

# BACK BRACE II TLSO

Doctor: \_\_\_\_\_ Fitter: \_\_\_\_\_

Patient Name: \_\_\_\_\_ Date: \_\_\_\_\_

Patient #: \_\_\_\_\_ Additional Follow-Up Dates: \_\_\_\_\_

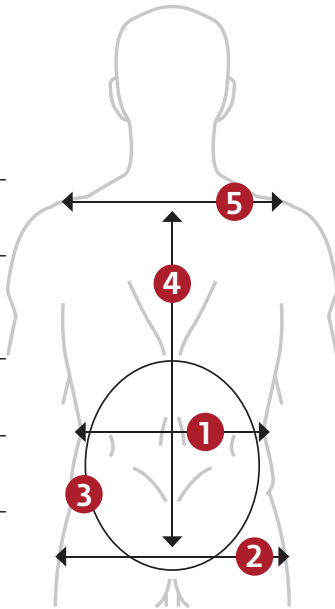
TOOLS NECESSARY: Scissors • Heat Gun • Tape Measure

## CLINICAL JUSTIFICATION FOR CUSTOMIZING BRACE

THIS PRODUCT IS INTENDED FOR APPLICATION BY A QUALIFIED INDIVIDUAL AS DIRECTED BY A PHYSICIAN OR OTHER QUALIFIED HEALTHCARE PROFESSIONAL. THIS IS A PREFABRICATED ORTHOSIS. IT IS INTENDED TO BE CUSTOMIZED TO AN INDIVIDUAL PATIENT. FOLLOW THE STEPS BELOW TO CUSTOMIZE.

### STEP 1 - MEASUREMENTS

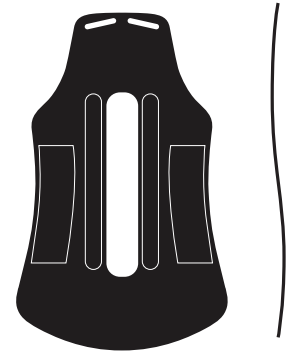
- 1 Lower rib circumference = \_\_\_\_\_
- 2 Hip circumference = \_\_\_\_\_
- 3 Sacrococcygeal Junction to Inferior Scapular Spine = \_\_\_\_\_
- 4 Length from hip to shoulders = \_\_\_\_\_
- 5 Distal end clavicle = \_\_\_\_\_



TIME SPENT: \_\_\_\_\_

### STEP 2 - CUSTOMIZE BACK PANEL TO ANATOMY

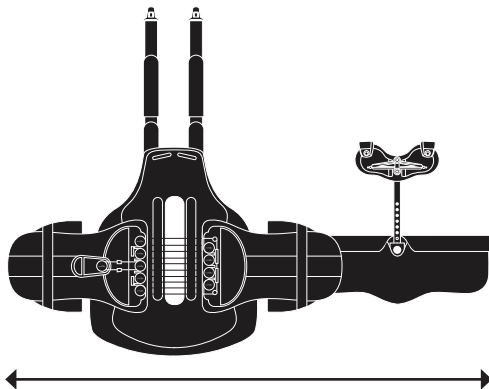
- A. Measure patient's lordosis then customize back panel to anatomy.
- B. To customize back panel, remove the panel, heat, trim, and reassemble.



Heat form to individual patient's anatomy and contour to create intimate fit for individual lordosis and soft tissue. Trim for individual patient's anatomy based on **3** \_\_\_\_\_

TIME SPENT: \_\_\_\_\_

### STEP 3 - CUSTOMIZE SIZING AND TIGHTENING MECHANISM



SIZING IS CRITICAL TO PROPER PERFORMANCE  
Use the measurements below to customize to patient's anatomy.

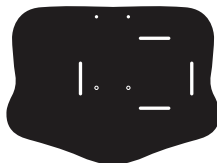
- A. Use waist circumference (average of **1** and **2** \_\_\_\_\_) to determine where proper sizing.
- B. Adjust length of tightening mechanism. For individual patient, it may be necessary to adjust length of closure string. Trim and adjust length of strings.

YES. AMOUNT CUT \_\_\_\_\_  NO

TIME SPENT: \_\_\_\_\_ A \_\_\_\_\_

### STEP 4 - MODIFY RIGID PANELS

MODIFY ANTERIOR PANEL AS NECESSARY



- Remove and trim to accommodate small and extra small anatomy.
- Remove and heat mold anterior panel as necessary.

TIME SPENT: \_\_\_\_\_

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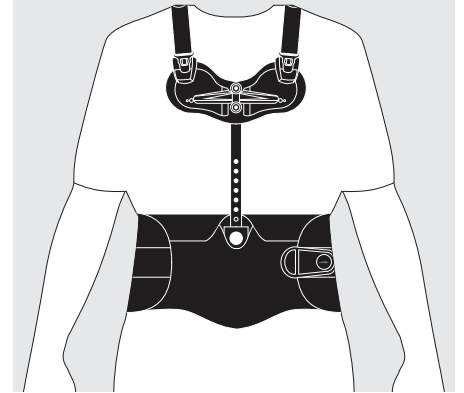
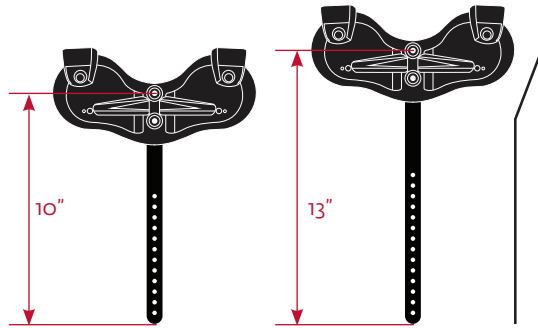
## STEP 5 - STERNAL BAR ADJUSTMENT

A. Customize T-bar. Use measurement **4** (\_\_\_\_\_) to determine the configuration of aluminum T-bar.

NOTE: There are 12 adjustment holes for size S, and 14 adjustment holes for size M-2XL

B. Bend aluminum T-bar for patient's individual anatomy.

C. Determine shoulder strap configuration best for patient's individual anatomy and required motion restriction.



TIME SPENT: \_\_\_\_\_

size: S

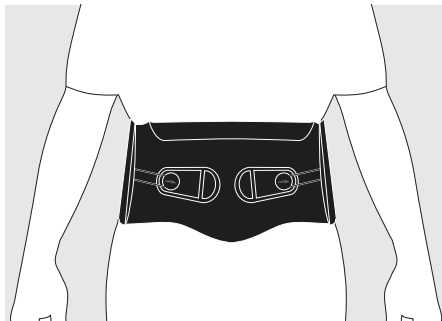
size: M-2XL

## STEP 6 - CUSTOMIZE BELT FIT

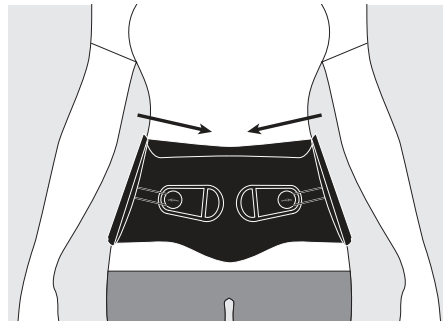
### ANGLE ANTERIOR PANELS

Circumferential contact at both upper and lower margins of brace is essential for proper brace performance and support. Determine angulation for proper fit.

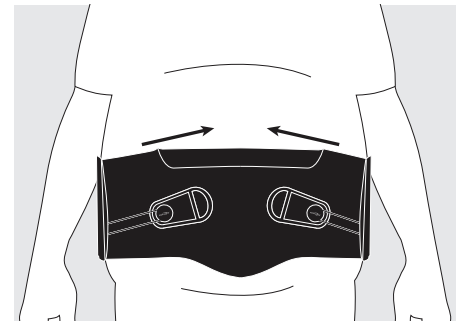
A. Mold anterior panel to conform to patient's anatomy. B. Angle anterior panels:



Neutral



Inferior Angulation



Superior Angulation

TIME SPENT: \_\_\_\_\_

## STEP 7 - EDUCATION

### EDUCATE PATIENTS

Proper education is needed for individual to maintain proper fit throughout total time of wear.

Items to educate patients on:

Independent compression mechanics

Proper angulation to ensure circumferential contact

Proper cleaning

Watch patient application video

TIME SPENT: \_\_\_\_\_

Don and doffing

Proper placement of brace

Follow up appointments



TOTAL TIME TO CUSTOMIZE BRACE: \_\_\_\_\_

For product assistance, please contact Product Support at 1-888-405-3251 or email product.specialist@djoglobal.com

DJO, LLC | A DJO Global Company

T 800.553.6019 F 760.683.6937

1430 Decision Street | Vista, CA 92081-8553 | U.S.A.

www.djoglobal.com