**ASSEMBLY INSTRUCTIONS**

**XTERN SEMI-ASSEMBLED ORTHOTIC KIT**

**SIZE PEDIATRIC (100100-SA-P)**

**SHOE SIZE 9.5 US-Child -> 4.0 US Youth**

**SUGGESTED TOOLS**
- HEX ALLEN KEY 5/64" (INCLUDED)
- METAL HAND SAW
- MEASURING CALIPER 300MM OR MEASURING TAPE
- BENCH VISE WITH SOFT PAD JAW (PLASTIC / LEATHER)
- TRAUTMAN SANDER AND CARVER
- CUTTER PLIER
- PROPANE BLOW TORCH (IF THERMOFORMING REQUIRED)

**-PROTECTIVE SAFETY GEAR:**
SAFETY GOGGLES, GLOVES, DUST MASK 
& ALL OTHER PROTECTION REQUIRED BY 
YOUR HEALTH & SAFETY WORK POLICY

**PARTS LIST - XTERN ORTHOTIC KIT, SIZE PEDIATRIC (100100-SA-P)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>PRODUCT CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>200000-BA0-P</td>
<td>MAIN BRACE BODY ASSEMBLY, SIZE PEDIATRIC</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>200000-U00-P</td>
<td>FRONT SHOE SECTION «U» SHAPE, SIZE PEDIATRIC</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>200000-C00-P</td>
<td>PLASTIC CALF SECTION, SIZE PEDIATRIC</td>
</tr>
<tr>
<td>D</td>
<td>5</td>
<td>200000-L00-P</td>
<td>LACE CLIP ATTACHMENT, SIZE PEDIATRIC</td>
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<tr>
<td>E</td>
<td>2</td>
<td>700000-SET-004</td>
<td>SET SCREW 8-32 x 5/16” 18-8 STAINLESS STEEL (ON BRACE)</td>
</tr>
<tr>
<td>F</td>
<td>1</td>
<td>500031-K00-P</td>
<td>COMPLETE STRAP &amp; CUSHIONS KIT</td>
</tr>
<tr>
<td>G</td>
<td>20</td>
<td>700000-ZZZ-001</td>
<td>TIE-WRAP BLACK 18 LBS/4&quot;LONG</td>
</tr>
<tr>
<td>H</td>
<td>1</td>
<td>700000-HEX-003</td>
<td>HEX-L-KEY 5/64&quot; (FOR 8-32 SET SCREW)</td>
</tr>
</tbody>
</table>

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T: 1-888-778-8726
XTERN PEDIATRIC KIT - LENGTH MEASUREMENT CHART

<table>
<thead>
<tr>
<th>SHOE SIZE</th>
<th>US-Kids</th>
<th>9.5C</th>
<th>10C</th>
<th>10.5C</th>
<th>11C</th>
<th>12C</th>
<th>12.5C</th>
<th>13C</th>
<th>1Y</th>
<th>1.5Y</th>
<th>2Y</th>
<th>2.5Y</th>
<th>3Y</th>
<th>3.5Y</th>
<th>4Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINAL LENGTH</td>
<td>L (mm)</td>
<td>127</td>
<td>129</td>
<td>134</td>
<td>137</td>
<td>141</td>
<td>145</td>
<td>149</td>
<td>153</td>
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<td>158</td>
<td>160</td>
<td>163</td>
<td>168</td>
<td>171</td>
</tr>
</tbody>
</table>

CUT TO SHOE SIZE

INCLUDES 1x ADDITIONAL "B" FRONT SECTION
(200000-U00-P)
FOR FUTURE USE TO MAXIMIZE BRACE LENGTHENING
FOR CHILD’S GROWTH OVER THE YEARS

XCUTTING REF.

LENGTH CAN BE ADJUSTED BY 20mm.
SUPERIMPOSED THE BRACE ON SHOE & ADJUST FOR BEST FIT

3

FLUSH AS PER CUTTING CHART REF.

ADJUSTMENT +10mm CHILD’S GROWTH

4

TIGHTEN BOTH SET SCREWS

SEE GRADUATIONS ENCARVED UNDER FRONT "U" SECTION

XTERN PEDIATRIC KIT - LENGTH ADJUSTEMENT CUTTING CHART

<table>
<thead>
<tr>
<th>SHOE SIZE</th>
<th>US-Kids</th>
<th>9.5C</th>
<th>10C</th>
<th>10.5C</th>
<th>11C</th>
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<th>12.5C</th>
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<th>1Y</th>
<th>1.5Y</th>
<th>2Y</th>
<th>2.5Y</th>
<th>3Y</th>
<th>3.5Y</th>
<th>4Y</th>
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</thead>
<tbody>
<tr>
<td>CUTTING REF.</td>
<td>X</td>
<td>12</td>
<td>14</td>
<td>16</td>
<td>18</td>
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<td>25</td>
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XTERN PEDIATRIC KIT - CALF SUPPORT ADJUSTEMENT CHART

<table>
<thead>
<tr>
<th>SHOE SIZE</th>
<th>US-Kids</th>
<th>9.5C</th>
<th>10C</th>
<th>10.5C</th>
<th>11C</th>
<th>12C</th>
<th>12.5C</th>
<th>13C</th>
<th>1Y</th>
<th>1.5Y</th>
<th>2Y</th>
<th>2.5Y</th>
<th>3Y</th>
<th>3.5Y</th>
<th>4Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUTTING REF.</td>
<td>H (mm)</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
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<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

INCLUDES 1x ADDITIONAL "B" FRONT SECTION
(200000-U00-P)
FOR FUTURE USE TO MAXIMIZE BRACE LENGTHENING
FOR CHILD’S GROWTH OVER THE YEARS

SLIDE IN

B

ADJUSTMENT +10mm

CHILD’S GROWTH

5

ALIGN MARKS & CUT HEIGHT
SEE ENGRAVED MARKS ON PART

B

ADJUSTMENT -10mm

6

GRIND SMOOTH

C

SLIDE IN

EXTENDED CALF POSITION FOR CHILD’S GROWTH

7

LOCK DOT

+20mm

B

EXTENDED POSITION
FOR CHILD’S GROWTH

8

CLICK LOCK DOT FLUSH!

TIGHTEN UNTIL SCREW HEAD IS FLUSH

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