



ARMRESTS & HIP GUIDES








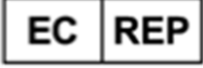




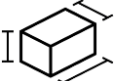
USER MANUAL



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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		

HIP GUIDE PAD



ARMREST (inserts into Hip Guide Bracket)



HIP GUIDE BRACKET OPTIONS

SWING-DOWN (NON-PIVOT)



SWING-DOWN (PIVOT)



CODES

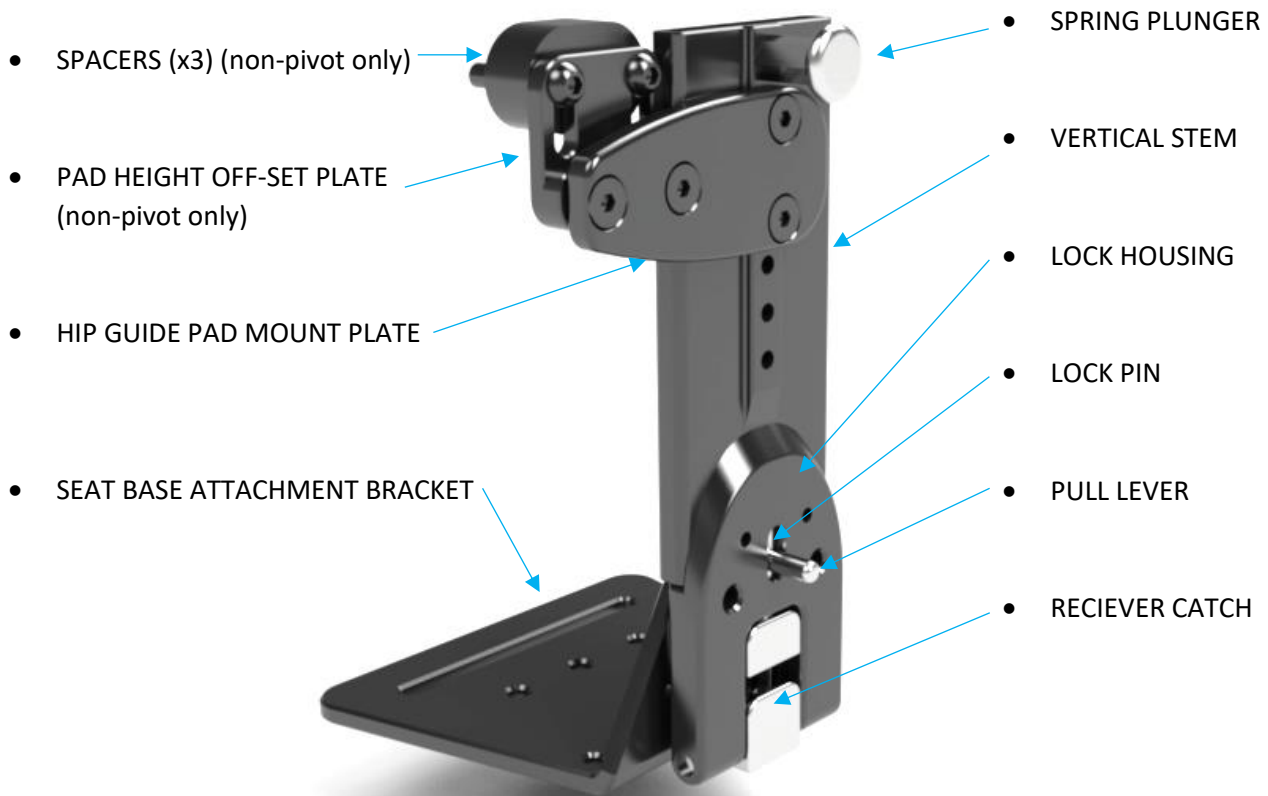
DESCRIPTION	12"	14"	16"	18"	CUSTOM
ARMREST (including Stem)	DAR12	DAR14	DAR16	DAR18	DARCUSTOM
ARMREST SPARE COVER	DARP12OC	DARP14OC	DARP16OC	DARP18OC	DARPCUSTOMOC
HIP GUIDE PAD	DHGP12	DHGP14	DHGP16	DHGP18	DHGPCUSTOM
HIP GUIDE PAD SPARE COVER	DHGP12OC	DHGP14OC	DHGP16OC	DHGP18OC	DHGPCUSTOMOC
SWING-DOWN HIP GUIDE BRACKET (STD)	DHGSD				
SWING-DOWN HIP GUIDE BRACKET (PIVOT)	DHGSDP				

WEIGHTS & DIMENSIONS

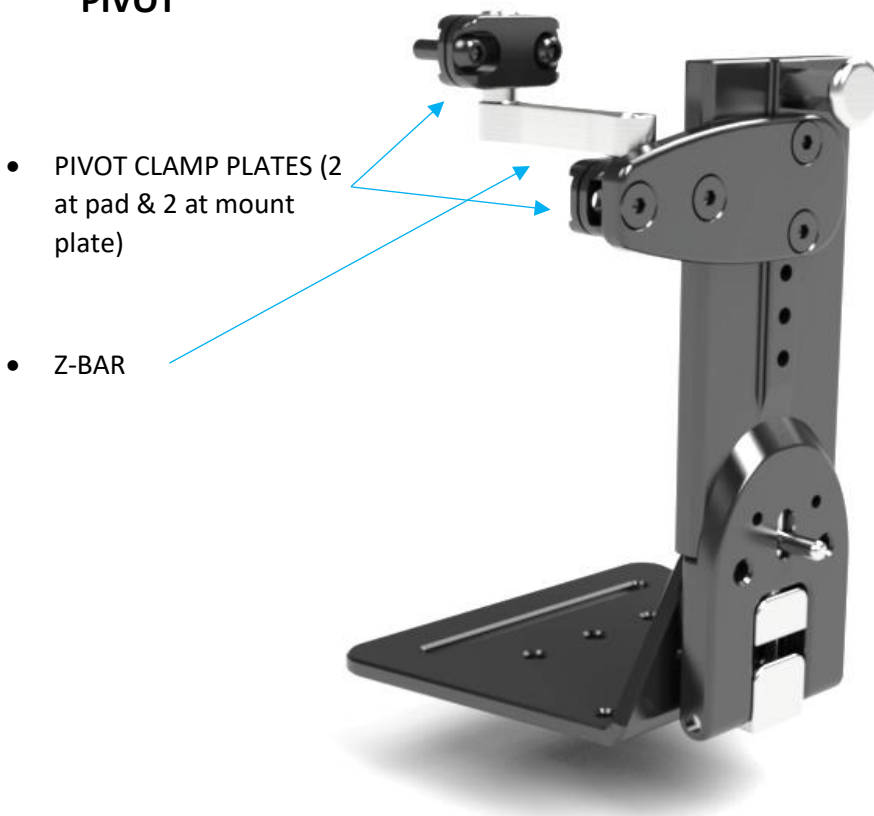
ITEM			
Swing-down Hip Guide (bracket & Pad)	1.2	136	45cm x 30cm x 10cm
Armrest	0.5	136	45cm x 25cm x 10cm

COMPONENTS OF A HIP GUIDE BRACKET

NON-PIVOT



PIVOT



INCLUDED IN THIS PACKAGE

HIP GUIDE PAD



- Foam inner x 1
- Hip guide Rigid Shell (aluminium)
- Coach nuts (inserted into slot inside) x 2
- Outer cover x 1

ARMREST



- Foam inner x 1
- Armrest Rigid Shell (Aluminium)
- Outer cover x 1
- Armrest Stem (attached to the armrest Shell)

SWING-DOWN HIP GUIDE BRACKET (NON-PIVOT)



- Hip guide swing-down stem
- Hip Guide seat Base attachment bracket
- Pad fastening kit (non-pivot)
 - M6 x 30mm button Socket Screws x 2
 - M6 x 12mm flat washers x 2
 - M6 spring washers x 2
 - Spacers x 3
- Seat base attachment kit
 - M6 x 25mm coach bolts x 2
 - Large aluminium washers x 2
 - M6 Nyloc nuts x 2

SWING-DOWN HIP GUIDE BRACKET (PIVOT)



- Hip guide swing-down stem
- Hip Guide seat Base attachment bracket
- Pad fastening kit (pivot)
 - M6 x 20mm button Socket Screws x 2
 - M6 spring washers x 2
 - Pivot clamp plates x 2
- Seat base attachment kit
 - M6 x 25mm coach bolts x 2
 - Large aluminium washers x 2
 - M6 Nyloc nuts x 2

Fig 4

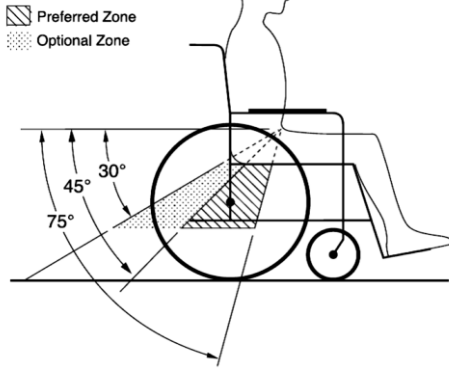


Fig 5



Fig 6

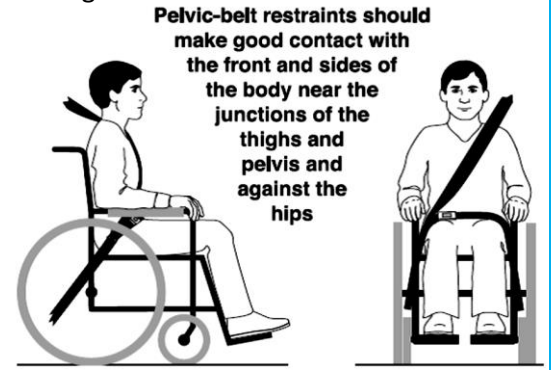
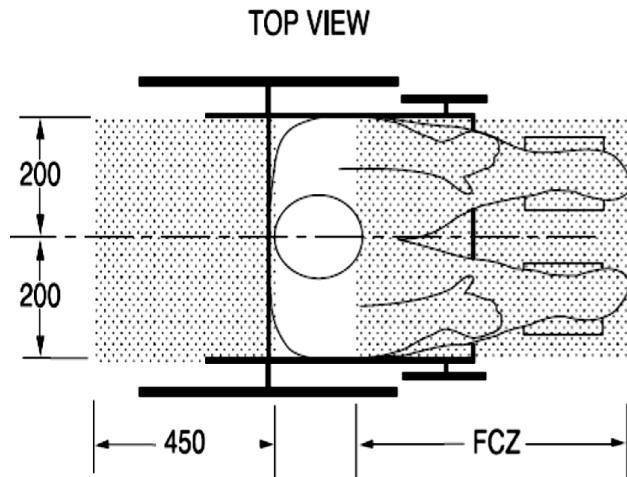


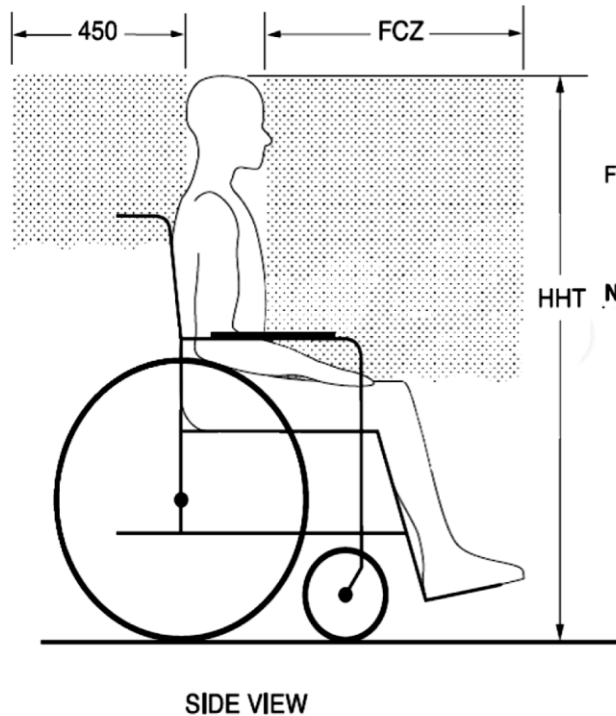
Fig 7



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.

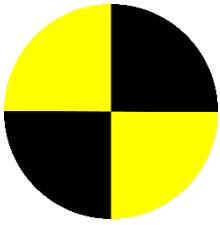
Recommended forward and rearward clear zones for wheelchair-seated occupants

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 7, 8 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's 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 5, 6).
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 6).
5. Upper torso transport approved belt restraints should fit directly over, and in contact with, the middle of the shoulder (Fig 6)
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.



INSTALLATION & OCCUPANT SAFETY

- These Hip guides & armrests must only be set-up & configured by a qualified seating therapist or technician.
- Fully read the instructions before installing the swing-down Abductor Pommel.
- Do not use these armrests or hip guides if they have become loose, broken, not in the desired position, or not working properly.
- Always ensure the hip guides are locked in place before using.
- Do not use if redness or pain develops in the region contacting the armrests or hip guides.
- Take care when removing or installing the Hip guides / armrests that the user is clear from the path of the swing.

INTENDED USE

This item is intended for persons with disabilities as Armrests & lateral hip / thigh positioning supports on 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

- Armrests & hip guides can be positioned in many ways, take care to ensure the desired outcome is achieved for the occupant.
- Impingement risk when swinging down hip guide – keep limbs clear of the path of the swing.
- Keep away from heaters and open flame – risk of fire.
- Hip Guide & Armrest pad cover is removable for cleaning. Do not use if these are not correctly in place.

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 hip guides & armrests, Rolapal accepts no responsibility for the therapeutic outcome for the occupant. This is the responsibility of the seating therapist or technician.

REUSABILITY

The product is suitable for reuse. The product must be cleaned & all cushioning & supports covers replaced. 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.

At the end of its useful life, all metal components are easily removed for recycling. Foam inner and cover are general waste disposal.

GUARANTEE

Dreamline Supports 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.

This guarantee does not cover items which are damaged from general “wear and tear”, misuse or negligence.

Fig 9

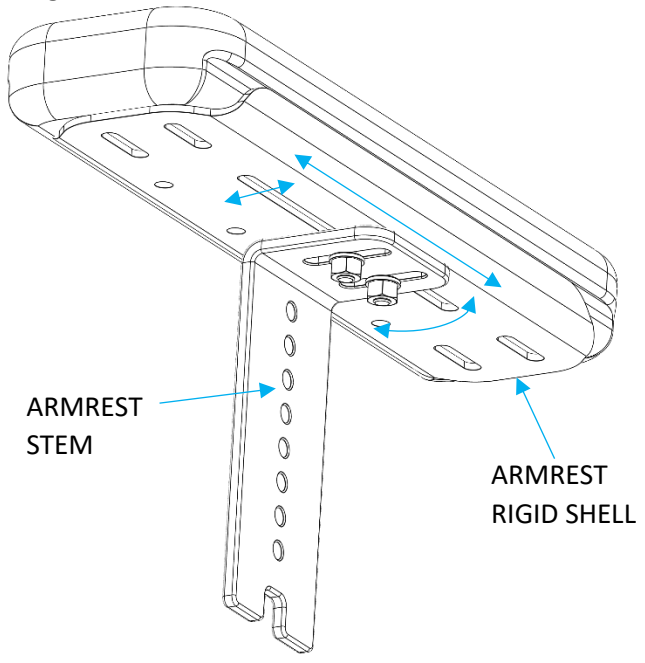


Fig 10

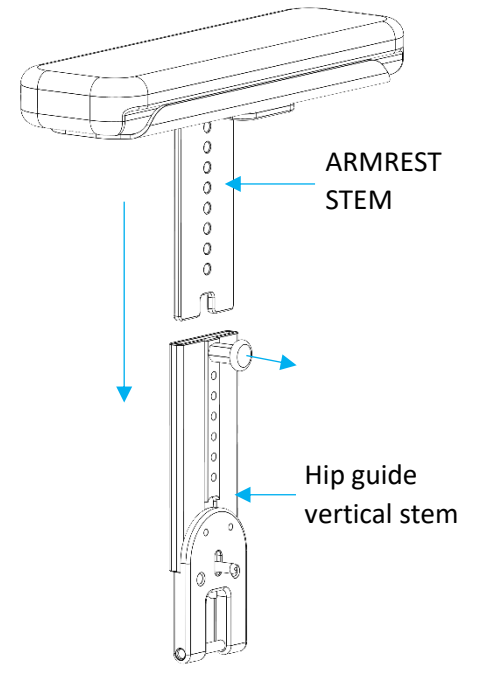


Fig 11

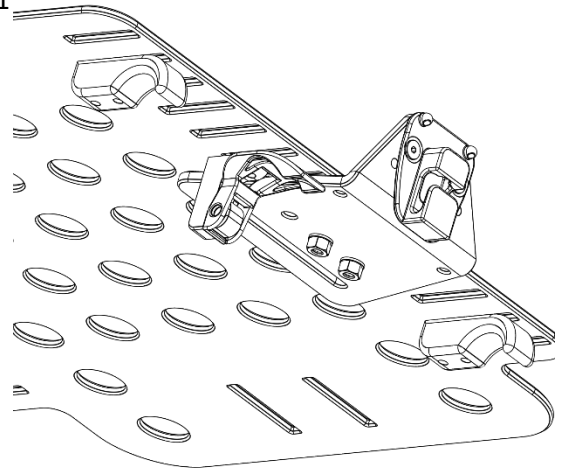


Fig 12

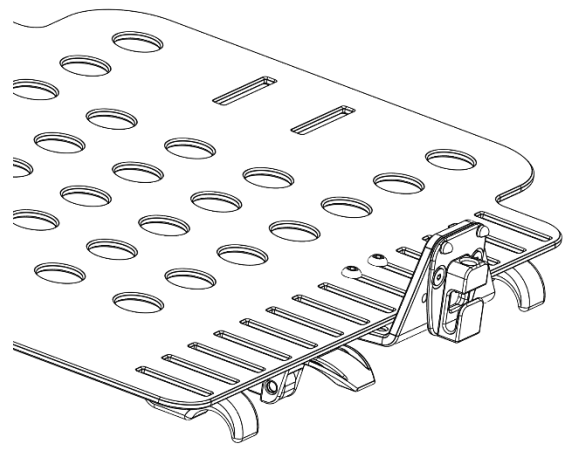


Fig 13

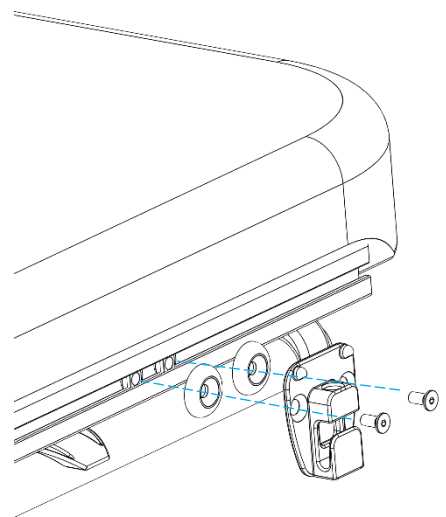


Fig 14

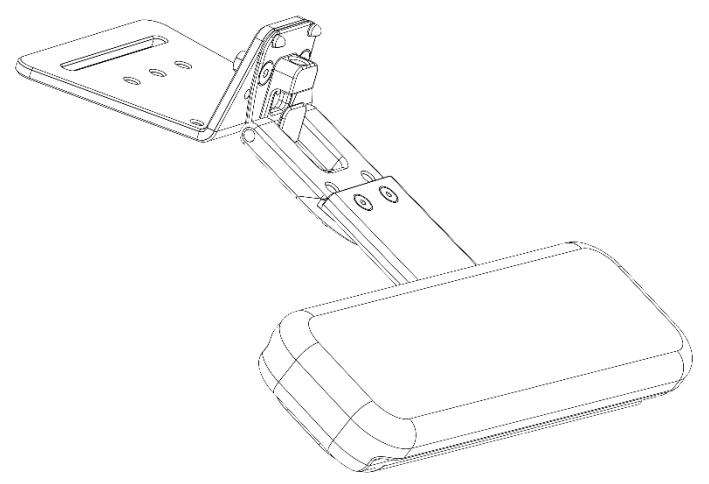


Fig 15

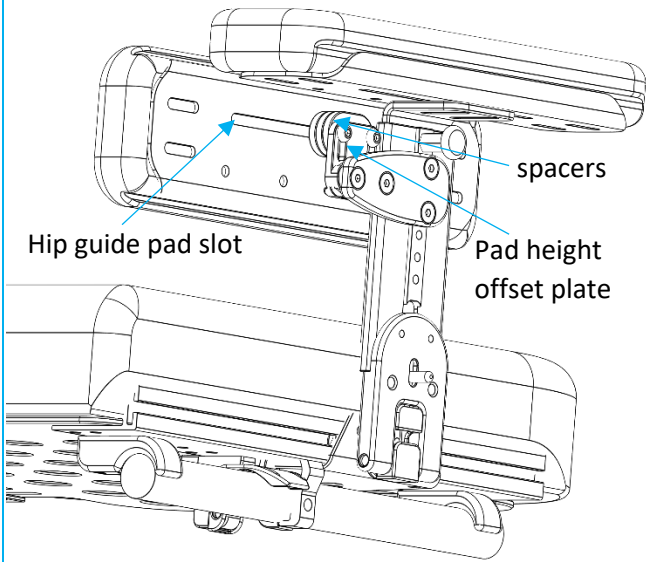


Fig 16

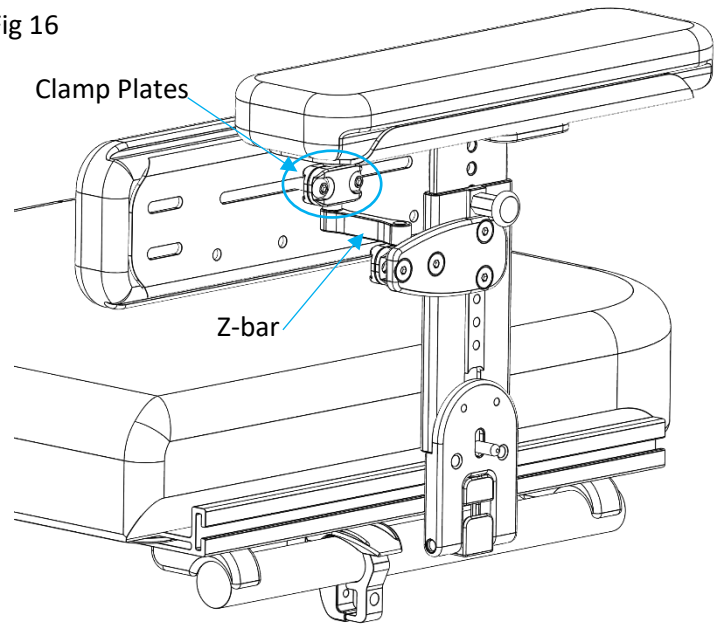
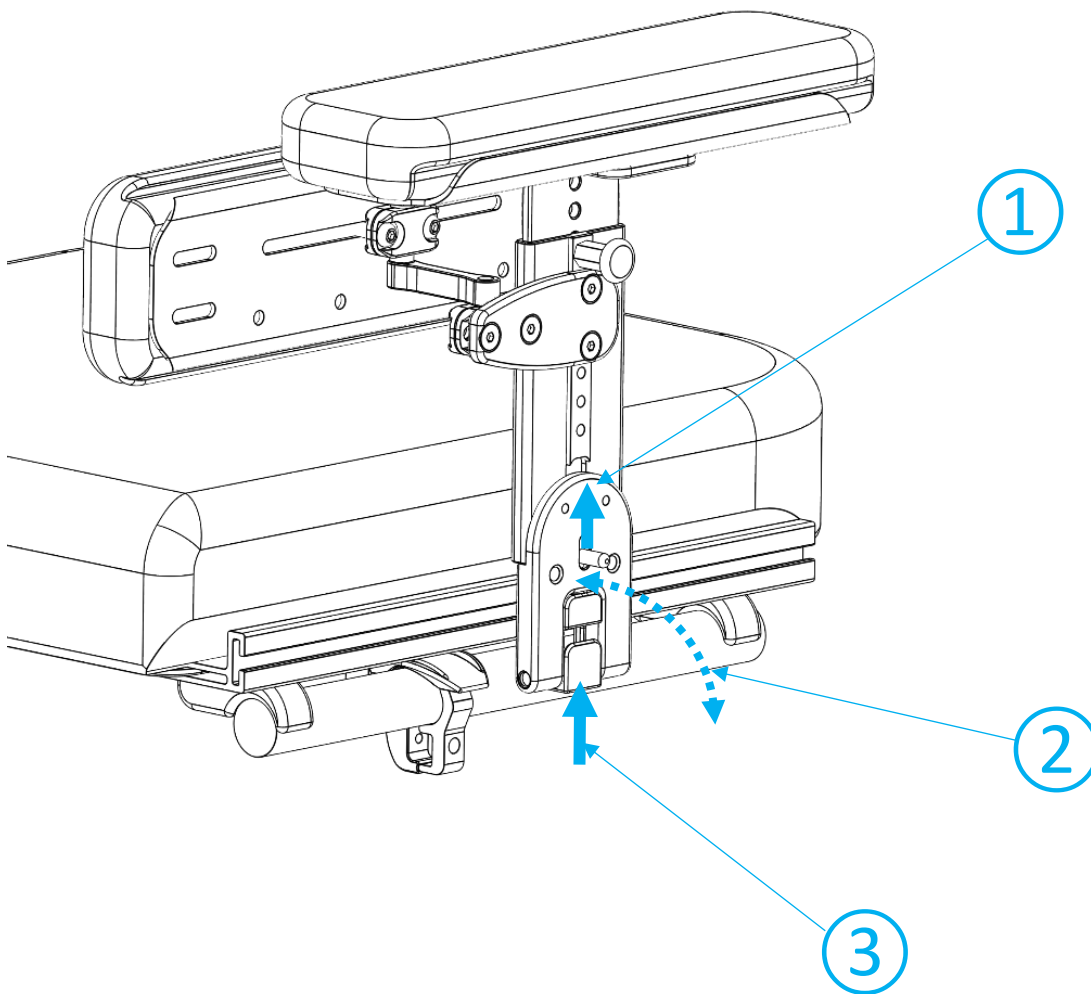


Fig 17



ARMREST INSTALLATION INSTRUCTIONS

1. Using a 10mm spanner, loosen the 2 nuts on the underside of the armrest rigid shell. The armrest pad can then be moved forward & back, in & out laterally & swivelled (Fig 9). Because the slot in the underside of the Armrest rigid shell is off-set from the centre the pad can be reversed to give more lateral off-set (in or out).
2. To insert the armrest into the hip guide bracket, pull the spring plunger outwards & insert the armrest stem inside the hip guide vertical stem. Holes on the Armrest stem enable incremental height adjustability (Fig 10).

HIP GUIDE TO SEAT BASE INSTALLATION INSTRUCTIONS

1. The Hip guide attaches to the underside of the seat base pan (Fig 11 / 12). Select the desired position & insert the coach bolts provided in the "Seat Base attachment kit" into the slots on the top side of the seat base pan then tighten into place using the large aluminium washers & nyloc nuts on the underside of the Hip guide seat base attachment bracket (page 4) with a 10mm spanner. By loosening the attachment nuts the hip guide bracket can be moved lateral & swivelled). Tighten nuts when in desired position.
2. Alternatively, the hip guide can be attached to a utility rail slot on the seat pan. A hardware kit for this mounting is provided with the Utility rail. Remove the hip guide receiver catch (page 4) from the seat base attachment bracket using a 4mm Allen Key & 10mm Spanner then using the hardware kit provided with the seat pan utility rail install the receiver catch to the utility rail as shown (Fig 13).

HIP GUIDE PAD TO HIP GUIDE BRACKET (NON-PIVOT) ATTACHMENT INSTRUCTIONS

Unzip the cover of the Hip guide pad to expose the coach nuts inserted inside the slots of the hip guide pad shell. Using a 4mm Allen Key & with the Pad Attachment Hardware Kit provided attach the hip guide pad to the pad height off-set plate on the hip guide bracket (page 4 & fig 15). Remove or add spacers to lateral offset as desired. Tighten all screws.

HIP GUIDE PAD TO HIP GUIDE BRACKET (PIVOT) ATTACHMENT INSTRUCTIONS

Unzip the cover of the Hip guide pad to expose the coach nuts inserted inside the slots of the hip guide pad shell. Attach the clamp plates to the hip guide pad Using a 4mm Allen Key & with the Pad Attachment Hardware Kit provided (2 spring washers & 2 m6 x 20mm Button socket screws). Ensure the orientation of the clamp plates a positioned so the Z-bar can be inserted. Attach the hip guide pad to the bracket by inserting the Z-bar into the clamp plates & adjust the pad position as desired. Tighten all screws.

OPERATING THE HIP GUIDES / ARMRESTS

- Lift the pull lever (Fig.17 / 1) & swing-down hip guide bracket (Fig.17 / 2), then to completely remove, lift the hip guide bracket out of the hip guide receiver catch hook (Fig.14 & 17 / 3).
- To re-engage, position the hinge pin into the receiver catch hook & swing up firmly to lock in place listening the engagement “click”.
- To adjust the armrest pad height, pull spring plunger outwards & raise or lower the armrest as desired (Fig.10).

CARE INSTRUCTIONS

The outer cover is removable for washing. (Nylon / Neoprene)

- Warm machine washable
- Drip dry only.
- Do not iron.
- Do not use strong chemicals or bleach.

Pad Foam inner

The foam inner is not designed to become wet as this reduces its lifespan, if becoming accidentally wet remove the cover and air dry thoroughly before reinstalling the cover.

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!

Issue Date: 30/08/2023

Dreamline

WHEELCHAIR SEATING

by

ROLAPAL



Dr Dreamline

Check out our "How to"
Videos Pages

Manufactured By:

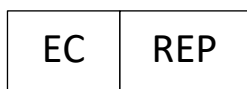


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