
Salomon lenses have extra lens durability thanks to:
• TRI-TECH: new generation of anti-static, hydrophobic and oleophobic coating improves its intrinsic qualities, without altering the color or tint, and ensures a super smooth, extremely durable coating. Available on X MAX, XT ONE Multilayer.

COMMON SENSE

CATEGORY AND VISIBLE LIGHT TRANSMISSION

<table>
<thead>
<tr>
<th>PROTECTION INDEX OR CATEGORY</th>
<th>VISIBLE LIGHT TRANSMISSION *</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0</td>
<td>80 to 100%</td>
</tr>
<tr>
<td>S1</td>
<td>43 to 80%</td>
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<tr>
<td>S2</td>
<td>18 to 43%</td>
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<tr>
<td>S3</td>
<td>8 to 18%</td>
</tr>
<tr>
<td>S4</td>
<td>3 to 8%</td>
</tr>
</tbody>
</table>

Little to no lens tint. These lenses are best in stormy weather conditions, very low light, or under artificial light (ski domes or in northern countries). They primarily protect against wind, snow and dust.

Lenses with low or light tint, designed to enhance terrain contrast and definition in cloudy and medium (flat) light conditions.

Lenses with medium tint, designed for universal use. These provide the best vision in most conditions, brighten details and increase depth perception. Ideal for flat to moderately sunny conditions.

Fully tinted lenses for use in sunny conditions. They give exceptional visual acuity, color definition and glare protection for bright days and all sunny conditions.

Maximally tinted lenses, typically reserved for use in extremely bright conditions, like glaciers or high altitude in snow. This category is not recommended for driving.

* This refers to the amount of visible light that can pass through a lens. For example a lens with a VLT of 12% allows roughly 12% of visible light to pass through the lens (therefore blocking 88% of visible light).
### LENSES AFTERMARKET

**Salomon Innovative Lens Solution**

**Filtration Color** | **VLT** | **Coating**
--- | --- | ---
DARK GREY | 5% | ML BLUE
GREY | 10% | ML BLACK
GREY | 14% | SILVER MIRROR
GREY | 15% | ML INFRARED
GREY | 15% | ML BLUE
TONIC ORANGE | 17% | MIRROR SILVER
PINK | 18% to 42% | LTS PHOTO ML BLUE
PINK | 18% to 60% | LTS PHOTO ML RED
TONIC ORANGE | 22% | FLASH MIRROR
LIGHT GREY | 27% | ML MID BLUE
ORANGE | 32% | ML MID RED
PINK | 38% | ML RUBY
TONIC ORANGE | 48% | TONIC ORANGE
LIGHT ORANGE | 53% | ML LIGHT BLUE
PINK | 55% | PINK
YELLOW | 68% | FLASH YELLOW
YELLOW | 75% | ML LIGHT YELLOW
CLEAR | 80% | CLEAR

**Summary**

To order correct lens, please just refer to the lens code on goggle.
To order correct lens, please consult the lens code on goggle.
CHANGING LENS SYSTEM

COSMIC

LENS REMOVAL

1. Twist & unclip the 2 ends of the strap from the frame & lens
2. Pull top of the frame to release the central key
3. Pull the lens out of the frame starting by the side (strap clip area)

LENS INSTALLATION

1. First clip the lens into the nose area
2. Now clip the lens into the lateral keys slots, starting at the bottom of frame
3. Clip the upper lens by inserting the central key into the slot
4. Clip the arms of the strap strap into the respected holes of frame & lens
CHANGING LENS SYSTEM

FOUR SEVEN / AKSIUM / IVY / SENSE / TRIGGER / JUKE / KIWI

LENS REMOVAL

① Pull top of frame up and away from lens
② Pull the lens out both sides
③ Pull the lens up and out of the nose area

LENS INSTALLATION

① Plug lens keys starting by the nose
② Guide both sides of the lens in their key holes
③ Clip the upper lens by inserting the keys into the planned slot
CHANGING LENS SYSTEM

X MAX

LENS REMOVAL

1. Unlock side sliders
2. Twist the frame
3. Grab front clips

LENS INSTALLATION

1. Position the lens on the frame, press on clips
2. Lock the 2 sliders
XT ONE / X VIEW

CHANGING LENS SYSTEM

LENS REMOVAL

1. Pull top of frame up and away from lens
   △ Don’t remove the pin
2. Pull the lens out and away from the outrigger and top of frame
3. Pull the lens up and out of the nose area

LENS INSTALLATION

1. Plug lens keys starting by the nose
2. Guide both sides of the lens in their key holes
3. Clip the upper lens by inserting the keys into the planned slot
# USER GUIDE

## MAINTENANCE ADVICE

To clean the lens, use soapy water and rinse it under a stream of lukewarm water. Leave it to dry naturally and wipe with a soft cloth. Do not use alcohol, detergent or solvent. These Salomon goggles feature an anti-fog treatment. The inside face of the lens is scratch sensitive and should be treated with caution. Please avoid wiping it. Snow which has penetrated the goggles should only be shaken out.

## STORAGE ADVICE

When dry, store the goggles in their specially designed cover. After a fall or a long period of non-use, the goggles should be checked for damage to the lens, the frame, the foam or the strap. Do not dry the goggles near a heat source and avoid extreme temperatures (ie not exceeding 50°C).

## USAGE RESTRICTIONS AND ADVICE

These goggles are designed for winter sports activities. They are not an industrial safety product and must not be used in road traffic. They protect against bad weather and UV rays but are not meant to protect against impacts, hazardous rays or chemical substances. To avoid fogging, do not wear the goggles on your forehead. For a better fit, please adjust the goggle strap.

USE OF GOGGLES IMPLIES COMPLIANCE WITH THE INSTRUCTIONS AND THE LIMITATIONS CONTAINED IN THIS GUIDE.
POLE TECHNOLOGIES

ALPINE POLES

CHOOSING YOUR POLE SIZE
- Turn the pole upside down with the tip pointing up.
- Hold the pole right under the basket.
- Your arm will form a right angle (90°) when you have the ideal size.

MAINTENANCE RECOMMENDATIONS
Use a cloth with soap and water to clean the poles. It is prohibited to use chemicals, hot water or pressurized water, gasoline, alcohol, detergents, solvents or aerosols that can permanently damage the plastic materials and erase the cosmetics.

RENTAL POLES
- Salomon designed specific poles for rental adapted to a professional and intense use.
- This warranty will not apply for damages resulting of rental use of poles that was not designed specifically for rental.

MOUNTING THE REPLACEABLE BASKETS
Salomon has made 1 type of replaceable baskets available to you:
A • Mounting: at the same time, screw the basket on and push it towards the handle of the pole.
   • Removing: at the same time, unscrew the basket and pull it toward the tip of the pole.
B • Screw the basket on completely until you hear four clicks (wear gloves as a precaution).

SAFETY STRAP FOR SKETCHY SITUATIONS

AUTO RELEASE STRAP
With tension adjustment

TO ADJUST THE TENSION
Use the allen key tool provided with the pole

POLES TECHNICAL FEATURES

ALUMINIUM RANGE
- Salomon know-how in aluminium is proven with bindings, ILS and Mavic wheels.
- According to this experience, we defined three levels of strength
  - Aluminium Technology
  - Aluminium Technology
  - Aluminium Technology

  40% stronger
  15% stronger
  Competitive strength/price ratio

COMPOSITE RANGE
- We do our pole’s shafts the same way that golf companies do their own golf shafts.
- We defined three levels of Carbon grade:
  - Carbon Technology
  - Carbon Technology
  - Carbon Technology

  80% of Carbon
  40% of Carbon
  15% of Carbon

ALPINE POLES SIZING CHART

<table>
<thead>
<tr>
<th>SKIER’S HEIGHT (cm)</th>
<th>POLE LENGTH (cm)</th>
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<td>120</td>
<td>75</td>
</tr>
<tr>
<td>115</td>
<td>70</td>
</tr>
</tbody>
</table>

summary <<<<
NORDIC POLES

HOW TO CUT AND GLUE POLES

1. Take off the Grip by soaking it in boiling water and then, simply removing it by hand.

2. Put some tape exactly over the cutting zone.

3. Cut the shaft exactly where you need by using a saw, and cutting directly on the tape. This will enable the delamination of the carbon fiber.

4. Remove the tape and use sand paper to clean remaining dust of carbon.

5. Warm up some thermo glue by using a heat-gun. And apply warm glue directly on the top of the shaft.

6. Warm up again thermo glue on the shaft with the heat-gun. Place directly the grip on the shaft, taking care that it’s well positioned compared to the basket.

NORDIC POLES SIZING CHART

<table>
<thead>
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## BACK PROTECTION

### SHAPE CHARACTERISTICS & SIZING CHART

#### MEN

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<td>168-173</td>
<td>173-178</td>
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<td>183-188</td>
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<td>Waist to Shoulder</td>
<td>40-42.6</td>
<td>42.7-45</td>
<td>45.1-48</td>
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<td>51.1-53</td>
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<th>XL</th>
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<tbody>
<tr>
<td>Height (INCHES)</td>
<td>5’4”-5’6”</td>
<td>5’6”-5’8”</td>
<td>5’8”-5’9”</td>
<td>5’9”-6’0”</td>
<td>6’0”-6’2”</td>
</tr>
<tr>
<td>Waist to Shoulder</td>
<td>15.7”-16.8”</td>
<td>16.8”-17.8”</td>
<td>17.8”-18.8”</td>
<td>18.8”-19.8”</td>
<td>19.8”-20.8”</td>
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#### WOMEN

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<th>Size</th>
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<td>170-175</td>
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<td>Waist to Shoulder</td>
<td>39-41</td>
<td>41-43</td>
<td>43-45</td>
<td>45-48</td>
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<table>
<thead>
<tr>
<th>Size</th>
<th>XS</th>
<th>S</th>
<th>M</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Height (INCHES)</td>
<td>5’2”-5’3”</td>
<td>5’3”-5’5”</td>
<td>5’5”-5’6”</td>
<td>5’6”-5’8”</td>
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<tr>
<td>Waist to Shoulder</td>
<td>15.4”-16.1”</td>
<td>16.1”-16.9”</td>
<td>16.9”-17.7”</td>
<td>17.7”-18.9”</td>
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#### KIDS

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<th>JL</th>
<th>JXL</th>
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<td>Height (CM)</td>
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<td>129-140</td>
<td>141-152</td>
<td>153-164</td>
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<td>Waist to Shoulder</td>
<td>28-31</td>
<td>31-34</td>
<td>34-37</td>
<td>37-40</td>
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<table>
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<tr>
<th>Size</th>
<th>JS</th>
<th>JM</th>
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<th>JXL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height (INCHES)</td>
<td>3’9”-4’2”</td>
<td>4’2”-4’7”</td>
<td>4’7”-5’1”</td>
<td>5’1”-5’4”</td>
</tr>
<tr>
<td>Waist to Shoulder</td>
<td>11-12.2”</td>
<td>12.2”-13.4”</td>
<td>13.4”-14.6”</td>
<td>14.6”-15.7”</td>
</tr>
</tbody>
</table>
### HEAD OFFICE

**SALOMON S.A.**  
Siege social Metz-Tessy  
F-74996 Annecy Cedex 9  
Tel: +33 (0)4 50 65 41 41  
Fax: +33 (0)4 50 65 42 56  
33 450 65 42 57

### SUBSIDIARIES DISTRIBUTORS

<table>
<thead>
<tr>
<th>Country</th>
<th>Address and Contact Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARGENTINA</strong></td>
<td>(Winner Productos deportivos S.A.) Tel: +54 115 256 5000</td>
</tr>
<tr>
<td><strong>AUSTRALIA</strong></td>
<td>Tel: +61 3 8586 6666</td>
</tr>
<tr>
<td><strong>AUSTRIA</strong></td>
<td>Tel: +43 662/45 55 47 100</td>
</tr>
<tr>
<td><strong>BELARUS</strong></td>
<td>Sport Retail Project +375 17 226 18 10</td>
</tr>
<tr>
<td><strong>BRAZIL</strong></td>
<td>Tel: +55 11 3094 1923</td>
</tr>
<tr>
<td><strong>BULGARIA</strong></td>
<td>Mtk Sport Tel: +359 888 343 427</td>
</tr>
<tr>
<td><strong>CANADA</strong></td>
<td>Tel: +1 905 470 9966</td>
</tr>
<tr>
<td><strong>CHILE</strong></td>
<td>Grylan S.A. Tel: +562 949 37 17</td>
</tr>
<tr>
<td><strong>CHINA</strong></td>
<td>Tel: +862 168 755 010</td>
</tr>
<tr>
<td><strong>CZECH REPUBLIC</strong></td>
<td>Tel: +420 272 700 963</td>
</tr>
<tr>
<td><strong>DENMARK</strong></td>
<td>Tel: +45 45 565 530</td>
</tr>
<tr>
<td><strong>ESTONIA, LATVIA, LITHUANIA</strong></td>
<td>A. &amp; Tova Tel: +372 518 95 88</td>
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<tr>
<td><strong>FINLAND</strong></td>
<td>Tel: +358 207 789 600</td>
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<tr>
<td><strong>FRANCE</strong></td>
<td>Tel: +33 4 74 99 15 15</td>
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<tr>
<td><strong>GERMANY</strong></td>
<td>Tel: +49 (0) 8000/725 6666</td>
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<tr>
<td><strong>GREAT BRITAIN</strong></td>
<td>Tel: +44 (0) 20 404 850</td>
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<tr>
<td><strong>GREECE</strong></td>
<td>Shop &amp; Trade S.A Tel: +30 210 3468400</td>
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<tr>
<td><strong>HOLLAND</strong></td>
<td>Tel: +31 334 345 070</td>
</tr>
<tr>
<td><strong>HONG KONG</strong></td>
<td>Orient Fair Development Ltd Tel: +852 22219192</td>
</tr>
<tr>
<td><strong>HUNGARY</strong></td>
<td>Tel: +361 205 37 70</td>
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<tr>
<td><strong>INDIA</strong></td>
<td>Pantaloons Retail Ltd (Future Group) Tel: +91 11244641302</td>
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<tr>
<td><strong>ISRAEL</strong></td>
<td>Masa Tel: +972 523 910 882</td>
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<tr>
<td><strong>ITALY</strong></td>
<td>Tel: +39 0422 52 91</td>
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<tr>
<td><strong>KAZAKHSTAN</strong></td>
<td>UZBEKISTAN Union Space Tel: +998 72424440</td>
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<td><strong>KOREA</strong></td>
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<tr>
<td><strong>KYRGYZTAN</strong></td>
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<tr>
<td><strong>LEBANON</strong></td>
<td>Sports Experts Tel: +961 37 72 555</td>
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<tr>
<td><strong>MACEDONIA</strong></td>
<td>Sport Life D.O.O. Tel: +389 2 3127 350</td>
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<tr>
<td><strong>MALAYSIA</strong></td>
<td>VGO Corporation. Ltd Tel: +65 6543 5828</td>
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<td><strong>MAURITIUS</strong></td>
<td>Amer Sports Export Tel: +94 89 899801 300</td>
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<td><strong>MEXICO</strong></td>
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<tr>
<td><strong>NEW ZEALAND</strong></td>
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<tr>
<td><strong>NORWAY</strong></td>
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<tr>
<td><strong>NEW-ZEALAND</strong></td>
<td>Tel: +687 20 78 39</td>
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<tr>
<td><strong>PHILIPPINES</strong></td>
<td>Uniglobe Travelware Co,Inc Tel: +63 2303 134</td>
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<tr>
<td><strong>POLAND</strong></td>
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<td><strong>REUNION ISLAND</strong></td>
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<tr>
<td><strong>ROMANIA</strong></td>
<td>Master Sport Tel: +40 726 778 00</td>
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<tr>
<td><strong>RUSSIA</strong></td>
<td>Tel: +7 (495) 641 2646</td>
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<tr>
<td><strong>SERBIA</strong></td>
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<tr>
<td><strong>SINGAPORE</strong></td>
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</tr>
<tr>
<td><strong>SLOVAKIA</strong></td>
<td>Tel: +421 244 640 011</td>
</tr>
<tr>
<td><strong>SOUTH AFRICA</strong></td>
<td>Trail Terrain Tel: +27 82 33 13 005</td>
</tr>
<tr>
<td><strong>SPAIN</strong></td>
<td>Tel: +34 9325 25 100</td>
</tr>
<tr>
<td><strong>SWEDEN</strong></td>
<td>Tel: +46 33 233 700</td>
</tr>
<tr>
<td><strong>SWITZERLAND</strong></td>
<td>Tel: +41 41 784 26 26</td>
</tr>
<tr>
<td><strong>TAIWAN</strong></td>
<td>Ting San Lou Mountain Equipment Co Ltd Tel: +886 229 316 693</td>
</tr>
<tr>
<td><strong>TURKEY</strong></td>
<td>OCO Sport Ltd Sti +90 212 265 11 4144</td>
</tr>
<tr>
<td><strong>UKRAINI</strong></td>
<td>Mult Sport Tel: +380 979 719 968</td>
</tr>
<tr>
<td><strong>UNITED ARAB EMIRATES</strong></td>
<td>Nik General Trading Tel: +971 43 59 87 80</td>
</tr>
<tr>
<td><strong>USA</strong></td>
<td>Tel: +1800 225 6850</td>
</tr>
<tr>
<td><strong>USHUAIA</strong></td>
<td>Popper S.A Tel: +542 941 222 244</td>
</tr>
<tr>
<td><strong>OTHER COUNTRIES</strong></td>
<td>Tel: +33 450 65 41 41</td>
</tr>
</tbody>
</table>

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