



SHAPED TO **SUPPORT** *YOUR EVERY MOVE*



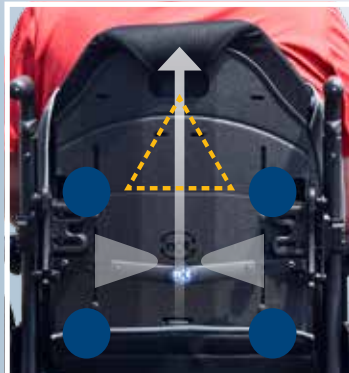


BACK SUPPORT SERIES

The nxt™ Back Support Series provides a range of back support models, with pelvic or thoracic shapes having posterior, posterior lateral and posterior deep lateral support. The full or scapula cut-out shapes are designed to provide excellent support and comfort while enhancing the user's natural range of motion. The QuickFit™ hardware is fully adjustable and the pelvic positioning pads provide optimal positioning of the pelvis for exceptional comfort and support.



- A Slotted holes** to allow for installation of most aftermarket head supports, headrests, belts, and harnesses
- B Alternate mounting heights**, allow hardware to be installed at optional heights to achieve a proper set-up
- C Width adjustment**, mounting hardware has 2" (5.1cm) of width adjustability increasing the size of a chair that each back can be used on [i.e. a 16" (40.6cm) wide back will fit a 16, 17, or 18" (40.6, 43.2, or 45.7cm) wide chair]
- D Pelvic cut-out** for optimal pelvic positioning and support of the P.S.I.S.
- E One-hand quick release** allows for the back to be removed from the chair with ease



Stability, Symmetry & Shoulder Freedom

Support the spinal column within the "Scapula Triangle" which improves shoulder freedom & head control.

Provide support to the side of the pelvis and thorax to stabilize the entire spinal column.



One-Hand Quick Release

QuickFit™ MOUNTING SYSTEM

- Quickly and easily adjust while client is in the chair
- Accommodates asymmetrical posture
- Hardware is a discreet size and provides strength and rigidity to the back support
- 5" (12.7cm) of depth adjustment, 2.5" (6.4cm) in front or behind back canes
- Fits metric & imperial tubing including, 0.75-1" (1.9-2.5cm) back canes without shims
- Reversible for increased range
- 50° of angle adjustment (25° posterior and 25° anterior)
- Adjustable for pelvic or trunk rotation
- Install or remove clamps without taking them apart
- Fits 3 widths of chair by adjusting mounting position [i.e. a 16" (40.6cm) wide back will fit a 16, 17, or 18" (40.6, 43.2, or 45.7cm) wide chair]



A Lock hardware onto the back cane and control height & rotation

B Control depth & angle adjustment

Accommodates Asymmetrical Posture



Angle Adjustability of 50°



Alternate Fixed Hardware



Positioning Cut-Out

Allows the bottom edge of the back support to rest in the PSIS area. This provides a space for the buttocks to protrude beyond the back for a better, more natural seated position.



Dual Density Foam

Dual density Polyurethane foam 1.5" (3.8cm) thick. Soft top layer for comfort and a firm bottom layer for protection.



Low Pivot Point

The mounting hardware attachment points have a low pivot point designed to pivot around the pelvis. The low pivot point allows you to support the pelvis while adjusting recline. This reduces the movement of the pelvis affected by angle adjustment of the hardware.



Customizable Contour

Lateral contours can be bent in or out for better postural control and a customized fit.

nxt™ Optima™ – CARBON THORACIC BACK SUPPORT

Designed for active users wishing to keep the total weight of their chair down without sacrificing material strength or performance.

WHAT'S INCLUDED

- One piece carbon fiber shell
- Depth adjustable lateral contours (DEEP only)
- Dual density foam back cushion
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - *QuickFit* cane brackets & *QuickFit* back brackets

ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover and foam
- Optional one hand quick release
- Standard and Deep Contour options
- Optional fixed hardware

SPECIFICATIONS - INCH (CM)

	OPTIMA	OPTIMA DEEP
Weight* - lbs (kg)	1.75 (0.78)	2.1 (0.95)
Height	9 - 16 (22.8 - 40.6)	
Width	14 - 22 (35.5 - 55.9)	15 - 22 (38.1 - 55.9)
Contour Depth	3 (7.6)	5.5 - 7 (14 - 18)
Weight Capacity - lbs (kg)	300 (136.08)	

*weight based on 16 x 16" shell

SIZES - INCH (CM)

WIDTH	HEIGHT			FITS WHEELCHAIR WIDTHS
14* (35.6)	9 (22.8)	13 (33)	16 (40.6)	14 - 16 (35.6 - 40.6)
15 (38.1)				15 - 17 (38.1 - 43.2)
16 (40.6)				16 - 18 (40.6 - 45.7)
17 (43.2)				17 - 19 (43.2 - 48.3)
18 (45.7)				18 - 20 (45.7 - 50.8)
20 (50.8)				20 - 22 (50.8 - 55.9)

HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	CONTOUR	WIDTH	HEIGHT
NOCF	ACB (OPTIMA), PCB (OPTIMA DEEP)	14†, 15, 16, 17, 18 20	9, 13, 16

Complete Model # Example: NOCFACB1616



E Manufactured from T700 high-modulus carbon fiber, the lightest and most rigid available

- A** Scapula cut-out shape
- B** Deep, depth adjustable lateral contours for optimal midline support and positioning (DEEP only)
- C** One-piece ultra-light carbon fiber shell
- D** Lateral contours are higher, targeting better support in the thoracic region while maintaining optimal pelvic positioning



† Standard Contour model only

ACCESSORIES: LATERAL TRUNK/PELVIC SUPPORTS

A wide range of thoracic trunk supports are available for backs supports. These included fixed and swing away options, arm styles with single or dual pads in multiple sizes. Pads are adjustable in angle, length and position. All supports have neoprene covers available.

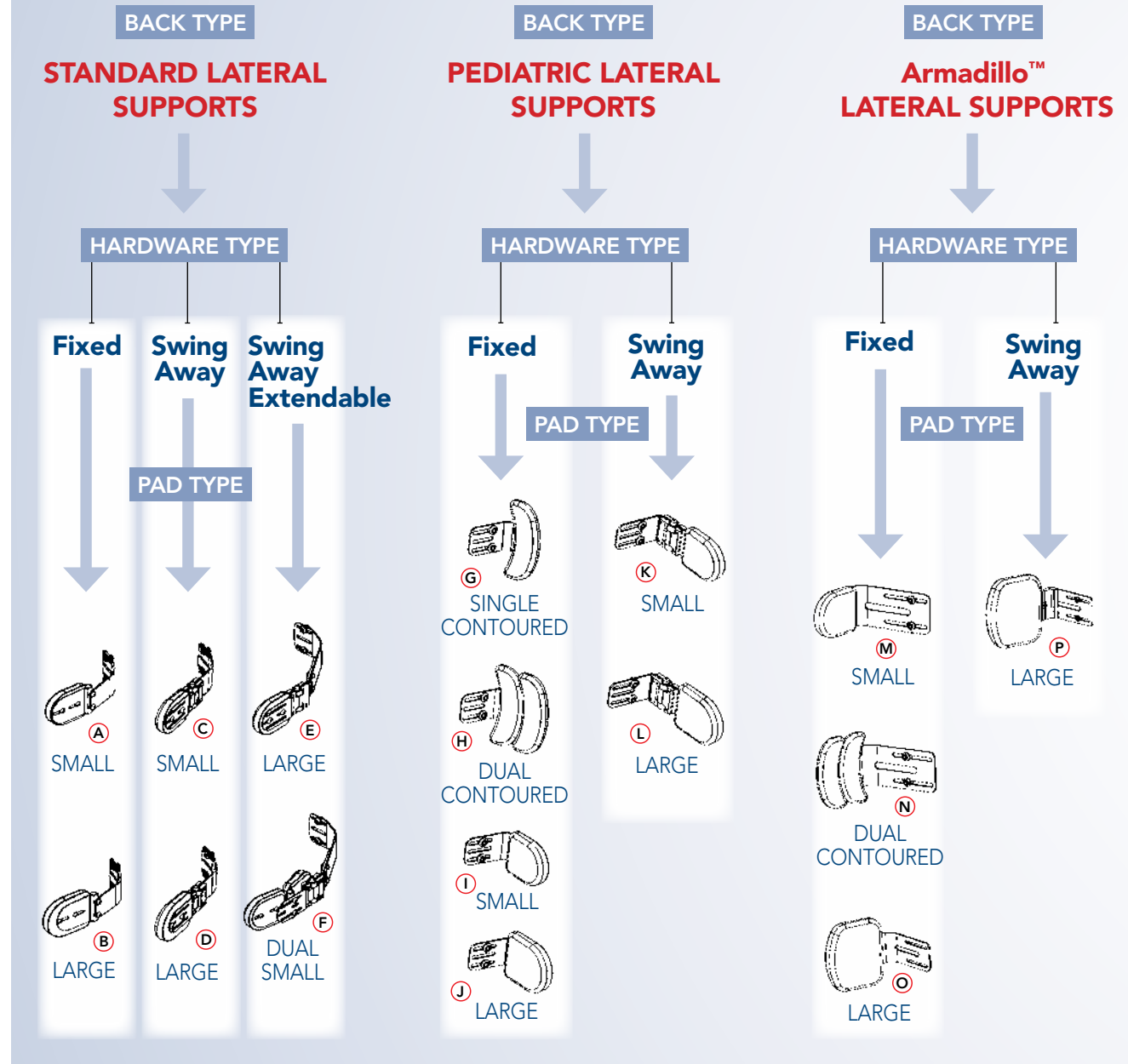
3 TYPES OF HARDWARE

- FIXED** – Lateral remains fixed in place, for users that require permanent support
- SWING AWAY** – Lateral can be adjusted around the hinge to set proper contact point with client, in addition “swings away” on a pivot point to allow for easier transfers, or a break from support
- SWING AWAY EXTENDABLE (available with standard laterals only)** – Lateral has significantly more adjustability to ensure proper lateral or anterior lateral contact with client, in addition “swings away” on a pivot point to allow for easier transfers, or a break from support

5 TYPES OF PADS

- SMALL** – when minimal surface area of support is required - pad is approximately 3.5” deep x 3.25” high (8.9x8.3cm)
- SMALL DUAL ADJUSTABLE (for use on the Swing Away Extendable hardware only)** – angle between pads can be adjusted to fit the contour of and provide customized contact with the client - each pad is approximately 3.5” deep x 3.25” high (8.9x8.3cm)
- LARGE** – when more surface area of support is required - pad is approximately 4” deep x 3.5” high (10.2x8.9cm)
- CONTOUR** – when the client needs subtle lateral support added to a mild contoured back (offered in two depths, single pad or double pad) - each pad is approximately 2” deep x 5.5” high (5.1x14.0cm)
- XL (Armadillo only)** – maximum depth to ensure support clears the back substrate while providing increase surface area for contact with client - pad is approximately 6.5” deep x 7.5” high (16.5x19.1cm)

CHOOSING LATERAL SUPPORTS



STANDARD LATERAL SUPPORTS



A
**Short Fixed Arm
 with Small Pad**
 NLAFS-NLPHS



B
**Short Fixed Arm
 with Large Pad**
 NLAFS-NLPHL



C
**Short Swing-Away
 Arm with Small Pad**
 NLASS-NLPSS



D
**Short Swing-Away
 Arm with Large Pad**
 NLASS-NLPSL



E
**Extendable
 Swing-Away Arm
 with Large Pads**
 NLASA-NLPSL



F
**Extendable
 Swing-Away Arm with
 Dual Small Pads**
 NLASA-NLPTSS

PEDIATRIC LATERAL SUPPORTS



G
**Fixed Arm with
 Single Contoured Pad**
 NKLAF-NLPCS



H
**Fixed Arm with
 Dual Contoured Pad**
 NKLAF-NLPCD



I
**Fixed Arm with
 Small Pad**
 NKLAF-NLPS



J
**Fixed Arm
 with Large Pad**
 NKLAF-NLPL



K
**Swing-Away Arm
 with Small Pad**
 NKLAS-NLPSS



L
**Swing-Away Arm
 with Large Pad**
 NKLAS-NLPSL

Armadillo™ LATERAL SUPPORTS



M
**Fixed Arm
 with Small Pad**
 NMAPS-LPS



N
**Fixed Arm with
 Dual Contoured Pad**
 NMAPS-LCS



O
**Fixed Arm
 with Large Pad**
 NMAPS-DLTSF



P
**Swing-Away Arm
 with Large Pad**
 NMAPS-DLTSS



NEOPRENE COVERS



Q
Standard
 NIB-0572



R
Single Contour
 NIB-0574



S
Double Contour
 NIB-0573



T
Armadillo Large
 NIB-1413

ACCESSORIES: MultiFit™ HEAD SUPPORT

To complete an order, specify the desired type of fixtures and the size of pad required. Pad and/or fixture components can also be ordered separately.

WHAT'S INCLUDED

- Fixtures – complete assembly with installation fixtures and two additional quick adjustment levers (if specified, comes with flip back kit)
- Pads – layered foam pad, removable/washable cover, and wipe down cover

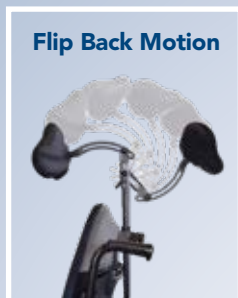
HOW TO ORDER

HEAD SUPPORT HARDWARE AND ACCESSORIES

NIB-0747	Multi-axis hardware, Adjustable and removable, Incl. 2 additional levers for quick-release adjustment
NIB-0823	Head support receiver bracket - Mounts head support assy. to seating system
NIB-1200	Universal head support adapter bracket (fits all nxt backs except 9" (22.9cm) heights)
NIB-1306	Flip-back, multi-axis hardware, Adjustable and removable, Incl. 2 additional levers for quick-release adjustment
NIB-1210	Head support flip back kit. Can be attached to NIB-0747 to flip back the head support pad
NIB-0725	Head support replacement quick-release lever, each
NIB-0824	Head support replacement collar, each

HEAD SUPPORT PAD SELECTION

NIB-0785	Small contoured head support pad, 9" x 5" (22.9 x 12.7cm)
NIB-0784	Large rectangular head support pad, 10" x 5" (25.4 x 12.7cm)
NIB-0818	Extra-large rectangular head support pad, 14" x 5" (35.6 x 12.7cm)



- A Comfortable layered foam pad**
- B Removable washable cover**
- C Curved depth & angle adjustment** feature provides a wide range of settings
- D Vertical post can be set in three different rotation orientations**
- E Latch style clamp** for easy height adjustment & removal
- F Wipe down cover**
- G Additional quick adjustment levers**, allowing for the option of easy multiple adjustments without the use of tools.