



# PAL™ Swing-Away and Fixed Lateral Supports

Thoracic supports for Evolution Back Systems

BACK SYSTEMS

VARILITE™ PAL™ swing-away thoracic supports are designed to complement regular and tall Evolution Back™ systems. PAL (Positive Action Lateral) supports allow hinge angle, pad rotation, and horizontal pad adjustments for a precise fit.



## PAL™ Swing-Away Lateral Supports

Consists of Shell Bracket, Push Button Mechanism, and Specified Pad Bracket

Pad Bracket	Short	Long	Short w/3/4" (2 cm) Offset
Horizontal Pad Adjustment:	1" (2.5 cm)	2-1/4" (5.7 cm)	1" (2.5 cm)

### Fits Evolution Back Size:

12" (30 cm)	89050	89150	89250
14 - 15" (35 - 38 cm)	89010	89110	89210
16 - 17" (40 - 43 cm)	89020	89120	89220
18" (45 cm)	89030	89130	89230
20 - 24" (50 - 60 cm)	89040	89140	89240

## Fixed Lateral Support

Consists of Shell Bracket, and Pad Bracket

	Long
Horizontal Pad Adjustment:	2-1/4" (5.7 cm)

### Fits Evolution Back Size:

12" (30 cm)	88050
14 - 15" (35 - 38 cm)	88010
16 - 17" (40 - 43 cm)	88020
18" (45 cm)	88030
20 - 24" (50 - 60 cm)	88040

Specify type and size of pad for PAL Swing-Away or Fixed Lateral Supports

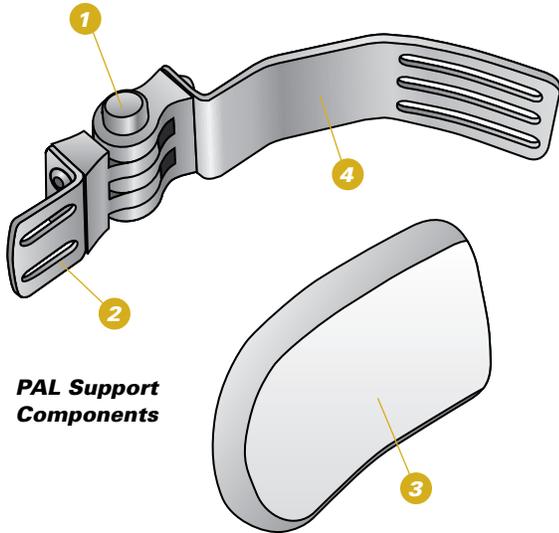
### Curved Pads

Dimensions, W x L:	3" x 4" (7.5 x 10 cm)	4" x 5" (10 x 13 cm)	5" x 6" (13 x 15 cm)
	04317	04319	04321

### Linear Pads

Dimensions, W x L:	3" x 4" (7.5 x 10 cm)	4" x 5" (10 x 13 cm)	5" x 6" (13 x 15 cm)
	04307	04309	04311

# PAL™ Swing-Away Supports



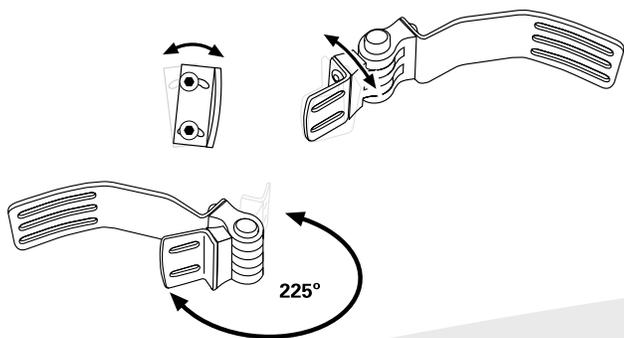
**PAL Support Components**

## 1. Push Button Hinge

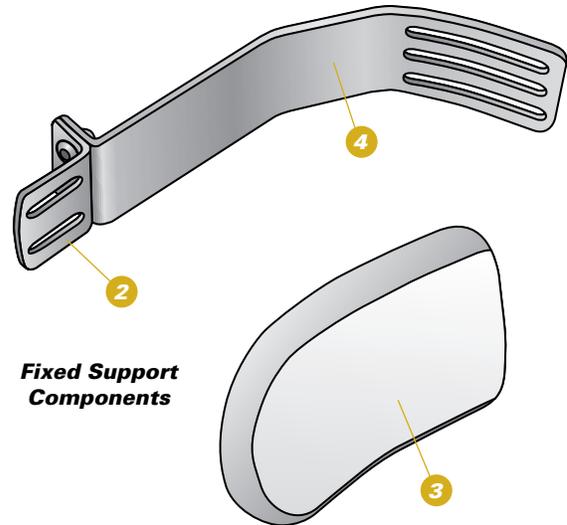
Easily activated push button unlocks the PAL swing-away hinge mechanism. PAL positive locking action indicates when the hinge is securely locked. Push button may be mounted in the up or down position. PAL hinge provides up to 225 degrees of swing. Easy hinge angle adjustment for precise fit. Loosen a set screw on the underside of the hinge, rotate the hinge to desired angle, and tighten the screw.

## 2. Pad Bracket

Constructed of steel for strength, pad bracket attaches to the pad. To adjust vertical pad rotation, loosen the two screws attaching the pad bracket to the hinge, rotate pad bracket +/- 10 degrees, and tighten screws. Pad brackets are available in short, long and offset sizes.



**Fixed lateral supports are available for situations when a swing-away lateral is not required. Fixed lateral supports consist of shell bracket, pad bracket and pad.**



**Fixed Support Components**

## 3. Pad

Pads are available in contoured or linear styles, in three sizes. Closed-cell foam with a steel insert. Slots in steel insert allow horizontal pad adjustment. Pad foam is protected with a removable, machine washable cover. Pads can be modified by a qualified professional.

## 4. Shell Bracket

Constructed of steel, shell bracket is contoured to mount on the inside of a VARILITE Evolution Back regular or tall shell. Low profile bracket is less than 1/8" thick. Shell brackets can be modified by a qualified professional.



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