

TLSO WAIST MEASUREMENT	
SMALL	(25" - 30")
MEDIUM	(30" - 35")
LARGE	(35" - 42")
X-LARGE	(42" - 48")
2X-LARGE	(48" - 57")



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P/N: 025083 Rev G



BOA Duel TLSO

Instructions for Use

Please read these instructions completely and carefully before applying this product. Correct application is important for proper function of this product.



BOA Duel TLSO (Supine) Instructions for Use

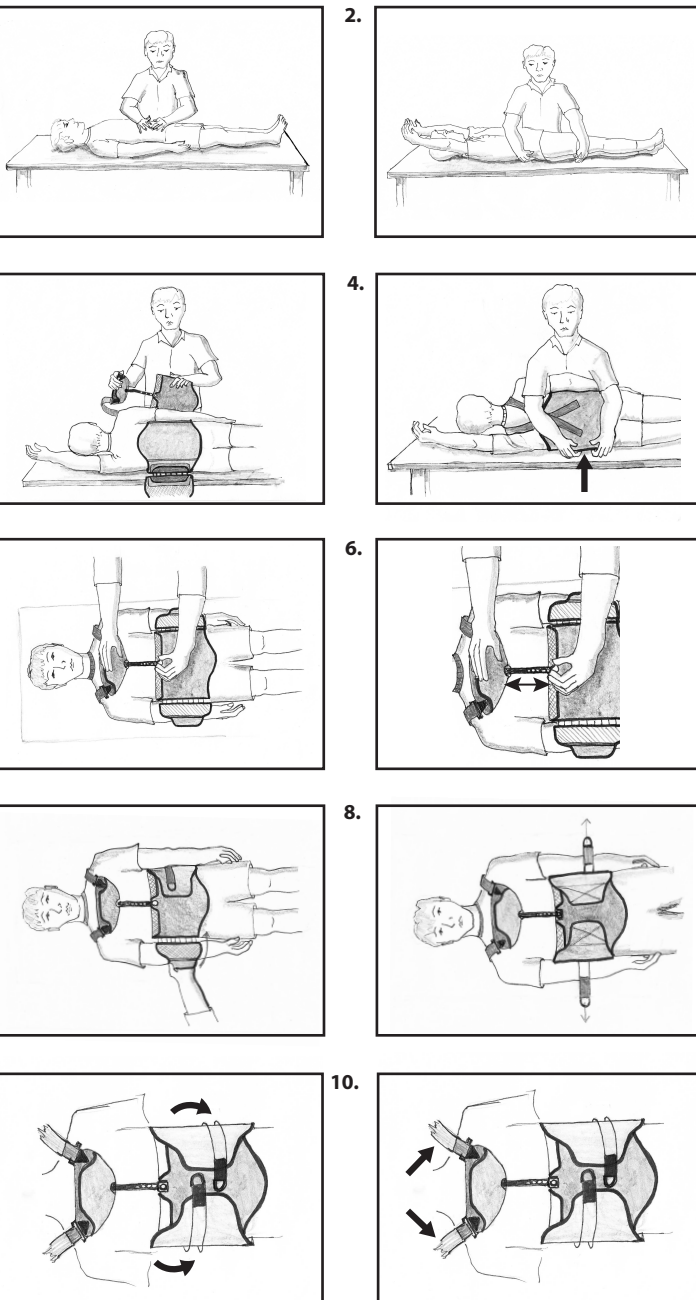
Please read these instructions completely and carefully before applying this product. Correct application is important for proper function of the brace.

Indications: Acute and chronic low back pain, post-operative support, spondylolisthesis, fusion, and compression fractures.

Contraindications: Pregnancy and circulation, pulmonary, cardiovascular or skeletal conditions which have risk to be made worse as a result of compression and/or pressure.

Initial Fitting: (To be performed by a licensed medical professional only). Make sure to wear a cotton t-shirt underneath. The brace is not to be applied directly to the skin.

1. Position patient on their back with their hips slightly flexed. Palpate the waist to determine proper placement of the orthotic device.
2. Raise patient's arms above their head and log roll the patient towards you onto their side. Be sure that the upper and lower body roll together without twisting the patient's spine.
3. Identify the bottom of the orthosis and place it so that it rests between the scapular spine on the superior region (upper) and the mid-gluteal fold on the inferior (lower) portion of the patients' spine. Make sure that the anterior sternal Y-bar panel location is identified and the posterior Velcro straps are secured before the patient is rolled onto their back.
4. Feed the compression side panel that is between the patient and the surface they are resting on towards the front of the body.
5. Roll the patient back onto their back and check the alignment of the TLSO before securing the compression side panels.
6. Adjust the position of the anterior sternal Y-bar so that it rests ½ inch below the sternal notch. By pulling up on the black release button, slide the bar to the desired length and reset the release button. (Be sure to position the anterior abdominal panel at the same time)
7. Adjust the anterior abdominal panel to rest 1in. above the pubic symphysis-advance the overlapping **side panels UNDER** the anterior panel as you close both of the compression side panel assemblies making sure that they are even and snug.
8. Adjust the compression by grasping both of the compression straps and pull them straight out from the patient.
9. Affix the straps to the anterior panels once the desired compression level has been achieved.
10. Fine adjustment of the brace is accomplished by means of the Velcro straps on the front anterior sternal Y-bar panel adjacent to the buckles.



Use and Care:
The liner and straps may be hand washed with a mild detergent. Air dry only. Foam and straps may be trimmed and adjusted for proper fit.

Warning:
This product is to be used under the supervision of a medical health professional. This device is not intended for unsupervised public use. If you experience any pain, swelling, sensation changes, or any unusual reactions while wearing this product, consult your medical professional immediately.

Warranty:
Top Shelf Orthopedics will replace all or part of the brace for defects in material or workmanship for the period of six months from the date of purchase.

Caution:
Federal Law (USA) restricts this device for sale by or on the order of a licensed healthcare professional.

BOA Duel TLSO (Upright) Instructions for Use

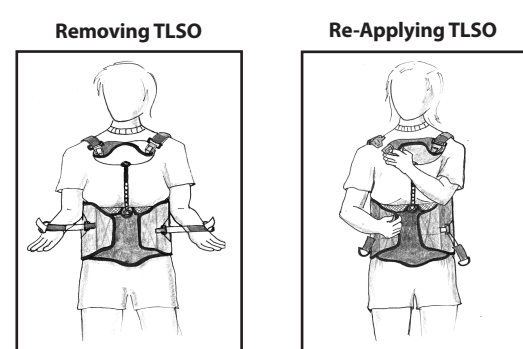
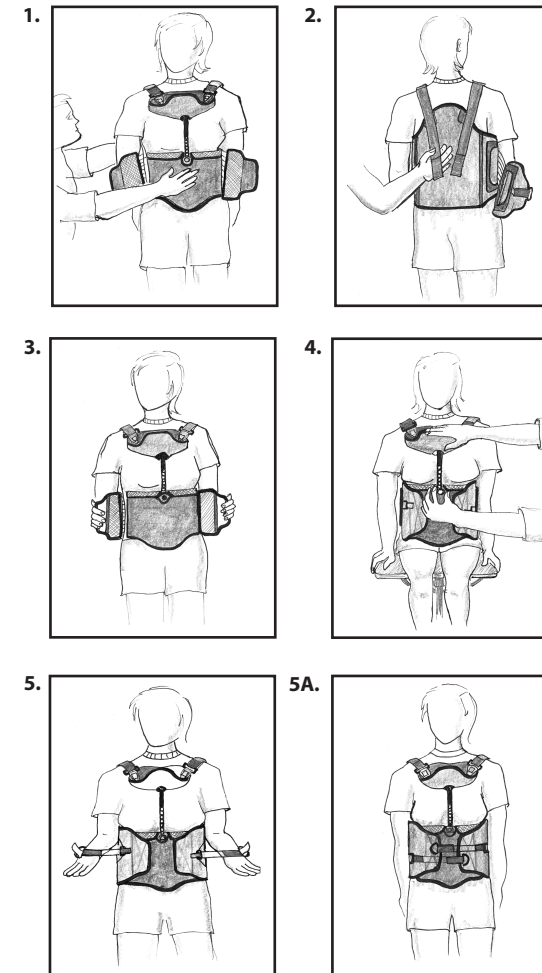
Please read these instructions completely and carefully before applying this product. Correct application is important for proper function of the brace.

Indications: Acute and chronic low back pain, post-operative support, spondylolisthesis, fusion, and compression fractures.

Contraindications: Pregnancy and circulation, pulmonary, cardiovascular or skeletal conditions which have risk to be made worse as a result of compression and/or pressure.

Initial Fitting: (To be performed by a licensed medical professional only). Make sure to wear a cotton t-shirt underneath. The brace is not to be applied directly to the skin.

1. While standing, open both of the anterior/side Velcro® panels. With the shoulder straps attached and extended to maximum length, lift the TLSO over the patient's head. Lower the TLSO into position, keeping the patient's head between the two shoulder straps. Let the anterior panel and posterior panel hang over the torso. Be sure to maintain the bottom edge of the anterior panel aligned with the pubic symphysis and the posterior panel aligned between the scapular spine and mid-gluteal fold.
2. To adjust the shoulder straps, release and adjust the posterior Velcro® straps first. Adjust to desired length. Be sure to maintain the bottom edge of the anterior panel with the pubic symphysis and the posterior panel between the scapular spine and mid-gluteal fold. Use the anterior straps (closest to the quick release buckle) for fine-adjustments.
3. Advance the overlapping side panels, taking care to place the **side panels UNDER** the anterior panel assembly, as you close both of the compression side panel assemblies, making sure that they are even and snug.
4. Adjust the sternal Y-bar while the patient is seated in prescribed posture. Pull up on the black release button (on top portion of anterior panel) to release the sternal bar lock. Slide the sternal Y-bar into position, so that the top of the sternal pad fits ½" below the sternal notch. Be sure to keep the bottom edge of the anterior panel aligned with the "Pubic Symphysis". (If desired, the sternal strut may be locked in place by unscrewing the provided sternal lock-out screw located 2" below the release button. Remove the screw in its current location and place into the hole that is in-line with the strut).
5. To activate compression, grasp each of the two pull-handles, simultaneously pull both straight out in front of the torso. After the desired level of compression has been achieved, fasten the pull handles to the anterior portion of the compression panels. To avoid tangling of the lacer cords, position one pull-handle higher up on the side panel than the other. Adjust compression after five minutes, then re-adjust as needed. A properly applied brace (Fig. 5A).



Removing TLSO

Lift and release both pull-handles on the compression panels simultaneously to relieve compression. To assist the process, push out the abdomen, allowing the handles to slide back into their original location. Now release one side of the compression side panel and unclip the quick release buckle on the same side.

Re-Applying TLSO

Place the BOA Duel back into proper position. Re-attach the quick release buckle on the shoulder strap. Close anterior panel and compression side panels as instructed in step #5 above.

Customizing TLSO (To be performed by a licensed medical professional only).

The rigid anterior and posterior panels are made from thermo formable plastic. They can be heat formed or cut to provide a custom fit. Remove the rigid, thermoformable plastic anterior and/or posterior panels from their respective soft pockets.

The sternal bar may be bent as needed by using a stable edge of a table. Using both hands, bend the bar in a slow and controlled fashion to adjust to desired degree of offset. The stock sternal Y-bar is set at 15°.

The side compression panels can be removed and reattached at different locations to ensure a proper fit.