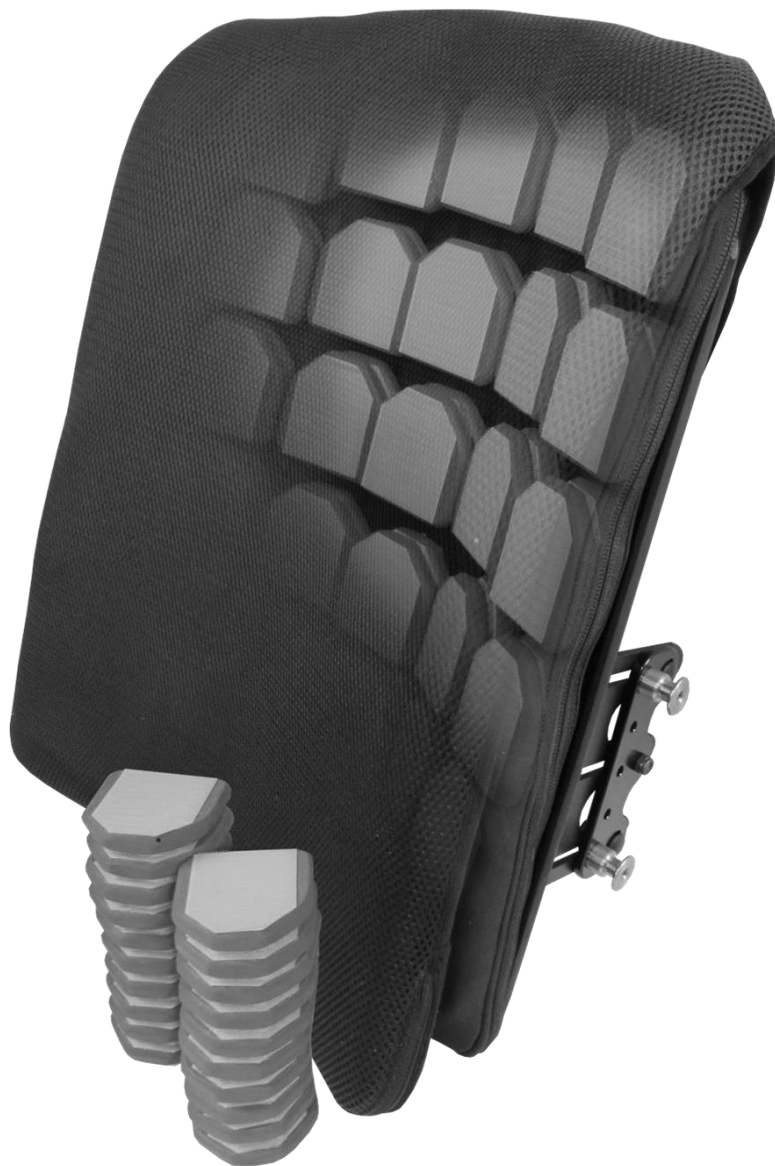




BAC SYSTEM













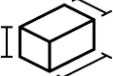
INSTRUCTIONS FOR USE



CONTENTS



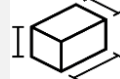
	Page
Included in this package	5
Diagrams	7
Transport warning instructions	10
Intended use	12
Risks Identified	12
Disclaimer	12
Product Life expectancy	13
Guarantee	13
Installation instructions	14
Using the BAC System	14
Care instructions	14

SYMBOLS



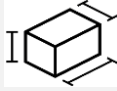
	Identifies products that meet the requirements of Regulation 2017/745 / EU on medical devices		Batch code
	Indicates that a product is a medical device		Catalogue number
	Shows the manufacturer of the medical device		Date of manufacture
	WC20 & ISO7176-19 certified for forward facing use in a motor vehicle		Authorized representative in the European Community
	Product weight (kgs)		Consult instructions for use
	Max User Weight (kgs)		Warnings
	Product Dimensions		

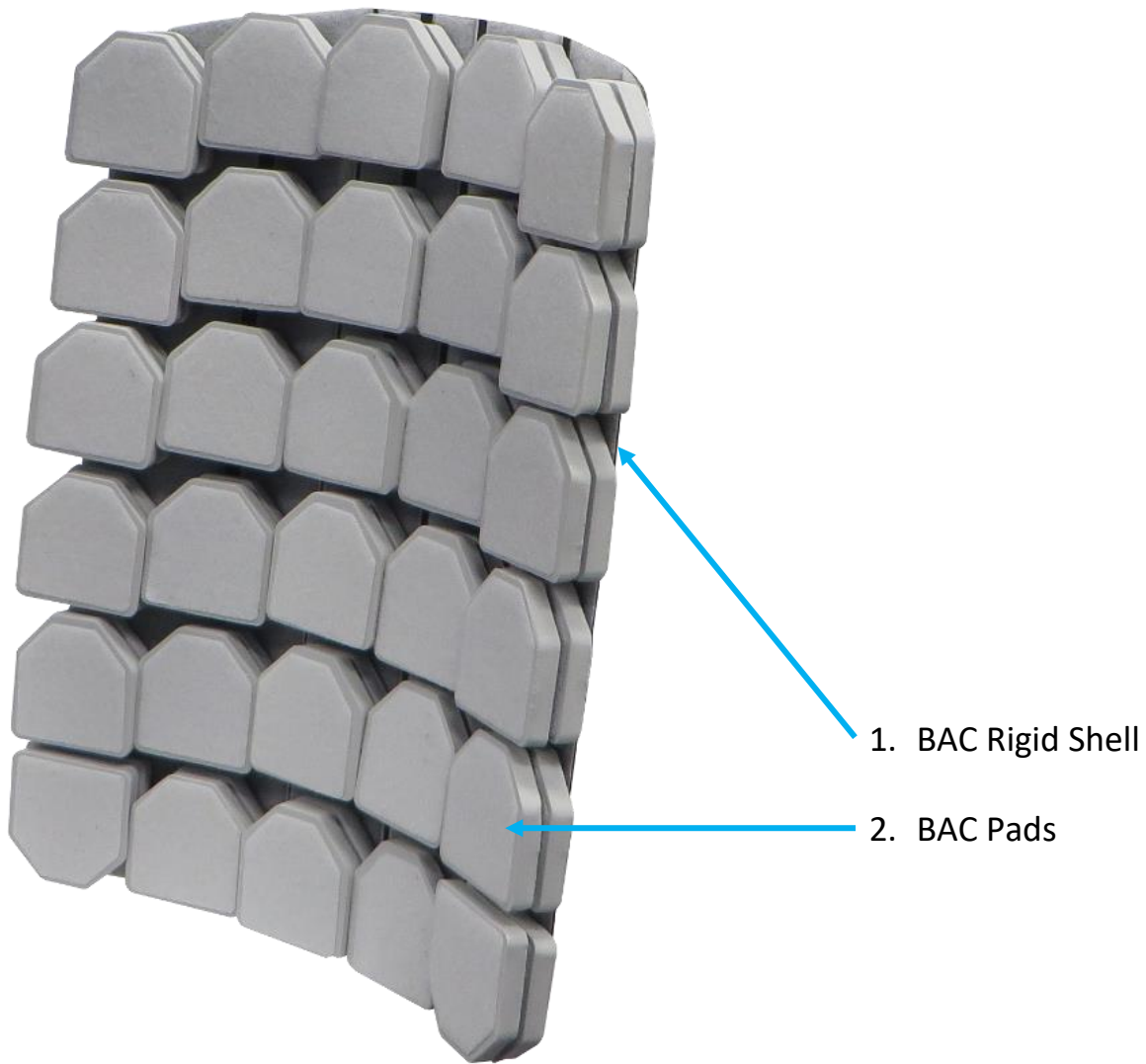
BAC System



CODES & DETAILS (SUPPORT SERIES BACKRESTS)							
CODE	FITS BACKREST SIZE	A (# OF PADS)	B (# OF PADS)	# OF LAYERS			
DBACSB0810	8" x 10"	3	5	2	From 0.3 to 1.2	136	From 13cm x 25cm x 2.5cm up to 43cm x 55cm x 2.5cm
DBACSB0812	8" x 12"	3	5	2			
DBACSB1012	10" x 12"	3	5	2			
DBACSB1014	10" x 14"	3	6	2			
DBACSB1214	12" x 14"	4	6	2			
DBACSB1216	12" x 16"	4	6	2			
DBACSB1218	12" x 18"	4	7	2			
DBACSB1414	14" x 14"	4	5	2			
DBACSB1416	14" x 16"	4	5	2			
DBACSB1418	14" x 18"	4	6	2			
DBACSB1420	14" x 20"	4	7	2			
DBACSB1616	16" x 16"	5	5	2			
DBACSB1618	16" x 18"	5	6	2			
DBACSB1620	16" x 20"	5	7	2			
DBACSB1622	16" x 22"	5	7	2			
DBACSB1816	18" x 16"	5	5	2			
DBACSB1818	18" x 18"	5	6	2			
DBACSB1820	18" x 20"	5	7	2			
DBACSB1822	18" x 22"	5	7	2			
DBACSB2018	20" x 18"	6	6	2			
DBACSB2020	20" x 20"	6	7	2			
DBACSB2022	20" x 22"	6	7	2			
DBACSB CUST	xxxx	x	x	x			
DBACSB CUSTXL	xxxx	x	x	x	N/A	N/A	N/A

CODES & DETAILS (IGNITE SERIES BACKRESTS)

CODE	FITS BACKREST SIZE	A (# OF PADS)	B (# OF PADS)	# OF LAYERS			
DIBAC1407	14" x 07"	4	3	1	From 0.3 to 1.2	136	From 28cm x 17cm x 1.5cm up to 43cm x 51cm x 1.5cm
DIBAC1409	14" x 09"	4	3	1			
DIBAC1412	14" x 12"	4	4	1			
DIBAC1414	14" x 14"	4	5	1			
DIBAC1416	14" x 16"	4	5	1			
DIBAC1418	14" x 18"	4	6	1			
DIBAC1507	15" x 07"	4	3	1			
DIBAC1509	15" x 09"	4	3	1			
DIBAC1512	15" x 12"	4	4	1			
DIBAC1514	15" x 14"	4	5	1			
DIBAC1516	15" x 16"	4	5	1			
DIBAC1518	15" x 18"	4	7	1			
DIBAC1608	16" x 08"	5	3	1			
DIBAC1610	16" x 10"	5	3	1			
DIBAC1613	16" x 13"	5	5	1			
DIBAC1616	16" x 16"	5	5	1			
DIBAC1618	16" x 18"	5	6	1			
DIBAC1620	16" x 20"	5	7	1			
DIBAC1708	17" x 08"	5	3	1			
DIBAC1710	17" x 10"	5	3	1			
DIBAC1713	17" x 13"	5	5	1			
DIBAC1716	17" x 16"	5	5	1			
DIBAC1718	17" x 18"	5	6	1			
DIBAC1720	17" x 20"	5	7	1			
DIBAC1808	18" x 08"	5	3	1			
DIBAC1810	18" x 10"	5	3	1			
DIBAC1813	18" x 13"	5	5	1			
DIBAC1816	18" x 16"	5	5	1			
DIBAC1818	18" x 18"	5	6	1			
DIBAC1820	18" x 20"	5	7	1			
DIBAC2008	20" x 08"	6	3	1			
DIBAC2010	20" x 10"	6	3	1			
DIBAC2013	20" x 13"	6	5	1			
DIBAC2016	20" x 16"	6	5	1			
DIBAC2018	20" x 18"	6	6	1	N/A	N/A	N/A
DIBAC2020	20" x 20"	6	7	1	N/A	N/A	N/A



BAC Pad set of 10

Included in this package.

- BAC Positioning System complete including:
 - i. Inner Rigid Shell
 - ii. 2 layers of BAC Pads attached to the inner rigid shell.
- 10 extra spare BAC Pads.

FIG. 1.



Fig 1

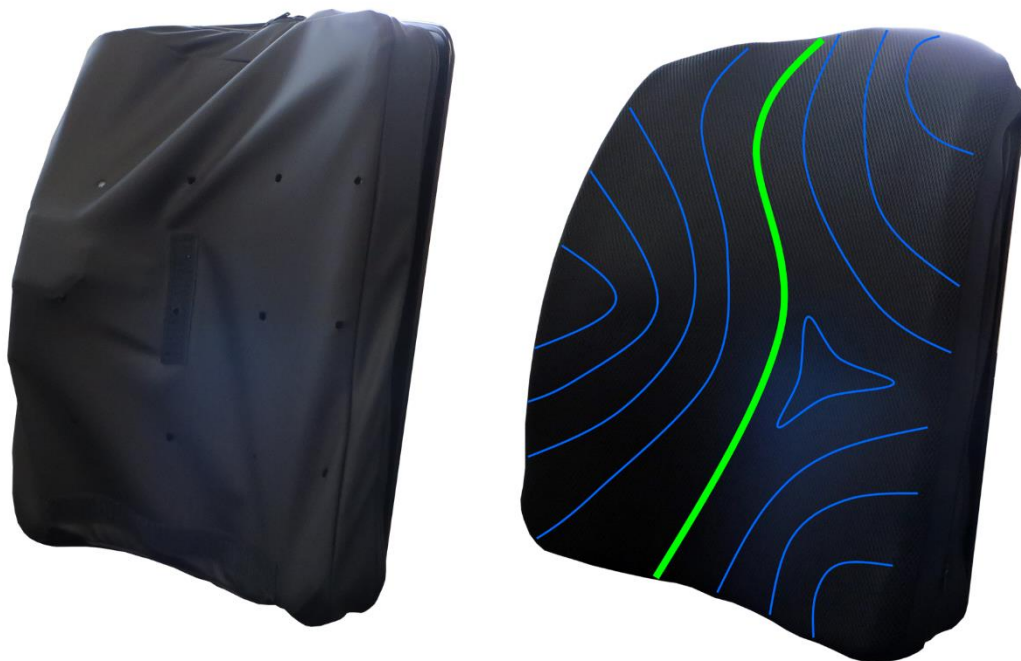


Fig 2

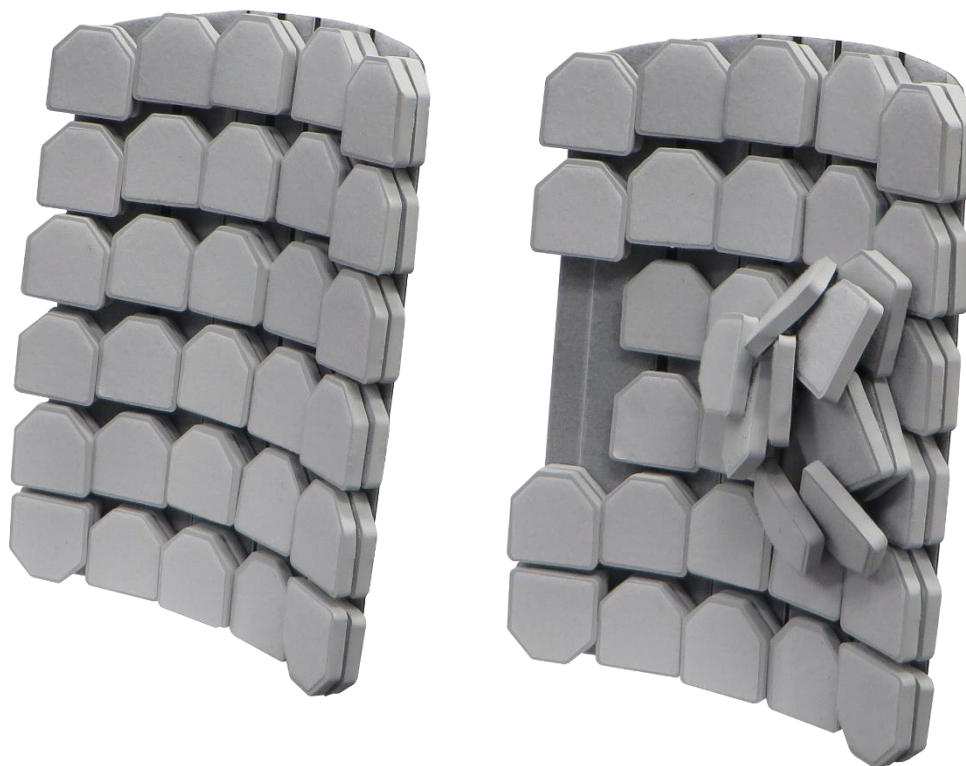


Fig 3

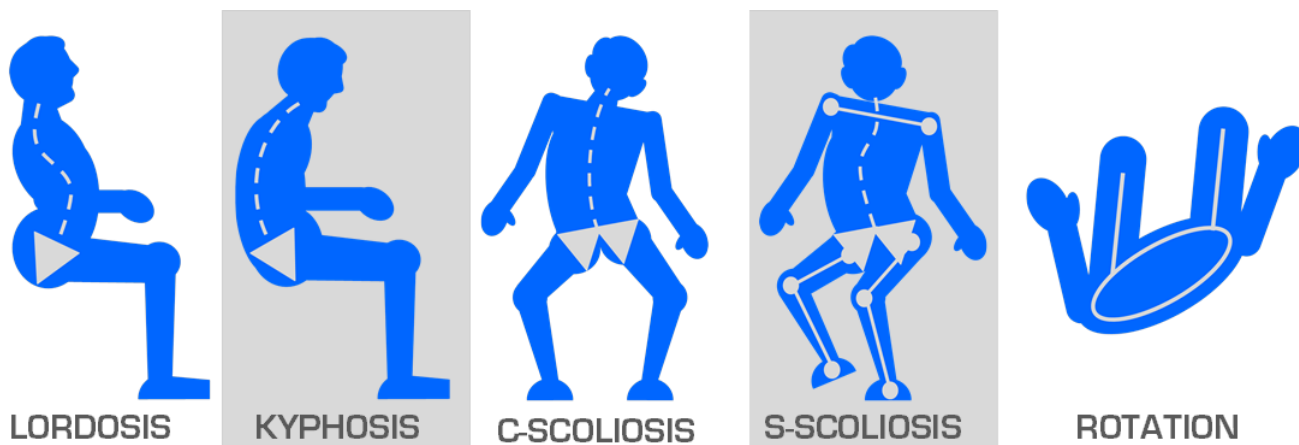


Fig 4

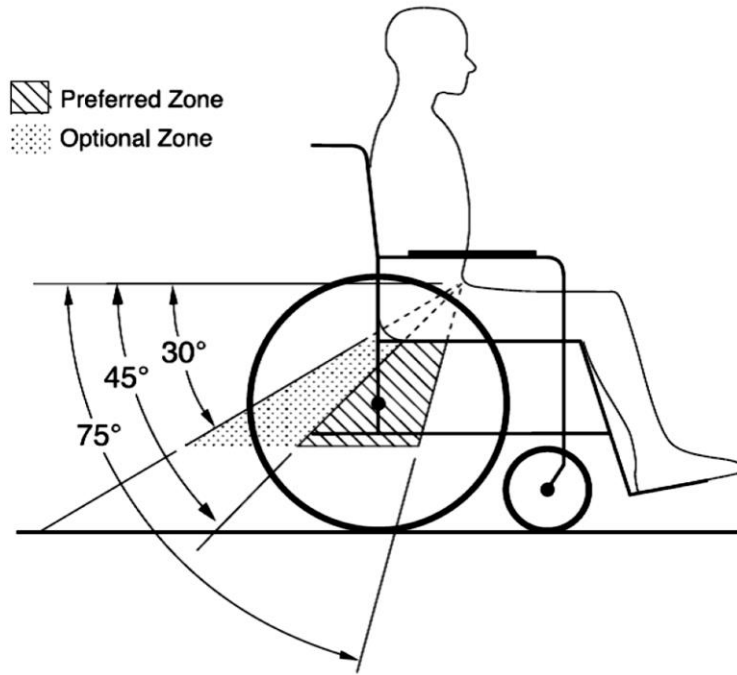


Fig 5



Fig 6

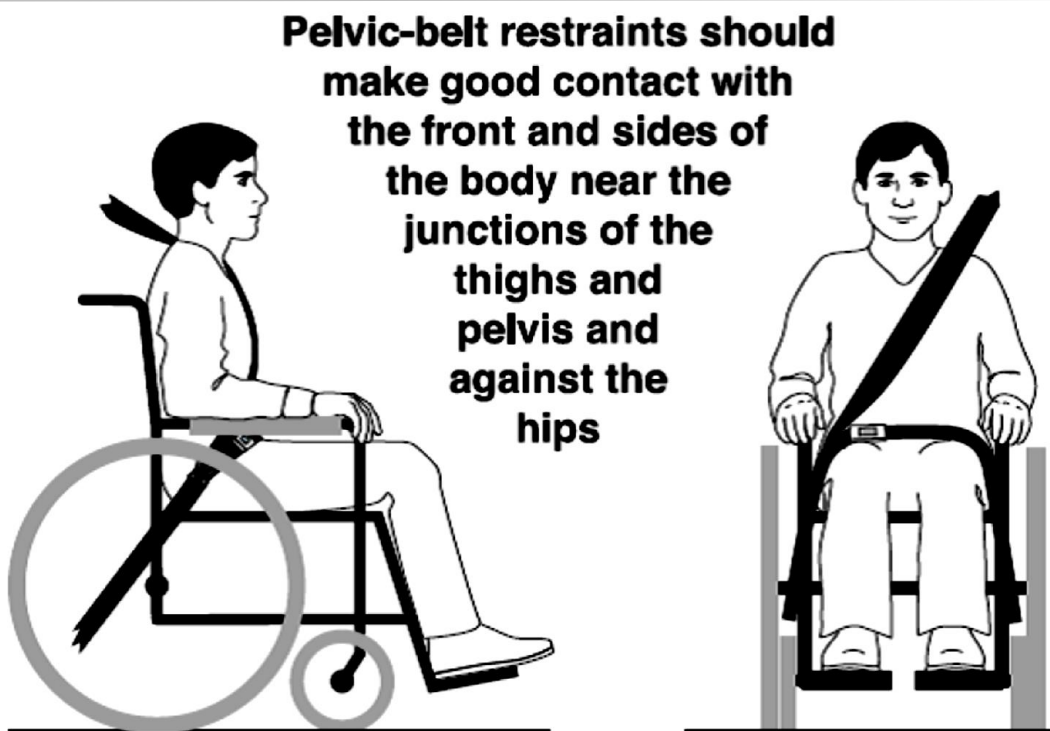
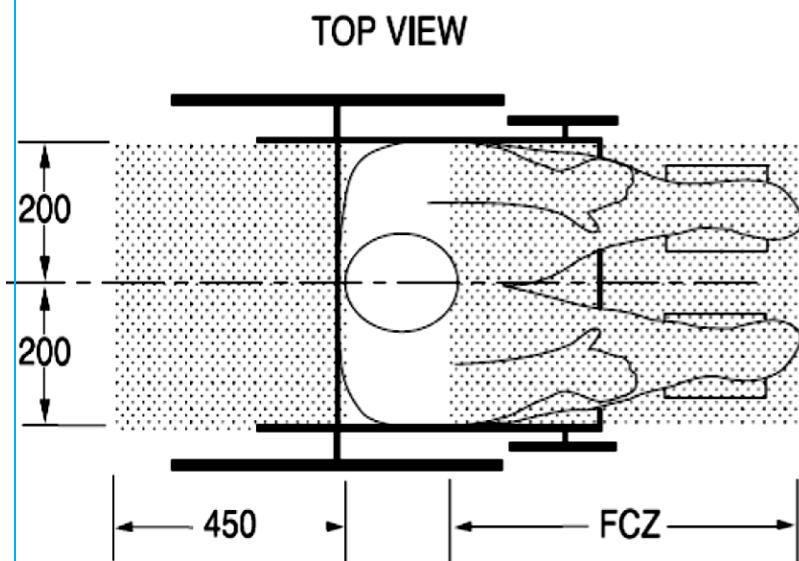


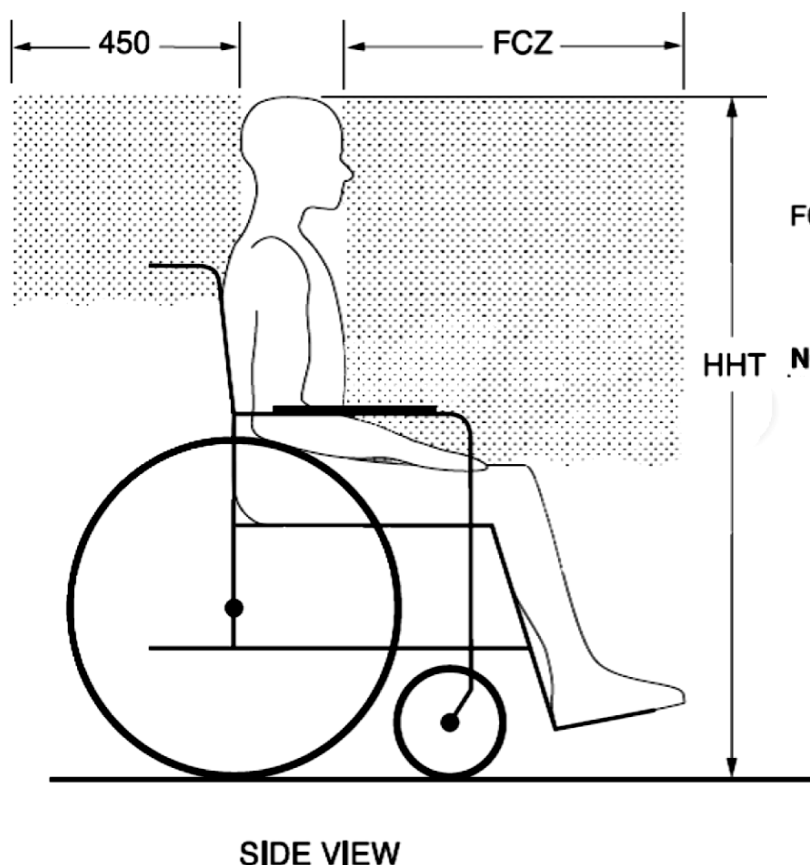
Fig 7



NOTES: The rear clear zone is measured from the rearmost point on an occupant's head. The front clear zone is measured from the frontmost point on an occupant's head.

Seated head height (HHT) ranges from about 1200 mm for a small adult female to about 1550 mm for a tall adult male.

Fig 8



FCZ = 650 mm with upper torso restraint
= 950 mm with only pelvic restraint

HHT **NOTE: It is strongly recommended that both pelvic and upper-torso belts be used.**

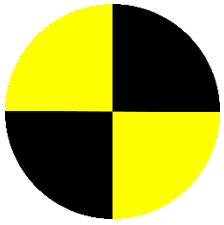
Recommended forward and rearward clear zones for wheelchair-seated occupants

NOTE The frontal clear zone may not be achievable for wheelchair-seated drivers.



TRANSPORTATION WARNINGS

1. When transporting occupants on their wheelchairs inside motor vehicles, Dreamline Wheelchair Seating is designed only for use with wheelchair frames that have been successfully crash tested to the frontal-impact requirements of RESNA WC-42012, Section 19.
2. When used as a seat for the occupant inside a motor vehicle, Dreamline Wheelchair Seating must only be used on wheelchair frames that provide four securement points and pelvic belt anchor points that conform to the requirements of RESNA WC-4:2012, Section 19.
3. When the Dreamline seating system is used for occupancy inside a motor vehicle, it is designed specifically for wheelchairs that are forward facing inside the motor vehicle.
4. When the Dreamline Seating system is used for occupancy inside a motor vehicle it must only be used in accordance with the wheelchair manufacturer's instructions.
5. Back supports with adjustable recline angles should not be tilted back more than 30 degrees to the vertical during travel in vehicles unless necessary for the medical & postural needs of the occupant.
6. If the back support must be adjusted to an angle that is greater than 30 degrees to the vertical during travel in a motor vehicle, the upper shoulder belt anchor point should be adjusted rearward to maintain belt contact with the wheelchair occupant's shoulder and chest.
7. Wheelchair mounted rigid trays that are not specifically designed for use during travel in motor vehicles should be...
 - a. Removed and secured separately in the vehicle, or
 - b. Secured to the wheelchair so they will not break free in a crash and
 - i. Be positioned with a gap of at least 75mm (3") between the back edge of the tray and the wheelchair occupant's abdomen and/or chest so as not to interfere with proper belt restraint use, and
 - ii. Have energy absorbing padding placed between the back edge of the tray and the wheelchair occupant.
8. The use of a postural pelvic belt attached to the wheelchair base or seat frame is encouraged during travel, but these belts should be positioned so they don't interfere with the proper positioning of crashworthy belt restraints, and they should not be relied on for occupant protection in crash situations unless the postural belt has been designed to comply with, and perform to, the requirements of 4.6, 5.2, and 5.3 of RESNA WC-4:2012, Section 19 (i.e. with WC19).
9. People who use wheelchairs should transfer to the vehicle seat and use the vehicle installed occupant-restraint systems when this is feasible.
10. There must be sufficient clear space around the wheelchair for the wheelchair occupant and other occupants inside the vehicle to remain safe during travel. Recommendations are made in Fig 8, 9 for Head Height (HHT) and rear space of 450mm from the users back with a Frontal Clear Zone (FCZ) of 650mm with pelvic / upper torso restraint or 950mm if there is only a pelvic restraint. This may not be achievable for wheelchair seated drivers. Wheelchair seated drivers must comply with the modified vehicle and transport approved restraint manufacturer's instructions.



TRANSPORTATION INSTRUCTIONS

The following components have all been tested & are both WC20 & ISO7176-19 certified for forward facing transportation with an occupant in a motor vehicle; Quick-release Seat Pan, All Dreamline Cushions, Dreamline Contour, Support, S3 & STX Backrests, Quick-release swing-down Hip guides & Armrests, Swing-down Pommel, both fixed & Swing-away laterals & Dreamline Axis Headrests. Dreamline Wheelchair Seating fully complies with RESNA WC-4:202, Section 20 & when used with a wheelchair frame which complies with RESNA WC-4:2012, Section 19 if used as a transportation device for an occupant in a motor vehicle.

Dreamline Wheelchair Seating has been designed to accommodate the proper use of vehicle anchored belt restraints with a rating of 16 out of 16 & pass level of A+ (Excellent): a) ease of properly positioning vehicle anchored belt restraints on the wheelchair passenger & b) the degree to which proper positioning of the belt restraints can be achieved.

1. The pelvic belt transport approved restraint should be worn low across the front of the pelvis near the junctions of the pelvis and thighs.
2. The angle of the transport approved pelvic belt restraint should be between 30 degrees to 75 degrees relative to the horizontal and ideally between 45 degrees to 75 degrees to the horizontal as shown in Fig 5.
3. The transport approved belt restraint buckle of three-point belt restraints should be placed in contact with the occupant's body and away from wheelchair components & should not be routed outside of the wheelchair wheels or over the wheelchair arm supports (Fig 6,7).
4. The junction of the shoulder belt & the pelvic belt of the transport approved three-point belt restraint should be located near the hip opposite the shoulder over which the diagonal belt crosses and not near the midline of the occupant (Fig 7).
5. Upper torso transport approved belt restraints should fit directly over, and in contact with, the middle of the shoulder (Fig 7)
6. Transport approved belt restraints should be adjusted to fit as snugly as possible, consistent with user comfort.
7. Transport approved belt restraints should not be worn twisted in a manner that reduces the area of contact of the belt webbing with the occupant.

ISO 16840-4

Dreamline Wheelchair Seating has been tested to comply with the requirements of ISO16840-4. Dreamline Wheelchair Seating will only comply if the corresponding wheelchair frame complies with the requirements of ISO7176-19. The frame must include anchorage points which comply with the requirements of ISO7176-19. Dreamline Wheelchair Seating have been designed and tested for forward facing travel in a motor vehicle. Dreamline Wheelchair seating will only comply if the corresponding wheelchair tie-down & occupant restraint system (WTORS) complies with ISO 10542-1.

INTENDED USE

This item is intended for persons with disabilities as a Backrest support for a wheelchair seat. If there are any questions about product installation or compatibility with the wheelchairs, ROLAPAL customer service should be consulted.

Indication: Partially or permanently non-ambulatory limited to a sitting position

Contra-indication: None



CAUTION - RISKS IDENTIFIED

- The BAC Positioning System must only be installed & adjusted by a qualified therapist or seating technician.
- Do not allow the occupant to sit in the seat if pain or evidence of pressure develops.
- This BAC positioning system can be positioned in many ways, take care to ensure the desired outcome is achieved for the occupant.
- Keep away from heaters and open flame – risk of fire.
- Dark colours may become very hot if left in direct sunlight. Burn risk.

REPORTING OF INCIDENTS

All serious incidents occurring in relation to the product must be reported to ROLAPAL Ltd and your competent authority!

DISCLAIMER

Because of the infinite adjustability of the Backrest support, Rolapal accepts no responsibility for the therapeutic outcome for the occupant. This is the responsibility of the prescribing seating therapist or technician.

REUSABILITY

The product is suitable for reuse. The reuse handover takes place after the product has been checked by the specialist trade.

SPECIAL STORAGE/HANDLING CONDITIONS

Do not store in environments above 50°. Do not store close to roofs to avoid heat. If not in use, please store in dust free environments.

PRODUCT LIFE EXPECTANCY

This item is expected to last between 2 – 5 years under normal use but this can change dramatically between users depending on the length of time in use, environment & weight of the user.

END OF LIFE RECYCLING

At the end of its useful life, the plastic shell is easily removed for recycling. BAC pads are general waste disposal.

GUARANTEE

Dreamline Backrests are manufactured to a very high standard and carry a guarantee against defects in materials and craftsmanship for a period of 18 months.

Any item found to be defective will be repaired or replaced at the discretion of Rolapal Ltd.

Goods must be returned to Rolapal Ltd for assessment and the new repaired or replaced item will be sent free of charge.

- **Installing the BAC positioning system to the backrest**

- a. Remove the Backrest Squab from the Backrest shell.
- b. Unzip & remove the cover.
- c. Insert the BAC Positioning System behind the backrest foam inner inside the cover (fig 1). The curved top of the BAC Positioning System matches the curved top of the backrest shell. The Soft Loop Velcro on the back surface of the cover attaches to the hook Velcro on the backrest shell.
- d. The backrest foam inner attaches via hook & loop to the front of the BAC Positioning System.
- e. Reinstall the cover over the foam inner & reinstall against the backrest shell.

- **Using the BAC Positioning System**

- a. First position the user's pelvis in the seat before attempting to alter the contours of the backrest as these will change as the pelvis position changes.
- b. Unzip the cover to access the BAC System at the rear of the foam.
- c. Slide out the BAC Positioning System from behind the foam inner.
- d. The BAC pads may be altered to match the shape of the user. Extra pads are included and may be used as required (only attempt this if you are a qualified seating therapist or under the supervision of a qualified seating therapist).
- e. Sit the BAC System behind the user to test the fit.
- f. Once the desired contours have been achieved take photos of the configuration for reference, then slip the BAC Positioning System back inside the cover behind the foam inner and zip it up.

- **Caring for the BAC Positioning System**

As the BAC System fits inside the cover, it is protected from soiling & will mainly not require cleaning.

Do not allow the components of the BAC System to become wet as this may destroy the adhesive bonding of the Velcro to each pad.

Air dry thoroughly before installing if accidentally becoming wet.

Dreamline

WHEELCHAIR SEATING



Posture adaptive

Pressure reactive

Performance effective

Ignite

SPLASH

Dreamline

WHEELCHAIR SEATING



Woven Air

snooza



Quality Assurance

Rolapal Ltd is an ISO 9001, 14001 & 45001 certified company!

Dreamline

WHEELCHAIR SEATING

by

ROLAPAL



Dr Dreamline

Check out our "How to"
Videos Pages

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ROLAPAL Ltd



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EC

REP

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