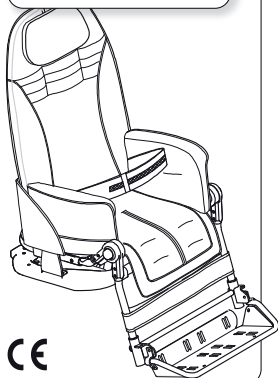


# BUG!

modular seating system

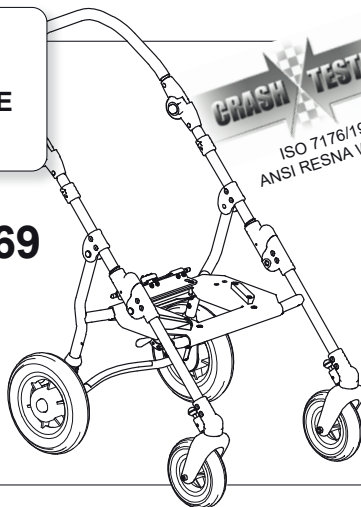
INGLESE - Cod. 22919 17-01-23

## SEAT UNIT



## with OUTDOOR BASE

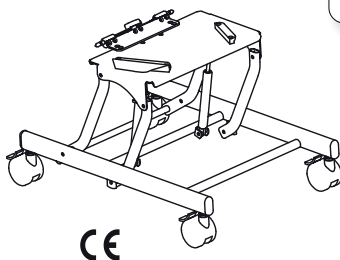
FOUR-WHEEL BASE **869**



**CRASH TESTED**

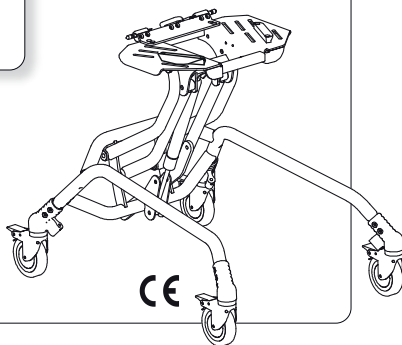
ISO 7176/19  
ANSI RESNA WC/19

HI-LOW COMPACT BASE **851**



## with INDOOR BASES

HI-LOW FEEDING BASE **856**



USE AND MAINTENANCE HANDBOOK

# ORMESA®

• MADE IN ITALY SINCE 1980 •







**Thank you** for choosing **Bug**, from ORMESA s.r.l.

**BUG** is a medical device designed and manufactured by ORMESA srl. ISO 13485 certified Italian company.

**We recommends that you read this manual very carefully to fully understand its contents.** In addition to help you become familiar with **BUG** quickly, it also contains practical tips for making the best use of it safely and keeping it in good working order.

If, after reading it, you still have questions, contact your retailer, who will be happy to help you, or call ORMESA directly at +39 0742 22927, send a fax to +39 0742 22637 or send an e-mail to: [info@ormesa.com](mailto:info@ormesa.com)

**Ormesa Team**



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## WARNINGS

- **CAREFULLY READ AND UNDERSTAND THE INSTRUCTIONS IN THIS MANUAL BEFORE USING THE DEVICE BECAUSE THEY HAVE BEEN WRITTEN WITH THE USER'S SAFETY IN MIND** and they will help the carer use the product safely and keep it in good working order. The Use and Maintenance Manual is an integral part of the product and must be carefully preserved for future reference.
- **The manual is intended for technically qualified retailers and users and their assistants**; it provides instructions for its correct use and must be supplemented by adequate knowledge of the rehabilitation program for which it has been prescribed.
- The manual reflects the technical state of the product at the time it was sold. **ORMESA s.r.l. reserves the right to make any changes to the product or manual** suggested by experience, technical considerations or regulatory developments without any obligation to update its previous production and relevant manual.
- **The use of the device and its accessories must be checked by a specialized doctor**, in conformity with the laws and standards in force.
- **The Bug is intended for use by people whose size and weight** fall within the range of the "Technical Specifications" on pages 30-31, 39, 45, and **was exclusively designed for the transport and placement of children**.
- **Bug is available in two sizes**: change to a larger device as the child grows
- **Bases 869 and 901 were designed for outdoor use. Bases 856, 851 are only intended for indoor use.**
- **The 812 direction locks on the front wheels of outdoor bases were exclusively designed to use the aid on rough terrain**: in all other cases, they must be disengaged to avoid difficulty in manoeuvring the device
- **The aid Bug with 869 and 901 bases, must be manoeuvred by people with the height and strength** to control its movements
- **Before each use always check that brakes are working, the wheels are not excessively worn and that the frame, backrest and footrest are locked**
- **Make sure that all adjustable parts are locked before each use**
- **When parking, always apply both brakes, even on level ground**
- **Always lock the brakes before making any type of adjustment**
- **The PADDED UPHOLSTERY IS FIRE-RETARDANT**: it conforms to class 1 IM of the Italian UNI 9177 standard. **KEEP however ALL THE ACCESSORIES AWAY FROM SOURCES OF IGNITION because THEY ARE NOT FIRE-RESISTANT**
- **THE FIRE RETARDANT PROPERTIES ARE INHERENT TO THE YARN AND THEY DO NOT COME FROM ADDITIONAL TREATMENTS**



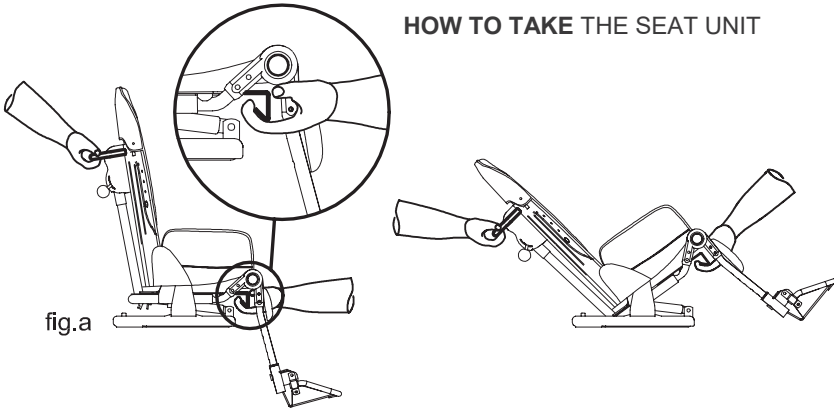
## USING THE SEAT UNIT WITHOUT THE USER



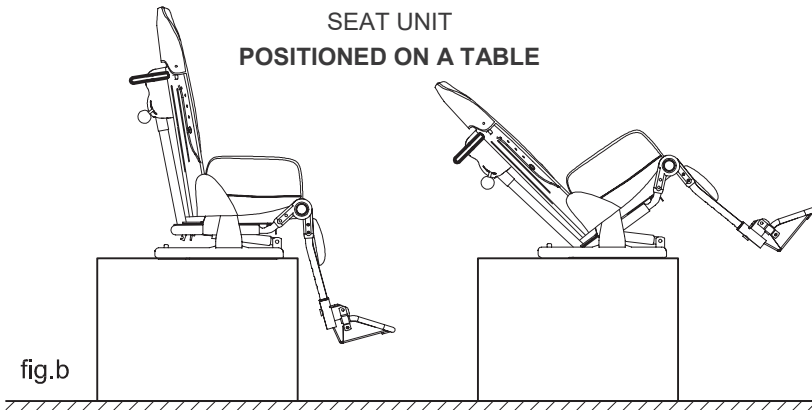
**THE BUG SEAT UNIT** can be **POSITIONED** on **EVERY FLAT SURFACE** see fig.b (table) and fig. c (floor) provided that the following INDICATIONS are followed:

Place the leg rest in extension or tilt it completely before placing the seat unit on the floor (Fig. c)

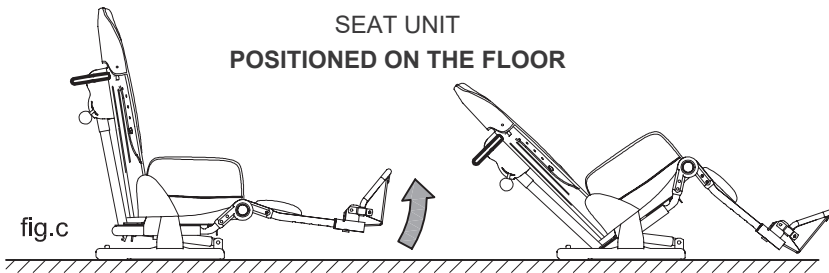
### HOW TO TAKE THE SEAT UNIT



### SEAT UNIT POSITIONED ON A TABLE



### SEAT UNIT POSITIONED ON THE FLOOR





## **USING THE SEAT UNIT WITH THE USER POSITIONED**

### **FIX THE SEAT TO THE FRAME**

According to the instructions given on page 33 for 869 base, on page 40 for 856 base, on page 46 for 851 base



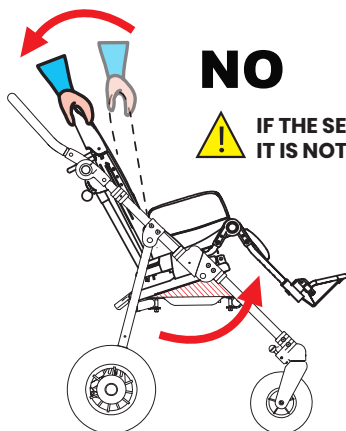
### **ATTENTION!**

**BEFORE POSITIONING THE CHILD, MAKE SURE THAT THE SEAT UNIT IS ATTACHED TO THE FRAME**



**OK**

**IF THE SEAT REMAINS ATTACHED**



**NO**

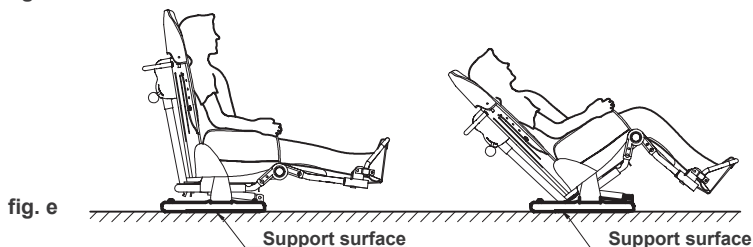
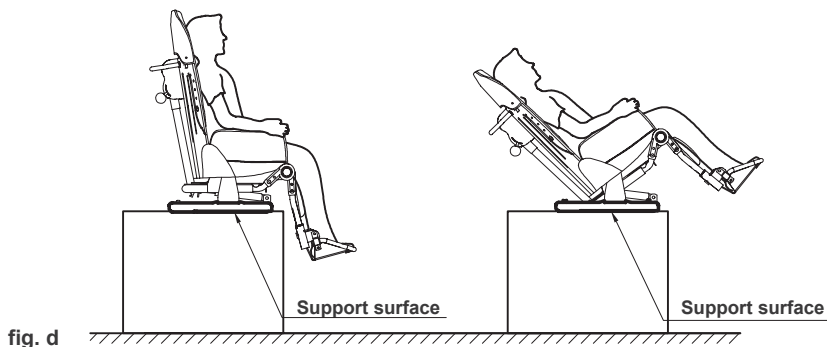


**IF THE SEAT TILTS,  
IT IS NOT ATTACHED**

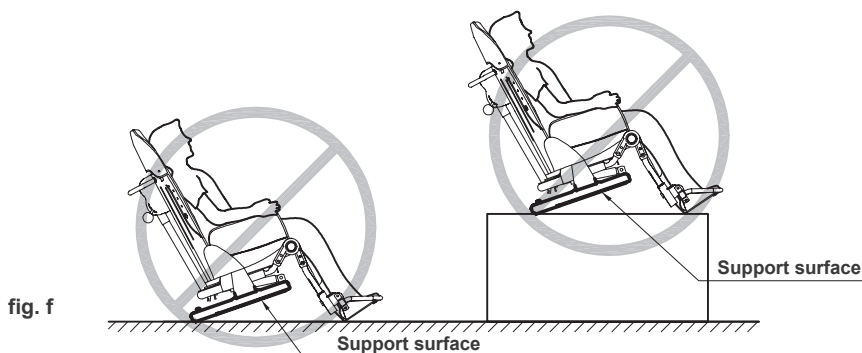


THE SEAT UNIT CAN ALSO BE USED SEPARATELY FROM THE FRAME (869 AND 856, 851 BASES) **FOR VERY SHORT PERIODS AND UNDER THE CAREFUL CONTROL OF AN ADULT.**

IN SUCH CASES MAKE SURE THAT THE WHOLE SUPPORT SURFACE OF THE SEAT UNIT IS IN CONTACT WITH THE TABLE OR THE FLOOR (see fig. d, e).



**NEVER POSITION THE SEAT UNIT IF THE BASE IS NOT PERFECTLY ADHERENT TO THE SUPPORT SURFACE** (see fig. f).





## **BUG IS A MECHANICAL MEDICAL DEVICE:**



**THE USER has to perform REGULAR MAINTENANCE and CLEANING** following the instructions shown in the "Maintenance" chapter on page 96-97-98-99-100 and **HAVE THE DEVICE INSPECTED AT THE INTERVALS INDICATED to VERIFY** that it is **WORKING PROPERLY** and in **GOOD CONDITION**, **otherwise warranty will fail and CE marking will lapse**



**PRODUCT REPAIRS other than the regular maintenance** shown on page 96-97-98-99-100 of the manual must be **ONLY MADE** by a **SPECIALIZED SERVICE CENTER** in the maintenance of mechanical aids for disables, **otherwise warranty and CE marking will be voided**



Any **CHANGES** in the product **ARE NOT AUTHORIZED**. **REFER ONLY TO ORMESA, otherwise warranty and CE marking will be voided**



The **REPLACEMENT WITHOUT ORIGINAL PARTS OR COMPONENTS ARE NOT AUTHORIZED**. **REFER ONLY TO ORMESA, otherwise warranty and CE marking will be voided**



In case of **DOUBT** about the **SAFETY** of the product or **DAMAGE** to parts or components, you are urged **to IMMEDIATELY DISCONTINUE USE** and **CONTACT a SPECIALIZED SERVICE CENTER** in the maintenance of mechanical aids for disables, or directly ORMESA.



**THE BUG 4-WHEEL STROLLER** (seat unit + 869 base) conforms to the **ISO 7176-19** and **ANSI RESNA WC/19** standard, which defines the **SAFETY REQUIREMENTS FOR TRANSPORT**, facing in the direction of travel, on **MOVING VEHICLES** (private cars, buses, etc.)



**FOR THE ASSEMBLY OF THE 891 ACCESSORY AND ANCHORING THE STROLLER TO THE VEHICLE**, **CAREFULLY READ THE INSTRUCTIONS AND NOTICES ON PAGES 14, 15, 16 and 17 OF THIS MANUAL**





## GUARANTEE

**ORMESA warrants the product for 2 years;** in case of problems, contact the retailer where you purchased it. Always ask for original spare parts, otherwise the guarantee will decline

### **ORMESA will not be liable for damage in the following cases:**

- *use by an unsuitable person;*
- *incorrect assembly of parts or accessories;*
- *unauthorized modifications or service;*
- *use of other than original replacement parts and parts subject to wear (upholstery, wheels, etc);*
- *improper use (such as, transporting objects or loads larger or heavier than those ones shown in the instruction manual);*
- *damage caused by incorrect use and lack of regular maintenance, as shown in the instruction manual;*
- *exceptional events;*
- *failure to follow the instructions in this manual.*

**THE GUARANTEE DOES NOT COVER WEAR PARTS,** which are subject to wear and tear, such as the upholsteries and the wheels.




## HOW TO STORE AND TRANSPORT THE MEDICAL DEVICE

**THE DEVICE MUST BE STORED AND PACKED** using the Ormesa original packaging materials, unless the guarantee will be voided

- Once unpacked, **THE TRANSPORT OF THE DEVICE** must be done by **ANCHORING** it **ADEQUATELY** to the vehicle
- When travelling by plane, or in the car, **DO NOT SUBJECT THE FOLDED FRAME TO LOADS THAT,** especially with road bumps, **COULD DAMAGE ITS STRUCTURE**

**THE DEVICE MUST BE PARKED / STORED IN CLOSED AND DRY PLACES**

- **THE OPERATING ENVIRONMENT HAS NO PARTICULAR INFLUENCE ON THE DEVICE UNLESS IT IS USED INCORRECTLY,** such as by leaving it parked for a long time in direct sunlight or exposed to bad weather such as rain, or in **MARINE ENVIRONMENTS,** where the salt air could corrode the paint and sliding parts. **IN THIS CASE, WE RECOMMEND CAREFULLY CLEANING AND DRYING THE FRAME FOLLOWING THE INSTRUCTIONS SHOWN IN THE “MAINTENANCE, CLEANING AND DISINFECTION” CHAPTER ON PAGES 96-97-98-99-100 AND THE WARNINGS**  **ON PAGE 96**



## WHAT NOT TO DO WITH THE PRODUCT

### **- DO NOT CARRY THE CHILD OVER ROUGH OR STEEP SURFACES OR STAIRS**

- **DO NOT ALLOW CHILDREN TO USE THE PRODUCT, NOT EVEN FOR PLAYING**
- **DO NOT PLACE HOT CONTAINERS OR OBJECTS ON THE TRAY SURFACE** BECAUSE THEY COULD TIP OVER AND BECAUSE THE COVERING COULD BE SEVERELY DAMAGED
- **DO NOT ATTACH WEIGHTS TO THE PUSH HANDLE OF THE PUSHCHAIR SO AS NOT TO PUT AT RISK ITS STABILITY DURING USE**
- **NEVER LEAVE THE CHILD ALONE IN THE DEVICE**
- **NEVER LEAVE THE PRODUCT PARKED ON A SLOPING SURFACE**

### **- DO NOT USE THE ALTERNATIVE PNEUMATIC WHEELS (BASE 869 FOR OUTDOOR USE) WITH FLAT TYRES, TO AVOID THE RISK OF TIPPING FROM LOSS OF STABILITY - TYRE PRESSURE 2.5 Atm, see the "MAINTENANCE" chapter on page 96**

- **DO NOT LET ANYONE CLIMB ONTO THE FOOTREST OR RIDE ON THE BACK OF THE OUTDOOR BASE**
- **DO NOT LIFT THE PRODUCT BY THE LEG SUPPORT FRAME OR FOOTREST** (i.e. TO CLIMB OVER OBSTACLE)
- **DO NOT USE THE PRODUCT TO CLIMB OR DESCEND STAIRS:** ITS STRUCTURE WAS NOT DESIGNED FOR THIS PURPOSE
- **NEVER LEAVE THE STROLLER PARKED FOR A LONG TIME IN DIRECT SUNLIGHT OR NEAR SOURCES OF HEAT:** THIS WILL AVOID OVERHEATING THE DEVICE AND DISCOLOURING THE UPHOLSTERY
- **DO NOT CLIMB PAVEMENTS OR STEPS WITH JUST THE STROLLER'S SIDE WHEELS** (FRONT AND BACK) OF THE 869 BASE (SEE FIG. ON PAGE 11), BECAUSE THEY COULD TIP OVER
- **When the SEAT is COMPLETELY TILTED BACKWARDS and the BACK is COMPLETELY RECLINED, DO NOT CLIMB OVER OBSTACLES OR STEEP SLOPES** that, SINCE THEY COULD EXCEED 12°, COULD CAUSE THE STROLLER TO TIP OVER (SEE FIG. PAGES 11)
- **DO NOT USE THE PRODUCT IF PARTS ARE MISSING OR DAMAGED. INSIST THAT ONLY ORIGINAL REPLACEMENT PARTS ARE USED BECAUSE ANY OTHER TYPE WILL VOID THE WARRANTY AND CE MARKING**
- **The Seat Unit Bug without 869 four wheels base has not been homologated ECE/44 or AS/NZS 1754 to be used as car seat. Bug+869 has been homologated for use according to ISO 7176/10 or ANSI RESNA WC/19 (see pag. 12-16)**



## HOW TO TILT THE BUG AND CLIMB UP PAVEMENTS

### BUG WITH 4-WHEEL BASE 869

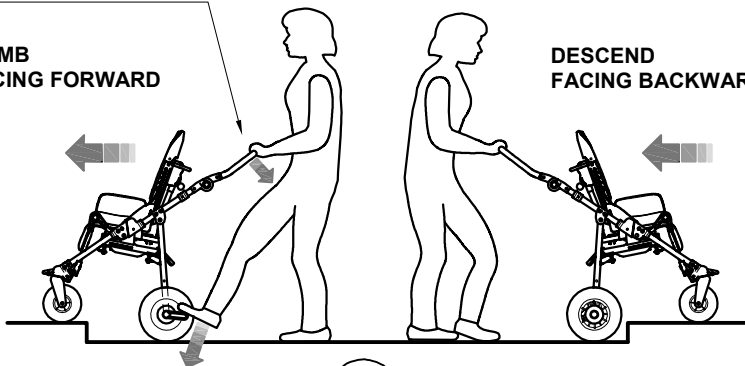
ATTENTION!

ADJUST THE HANDLE (see page 38) TO THE CORRECT HEIGHT FOR THE ATTENDANT to avoid excessive effort when climbing stairs and facilitate manoeuvres

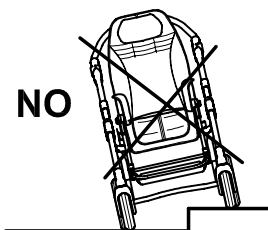
ADJUSTABLE HANDLEBAR

CLIMB  
FACING FORWARD

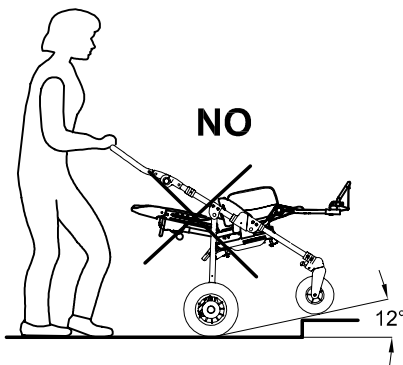
DESCEND  
FACING BACKWARD



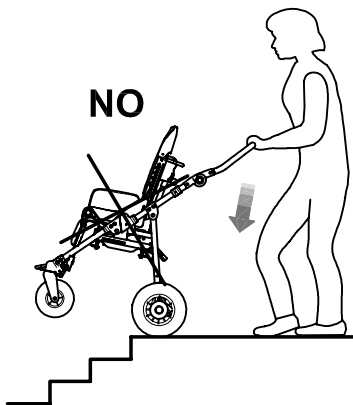
NO



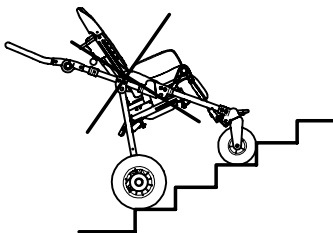
NO



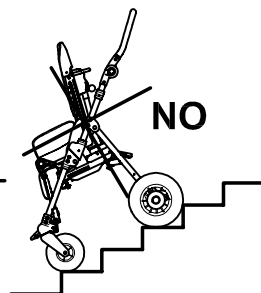
NO



NO



NO





## HOW TO USE THE BUG 4-WHEEL STROLLER WITH 869 BASE FOR TRANSPORT ON A MOVING VEHICLE (private cars, buses, etc.)

THE BUG 4-WHEEL STROLLER (seat unit + 869 base) conforms to the ISO 7176-19 and ANSI RESNA WC/19 standard, which defines the safety requirements for transport, facing in the direction of travel, on moving vehicles (private cars, buses, etc.).

In order to use it safely, carefully read the warnings and follow the instructions given on pages from 14 to 17.

- **THE PUSHCHAIR-SEATED OCCUPANT MUST FACE THE FRONT OF THE VEHICLE** (see fig. 4, page 17). According to the ISO 7176-19 point 6.3.4, compliance with ISO 7176-19 does not preclude using the pushchair facing rearward in large accessible vehicles equipped and approved with rear-facing wheelchair passenger stations
- **The child should weigh at least 22 kg (48.5 lbs)** because the CRASH TEST provided by the ISO and ANSI/RESNA standards only refers to wheelchairs/pushchairs for users whose weight is 22 kilos or more
- **THE VEHICLE MUST BE APPROVED FOR TRANSPORTING ORTHOPAEDIC WHEELCHAIRS/STROLLERS IN CONFORMITY WITH STANDARD ISO 7176-19** (see fig. 4, page 16)
- **THE CHILD MUST WEAR BOTH A LAP BELT AND A DIAGONAL SHOULDER BELT ISO 7176-19- OR ISO 10542-APPROVED** (i.e., belts with a label of conformity to these ISO standards). **THE USE OF A LAP BELT BY ITSELF IS NOT RECOMMENDED.** Postural belts, such as models 828, 853, 894, 903 and 906 are not type-approved for use as restraint systems and can only be used in addition
- **THE STROLLER MUST BE ANCHORED TO THE MOTOR VEHICLE WITH THE BACKREST AND THE LEGREST IN THE UPRIGHT POSITION** by: 1) a four-point strap-type tie down system that complies with ISO 10542-2, supplied by the vehicle and 2) our accessory 891 - set of 4 tie-down hooks (see fig. 1 and 2, page 14; fig. 3, page 15 and fig. 4, page 16)



### ATTENTION!

**ORMESA RECOMMENDS THE USE OF A COMPLETE ISO 10542-2-COMPLIANT "WTORS" SYSTEM, which consists of restraint systems for both the wheelchair and its occupant**

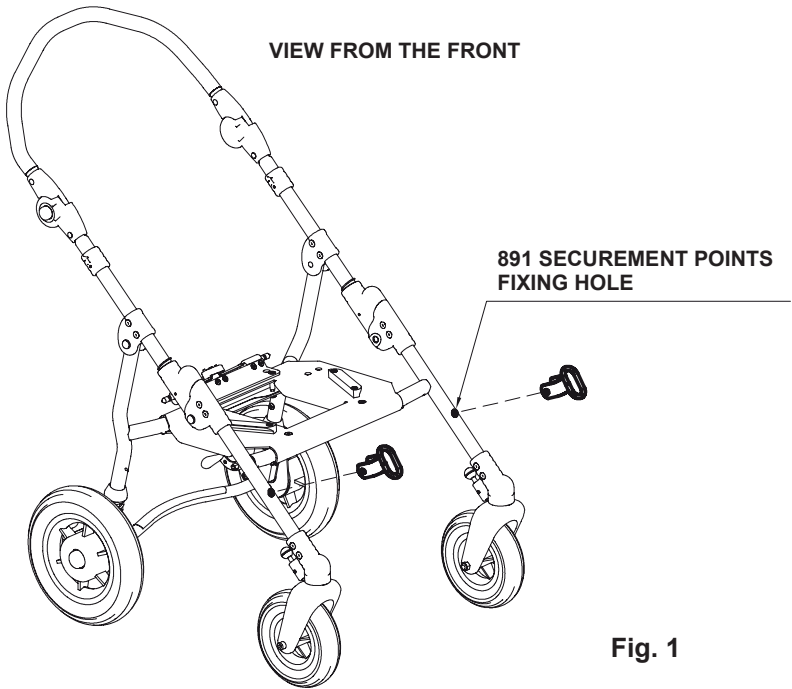
- **whenever the child is transferred on a seat of the vehicle, the unoccupied pushchair should be stored in a cargo area or secured in the vehicle during travel**
- **in order to preserve their effectiveness, belt restraints should not be held away from the body by wheelchair components or parts**, such as the wheelchair armrests or wheels (see fig 5 and 6, page 17)
- **shoulder-belt restraints should fit over the shoulders** (see fig. 5, page 17)
- **belt restraints should be adjusted as tightly as possible**, consistent with user comfort, and belt webbing should not be twisted when in use
- **in order to reduce the potential of injury to vehicle occupants, during the transport the tray and all accessories should be removed and secured separately in the vehicle**

**THE STROLLER MUST BE INSPECTED BY THE MANUFACTURER OR ITS AUTHORIZED RETAILER OR DISTRIBUTOR BEFORE REUSE FOLLOWING INVOLVEMENT IN ANY TYPE OF VEHICLE COLLISION**

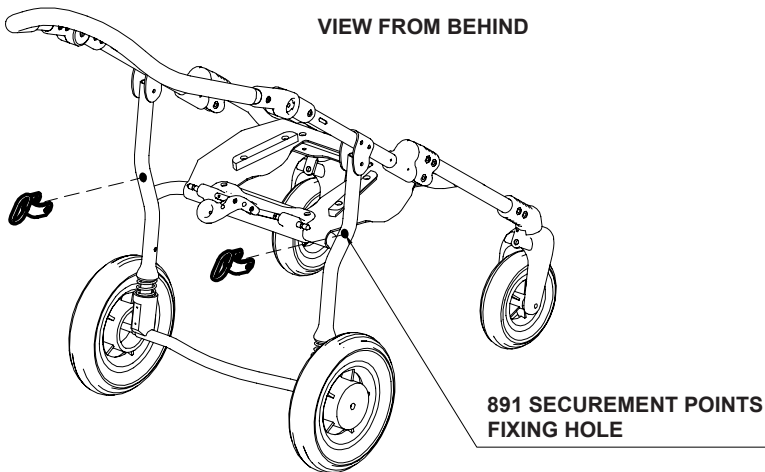
**ANY ALTERATION OR SUBSTITUTION OF THE 891 TIEDOWN HOOKS OR STROLLER PARTS OR COMPONENTS, WITHOUT THE WRITTEN AUTHORIZATION OF ORMESA SRL, IS FORBIDDEN AND WILL VOID THE  MARK AND THE WARRANTY**



- 1) POSITION THE 891 TIEDOWN HOOKS (4 RINGS) ON THE POINTS (NOTCHES) INDICATED ON THE FRAME (only for the 4-wheel 869 base) AND FIX THEM FOLLOWING THE INSTRUCTIONS ON PAGE 15**



**Fig. 1**



**Fig. 2**

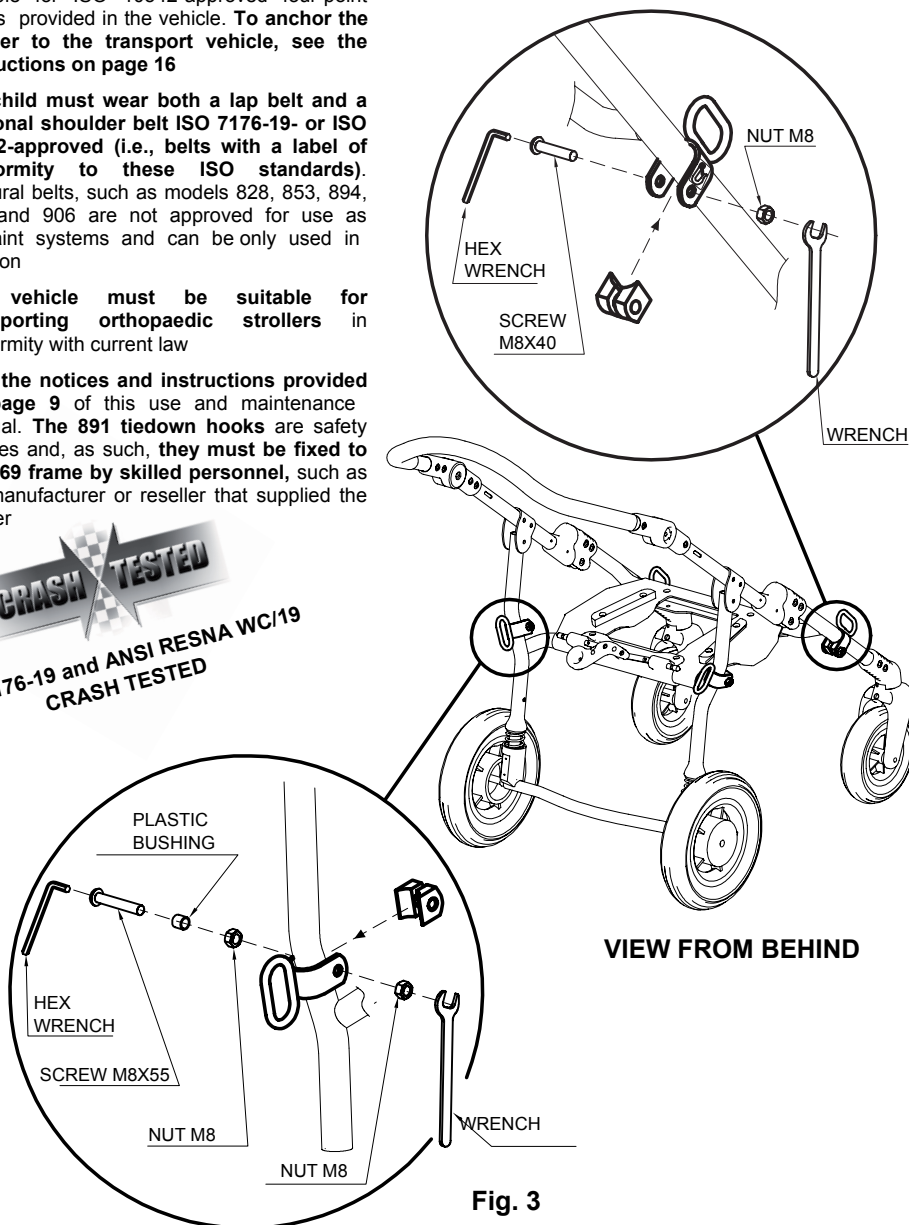


## 2) HOW TO FIX THE 891 TIEDOWN (4 RINGS) ON THE FRAME (only for 4-wheel 869 base)

### ATTENTION:

- suitable for ISO 10542-approved four-point straps provided in the vehicle. **To anchor the stroller to the transport vehicle, see the instructions on page 16**
- **the child must wear both a lap belt and a diagonal shoulder belt ISO 7176-19- or ISO 10542-approved (i.e., belts with a label of conformity to these ISO standards).** Postural belts, such as models 828, 853, 894, 903 and 906 are not approved for use as restraint systems and can be only used in addition
- **the vehicle must be suitable for transporting orthopaedic strollers** in conformity with current law
- **read the notices and instructions provided on page 9** of this use and maintenance manual. **The 891 tiedown hooks are safety devices and, as such, they must be fixed to the 869 frame by skilled personnel, such as the manufacturer or reseller that supplied the stroller**

**CRASH TESTED**  
ISO 7176-19 and ANSI RESNA WC/19  
**CRASH TESTED**



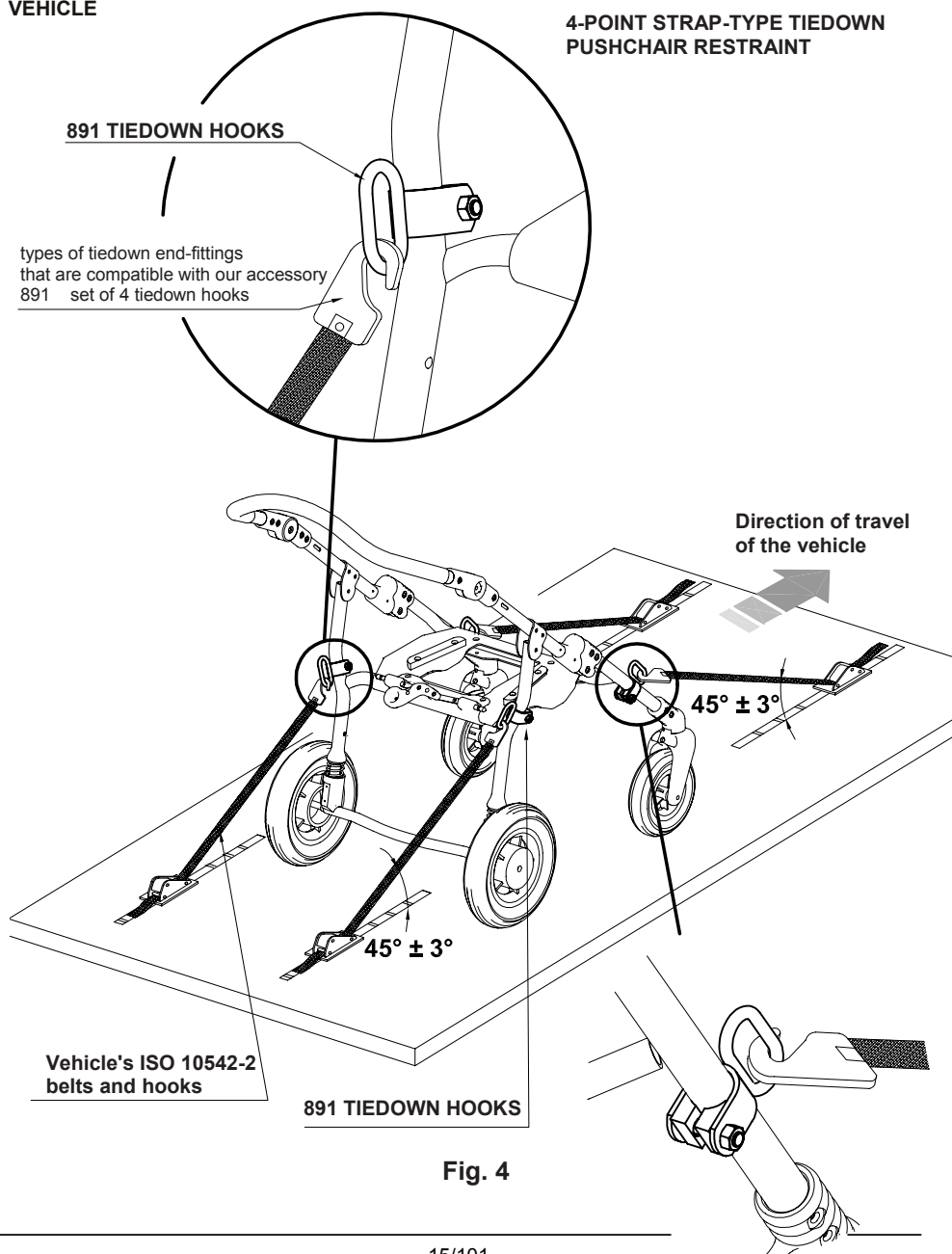
**Fig. 3**



### 3) HOW THE STROLLERIS TO BE SECURED IN A VEHICLE

HOOK THE APPROVED 4-POINT BELTS OF THE VEHICLE TO THE 891-4 TIEDOWN HOOKS (4 RINGS) AS SHOWN IN THE FIGURE AND IN THE DIRECTION OF TRAVEL OF THE VEHICLE

4-POINT STRAP-TYPE TIEDOWN  
PUSHCHAIR RESTRAINT



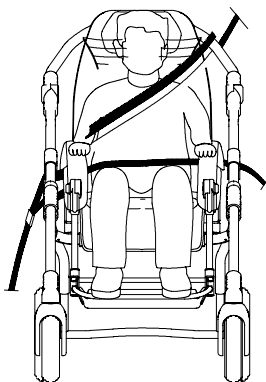


#### 4) THE CORRECT POSITIONING OF OCCUPANT BELT RESTRAINTS ON THE USER

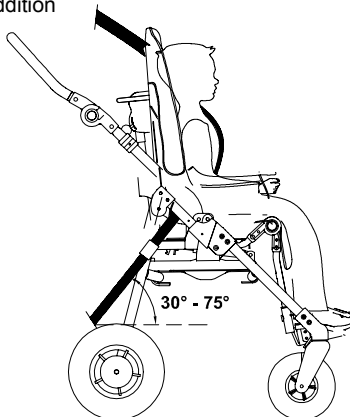
**ATTENTION!** the pelvic-belt restraint should be worn low across the front of the pelvis, so that the angle of the pelvic-belt restraint is within the preferred zone of  $30^{\circ}$  to  $75^{\circ}$  to the horizontal, similar to that shown in Figure 5. A steeper (greater) angle within the preferred zone is desirable,

**ATTENTION!** Our belts, straps, vests and harnesses are not intended to be as an occupant restraint in a moving, but they can be used in addition

**YES**  
beneath  
the armrest  
and the  
frame



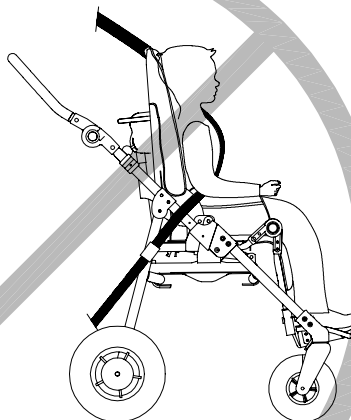
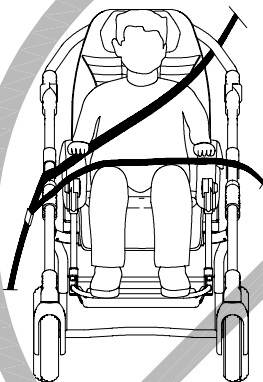
FRONT VIEW



SIDE VIEW

Fig. 5

**NO**  
above  
the armrest  
and the  
frame



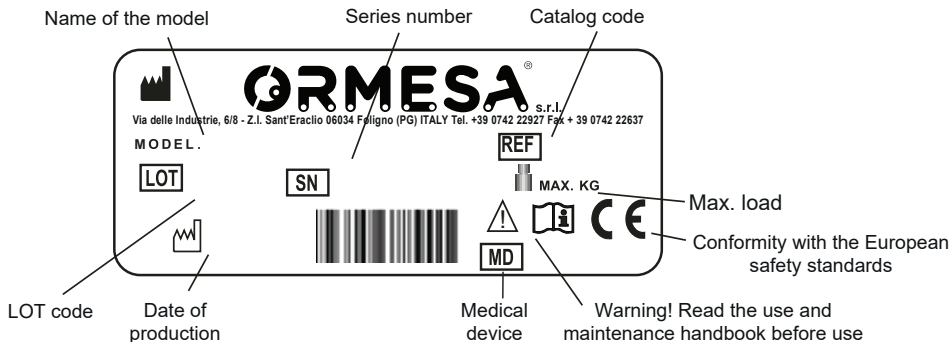
THE INCORRECT PLACEMENT OF BELT RESTRAINTS

Fig. 6





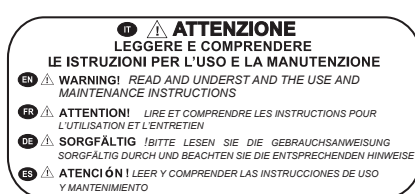
## LABELS AND PLATES



THE CE MARKING CERTIFIES THAT BUG MODULAR SEATING SYSTEM CONFORMS TO THE SAFETY REQUIREMENTS defined with the REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 applicable for MEDICAL DEVICE



SECUREMENT POINT FOR THE ANCHORAGE OF THE ISO 10542-2 APPROVED 4-POINT STRAP-TYPE TIEDOWN SUPPLIED BY THOSE VEHICLE WHICH ARE SUITABLE FOR TRANSPORTING ORTHOPEDIC PUSHCHAIR IN COMPLIANCE WITH THE ISO 7176-19 STANDARD



**PUSH**  
**TO UNLOCK**



## WHAT Bug IS

**BUG is a postural seating unit for children with disabilities who need special supports, supports and adjustments** (such as in case of infantile cerebral palsy, degenerative diseases, generative disorders, bone deformities) easily adaptable thanks to its modularity.

The use of BUG and its components always **requires the prescription of a physician that verifies also its use.**

BUG follows the child's growth thanks to its **wide range of adjustments and it has a tilt and recline system included in the seat (and not in the frame), that allows you to maintain the same posture with the 3 different bases:**

- 869 Outdoor 4-wheel base;
- 901 Outdoor 3-wheel base
- 856 High-low adjustable base 856.

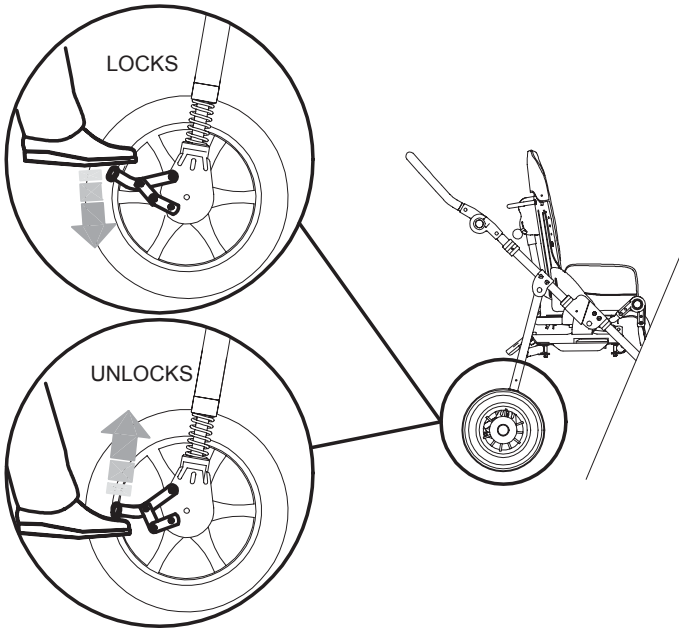
**The device must be prescribed by a specialized physician, configured and adjusted by a healthcare professional authorized by the NNS.**

## TECHNICAL FEATURES

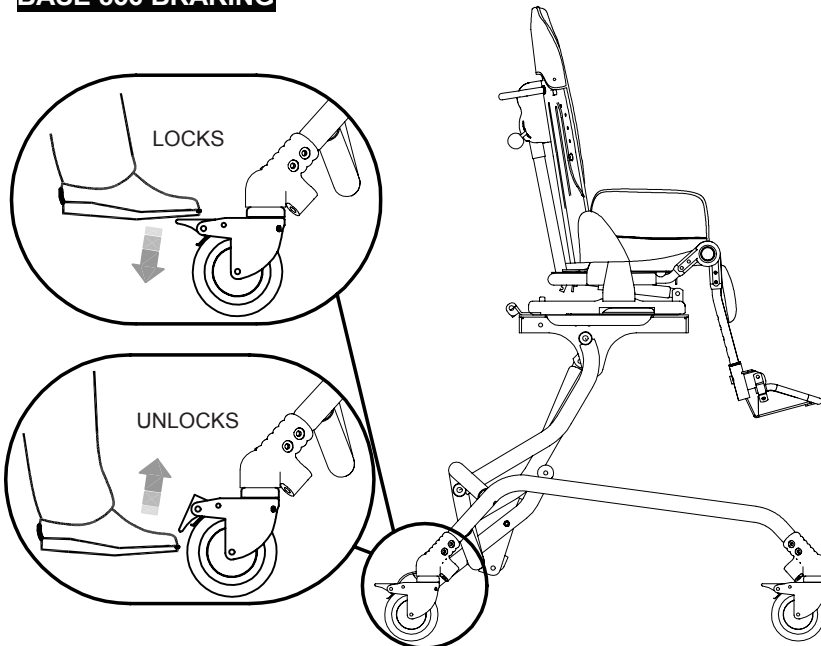
- **FRAME** foldable, lightweight (aluminium), with a narrow base, easy to push and maneuver (compact, its wheels do not protrude from the 4-wheel-base). Sturdy and durable, has passed all stability/fatigue and safety tests, required by the international laws, in specialized
- **BACKREST** rigid, retentive and able to recline of 40°. Its hinge coincides with the user's hip physiological fulcrum, so as to avoid that, during the adjustment, the reclining movement causes the user sliding forward. Height-adjustable by 10 cm size Small and 15 cm size Medium. With slots for inserting the accessories.
- **HEADREST** incorporated into the backrest, so that the child's head is always supported during the tilt adjustments of the seat and of the backrest, even without accessories.
- **SEAT** width and depth adjustable by 10 cm in each direction. Reversible size Small
- **TILT-IN-SPACE SYSTEM INCORPORATED IN THE SEAT** so that, after removing or transferring the seat, it is not needed to reposition the posture. **SAFE** because adjustments can be easily operated by the carer with one only hand, without effort. **COMFORTABLE** because the tilting movement is continuous, without jerks. Size Small can be tilted from 0° to 35°; size Medium from 7° to 30°.
- **LEGREST** adjustable in height and tilt. The hinge coincides with the child's knee physiological fulcrum, so as to avoid that the legrest movement may cause any sliding or change of posture of the child.
- **FOOTREST** tip-up and flexion-extension adjustable.
- **CUSHION** padded, ergonomic, removable and attachable to the seat with press studs.
  - **Fireproof fabric:** the fire retardant properties are inherent in the yarn and they do not come from additional treatments, made after the weaving.
  - **Recyclable fabric:** production cycle with low environmental impact.
  - **Maximum resistance to rubbing**
  - **Oeko-Tex Certificate:** for all fabrics that are in direct contact with the skin, to guarantee quality and safety for health.
  - **Durable and highly resistant colours** to sweat, light and dry cleaning and washing machine.
- **puncture proof WHEELS. Outdoor base 869:** front 17 cm; back 25 cm size Small, 30 cm size Medium. **Outdoor base 869:** front 17 cm, back 30 cm. With independent drum brakes, directional locks and shock absorbers; light and easy to push on every surface.
- **Feeding base for indoor use 869,** adjustable in height: 10 cm swivelling, with brakes.
- **Feeding base for indoor use 851,** adjustable in height: 7,5 cm swivelling, with brakes.
- **4 SIZES in 2:** the seat unit grows with a child.



## BASE 869 BRAKING



## BASE 856 BRAKING





## INITIAL PREPARATION

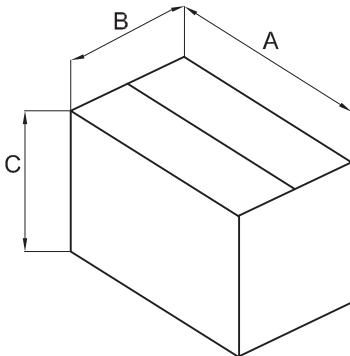
### PACKAGING INFORMATION

BUG with 869 BASE		A cm	A Inches	B cm	B Inches	C cm	C Inches	VOLUME m <sup>3</sup>	VOLUME Inches <sup>3</sup>	WEIGHT kg	WEIGHT Libbres
	Size SMALL	95	37,4	65	25,5	48	18,8	0.296	18.063	24	52,9
	Size MEDIUM	75	29,5	65	25,5	103	40,5	0.502	30.633	32	70,5

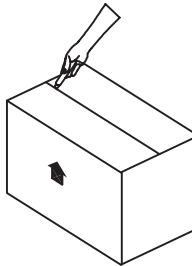
BUG with 856 BASE		A cm	A Inches	B cm	B Inches	C cm	C Inches	VOLUME m <sup>3</sup>	VOLUME Inches <sup>3</sup>	WEIGHT kg	WEIGHT Libbres
	Size SMALL	75	29,5	65	25,5	68	26,7	0.331	20.198	30	66
	Size MEDIUM	75	29,5	65	25,5	88	34,6	0.429	26.179	35	77

BUG with 851 BASE		A cm	A Inches	B cm	B Inches	C cm	C Inches	VOLUME m <sup>3</sup>	VOLUME Inches <sup>3</sup>	WEIGHT kg	WEIGHT Libbres
	Size SMALL	70	27,5	60	23,6	110	43,3	0.462	28.192	25	55
	Size MEDIUM	70	27,5	60	23,6	110	43,3	0.462	28.192	30	66

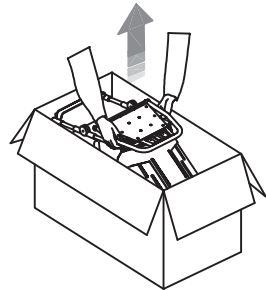
### REMOVING Bug FROM THE BOX



**1** ATTENTION!  
CUT WITHOUT PRESSING  
TOO HARD WITH THE BLADE  
SO AS NOT TO DAMAGE  
THE CONTENTS OF THE BOX

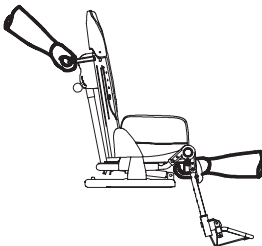


**2**  
REMOVE THE SEAT FROM  
THE BOX AND THEN THE  
FRAME

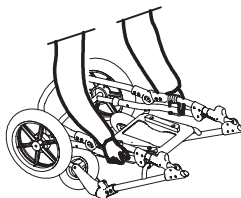


### HOW and WHERE TO HOLD the COMPONENTS of BUG

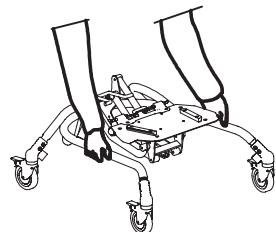
Seat unit



Base 869

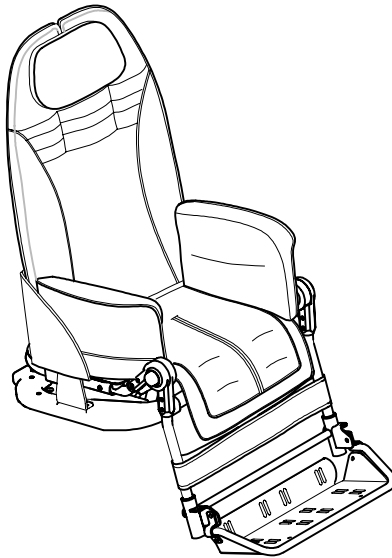


Base 856





# Bug SEAT UNIT



**THE ADJUSTMENTS HEREINAFTER SPECIFIED ARE  
FOR THE SEAT UNIT ON THE 869, 856 and 851 base**

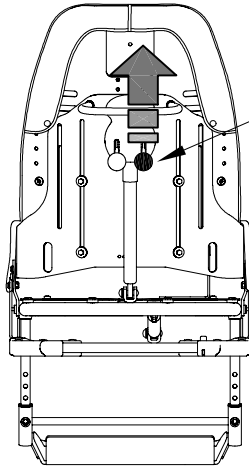


## SEATING UNIT ADJUSTMENTS ON BASES

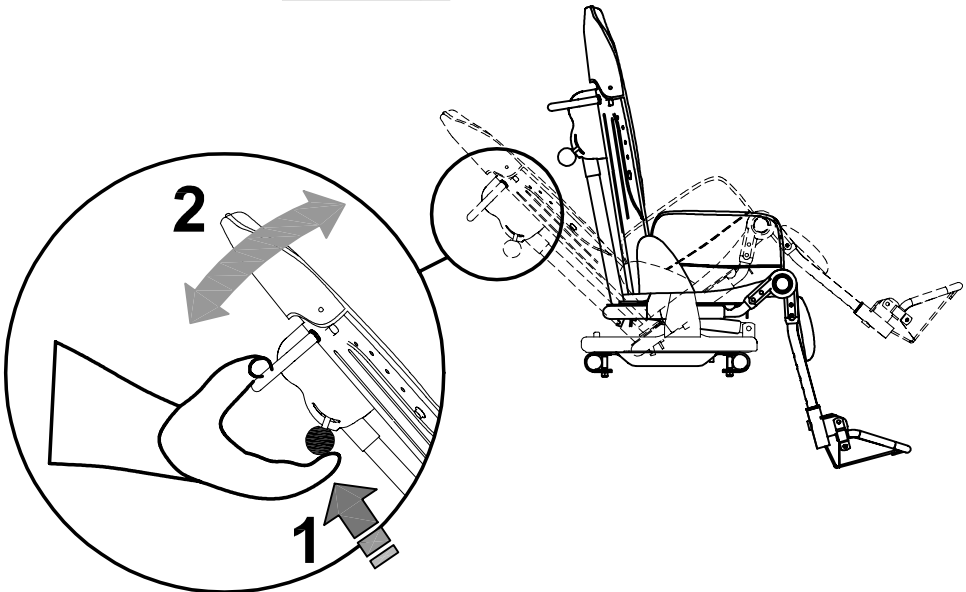
### ADJUSTING THE INCLINATION OF THE SEAT (TILT-IN-SPACE SYSTEM)

1. PULL UP THE GREEN KNOB
2. TILT THE SEAT KEEPING THE KNOB PULLED AND RELEASE IT WHEN ADJUSTED TO THE DESIRED POSITION

VIEW FROM BEHIND



**GREEN KNOB**  
FOR ADJUSTING THE INCLINATION  
OF THE SEAT



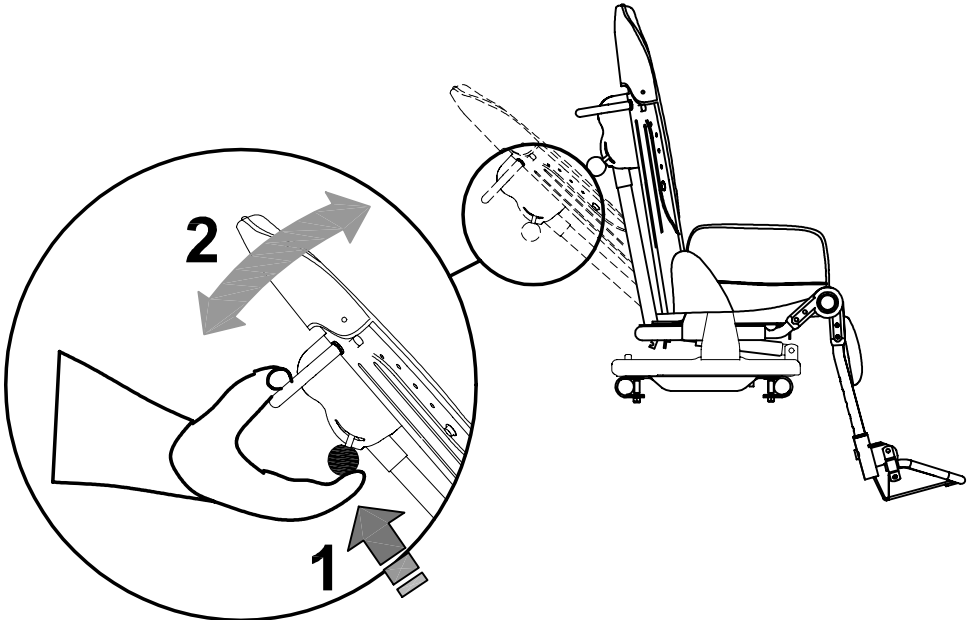
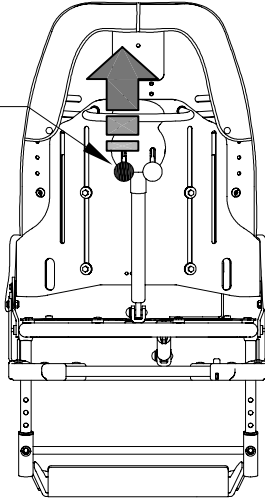


## RECLINING THE BACKREST

1. PULL UP THE RED KNOB
2. RECLINE THE BACKREST, KEEPING THE KNOB PULLED AND RELEASE IT WHEN THE BACKREST HAS REACHED THE DESIRED POSITION

VIEW FROM BEHIND

**RED KNOB**  
FOR ADJUSTING THE  
RECLINING BACKREST

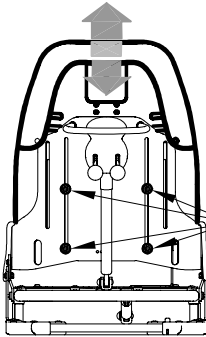




## ADJUSTING THE HEIGHT OF THE BACKREST

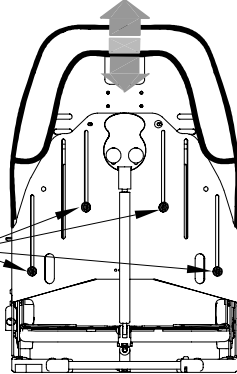
- **LOOSEN THE FOUR SCREWS** LOCATED ON THE REAR OF THE BACKREST WITH THE PROVIDED WRENCH
- **SLIDE THE BACKREST** TO THE DESIRED POSITION
- **TIGHTEN THE SCREWS**
- **FIX THE EXTENSION OF THE BACKREST CUSHION**

VIEW FROM BEHIND



**BUG SMALL**

VIEW FROM BEHIND

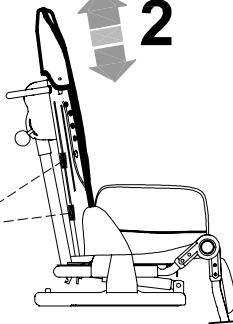


**BUG MEDIUM**



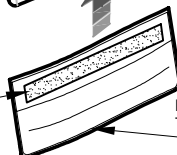
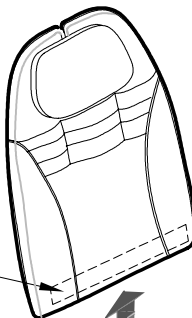
**1**

WRENCH



BUTTONHOLE VELCRO  
ON THE BACK OF THE CUSHION

HOOK VELCRO



EXTENSION OF  
THE BACKREST CUSHION

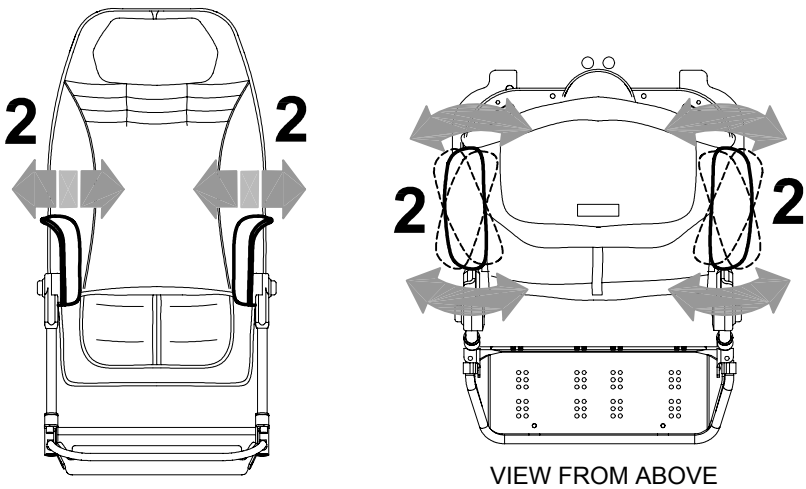
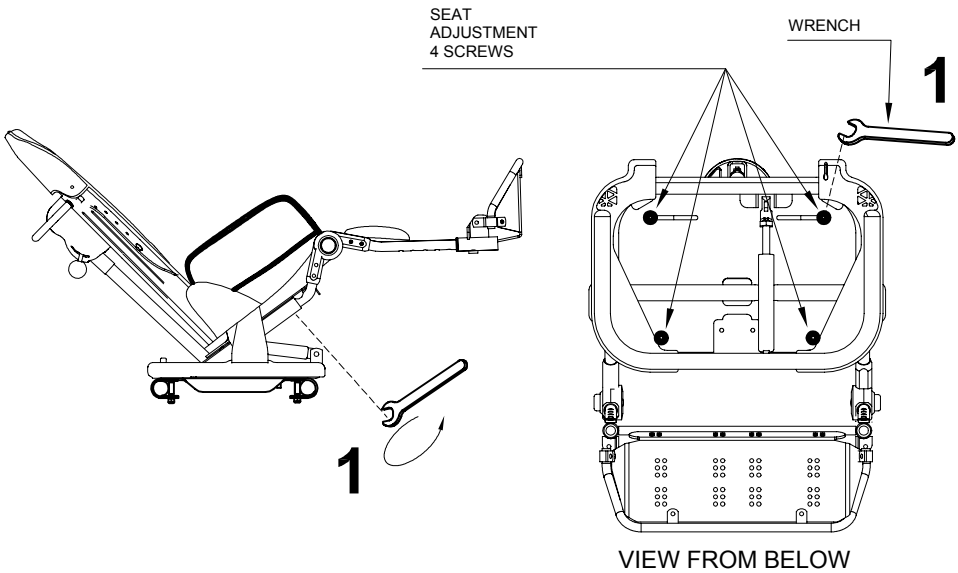
EXTENDED  
BACKREST CUSHION







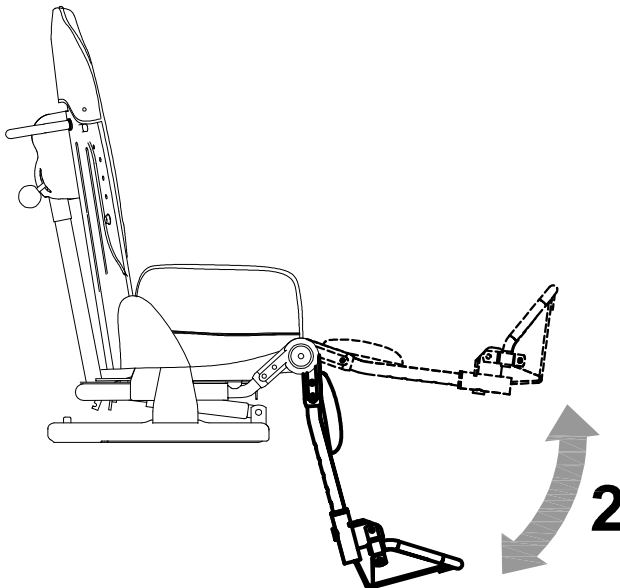
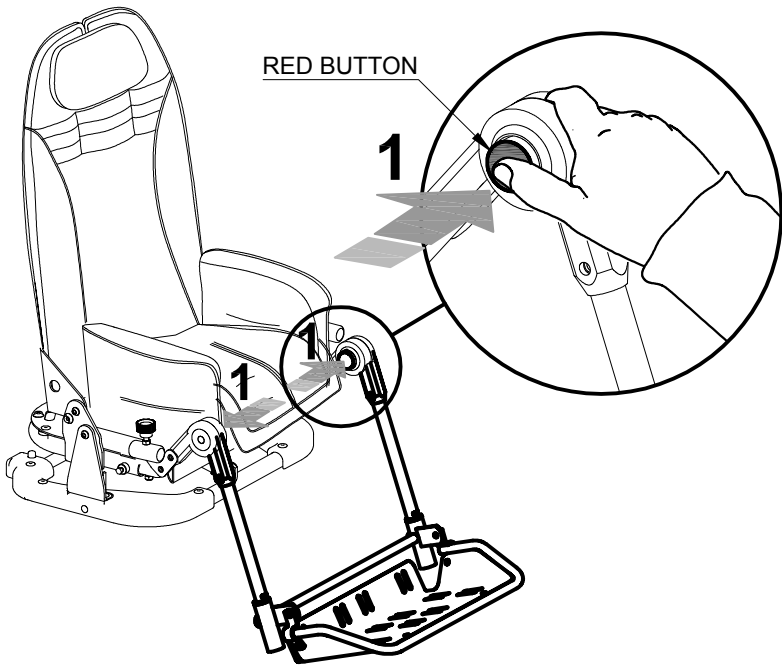
## ADJUSTING THE WIDTH OF THE SEAT BASE





## ADJUSTING THE LEGREST

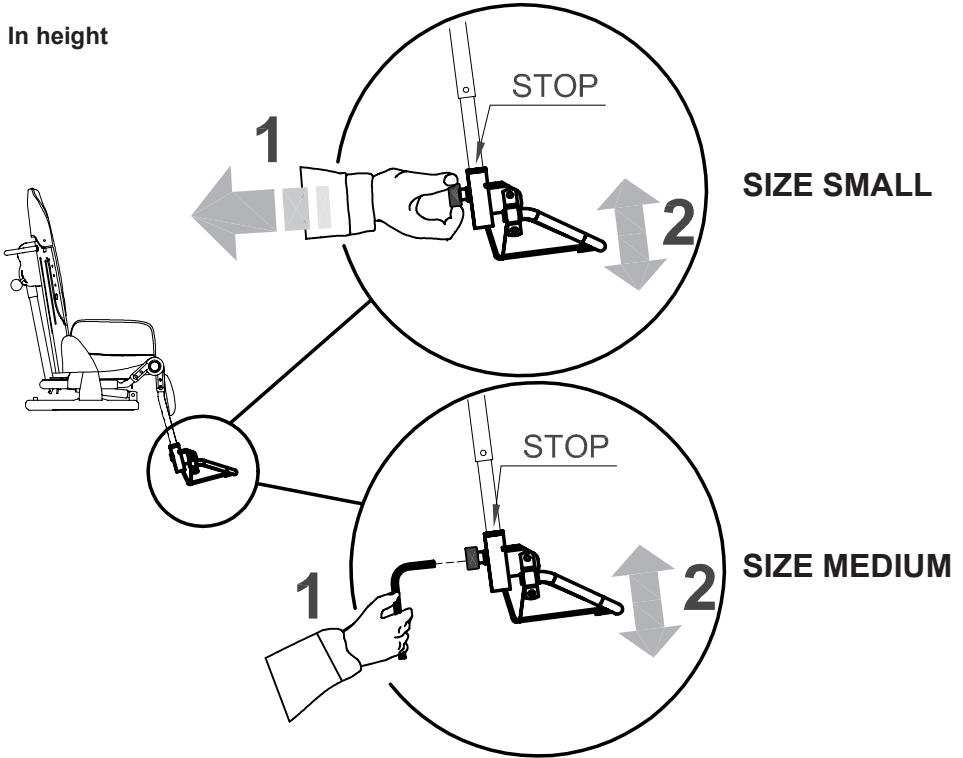
**PRESS BOTH BUTTONS AT THE SAME TIME TO ADJUST THE TILT OF THE LEG SUPPORT**



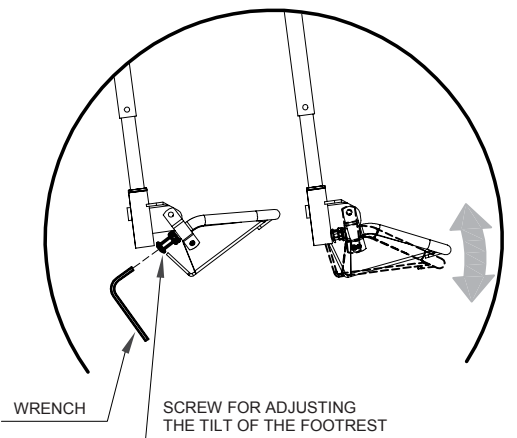


## ADJUSTING THE FOOTREST

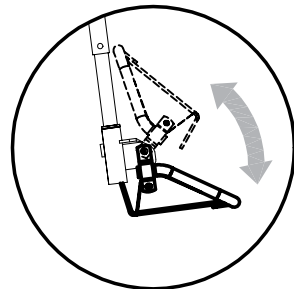
### a) In height



### b) in tilt

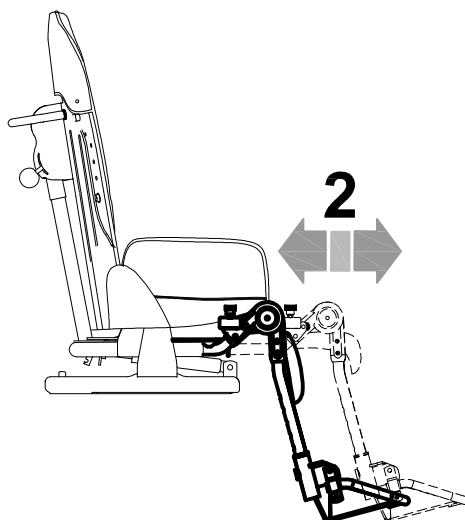
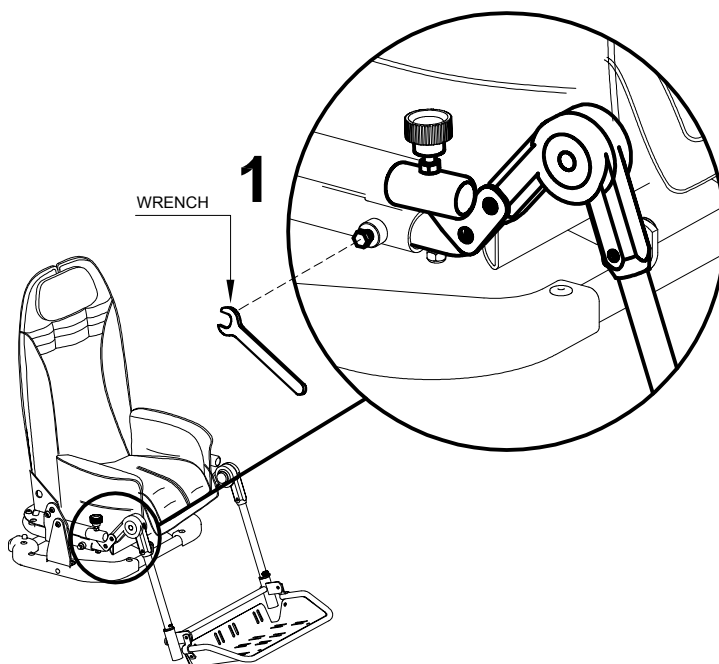


### c) in tipping up



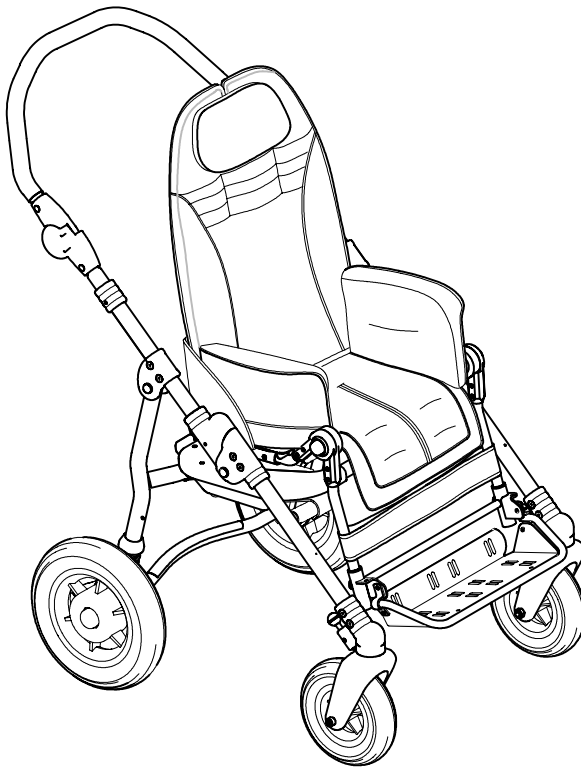


## ADJUSTING THE DEPTH OF THE SEAT



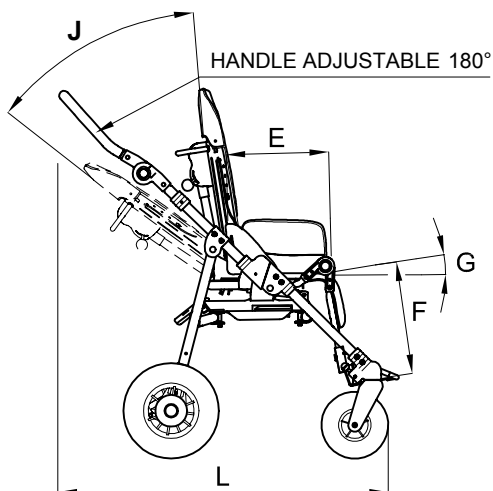
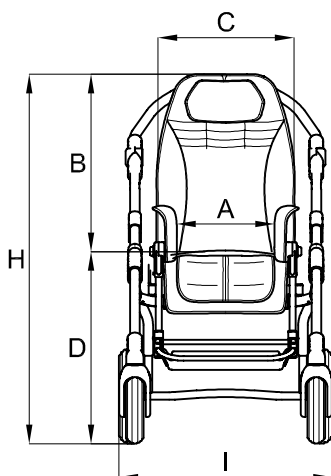


# **Bug** seat with 4-WHEEL base **869**

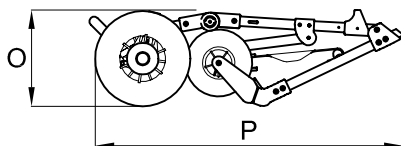
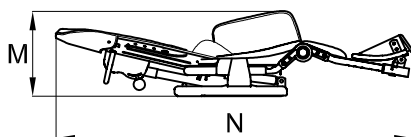




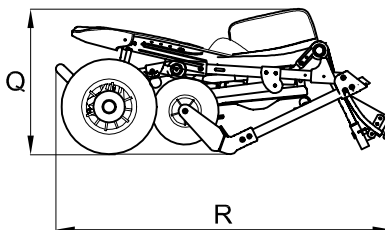
## TECHNICAL SPECIFICATIONS of Bug with four wheel BASE 869



Stroller closed  
with seat removed



Stroller closed  
with seat attached



### - WHEELS:

front, with direction locks, 17 cm (7 Inches);

rear, with shock absorbers, 25 cm (10 Inches) sizes S, 30 cm (12 Inches) size M

### - BRAKES independent parking brakes



## Measures in cm and Inches Weights in kilos and Libbres

**User height Size Small:** from 90 to 120 cm (from 35,4" to 47,2")

**User height Size Medium:** from 115 to 140 cm (from 45,2" to 55,1")

Size	Max load	A	B	C	D	E	F
S	35 kg (77,1 Lbs)	20-30 cm (7,8"-11,8")	52-62 cm (20,4"-24,4")	37 cm (14,5")	52 cm (20,4")	20-30 cm (7,8"-11,8")	14-30 cm (5,5"-11,8")
M	45 kg (99,2 Lbs)	25-36 cm (9,8"-14,1")	60-75 cm (23,6"-29,5")	46 cm (18,1")	55 cm (21,6")	30-40 cm (11,8"-15,7")	20-38 cm (7,8"-14,9")

Size	G	J	H	I	L	M	N	O
S	0°-35°	35°	100-110 cm (39,3"-49,3")	57 cm (22,4")	67-96 cm (26,3"-37,7")	35 cm (13,7")	88 cm (34,6")	33 cm (12,9")
M	5°-30°	40°	112-127 cm (44"-50")	62 cm (24,4")	80-107 cm (31,4"-42,1")	37 cm (14,5")	112 cm (44")	39 cm (15,3")

Size	P	Q	R	Weight of the frame	Weight of the seat	Total weight
S	82 cm (32,2")	50 cm (19,6")	81 cm (39,3"-49,3")	9,5 kg (20,9 Lbs)	8,5 kg (18,7 Lbs)	18 kg (39,6 Lbs)
M	94 cm (37")	52 cm (20,4")	94 cm (44"-50")	11 kg (24,2 Lbs)	12,7 kg (27,9 Lbs)	23,7 kg (52,2 Lbs)

*The numbers divided by the dash specify a minimum and a maximum adjustment*

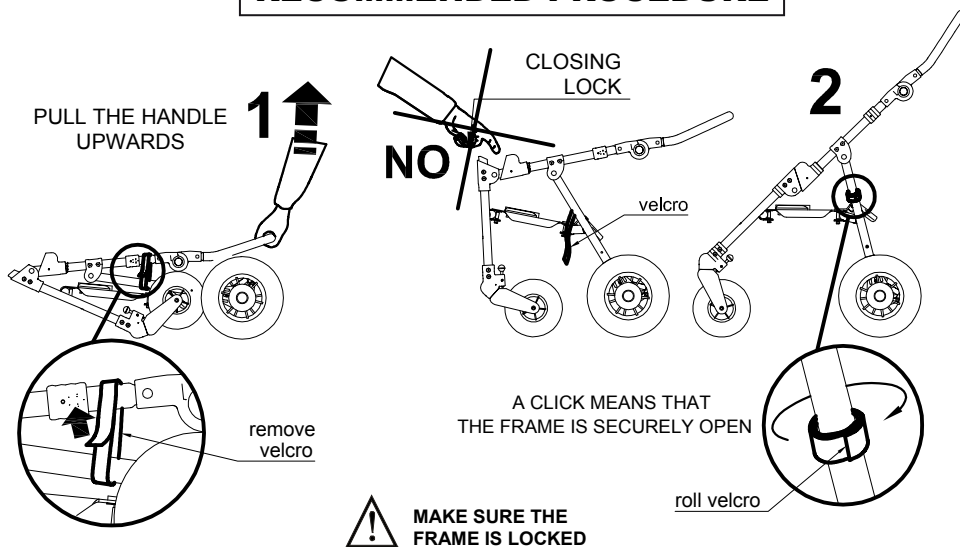


## HOW TO USE Bug WITH BASE 869

### OPENING the STROLLER

#### a) WITHOUT THE SEAT

#### RECOMMENDED PROCEDURE



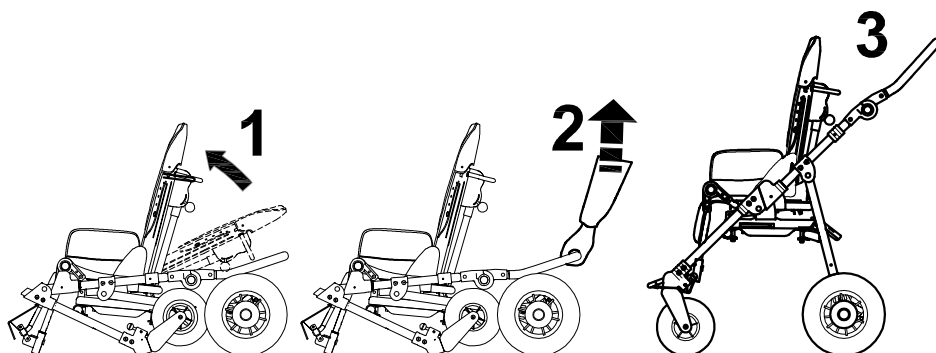
#### b) WITH THE SEAT ATTACHED



POSITION THE BACKREST VERTICALLY BEFORE OPENING THE STROLLER



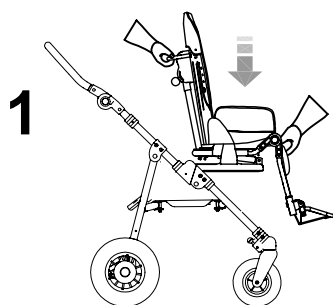
**HEAVY**



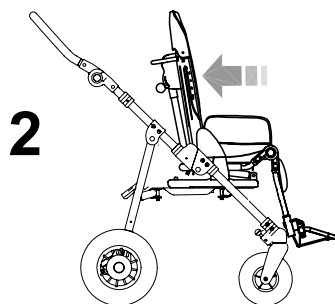
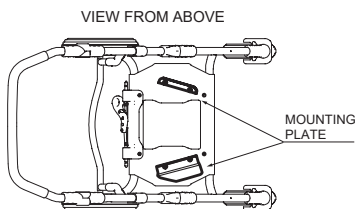




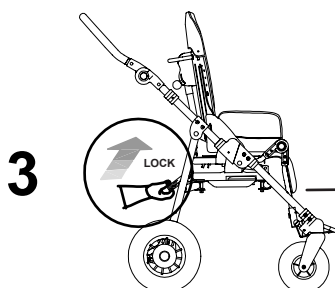
## HOW TO ATTACH THE SEAT TO THE FRAME



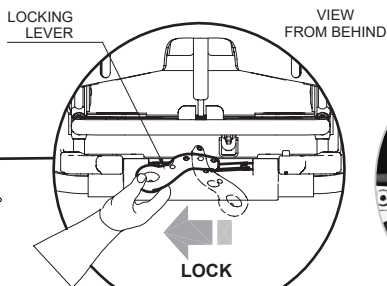
**APPLY the BRAKES;** then,  
**PLACE THE SEAT ON THE MOUNTING PLATE**



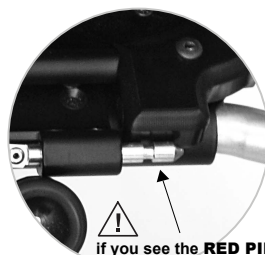
**PUSH THE SEAT BACKWARDS** , sliding it **ON**  
**TO THE MOUNTING PLATE**



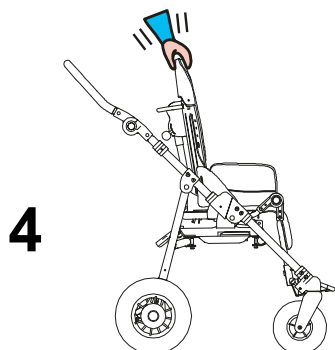
**OPERATE THE LOCKING LEVER**



a “CLICK” means  
you engaged the lever



if you see the **RED PINS**  
the lever is **NOT**  
correctly operated



**CHECK THE SEAT IS ATTACHED**



## HOW TO REVERSE THE SEAT SO THAT THE CHILD FACES HIS MOTHER (FIG. A)

(ONLY FOR SIZE S, THE **SIZE M** SEAT IS NOT REVERSIBLE)

- 1- UNSCREW THE 4 SCREWS
- 2- FOLD THE FRAME SLIGHTLY AND REMOVE THE LOWER SEAT
- 3- TURN THE LOWER SEAT 180°
- 4- INSERT THE LOWER SEAT KEEPING THE FRAME SLIGHTLY FOLDED
- 5- OPEN THE FRAME AND TIGHTEN THE SCREWS MAKING SURE TO INCLUDE THE 4 BUSHINGS AS IN FIG.B

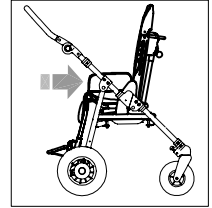


Fig.A

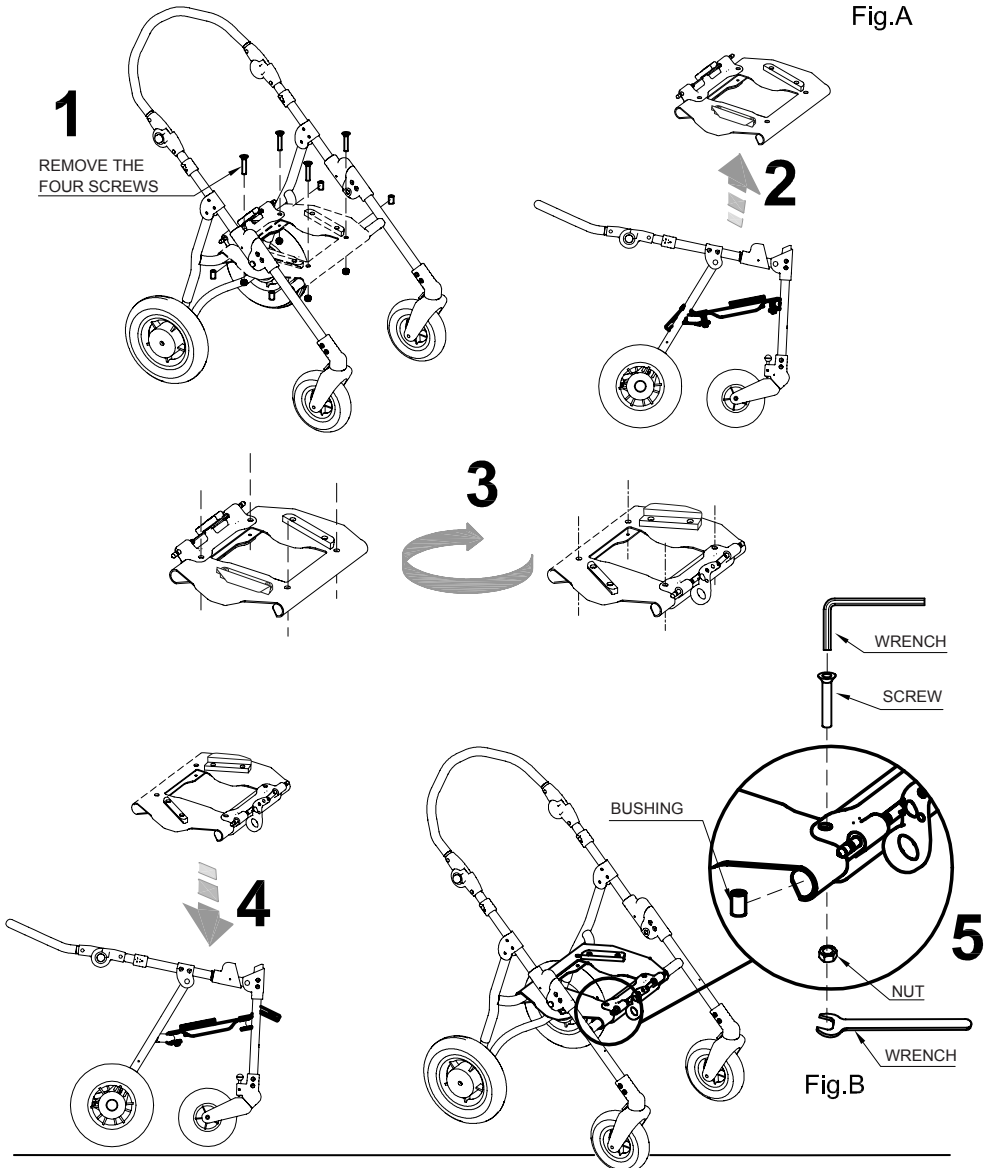


Fig.B

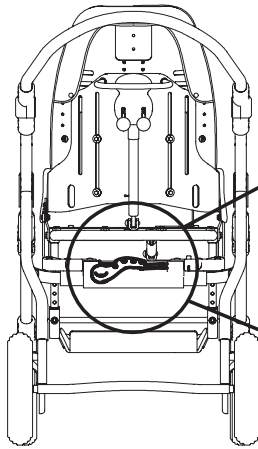


## HOW TO DETACH THE SEAT FROM THE FRAME



**FIRST APPLY BRAKES**

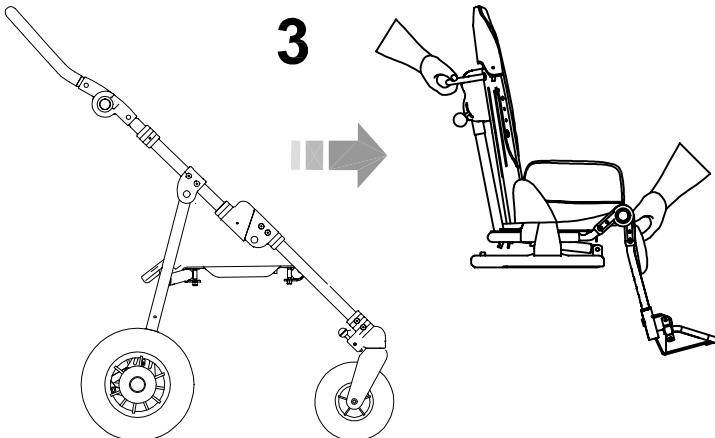
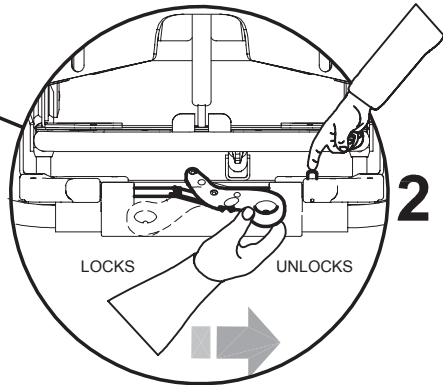
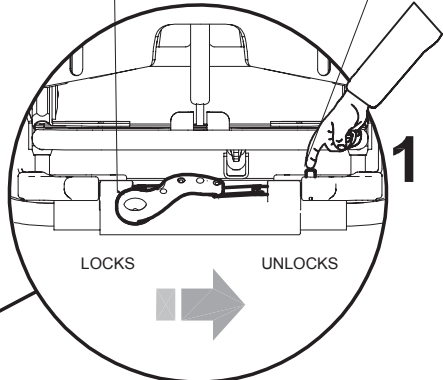
- 1- PRESS THE SAFETY RED PUSH-BUTTON
- 2- AT THE SAME TIME TURN THE LOCKING LEVER FROM LEFT TO RIGHT
- 3- SLIDE THE SEAT FORWARD



VIEW FROM BEHIND

LOCKING LEVER

SAFETY RED  
PUSH-BUTTON

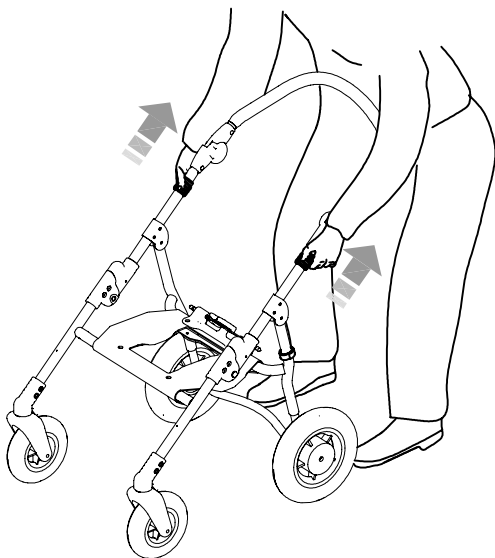




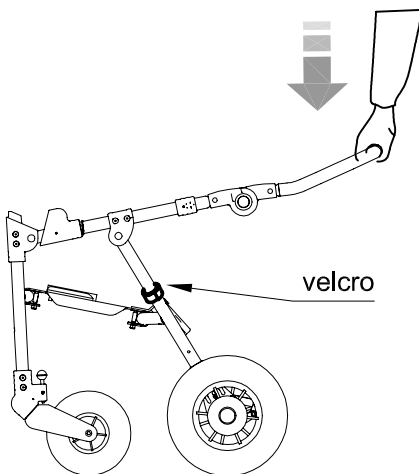
## FOLDING THE BASE



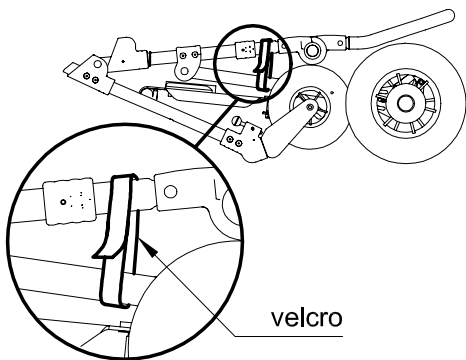
WE SUGGEST THAT YOU FOLD THE BASE WITHOUT THE SEAT



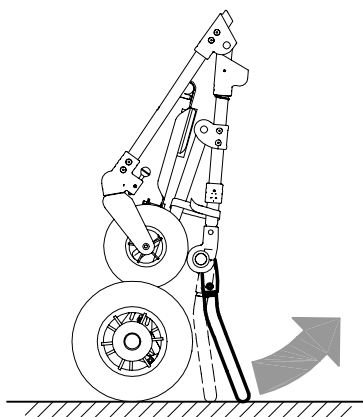
**1** PULL THE BLACK LOCKS WITH BOTH HANDS



**2** GENTLY PULL THE HANDLE DOWNWARD



**3** FRAME CLOSED

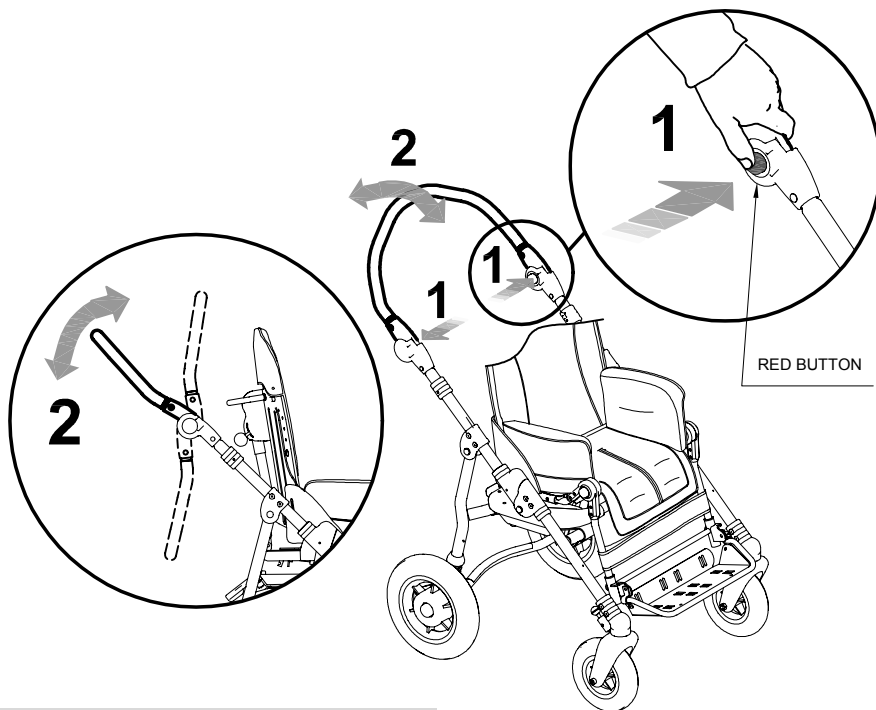


**4** IF YOU WANT TO POSITION THE FRAME VERTICALLY, TILT THE PUSH HANDLE SLIGHTLY (SEE PAGE 38)

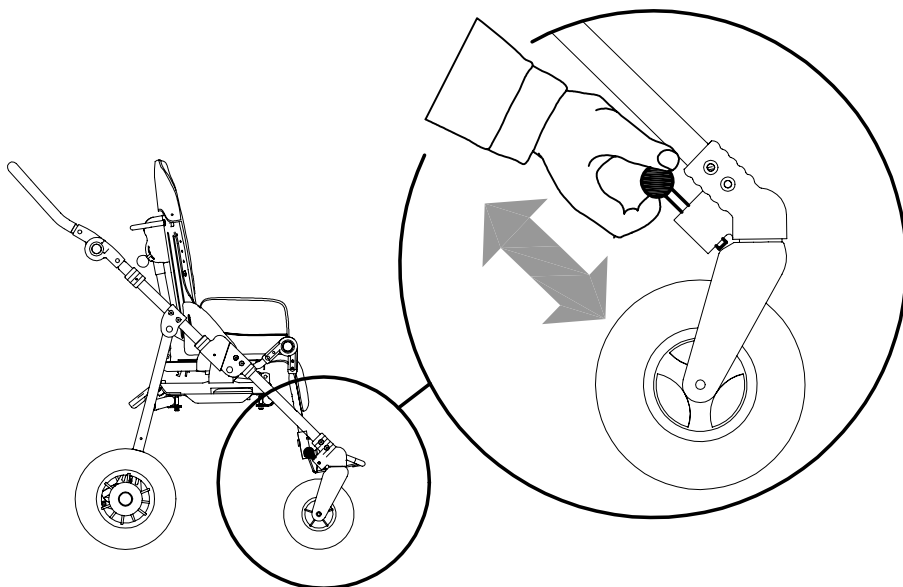


## ADJUSTING THE INCLINATION OF THE HANDLE

IT FACILITATES THE ENTRANCE INTO THE ELEVATOR AND ITS TRANSPORT INTO THE CAR



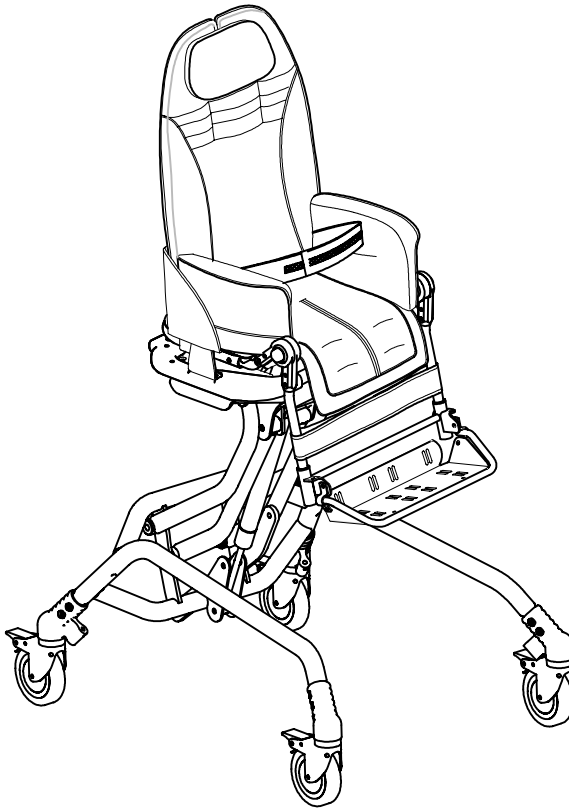
## FRONT WHEEL DIRECTION LOCKS





# Bug seat

with INDOOR base **856**



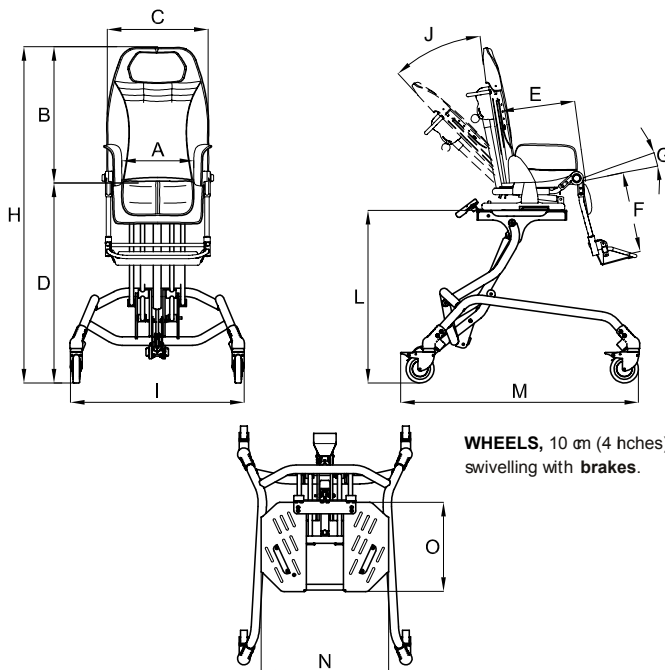


## TECHNICAL SPECIFICATIONS of Bug with BASE 856

### Measures in cm and Inches Weights in kilos and Libbres

**User height Size Small:** from 90 to 120 cm (from 35,4" to 47,2")

**User height Size Medium:** from 115 to 140 cm (from 45,2" to 55,1")



Size	Max load	A	B	C	D	E	F
<b>S</b>	35 kg (77,1 Lbs)	20-30 cm (7,8"-11,8")	52-62 cm (20,4"-24,4")	37 cm (14,5")	47-75 cm (18,5"-29,5")	20-30 cm (7,8"-11,8")	14-30 cm (5,5"-11,8")
<b>M</b>	45 kg (99,2 Lbs)	25-36 cm (9,8"-14,1")	60-75 cm (23,6"-29,5")	46 cm (18,1")	47-75 cm (18,5"-29,5")	30-40 cm (11,8"-15,7")	20-38 cm (7,8"-14,9")

Size	G	J	H	I	L	M	N	O
<b>S</b>	0°-35°	35°	95-132 cm (37,4"-51,9")	56 cm (22")	34-61 cm (13,3"-24")	80 cm (31,4")	40 cm (15,7")	25 cm (9,8")
<b>M</b>	0°-25°	40°	106-148 cm (41,7"-58,2")	62 cm (24,4")	34-61 cm (13,3"-24")	83 cm (32,6")	45 cm (17,7")	32 cm (12,5")

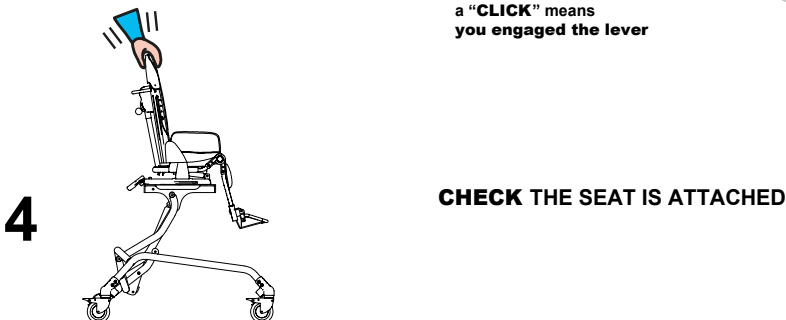
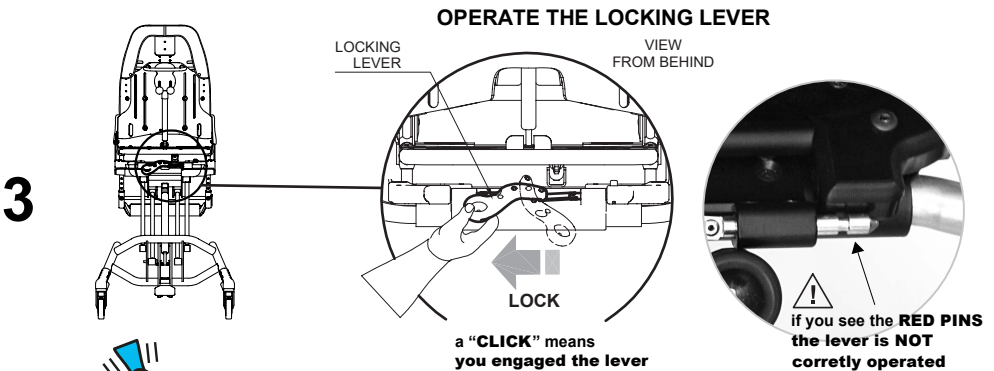
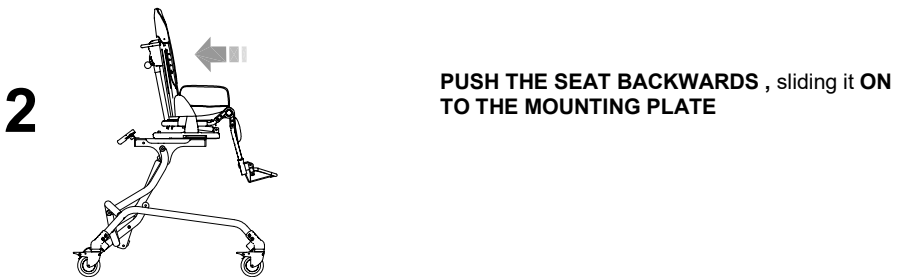
Size	Weight of the frame	Weight of the seat	Total weight
<b>S</b>	14,5 kg (31,9 Lbs)	8,5 kg (18,7 Lbs)	23 kg (50,7 Lbs)
<b>M</b>	16,2 kg (35,7Lbs)	12,7 kg (27,9 Lbs)	28,9 kg (63,7 Lbs)

*The numbers divided by the dash specify a minimum and a maximum adjustment*



## HOW TO USE Bug WITH BASE 856

### HOW TO ATTACH THE SEAT TO THE FRAME



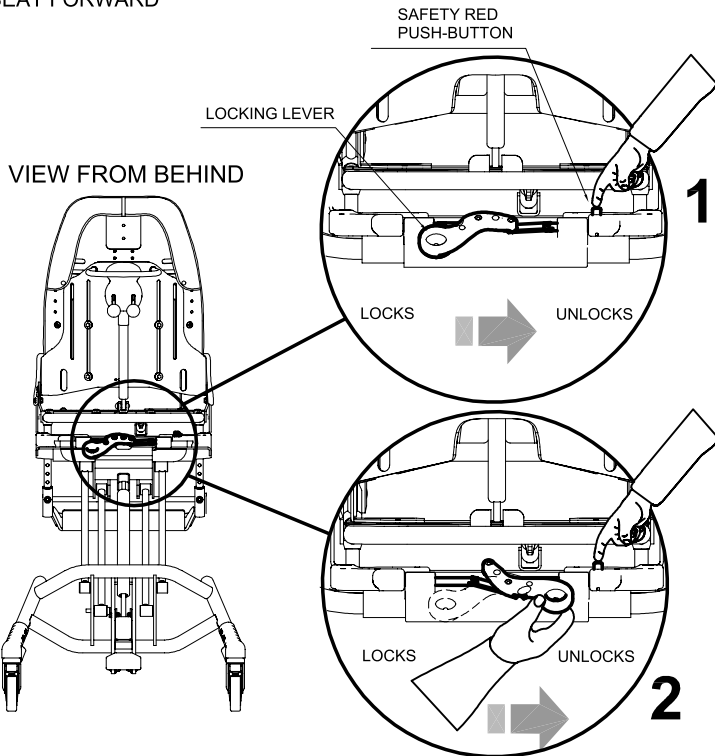




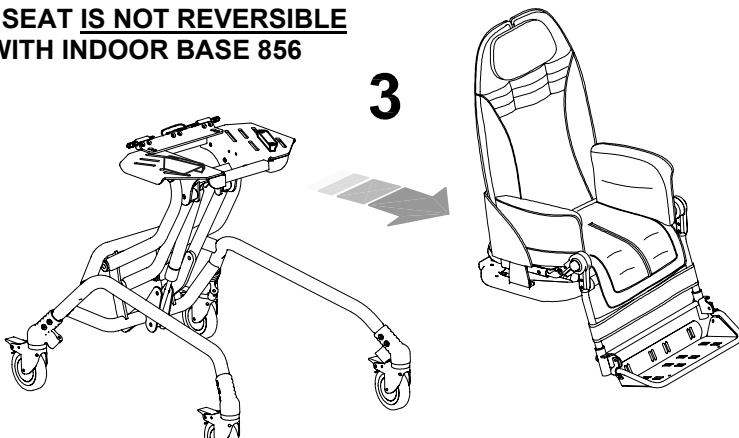
## HOW TO DETACH THE SEAT FROM THE FRAME

### FIRST APPLY BRAKES

- 1- PRESS THE SAFETY RED PUSH-BUTTON
- 2- AT THE SAME TIME TURN THE LOCKING LEVER FROM LEFT TO RIGHT
- 3- SLIDE THE SEAT FORWARD



**THE SEAT IS NOT REVERSIBLE  
WITH INDOOR BASE 856**





## ADJUSTING THE HEIGHT OF THE SEAT

### a) Adjustment with user

1

rear pedal  
height adjustment



2



the rear pedal makes the  
height adjustment of the  
seat with user easier

3





## b) Adjustment without user



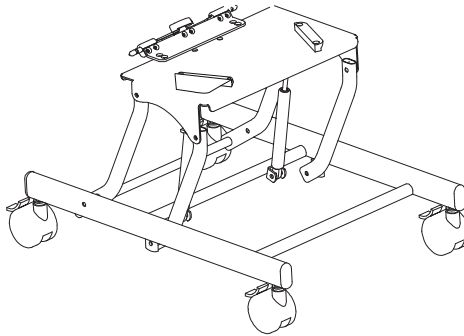
the front lever makes the height adjustment of the seat without user easier





# **Bug** seat WITH INDOOR BASE

(HIGH-LOW COMPACT BASE) **851**



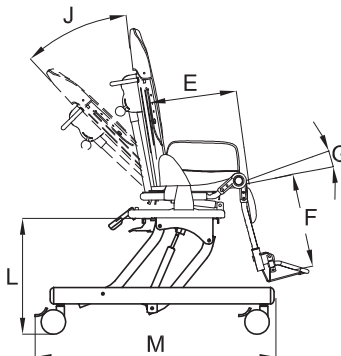
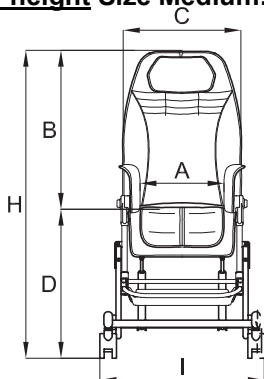


## TECHNICAL SPECIFICATIONS of Bug with BASE 851

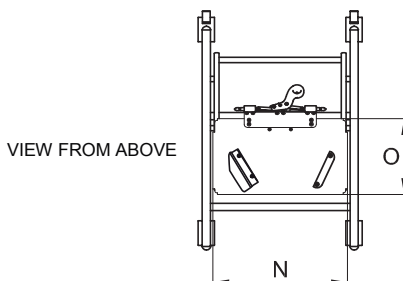
### Measures in cm and Inches Weights in kilos and Libbres

**User height Size Small:** from 90 to 120 cm (from 35,4" to 47,2")

**User height Size Medium:** from 115 to 140 cm (from 45,2" to 55,1")



**WHEELS**, 10 cm (2,7 Inches), swivel with **brakes**.



VIEW FROM ABOVE

Size	Max load	A	B	C	D	E	F
<b>S</b>	35 kg (77,1 Lbs)	20-30 cm (7,8"-11,8")	52-62 cm (20,4"-24,4")	37 cm (14,5")	34-50 cm (13,3"-19,6")	20-30 cm (7,8"-11,8")	14-30 cm (5,5"-11,8")
<b>M</b>	45 kg (99,2 Lbs)	25-36 cm (9,8"-14,1")	60-75 cm (23,6"-29,5")	46 cm (18,1")	34-50 cm (13,3"-19,6")	30-40 cm (11,8"-15,7")	20-38 cm (7,8"-14,9")

Size	G	J	H	I	L	M	N	O
<b>S</b>	0°-35°	35°	84-110 cm (33"-43,3")	50 cm (19,6")	23-39 cm (9"-15,3")	72 cm (28,3")	41 cm (16,1")	23 cm (9")
<b>M</b>	0°-25°	40°	95-126 cm (37,4"-49,6")	55 cm (21,6")	23-39 cm (9"-15,3")	76 cm (29,9")	46 cm (18,1")	28 cm (11")

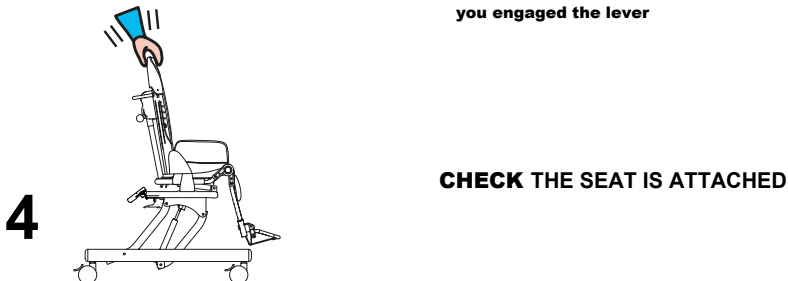
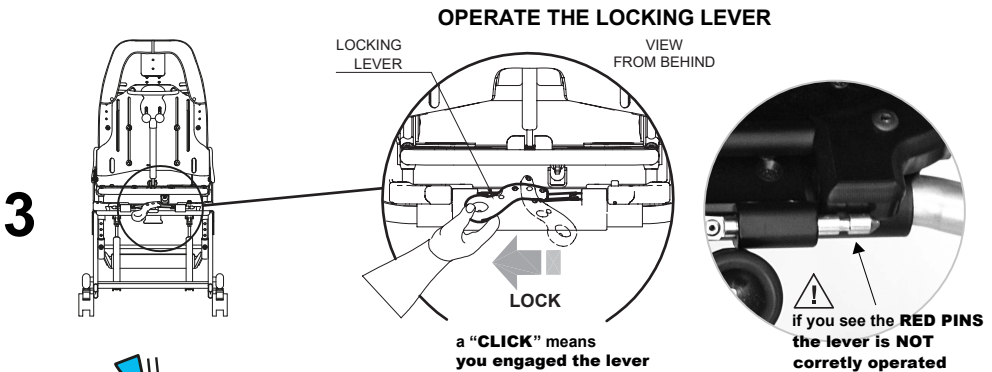
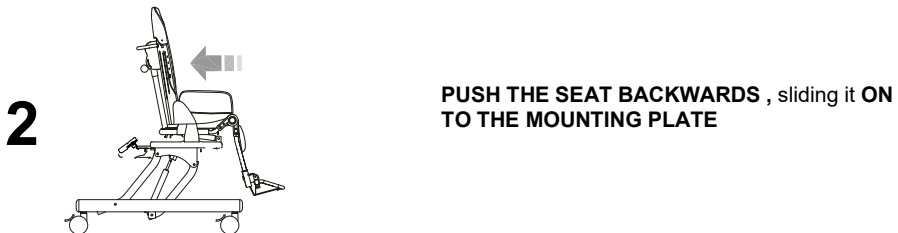
Size	Weight of the frame	Weight of the seat	Total weight
<b>S</b>	8,8 kg (19,4 Lbs)	8,5 kg (18,7 Lbs)	17,3 kg (38,1 Lbs)
<b>M</b>	10 kg (22Lbs)	12,7 kg (27,9 Lbs)	22,7 kg (50 Lbs)

*The numbers divided by the dash specify a minimum and a maximum adjustment*



## HOW TO USE Bug with BASE 851

### HOW TO ATTACH THE SEAT TO THE FRAME



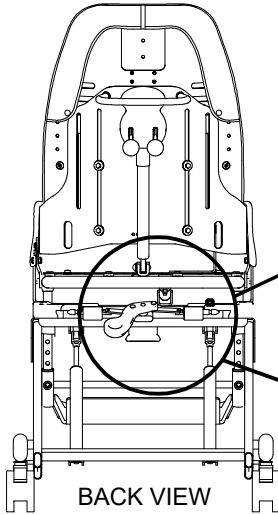


## HOW TO DETACH THE SEAT FROM THE FRAME

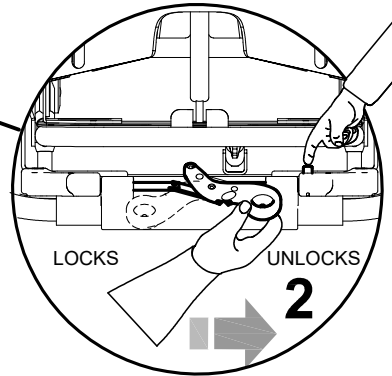
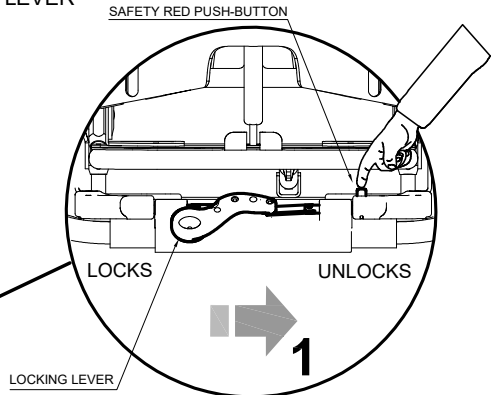


### FIRST APPLY BRAKES

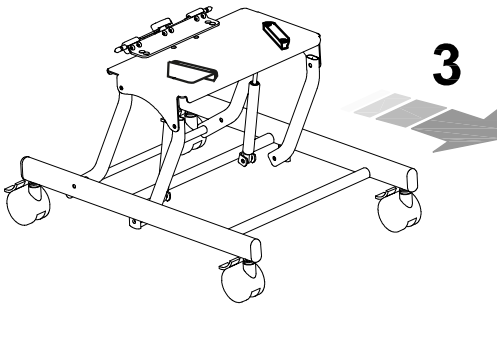
- 1-PRESS THE SAFETY RED PUSH-BUTTON
- 2- AT THE SAME TIME TURN THE LOCKING LEVER FROM LEFT TO RIGHT
- 3-SLIDE THE SEAT FORWARD



BACK VIEW

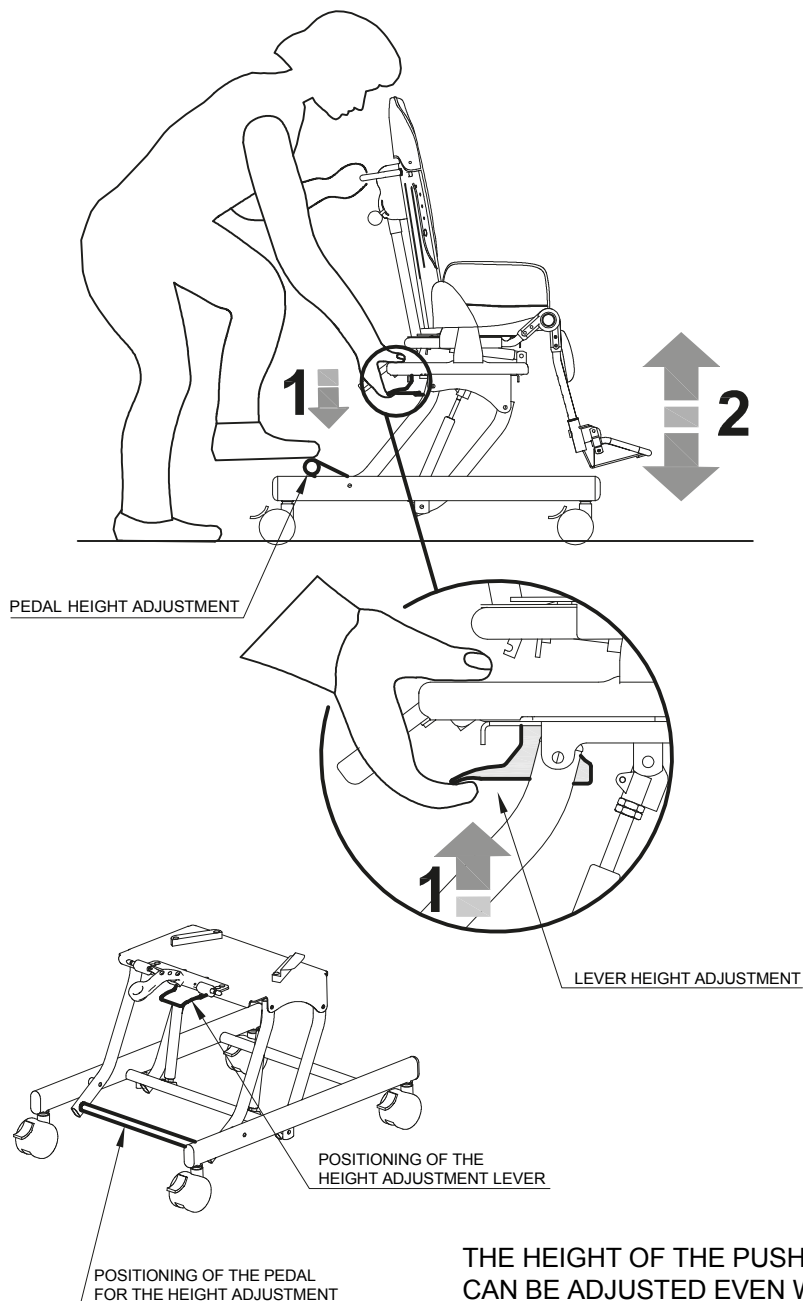


### THE SEAT IS NOT REVERSIBLE





## ADJUSTING THE HEIGHT OF THE SEAT with BASE 851

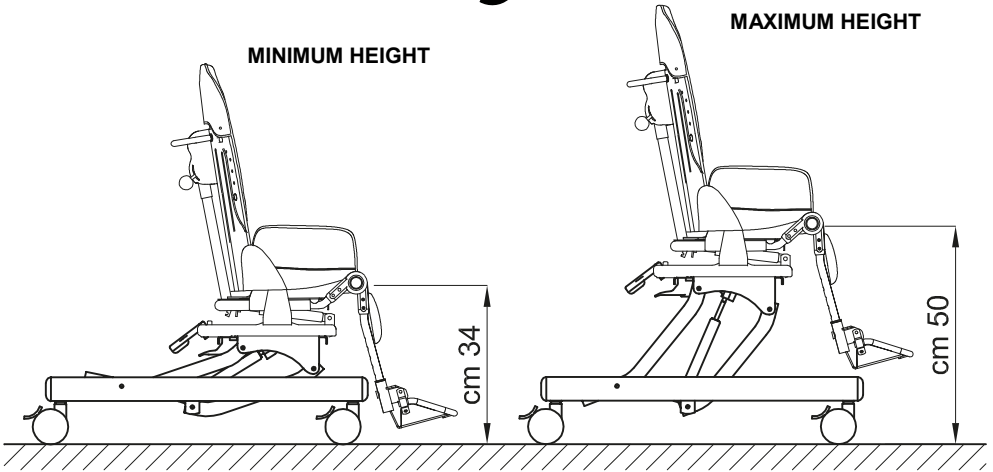




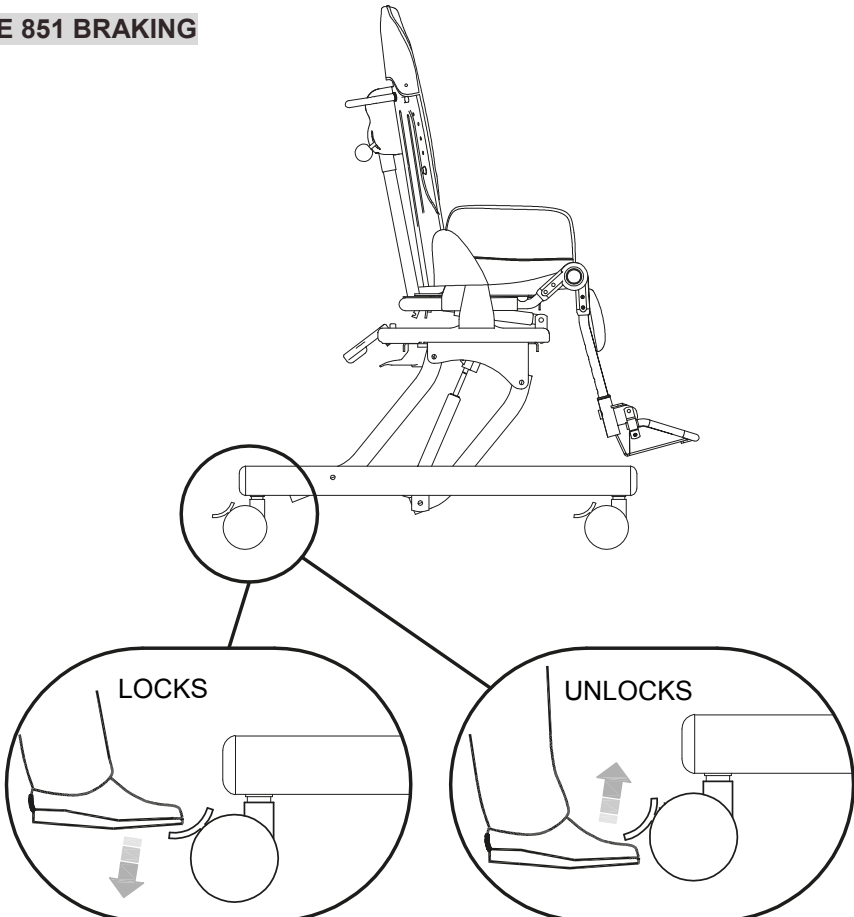


**MINIMUM HEIGHT**

**MAXIMUM HEIGHT**



## **BASE 851 BRAKING**





## MOUNTING THE ADDITIONAL COMPONENTS

### HEADREST with OCCIPITAL-PARIETAL PROTECTIONS 863

*adjustable height, width, tilt and forward-backward position*

**A**

#### ASSEMBLY

1. REMOVE THE PARTS POINTED ON FIGURE A
2. TIGHTEN THE TWO SCREWS OF THE LEFT SIDE (FIG. B)
3. REMOVE THE LOWER KNOB AND MOVE ITS SCREW WITHOUT REMOVING IT (FIG. C)
4. TIGHTEN THE TWO SCREWS OF THE RIGHT SIDE (FIG. D)
5. TIGHTEN THE KNOB (FIG. E)
6. FIX THE CUSHION ON THE BACKREST (FIG. F)
7. FIX THE CENTRAL PADDED COVER OF THE BACKREST (FIG. G)

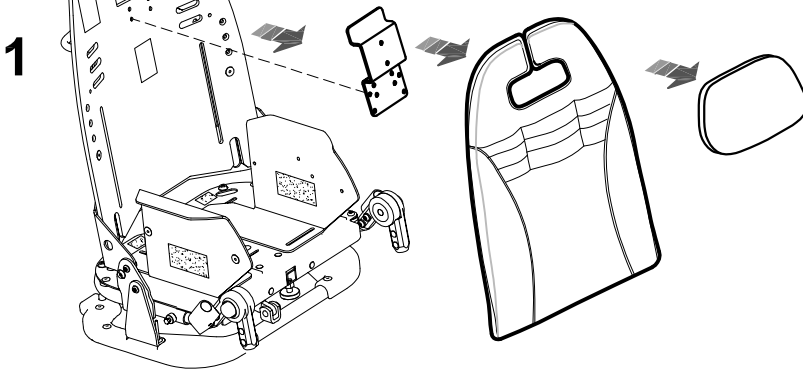


FIG. A

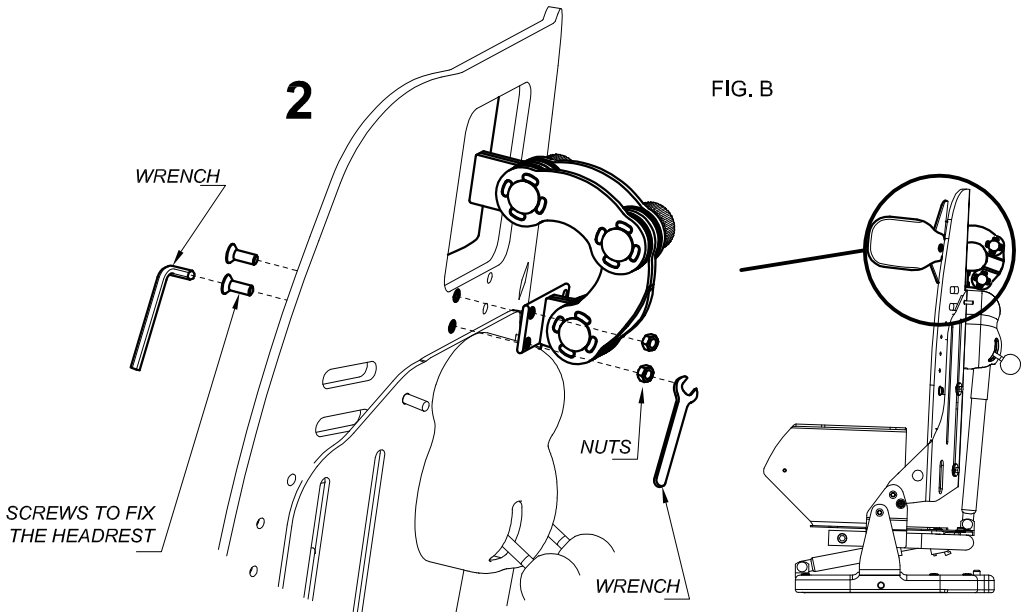


FIG. B



FIG. C

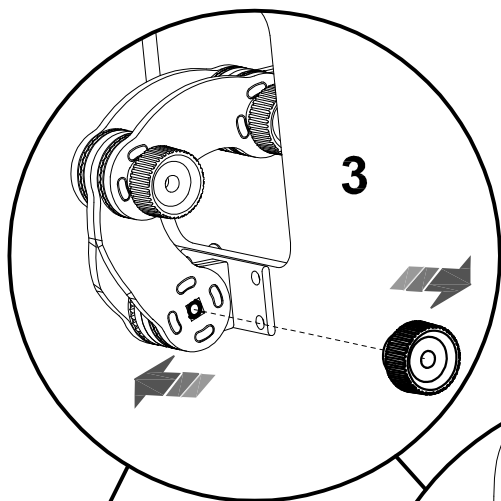


FIG. D

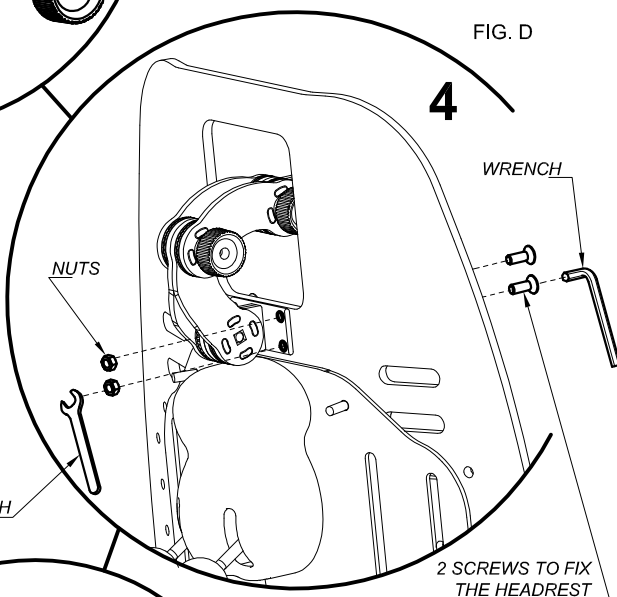
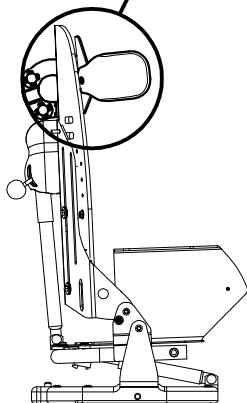
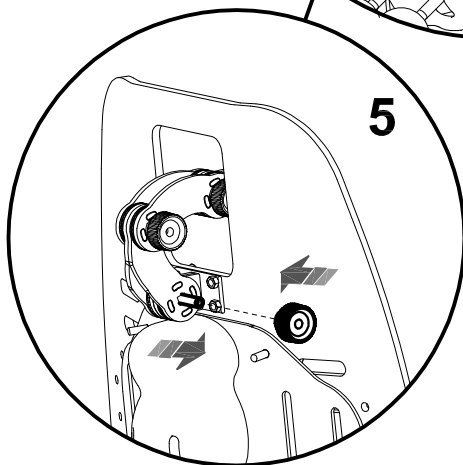


FIG. E



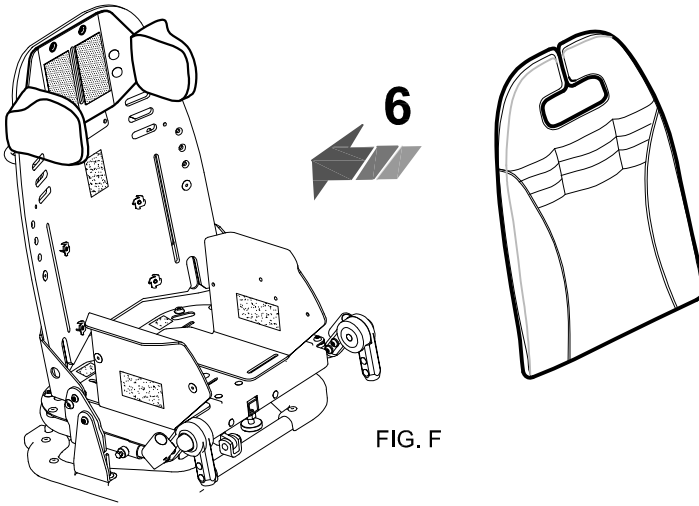


FIG. F

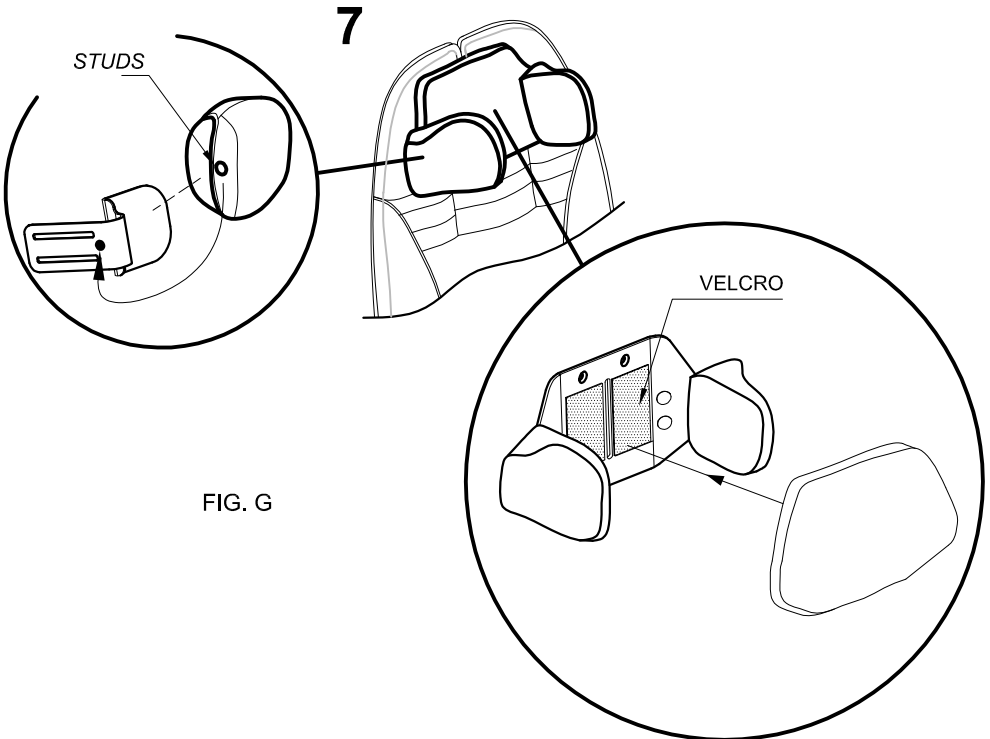


FIG. G

**B****ADJUSTMENT**

- 1 LOOSEN THE THREE KNOBS
- 2 ADJUST THE INCLINATION, THE HEIGHT AND DEPTH OF THE HEADREST
- TIGHTEN THE KNOBS

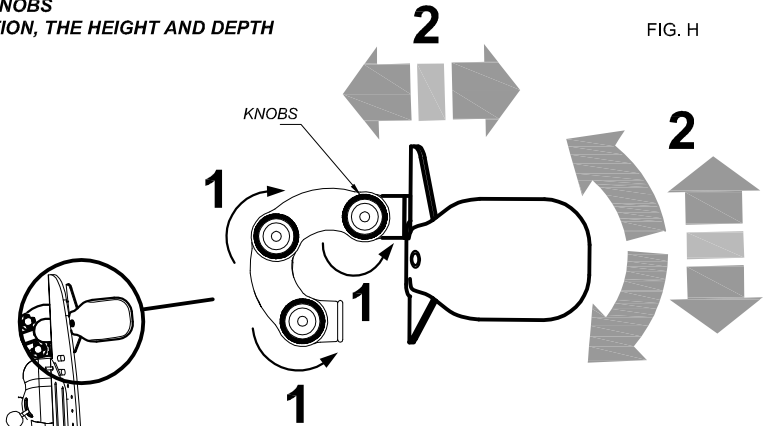


FIG. H

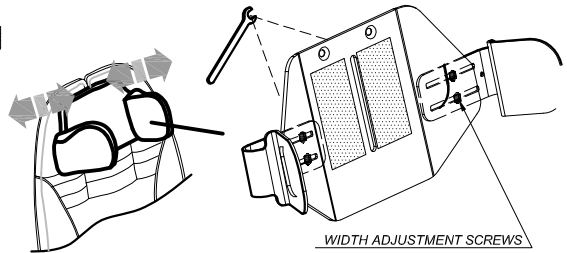
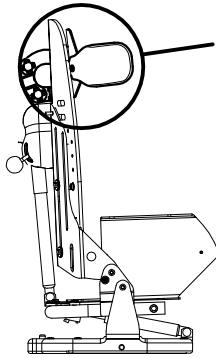


FIG. I

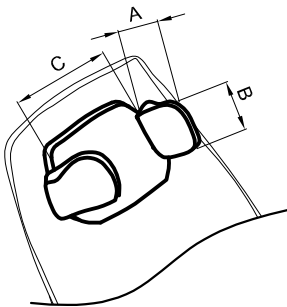
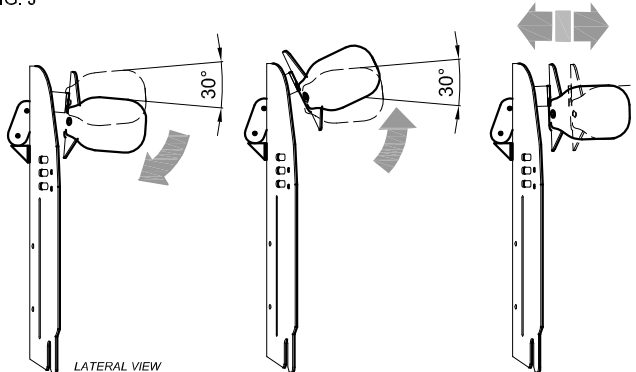


FIG. J



LATERAL VIEW

BUG	HEADREST		
	A	B	C
SMALL	8 cm 3,1"	10 cm 3,9"	10-21 cm 3,9"-8,2"
MEDIUM	11 cm 4,3"	12 cm 4,7"	12-24 cm 4,7"-9,4"

The numbers divided by the dash specify a minimum and a maximum adjustment



A

1. REMOVE THE PARTS POINTED ON FIGURE A
2. TIGHTEN THE TWO SCREWS OF THE LEFT SIDE
3. REMOVE THE LOWER KNOB AND MOVE ITS SCREW WITHOUT REMOVING IT
4. TIGHTEN THE TWO SCREWS OF THE RIGHT SIDE
5. TIGHTEN THE KNOB
6. FIX THE CUSHION ON THE BACKREST (FIG.F)



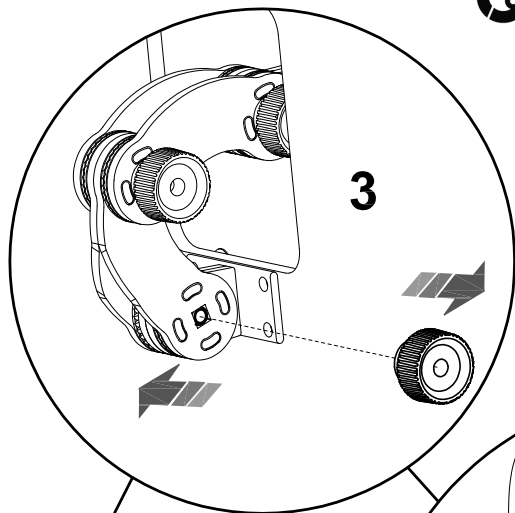


FIG. C

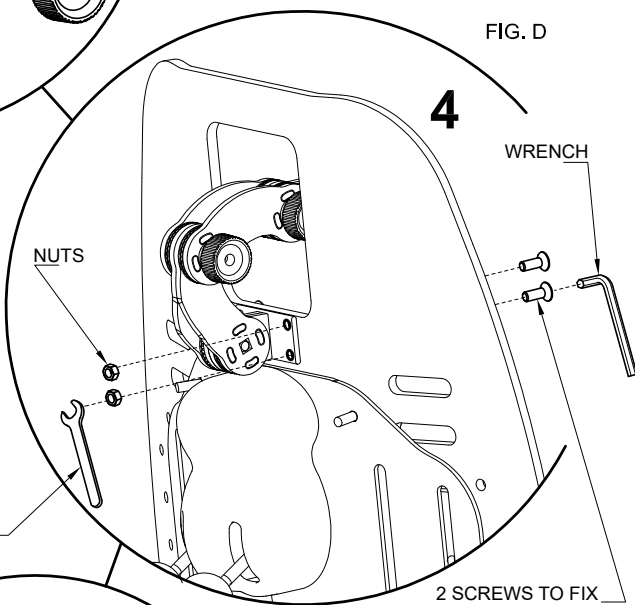


FIG. D

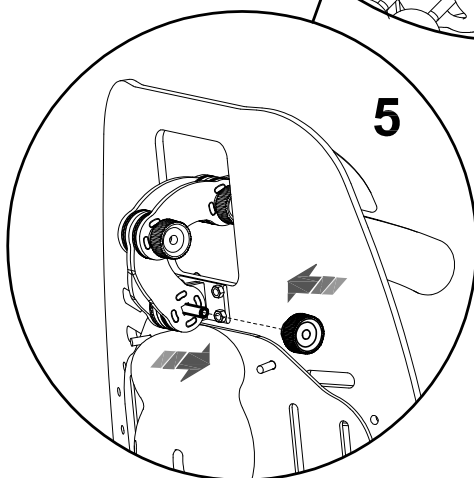
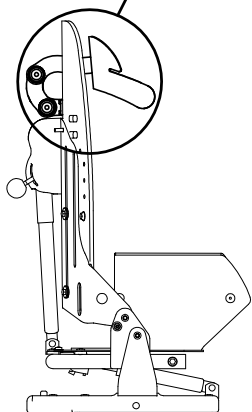


FIG. F



FIG. E

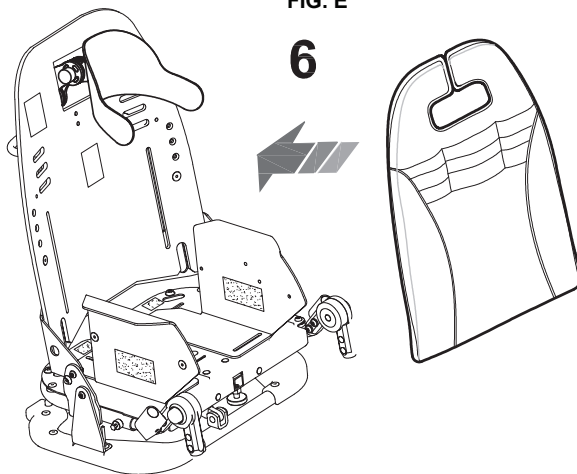
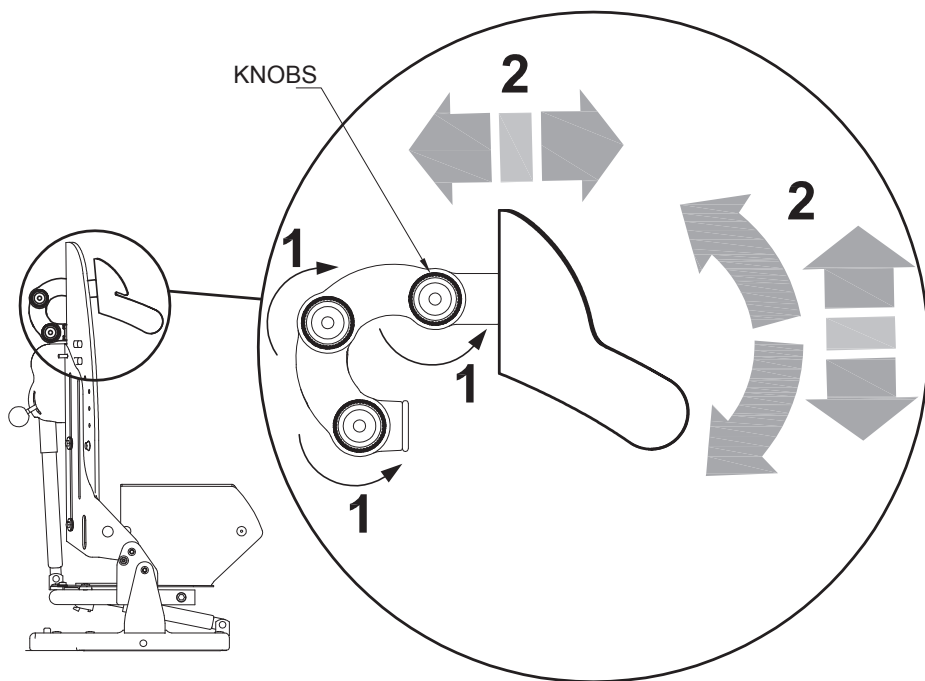


FIG. E

**B**

**ADJUSTMENT**

- 1 LOOSEN THE THREE KNOBS
- 2 ADJUST THE INCLINATION, THE HEIGHT AND DEPTH OF THE HEADREST  
TIGHTEN THE KNOBS

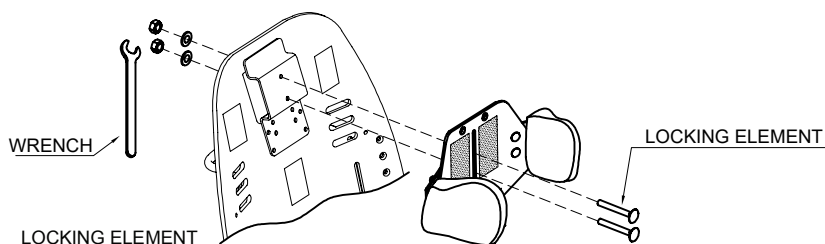






## HEADREST with PARIETAL PROTECTIONS 852

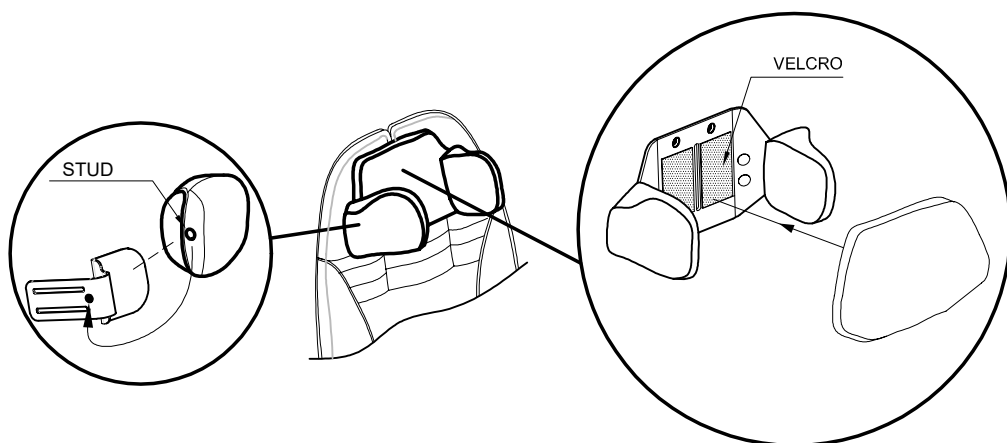
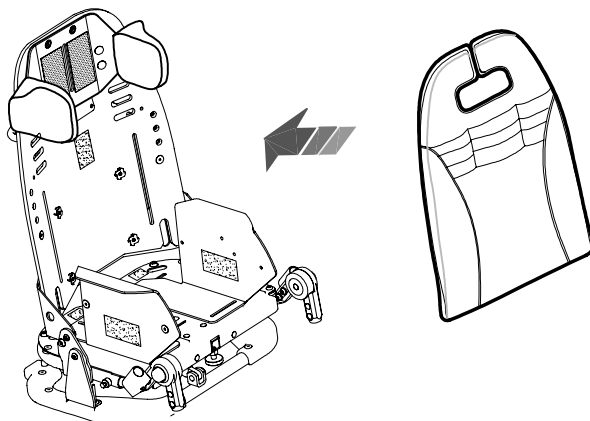
*adjustable height and width*

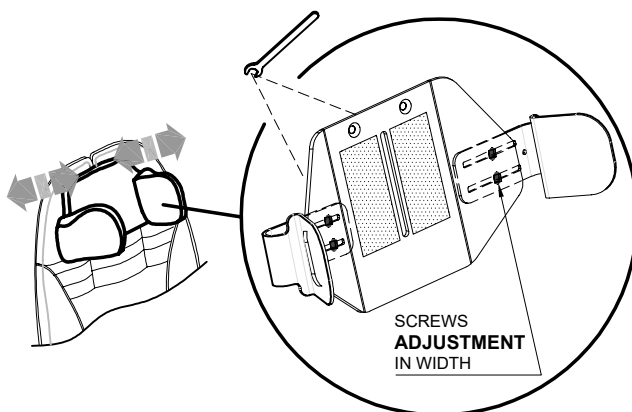
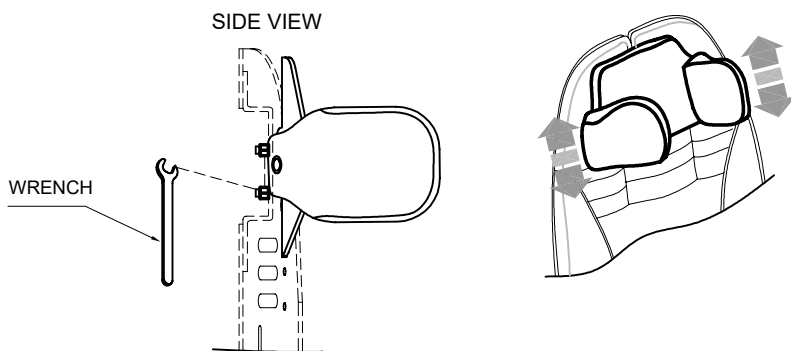


WRENCH

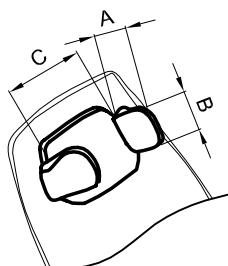
VELCRO

STUD





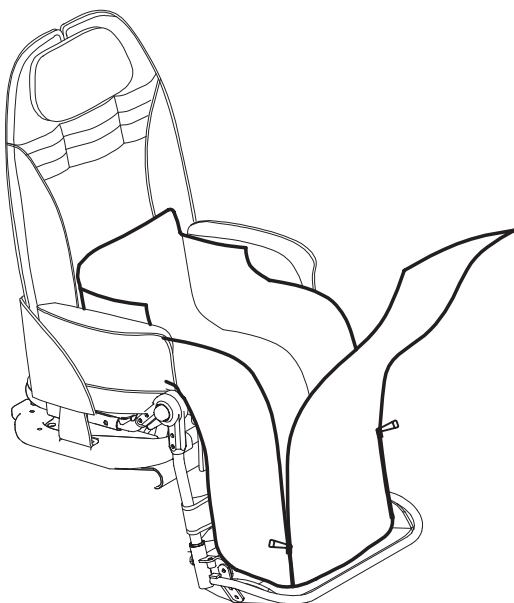
BUG	HEADREST		
	A	B	C
SMALL	8 cm 3,1"	10 cm 3,9"	10-21 cm 3,9"-8,2"
MEDIUM	11 cm 4,3"	12 cm 4,7"	12-24 cm 4,7"-9,4"



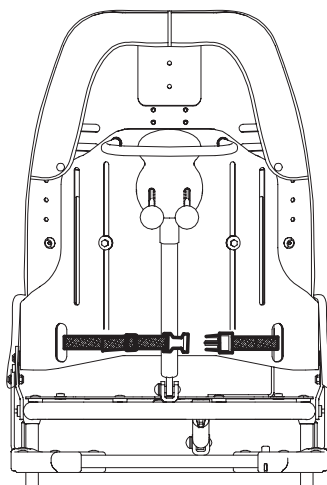
The numbers divided by the dash specify a minimum and a maximum adjustment



## THERMIC COVER 818

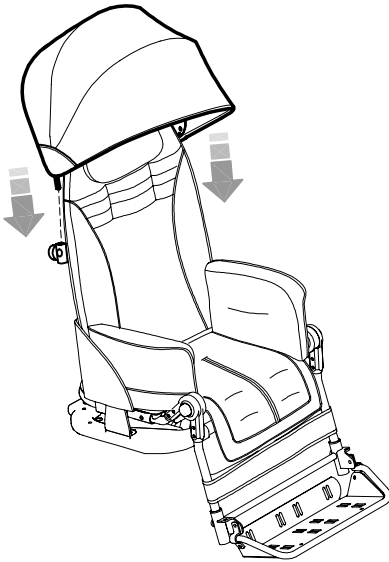
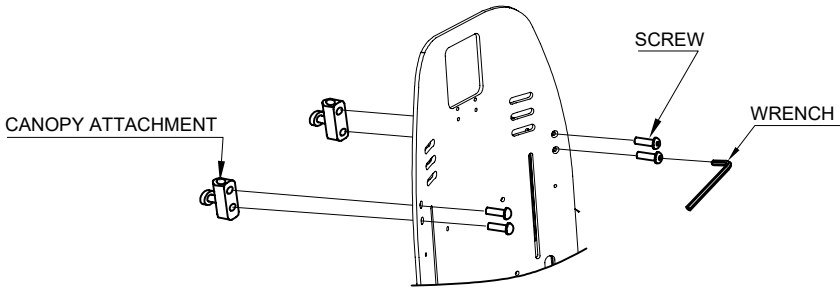


VIEW FROM BEHIND

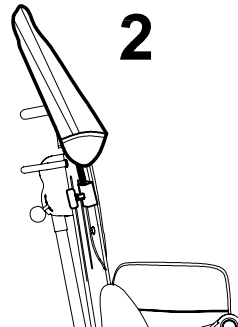
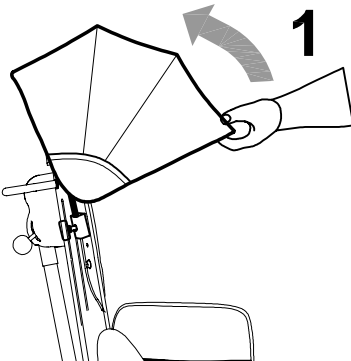
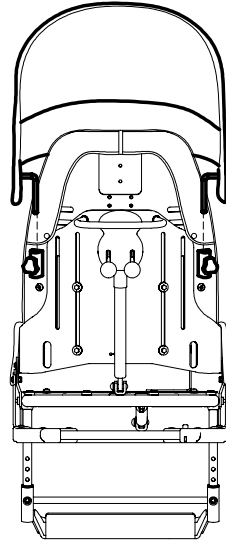




## CANOPY 819



VIEW FROM BEHIND

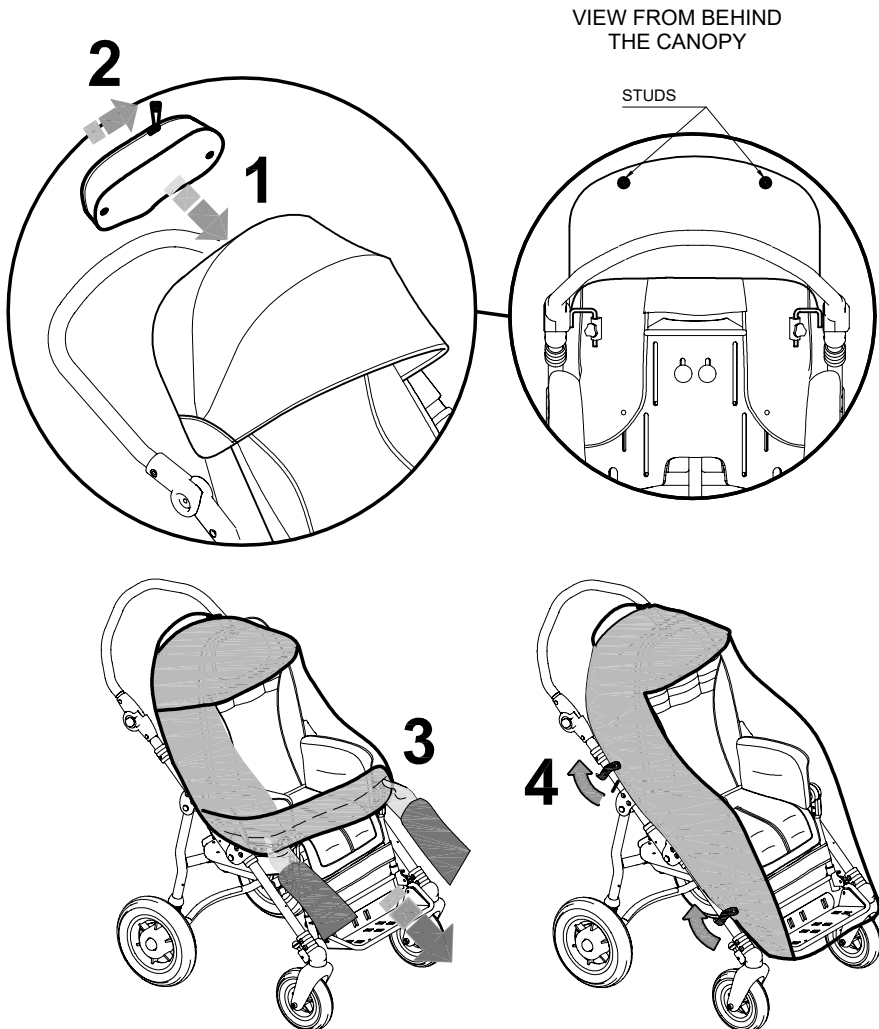




## RAIN COVER 825

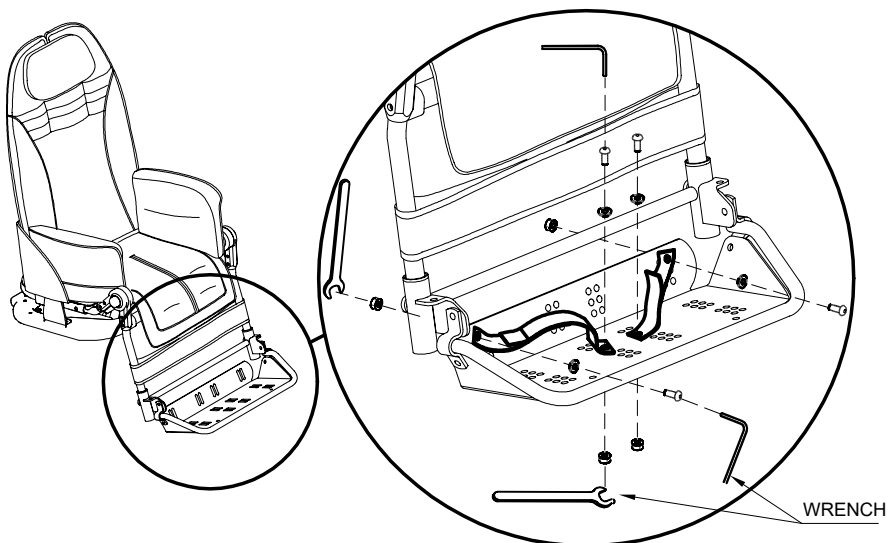
THE RAIN COVER CAN ONLY BE ATTACHED **AFTER THE CANOPY (819) IS IN PLACE**

- 1- ATTACH THE RAIN COVER POUCH WITH THE TWO BUTTONS LOCATED ON THE BACK OF THE CANOPY
- 2- OPEN THE ZIPPER ON THE POUCH
- 3- REMOVE THE RAIN COVER FROM THE POUCH AND POSITION IT SO THAT IT COVERS THE STROLLER
- 4- ATTACH THE RAIN COVER TO THE FRAME USING THE STRAPS WITH BUTTONS

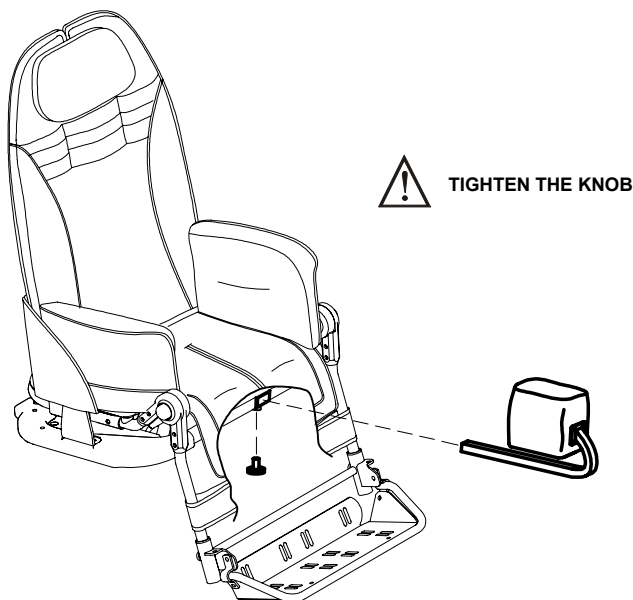




## FOOT STRAPS 827



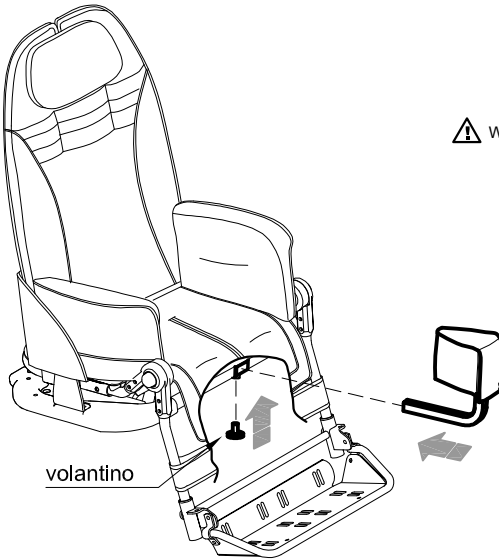
## Padded ABDUCTION BLOCK 834





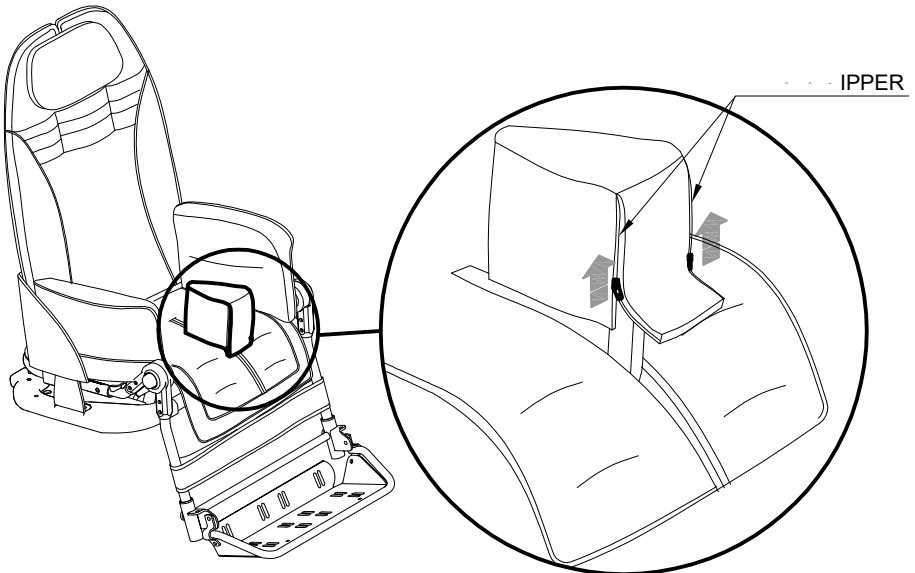
## ADJUSTABLE ABDUCTION BLOCK 834R

### **A** INSERT THE ABDUCTION BLOCK AND TIGHTEN THE KNOB



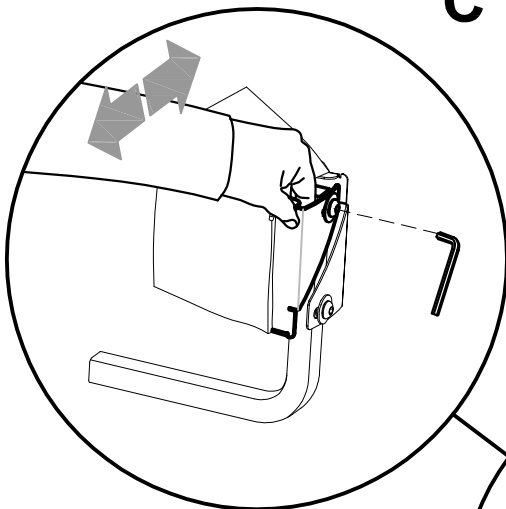
 WARNING! TIGHTEN THE KNOB WELL

### **B** OPEN THE EDGE COVER USING THE TWO ZIPPERS

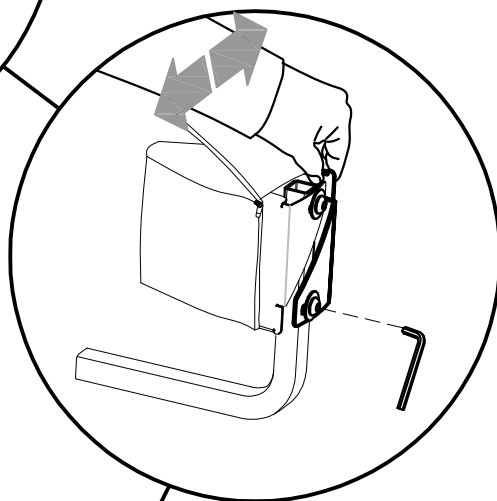




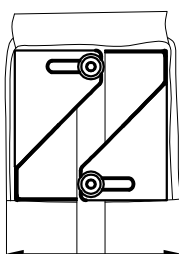
**C** ADJUST THE LEFT PART OF THE ABDUCTION BLOCK SHEET IN WIDTH.



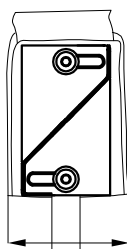
**D** ADJUST THE RIGHT PART OF THE ABDUCTION BLOCK SHEET IN WIDTH



BACK VIEW



MAX

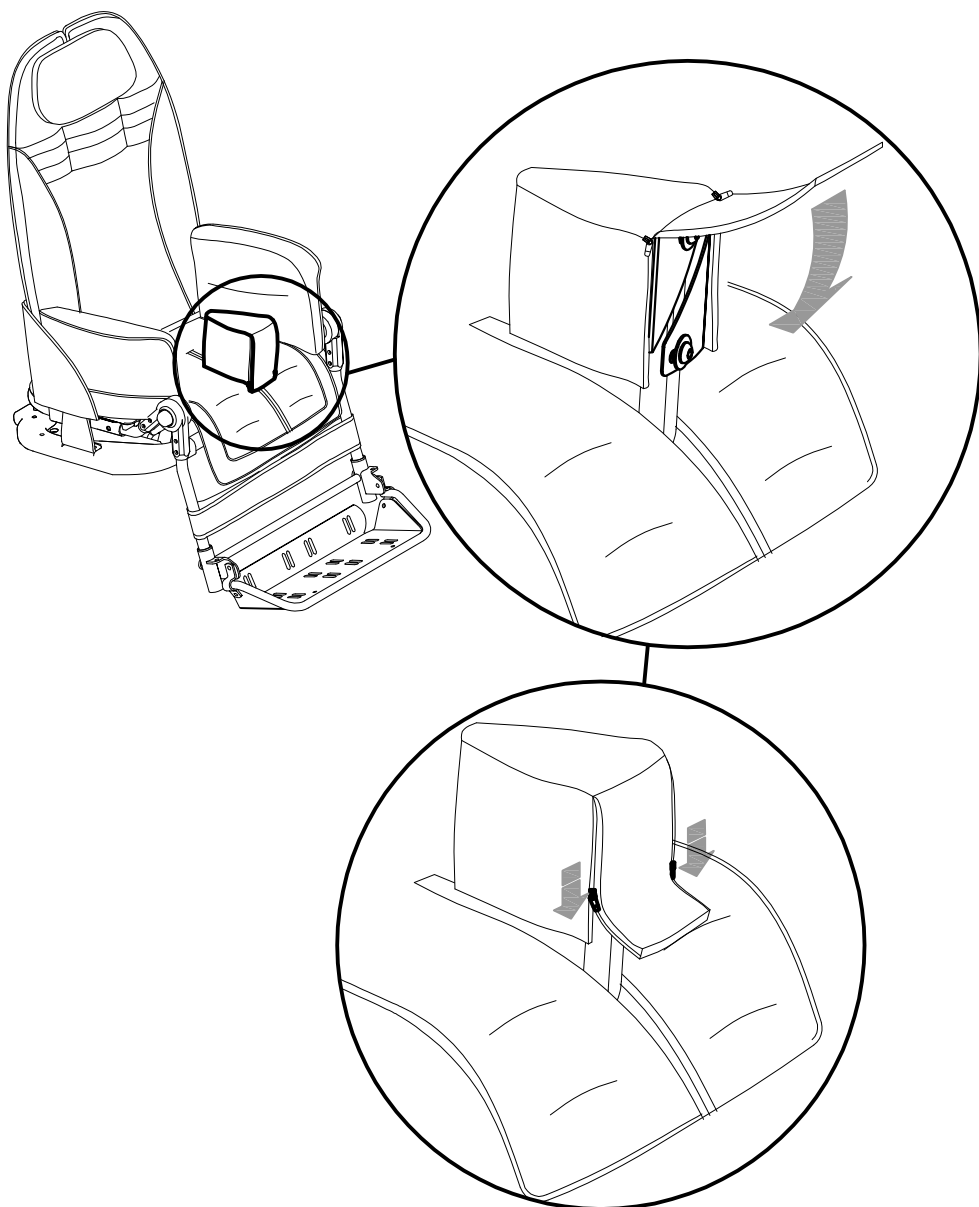


MIN.





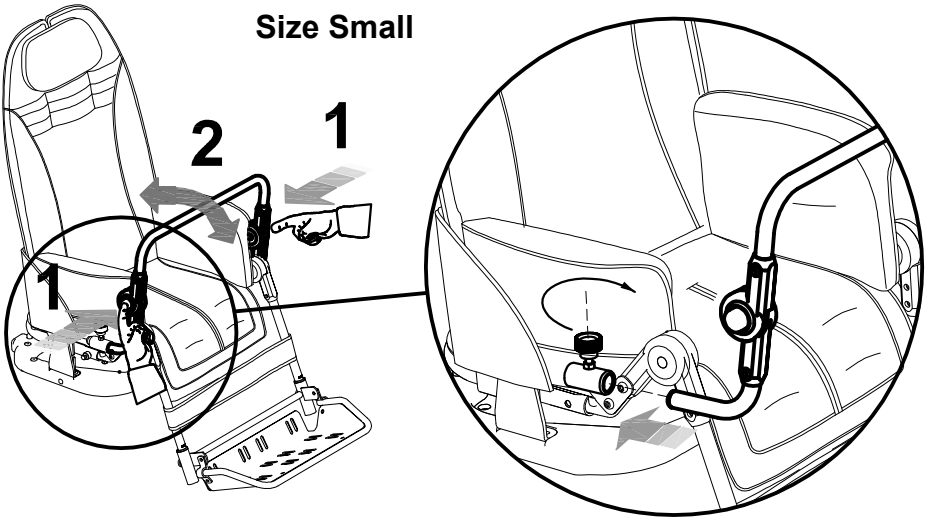
# E CLOSE THE EDGE COVER USING THE TWO ZIPPERS



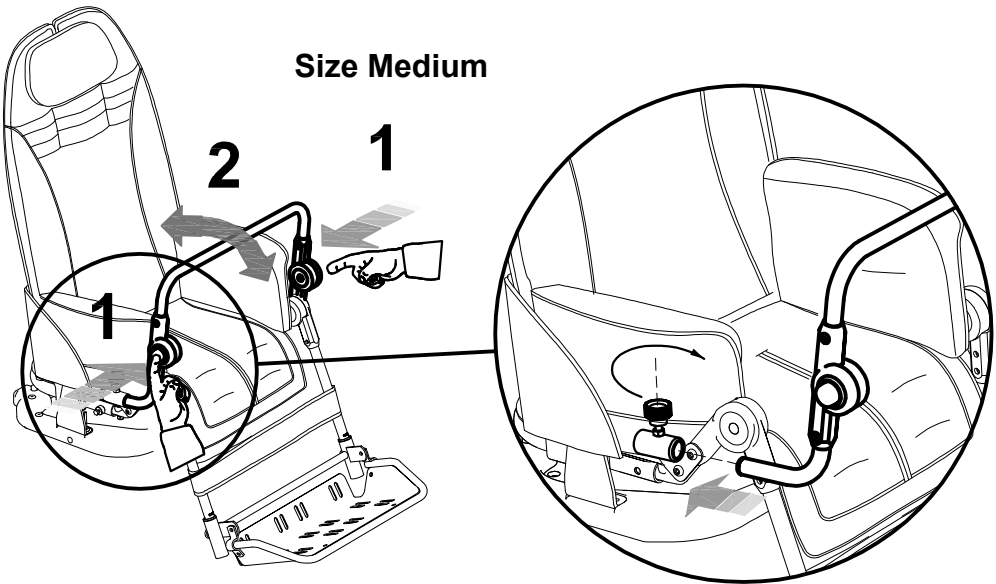


## FRONT HANDLE 839

**Size Small**



**Size Medium**

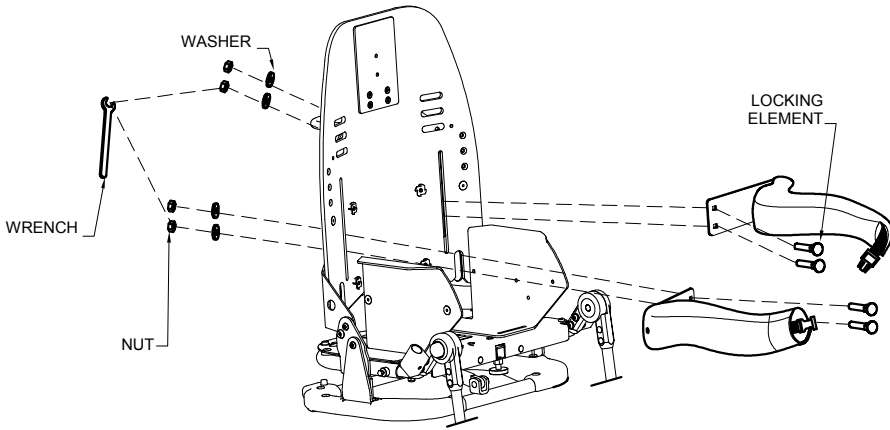


 **TIGHTEN THE KNOB**



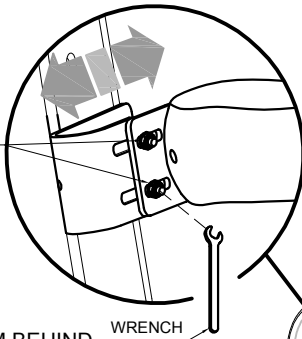
## FLEXIBLE AND WRAP-AROUND SIDE SUPPORTS FOR THE TRUNK 868

adjustable height and width



**TO ADJUST THE POSITION OF THE FRONT JOINTED BRACE, LOOSEN THE SCREWS LOCATED BEHIND THE BACKREST WITH THE PROVIDED WRENCH**

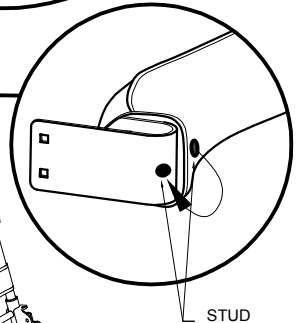
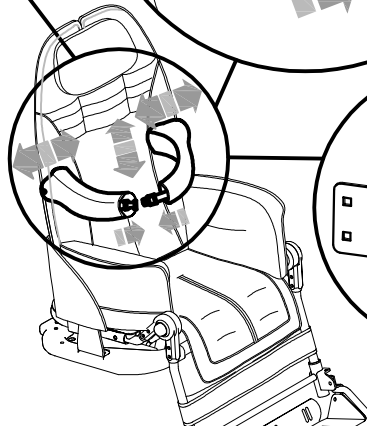
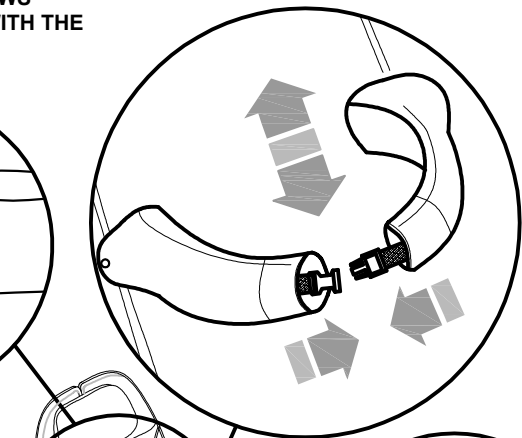
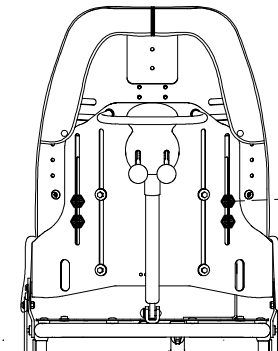
**SCREWS  
ADJUSTMENT  
IN WIDTH**



**VIEW FROM BEHIND**

**WRENCH**

**WRENCH**

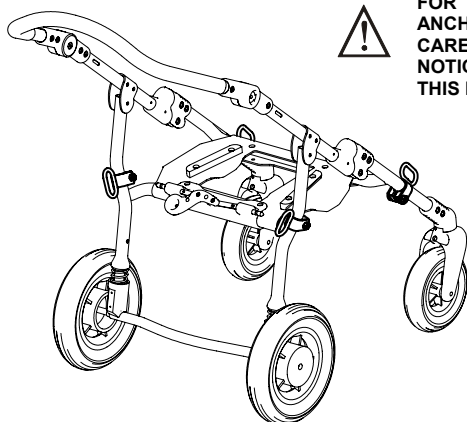




## 891 TIEDOWN HOOKS (4 RINGS) **891**

only available for the 4-wheel 869 base

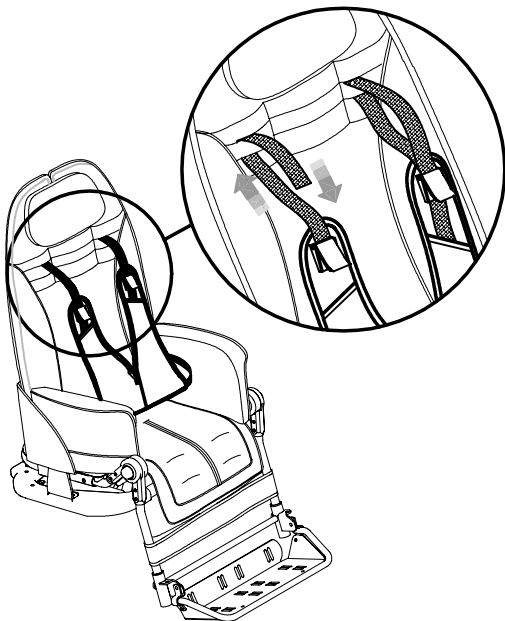
THE BUG 4-WHEEL STROLLER (seat unit + 869 base) conforms to the ISO 7176-19 and ANSI RESNA WC/19 standard, which defines the safety requirements for transport, facing in the direction of travel, on moving vehicles (private cars, buses, etc.)



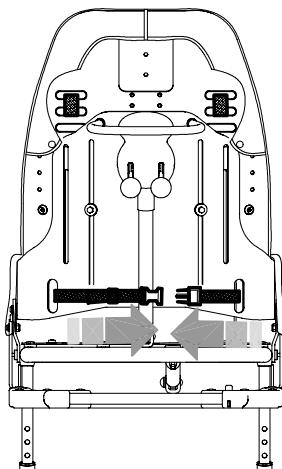
FOR THE ASSEMBLY OF THE 891 ACCESSORY AND ANCHORING THE STROLLER TO THE VEHICLE, CAREFULLY READ THE INSTRUCTIONS AND NOTICES ON PAGES 12, 13, 14, 15 AND 16 OF THIS MANUAL

VIEW FROM BEHIND

## VEST HARNESS **853**



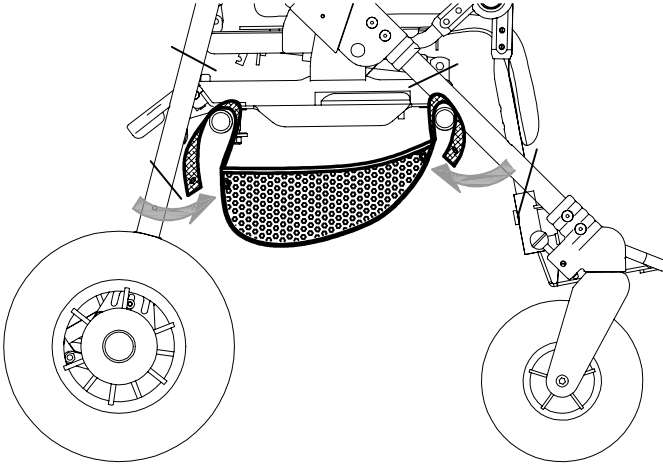
VIEW FROM BEHIND



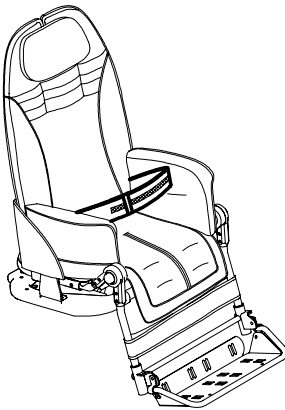


## NET BASKET 858

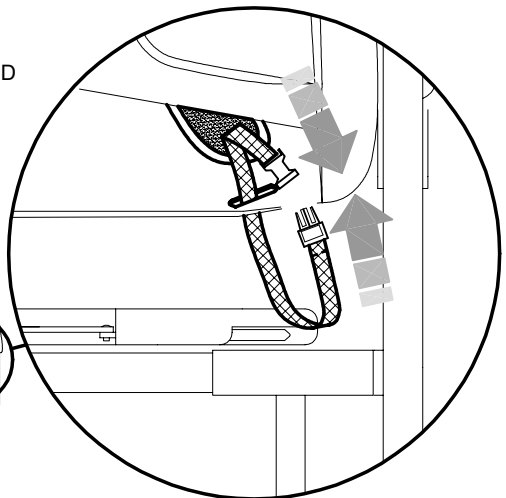
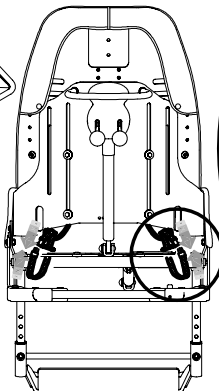
Only available for OUTDOOR BASE 869



## 45° SEAT BELT 894

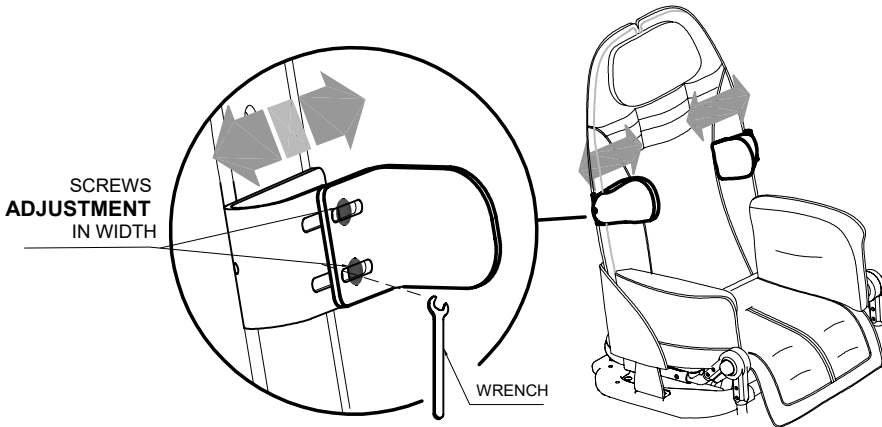
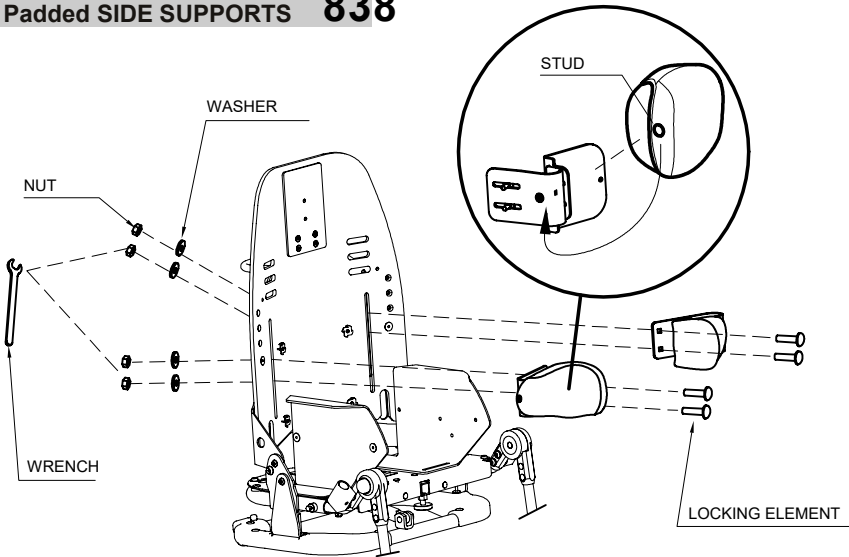


VIEW FROM BEHIND

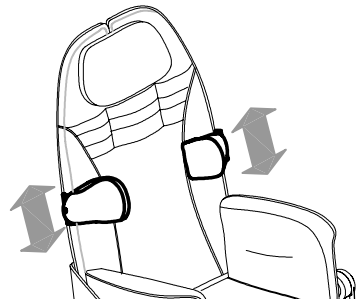
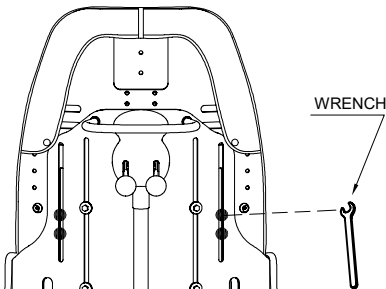




## Padded SIDE SUPPORTS 838

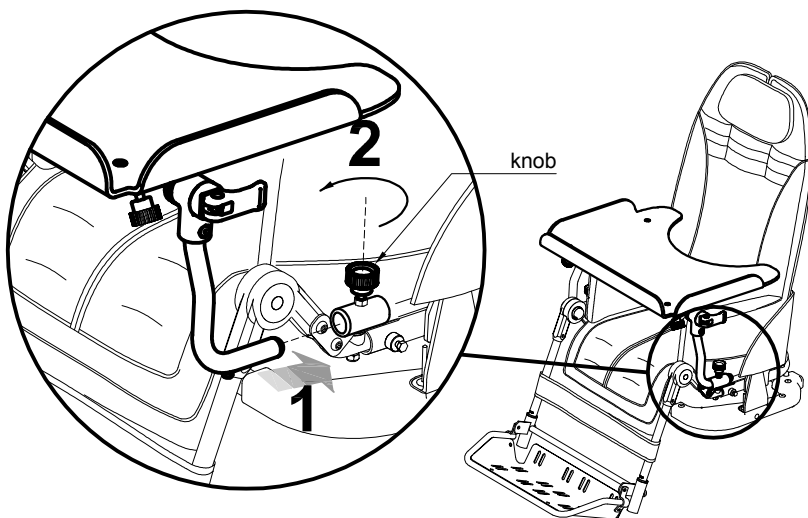


### VIEW FROM BEHIND

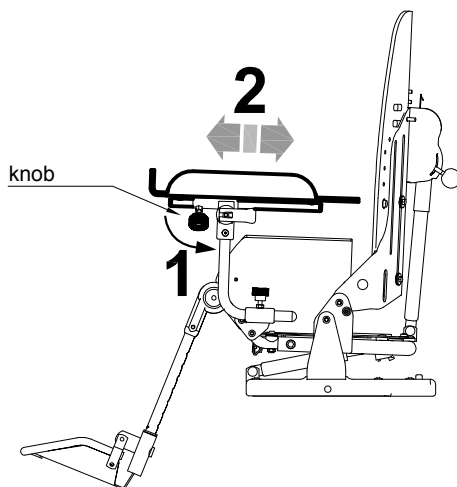
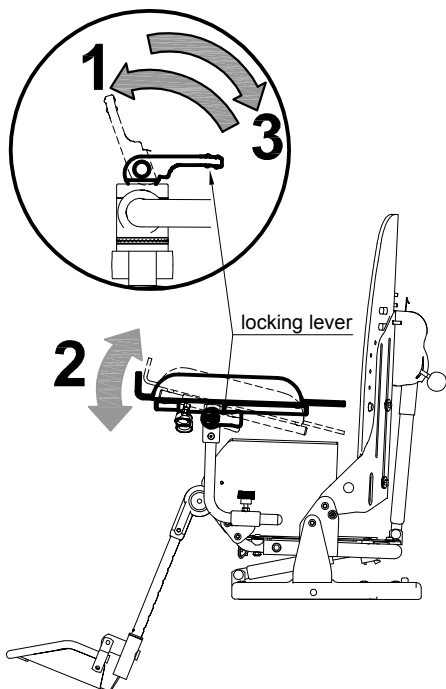




# TRAY 824



VIEW FROM BELOW

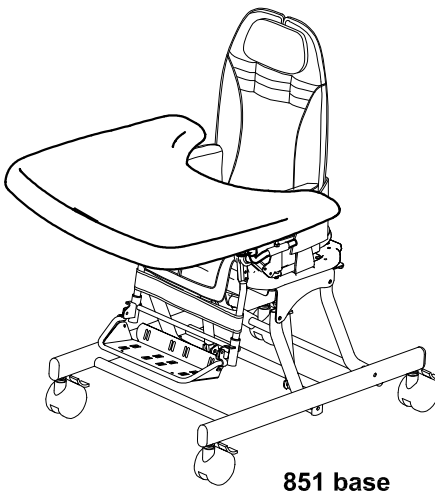
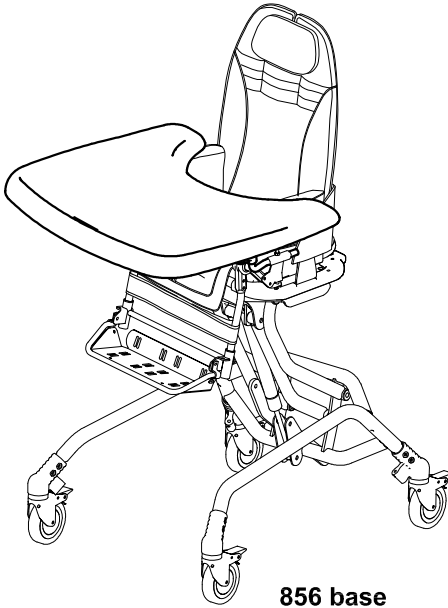


 **TIGHTEN THE KNOB**



## TRAY for BUG WITH 856 and 851 BASES **824B**

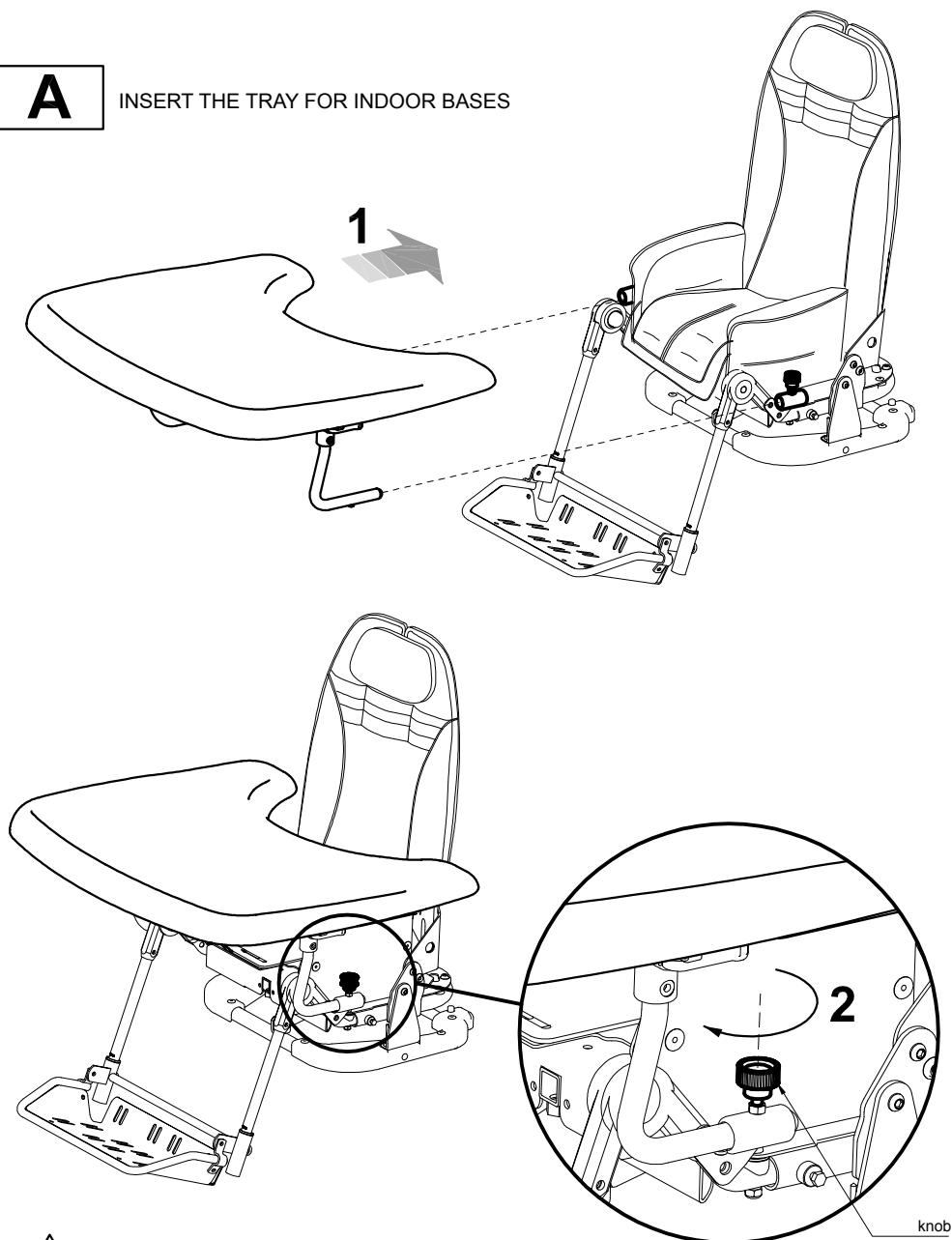
**THIS TRAY IS ONLY FOR THE 856 AND 851 INDOOR BASES**





**A**

INSERT THE TRAY FOR INDOOR BASES

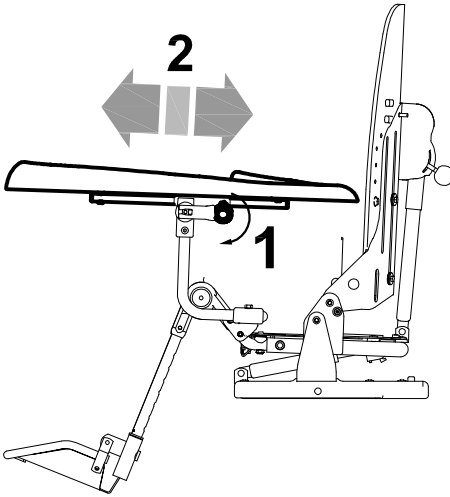


**⚠ WARNING! TIGHTEN THE KNOB WELL**



**⚠ WARNINGS!**

- a) Before adjusting the tray, brake the 856, 851 base.
- b) Before adjusting the tray or change the seat tilt, take any material off as, should it tip over, it could damage or cause injury to someone

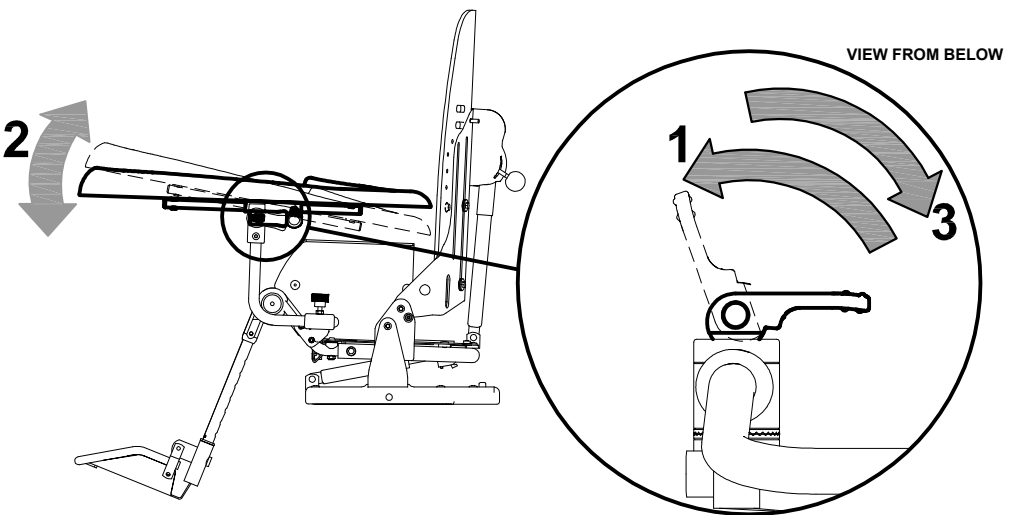


**B**

**DEPTH ADJUSTMENT**

**C**

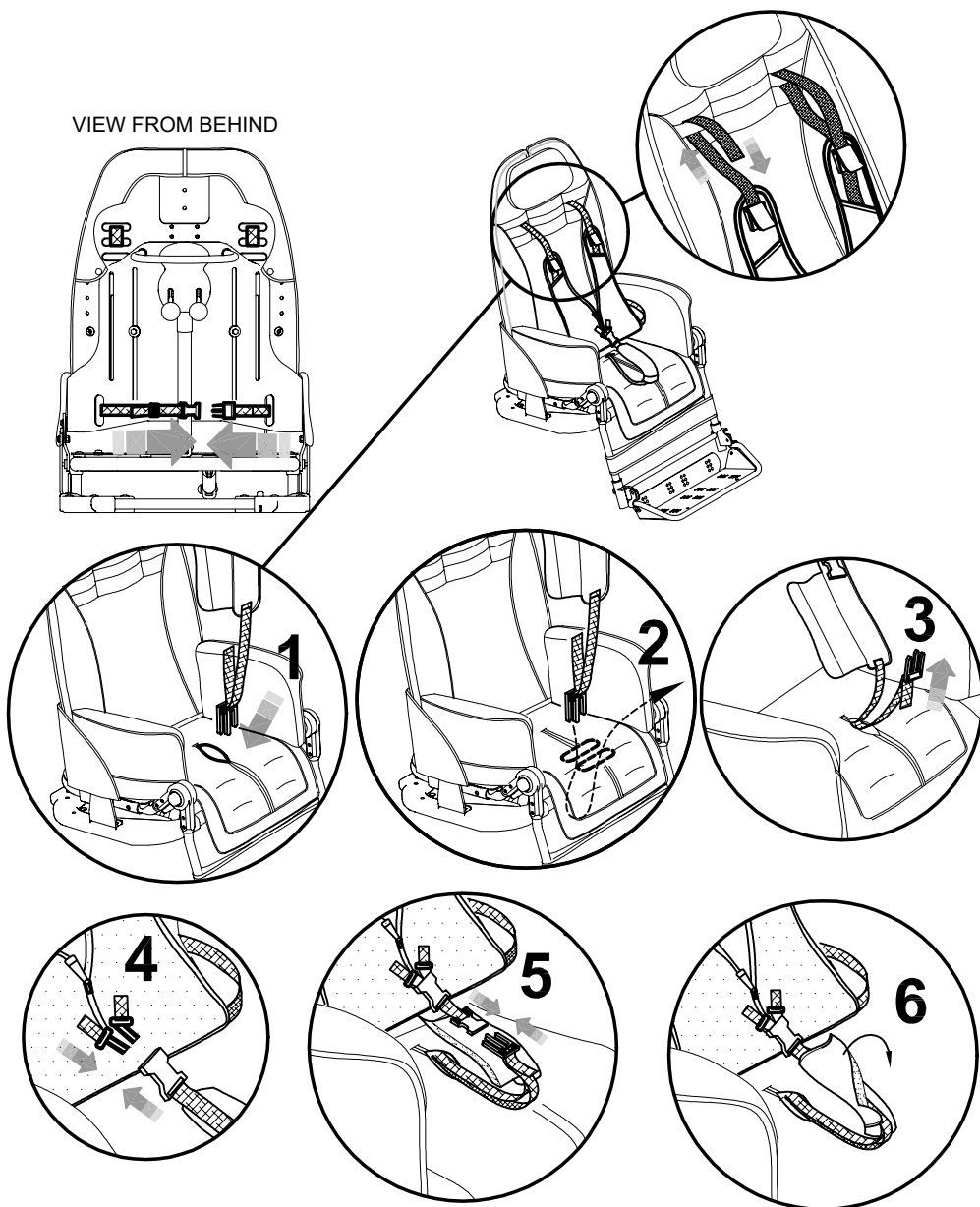
**TILT ADJUSTMENT**





## 5-POINT VEST HARNESS 903

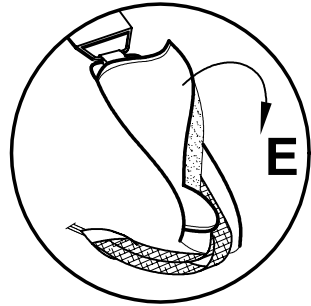
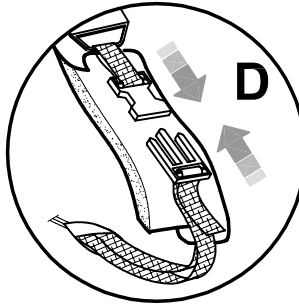
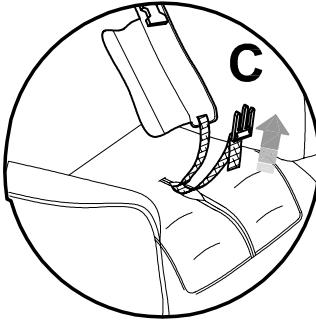
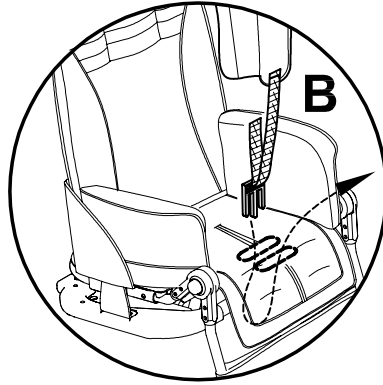
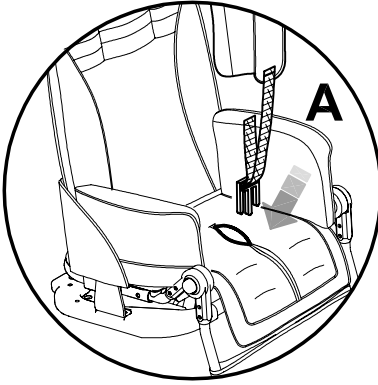
VIEW FROM BEHIND



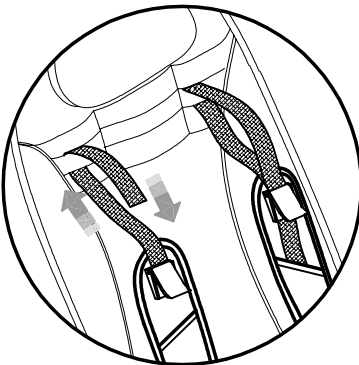


## 5-POINT HARNESS 906

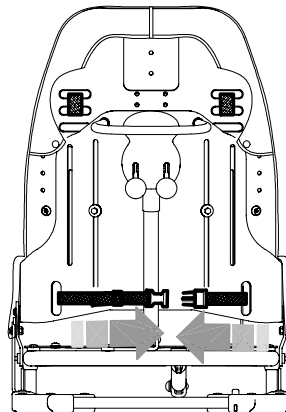
### 1 FIXING THE STRAP ON THE BOTTOM OF THE SEAT



### 2 FIXING THE STRAPS ON THE UPPER PART OF THE BACKREST



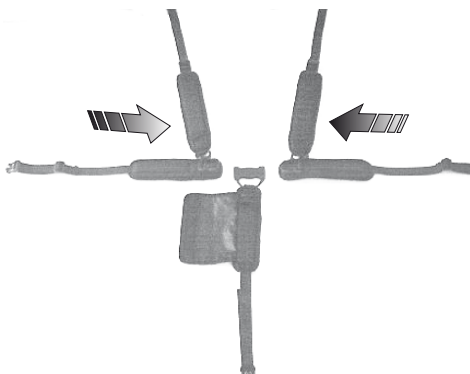
### 3 FIXING THE BACK BUCKLES



VIEW FROM BEHIND



#### 4 FIXING THE FRONT BUCKLES



#### 5 ASSEMBLED HARNESS

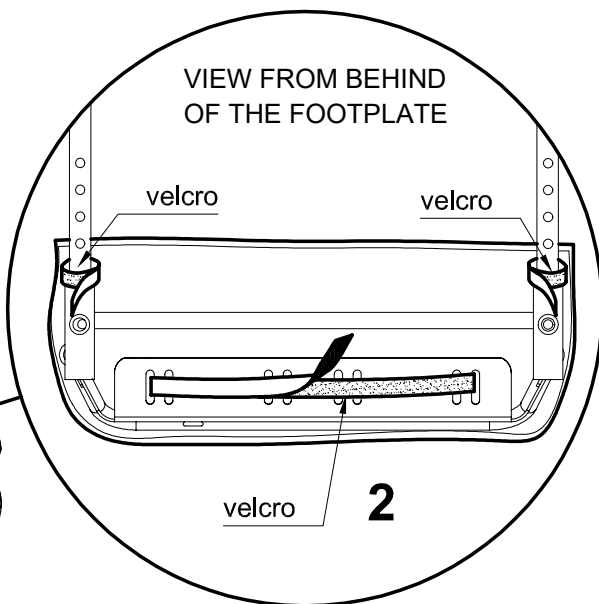
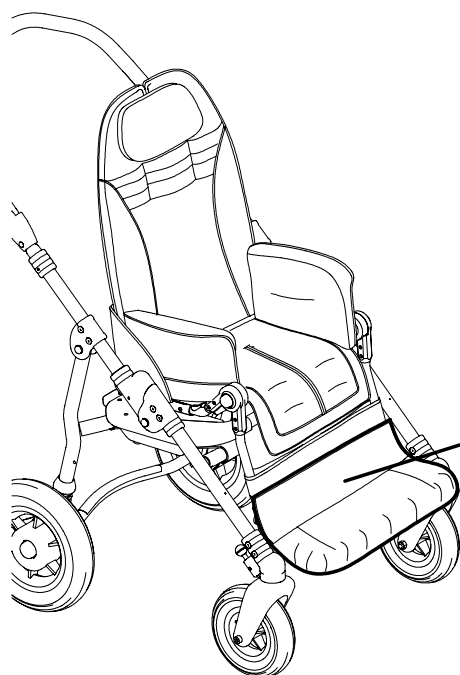
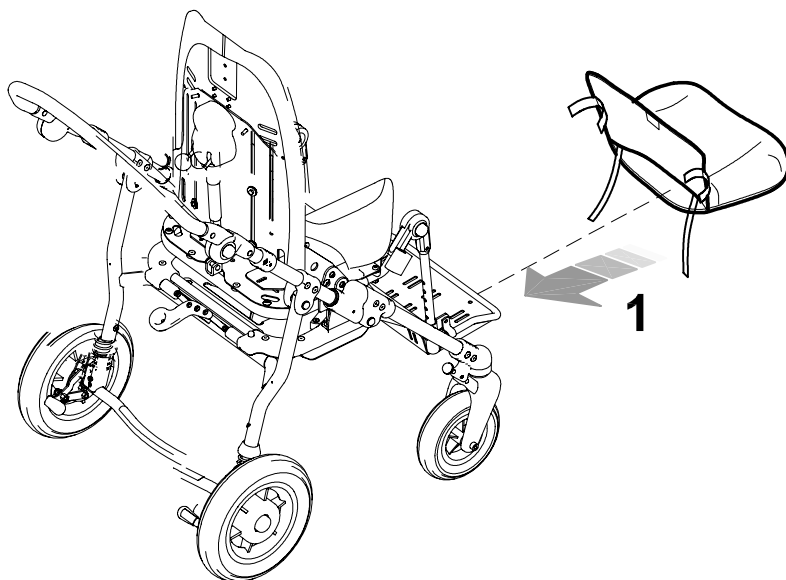


BUG sizes	Circumference Min. max.
SMALL	57-84 cm (22,4"-33")
MEDIUM	80-108 cm (31,4"-42,5")

The numbers divided by the dash specify a minimum and a maximum adjustment



## PADDED COVERING for FOOTPLATE 892





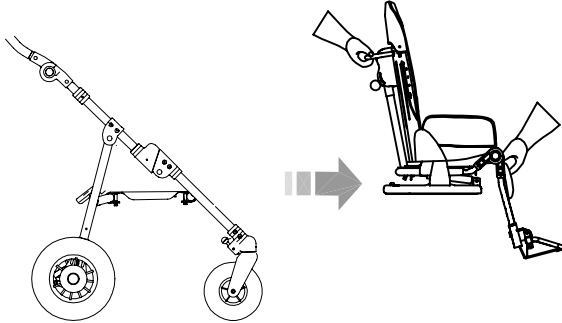
## HAND BRAKE

# 905

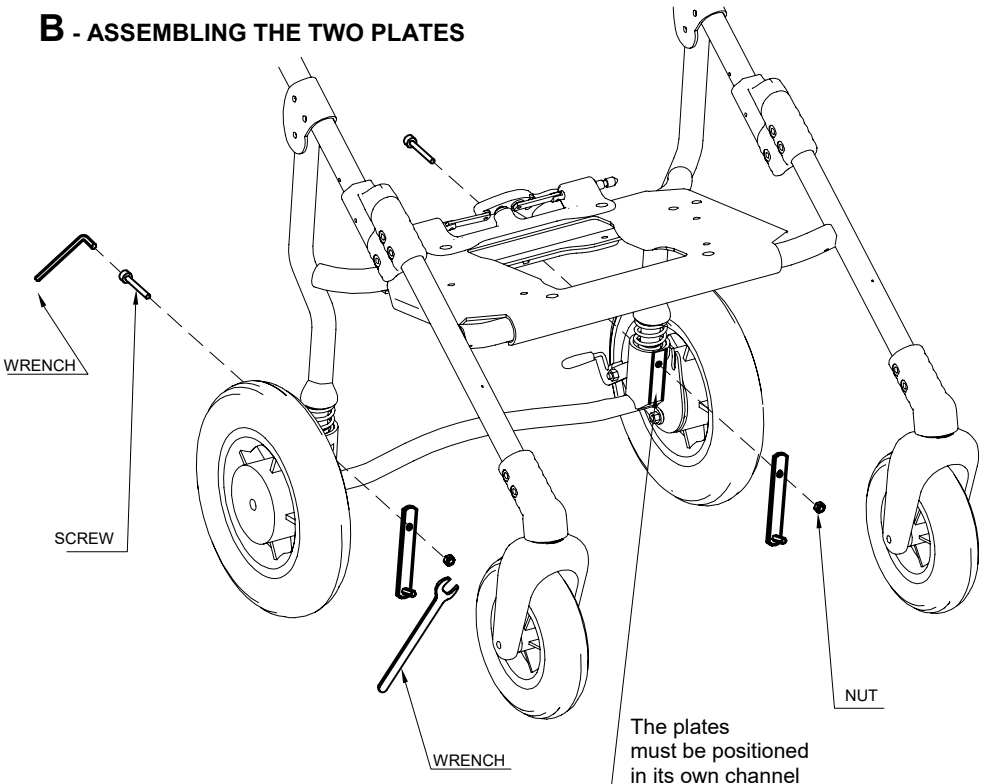
### A - TAKE THE SEAT OUT OF THE FRAME



**BEWARE !** The hand brake must be installed by qualified personnel, such as the manufacturer or the dealer who sold the product or a specialized mechanical company



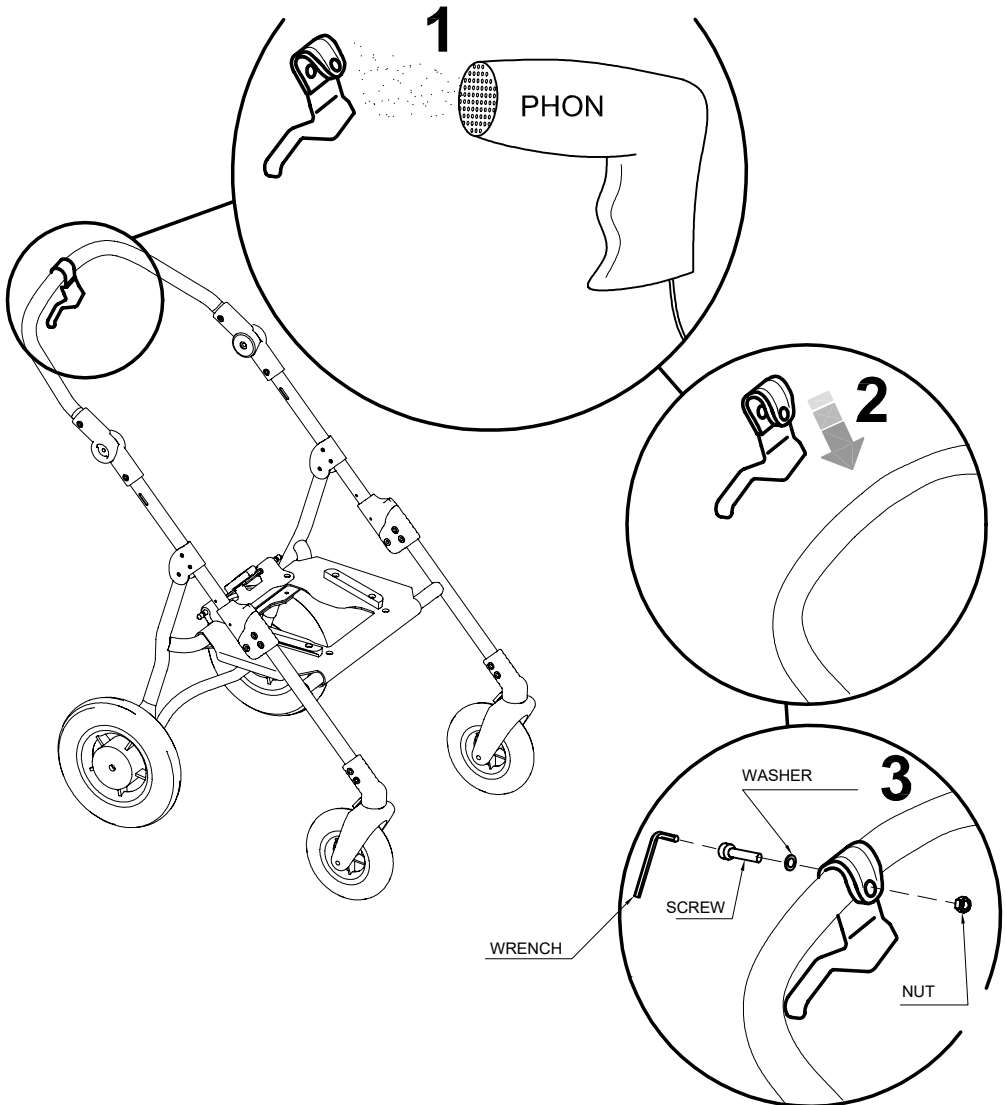
### B - ASSEMBLING THE TWO PLATES





## C- FIXING THE LEVER OF THE HAND BRAKE

- 1-GET THE PLASTIC PART OF THE BRAKE LEVER WARM, BY USING A DRYER
- 2-PUT THE BRAKE LEVER ON THE PUSH HANDLE
- 3-FIX AND TIGHTEN THE SCREW

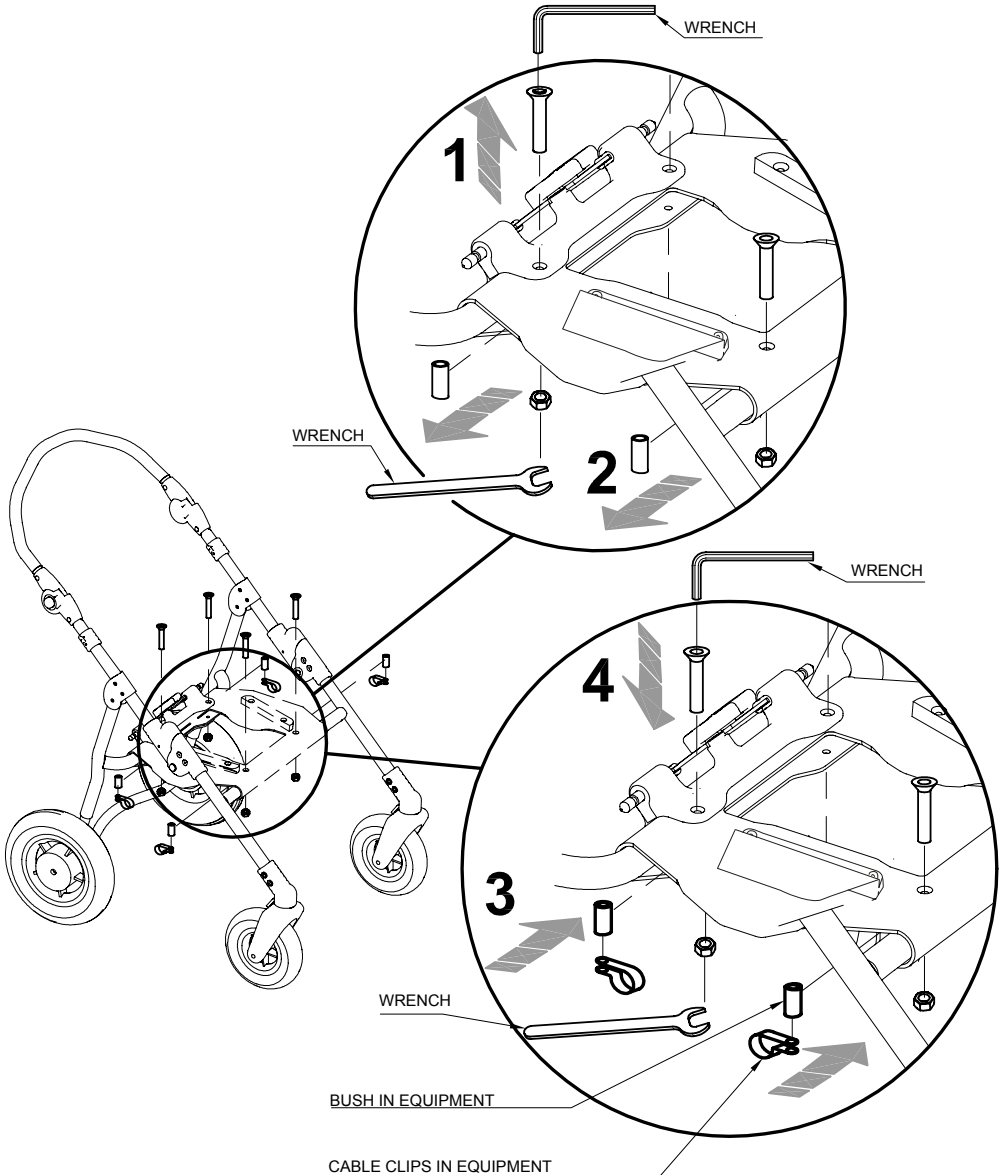






## D - FIXING THE CABLE CLIPS

- 1- LOOSEN THE 4 SCREWS
- 2- REMOVE THE 4 EXISTING PLASTIC BUSH
- 3- FIX THE 4 PLASTIC BUSH IN EQUIPMENT AND THE CABLE CLIPS
- 4- FIX THE SCREWS





## E - FIXING THE DOUBLER OF THE BRAKE

LET THE FREE END  
OF THE CABLE,  
PASS THROUGH  
THE CABLE CLIPS

WRENCH

SCREW

DOUBLER COVER

LET THE FREE END  
OF THE CABLE,  
PASS THROUGH  
THE CABLE CLIPS

DOUBLER

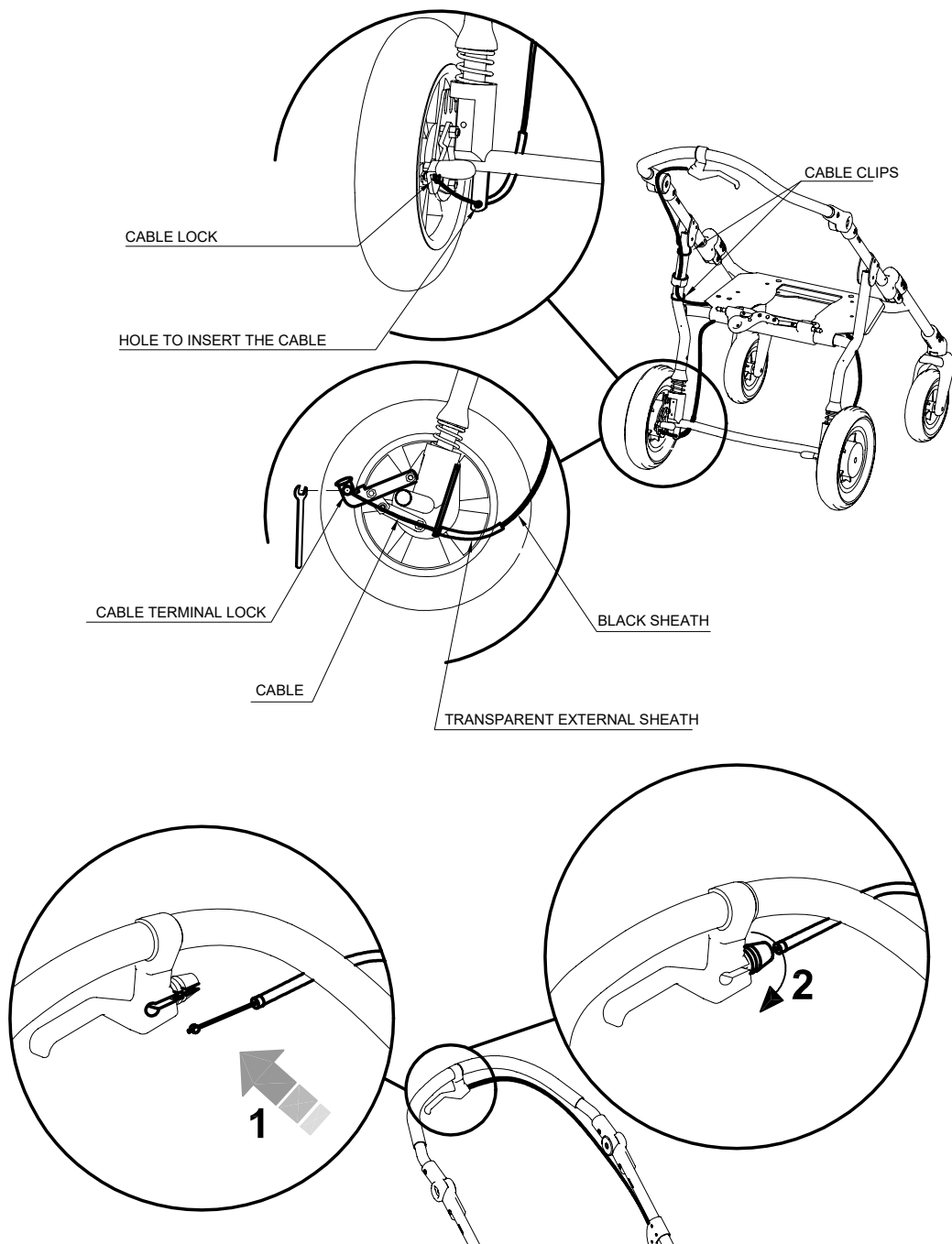
NUT

CABLE CLIPS

CABLE CLIPS



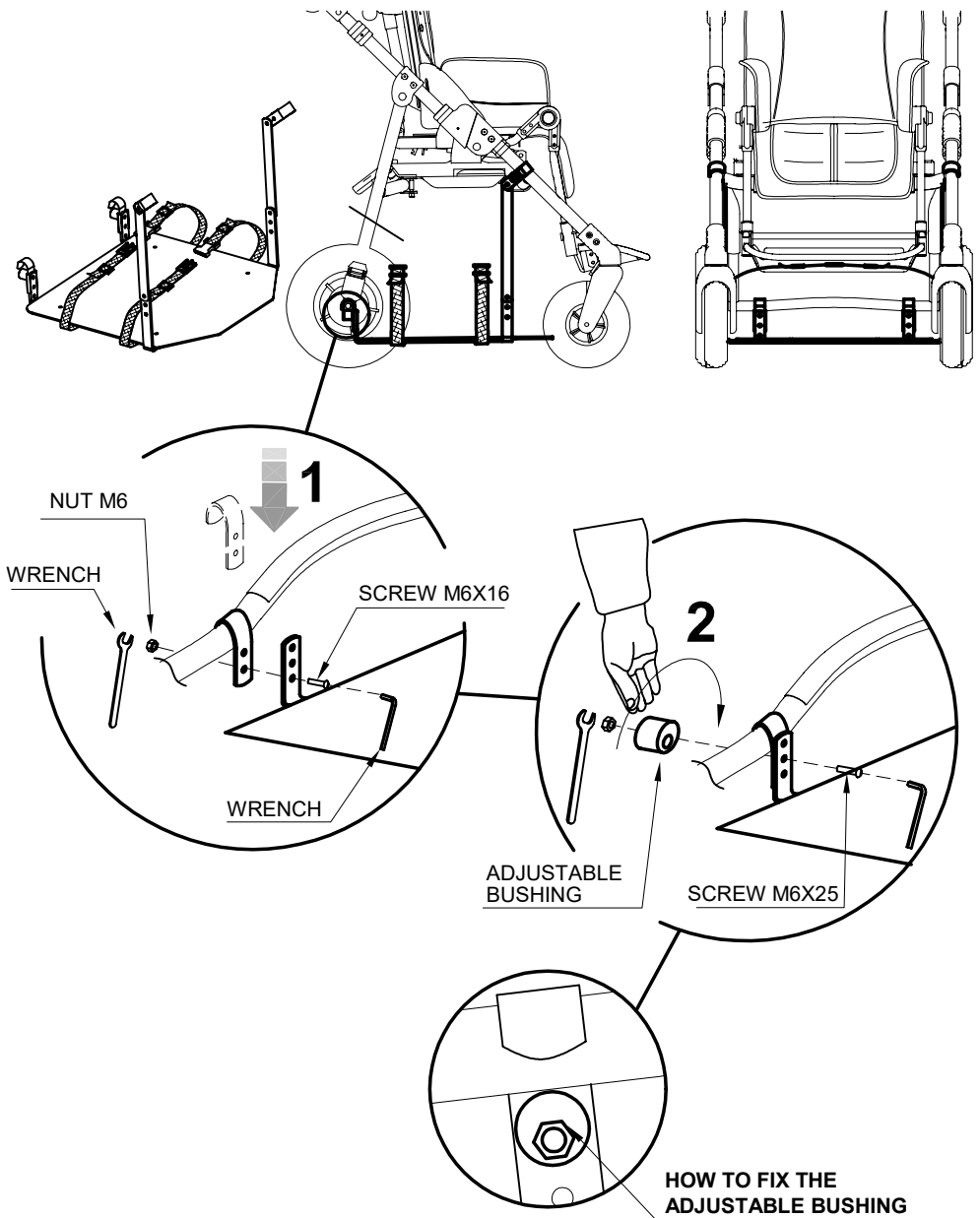
## F - FIXING THE CABLES

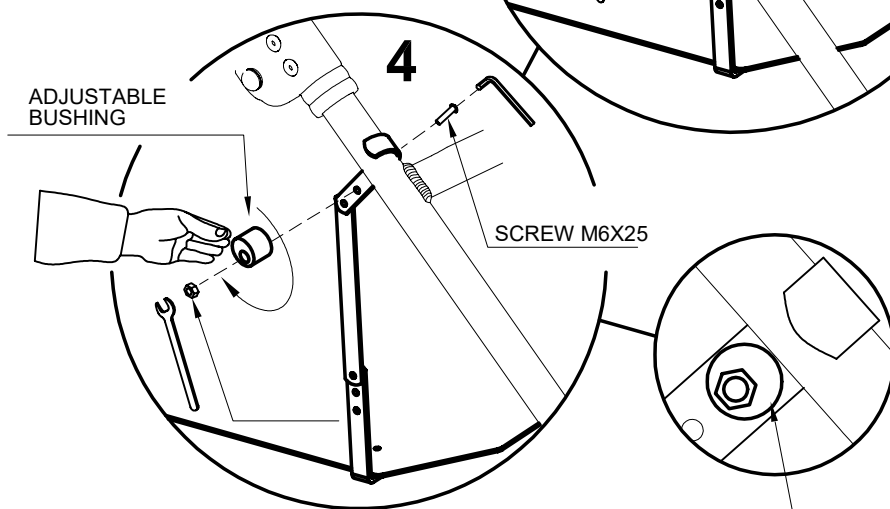
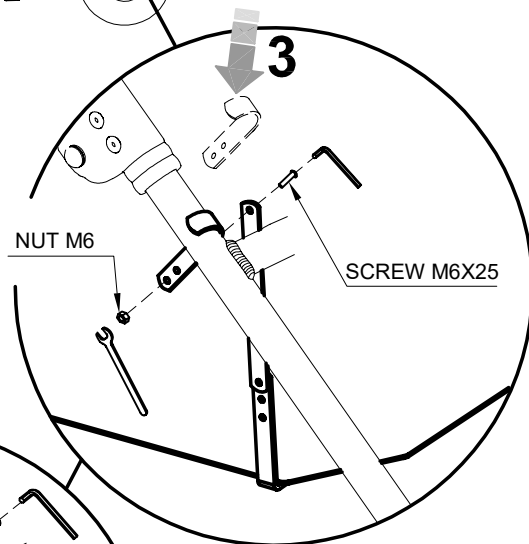
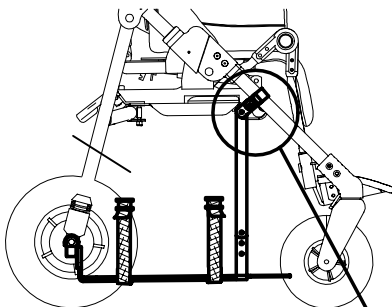




## VENT TRAY **911**

*Available only for 869 external base*





**HOW TO FIX THE  
ADJUSTABLE BUSHING**

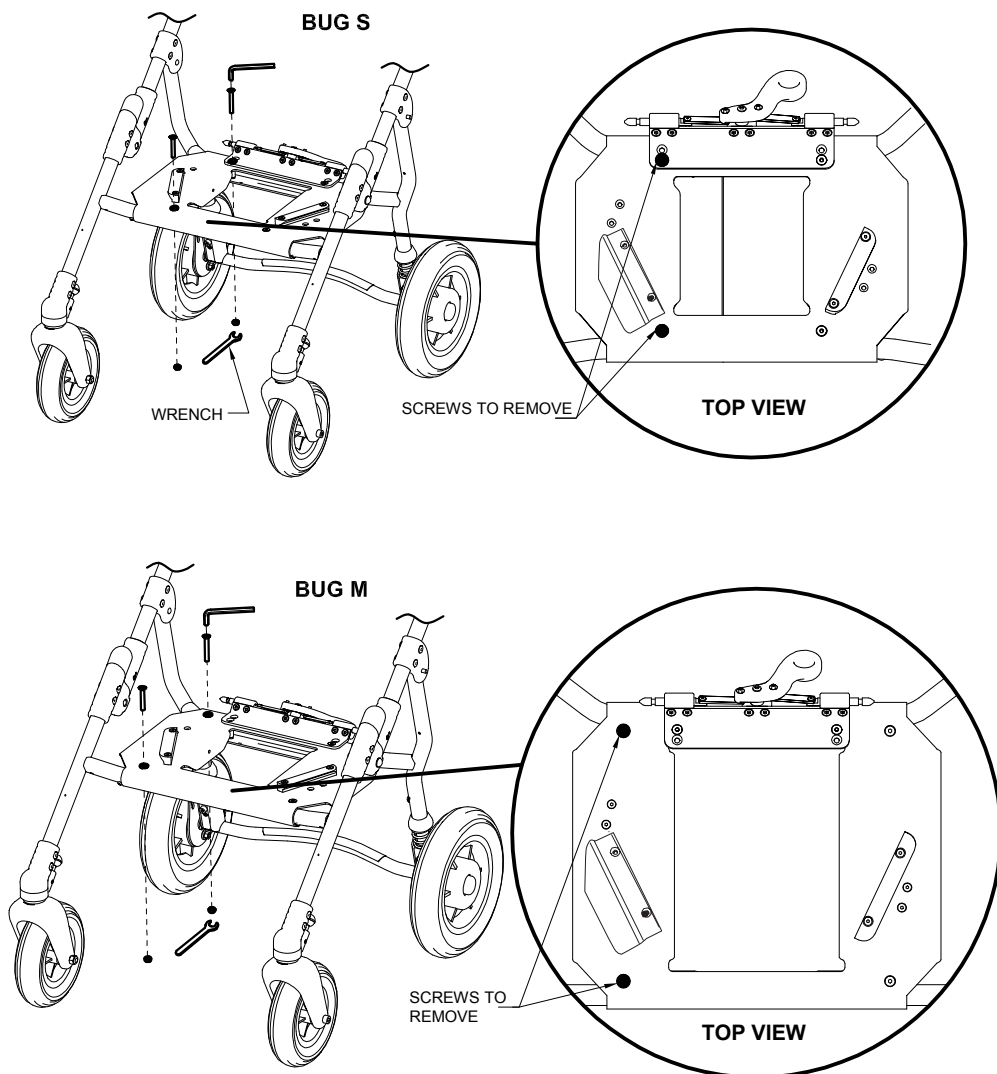


## OXYGEN BOTTLE HOLDER 935

### BEWARE!

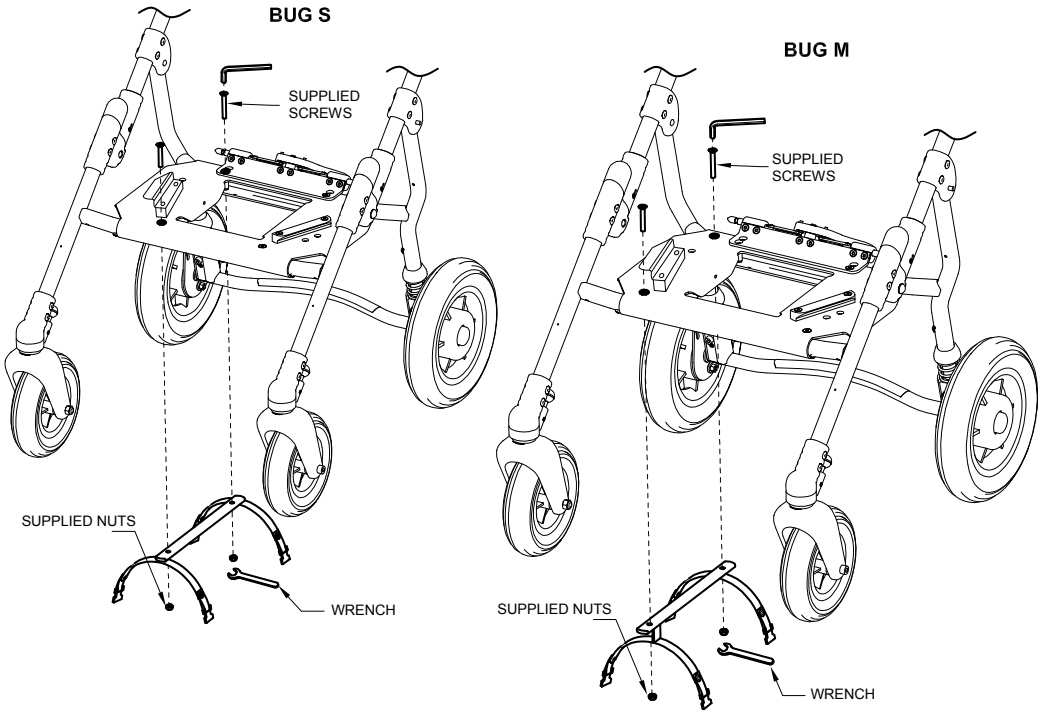
during transport on a moving vehicle, **the oxygen bottle and the respirator have to be removed from the pushchair frame** to avoid damages in case of an accident, and **they have to be secured to the vehicle** to reduce the chances of injury to the other occupants

### A Remove the 2 screws

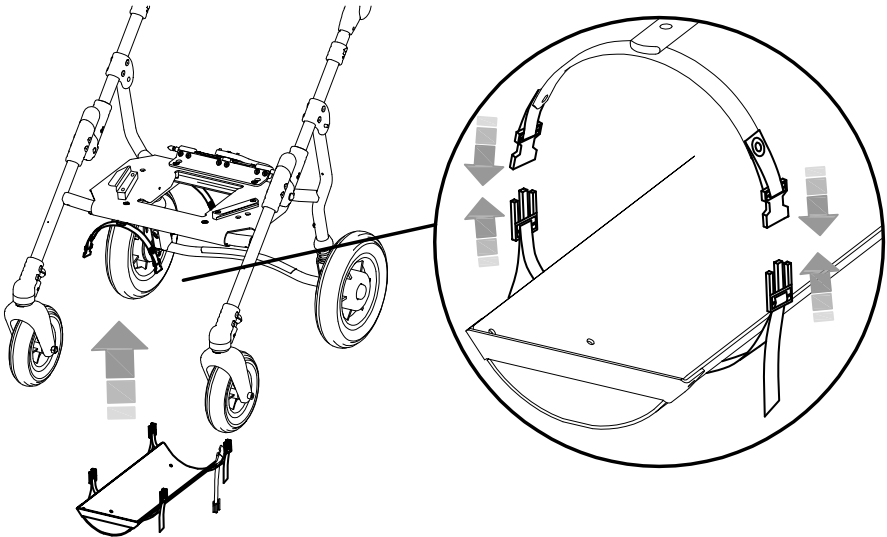




## **B** assemble the upper frame using the supplied screws

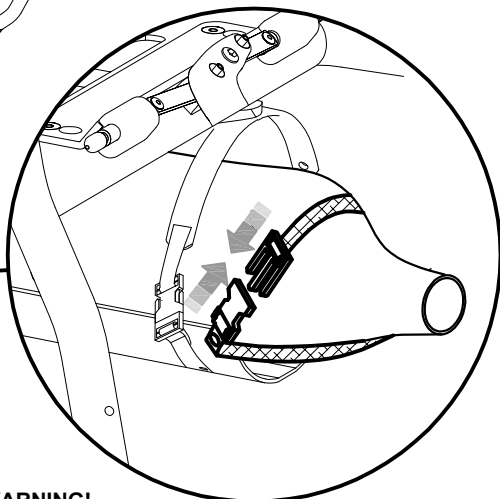
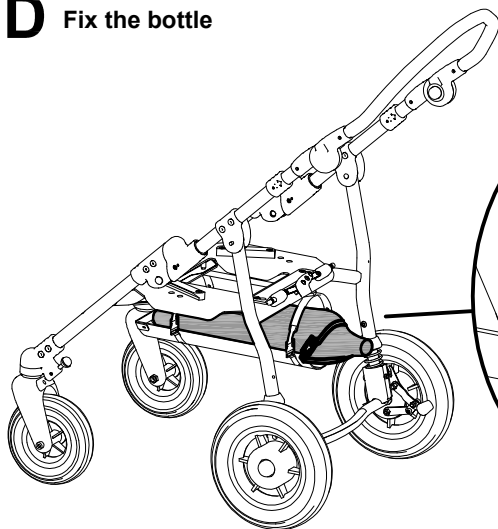


## **C** assemble the lower frame through the 4 buckles



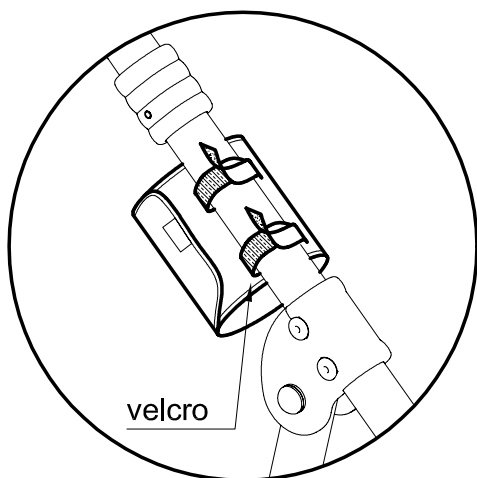


## D Fix the bottle

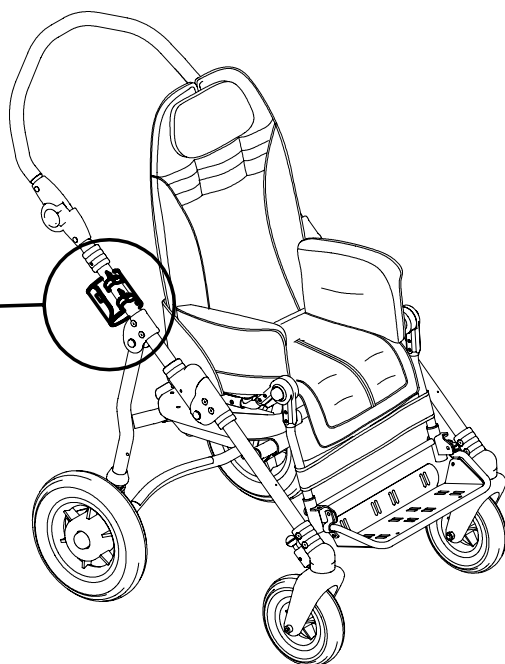


**WARNING!**  
Pull well all the straps so to avoid  
the oscillation of the oxygen bottle

## BOTTLE HOLDER 922



velcro

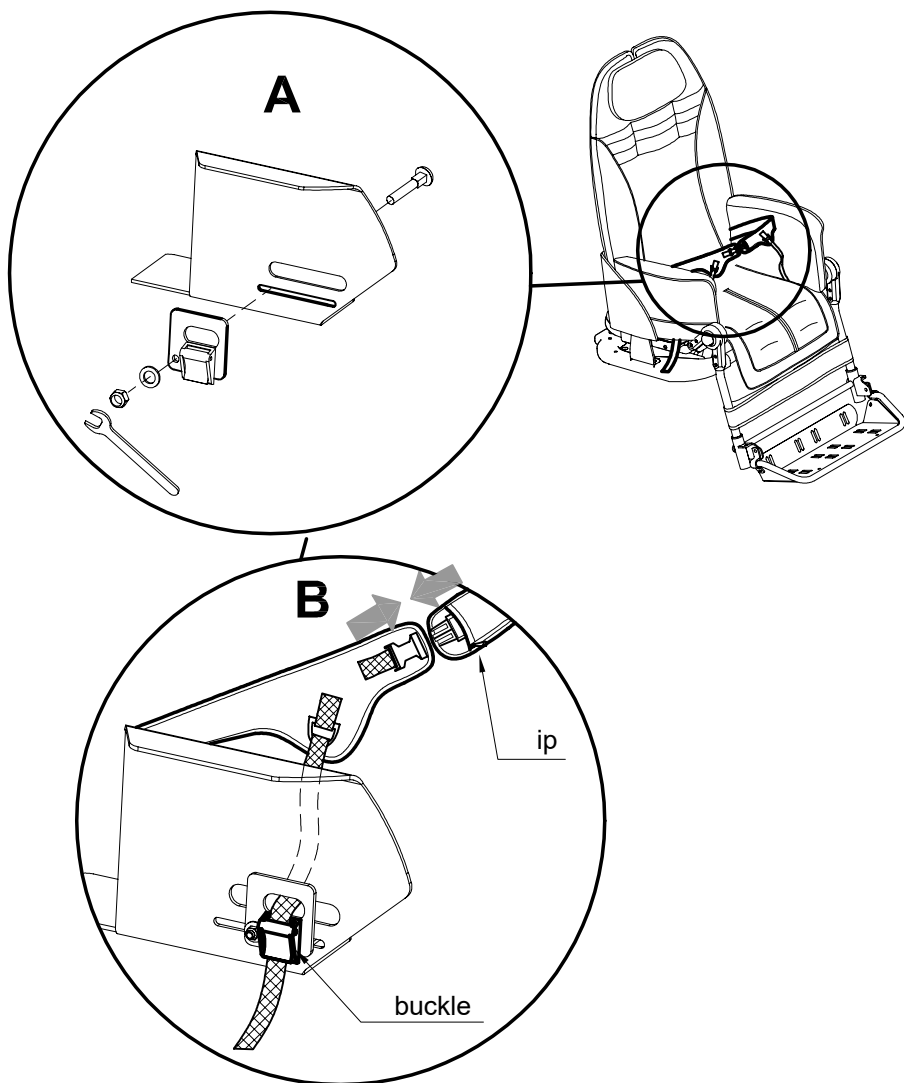


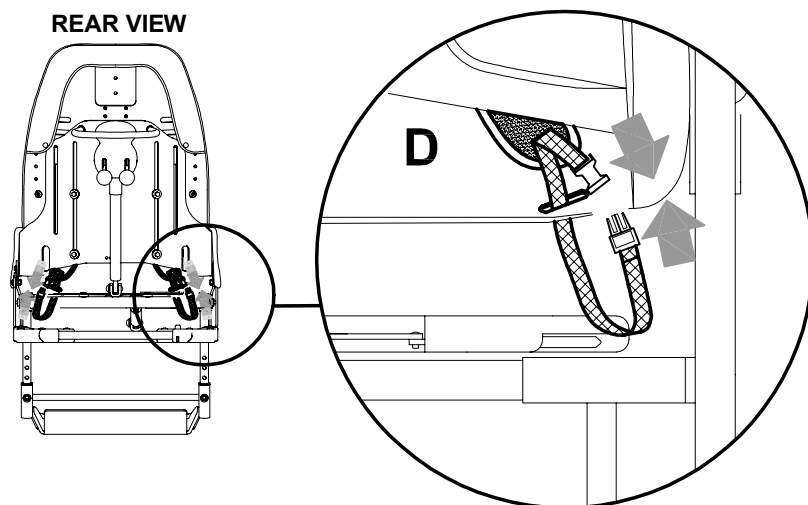
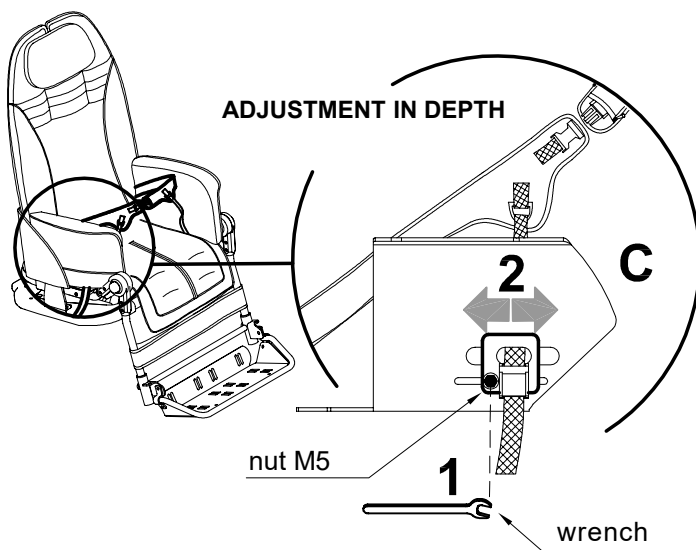




## 4-POINT SEAT BELT 920

**BEFORE FIXING THE 4-POINT SEAT BELT REMOVE THE SIDE UPHOLSTERIES (SEE PAGE 94)**





**Available only for 869 external base**

The 921 sibling rear footboard must be fixed on the back thanks to the plastic straps. It has a telescopic arm to adjust the footboard in depth, screws to adjust the tilt and two pivoting wheels.

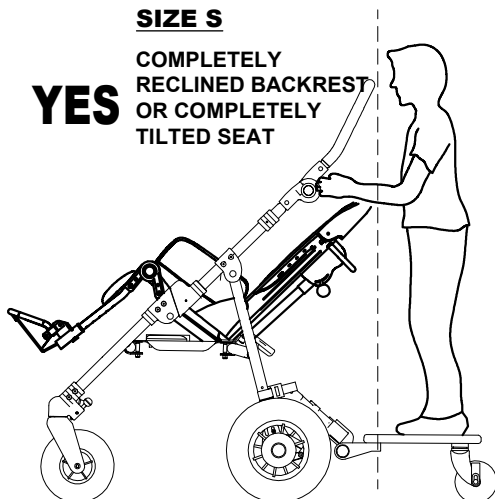
the board is suitable **for children from 2 to 5 years old, weighing less than 20 kg.**

**WARNING:**

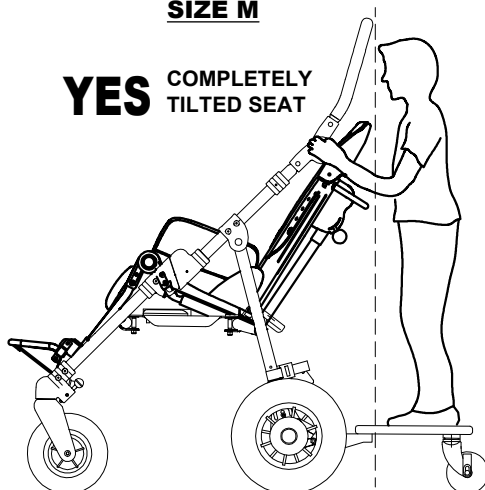
- **Never leave the child unattended**
- **Make sure all the blocking devices are correctly installed** before use.
- Do not use the board if **your child cannot walk independently and without help.**
- The footboard can be tipped up (see the Manufacturer Manual). However **remove the board** before folding the pushchair.
- Children must only be transported on the footboard in a **standing position.**
- **Allow your child to alight from the board, before reaching pavement edges, stairs, steep paths, tight corners, as well as when maneuvering backwards.**
- The use of the board is only admissible if there is a **second child in the pushchair.**
- This products is **not suitable for the while running or skating.**

**SIZE S****YES**

COMPLETELY  
RECLINED BACKREST  
OR COMPLETELY  
TILTED SEAT

**SIZE M****YES**

COMPLETELY  
TILTED SEAT

**ATTENTION!**

THE SIBLING REAR FOOTBOARD  
LIMITS THE INTERMEDIATE  
COMBINATIONS

**ATTENTION!**

THE SIBLING REAR FOOTBOARD  
LIMITS THE BACKREST RECLINE  
AND THE RECLINE/TILT  
COMBINATIONS

**Notes:**

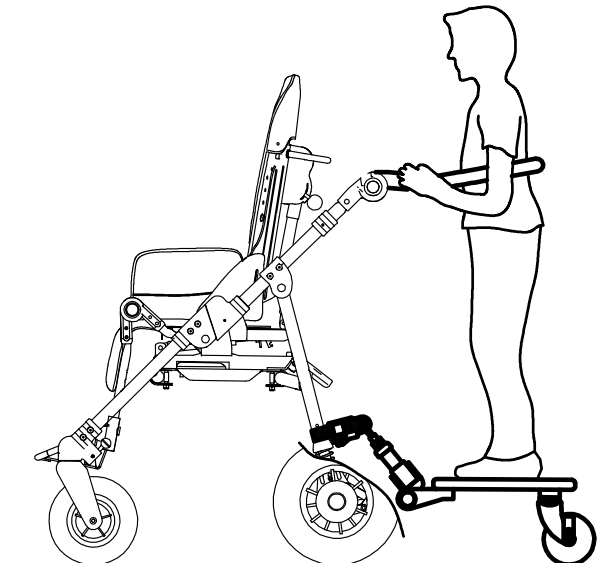
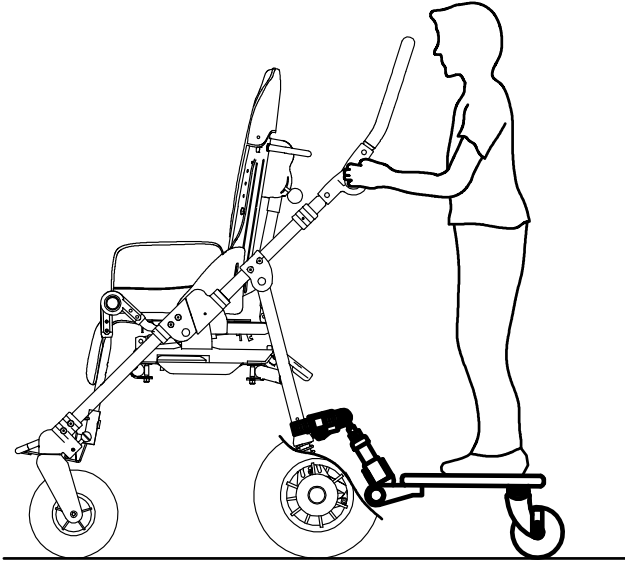
- **For more information on the adjustment, closure, maintenance of the board, refer to the user manual of the manufacturer, supplied with the footboard .**



## A - PLACEMENT OF THE CHILD ON THE BOARD

It is recommended to adjust the push handle and the telescopic arms in order to guarantee the comfort both of the child on the rear footboard and the driver. In effect, adjusting the telescopic arms to their maximum extension, could reduce the available space inside the push handle excessively and/or the footboard could hinder the driver.

### BUG seat with 4 wheel base 869

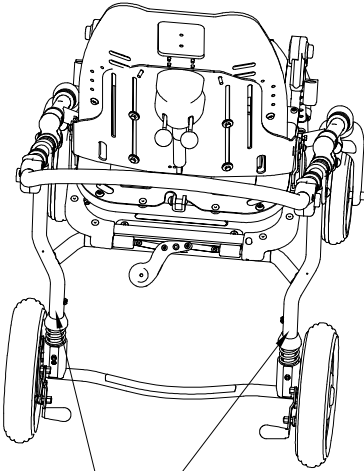




## B - MOUNTING

VIEW FROM BEHIND

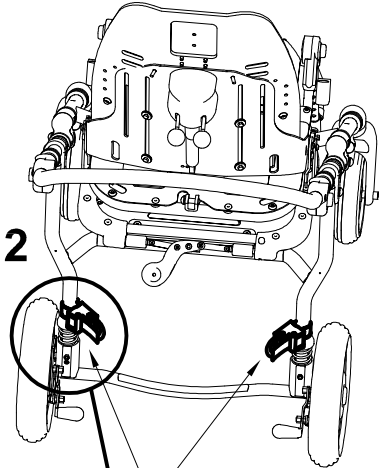
1



where to place  
the straps  
to position the board

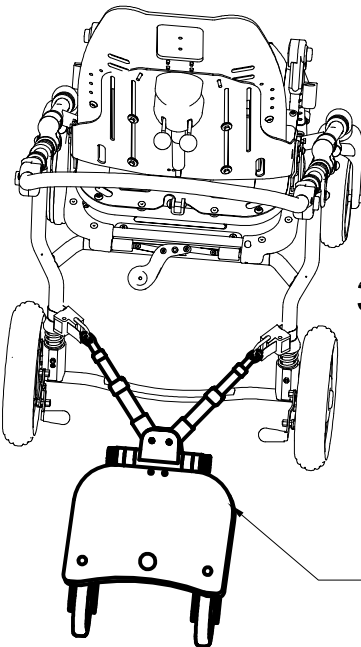
TO MOUNT THE STRAPS  
FOLLOW THE INSTRUCTIONS  
OF THE MANUFACTURER OF  
THE BOARD

2



Mounted straps

3

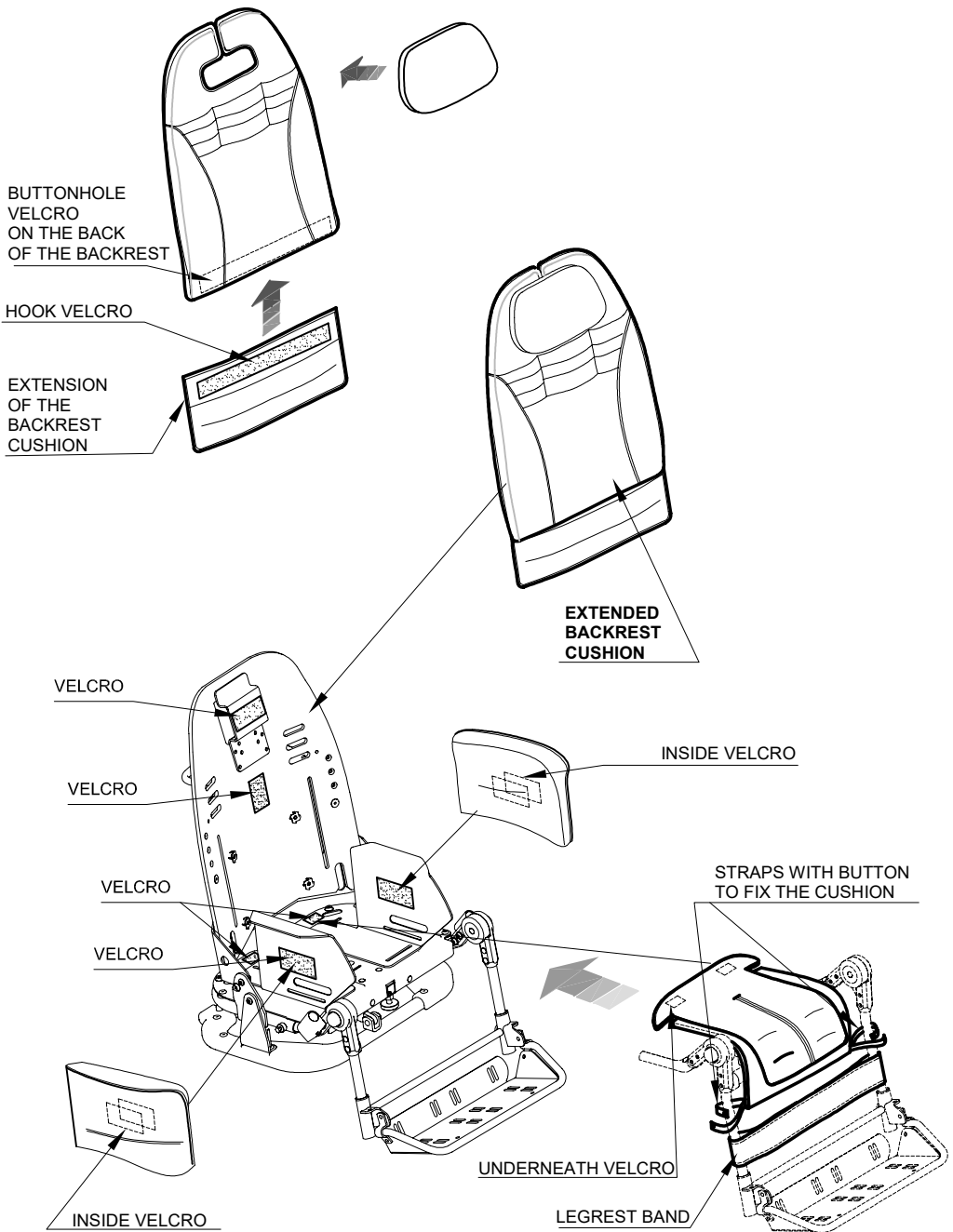


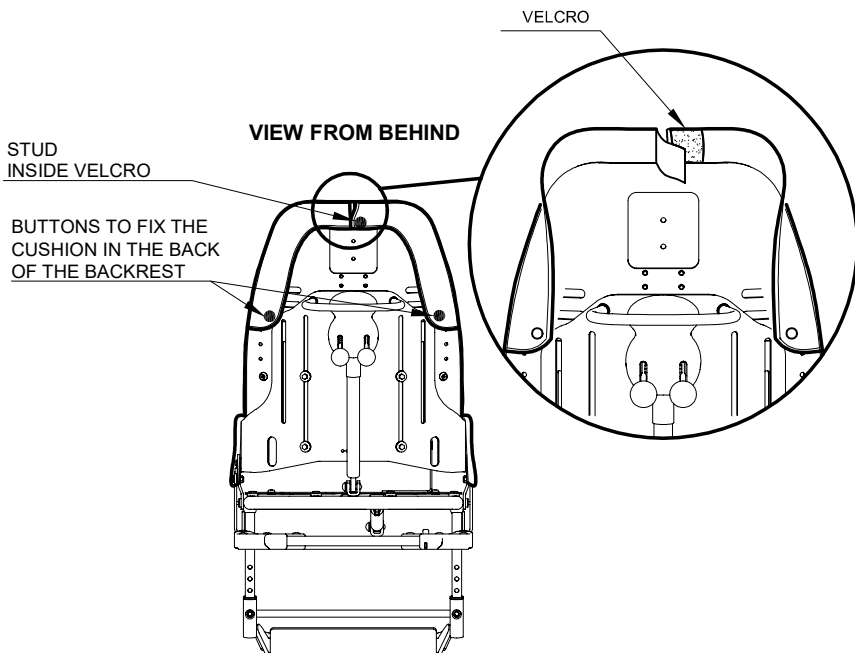
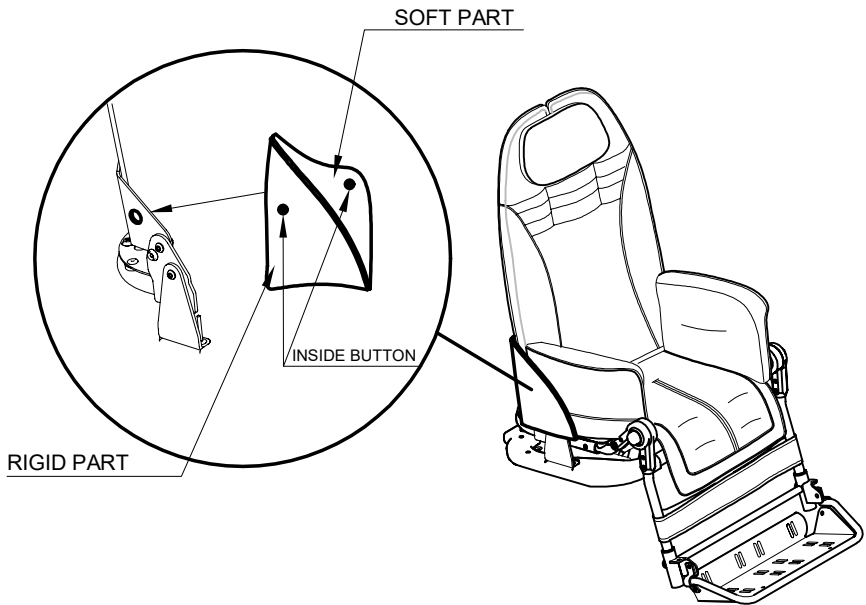
Board attached

TO ATTACH THE STRAPS  
FOLLOW THE INSTRUCTIONS  
OF THE MANUFACTURER OF  
THE BOARD



## ATTACHING THE CUSHION







## MAINTENANCE

The execution of all maintenance operations is necessary to maintain the correct functionality and safety of the device.

### 1. ORDINARY MAINTENANCE (monthly)

1.1 Clean the **WHEELS** from dust and dirt (threads, hair, etc.) that can accumulate on the rotating parts to maintain smoothness and braking effectiveness. Keep the tire pressure constant at 2.5 atm (only for pneumatic alternative wheels, base 869 for outdoor use).

1.2. Make sure that all the **FASTENING PARTS** are in place and correctly tightened, especially those of the wheels and brakes

1.3. The device does not require special lubrication. **DO NOT LUBRICATE THE ADJUSTABLE ELEMENTS OR THE REAR WHEELS** as this could make the brakes ineffective.



Intensify all checks in marine environments, clean more often, anoint the parts exposed to salt corrosion (such as chrome, bolts and screws).



If you verify an **INEFFICIENCY**, even if just partial, of the **BRAKES**, contact the Dealer who sold you the product immediately. He will evaluate their possible reparation/change in order to avoid dangerous situations that could cause accidents.



Do **NOT** perform maintenance or replace parts or components when the user is in the device.

### 2. PREVENTIVE MAINTENANCE (biennial)

The Manufacturer recommends a **COMPLETE REVIEW** of the device, in order to verify it according to the specific use and to maintain the initial performances for all its lifetime.

This activity can be carried out by the Dealer who supplied the product or by an **SERVICE CENTER**, specialized in the maintenance of mechanical aids for people with disabilities and includes:

- 1) The general verification of the product, the integrity of the components and the locking of the mechanical parts, the smoothness of the moving parts
- 2) Performance verifications
- 3) The possible interventions aimed to restore the correct functionality
- 4) Mechanical control (in case of mechanical repairs)
- 5) Sanitization

The person who performed the maintenance is required to issue **A REPORT WITH THE EVIDENCE OF THE INTERVENTIONS (VERIFICATIONS, REPAIRS, CONTROLS, SANITIZATIONS)**





### **3. EXTRAORDINARY MAINTENANCE (or corrective)**

**EXTRAORDINARY MAINTENANCE** are all operations done on the device other than regular or preventive maintenance (mentioned above).

Extraordinary maintenance must be carried out by the Dealer who supplied the product or by another subject indicated by the Manufacturer or the Distributor of the ORMESA products in the country of destination.

The interventions must be performed with **ORIGINAL REPLACEMENTS PARTS** of the manufacturer

Modifications of the product **ARE NOT ALLOWED**, except for those of possible configurations provided on the brochure

For each maintenance work, the following must be performed:

- 1) The general verification of the product, the integrity of the components and the locking of the mechanical parts, the smoothness of the moving parts
- 2) Performance verifications
- 3) Mechanical control (in case of mechanical repairs)
- 4) Sanitization

**THE MANUFACTURER** or the **AUTHORIZED PARTY** must issue **A REPORT WITH EVIDENCE OF THE INTERVENTIONS (CHECKS, REPAIRS, TESTS, SANITATION) CARRIED OUT.**



## CLEANING, DISINFECTION, SANITIZATION

### INFORMATION

**SANIFICATION** is the complex of cleaning and / or disinfection procedures and operations. The **CLEANING** is a physical and mechanical process (i.e., rubbing) with which a large part of potential pathogenic microorganisms (bacteria, fungus, or virus), further to the visible dirt, is removed from the surface.

The combination of mechanical action with other factors such as the use of detergents (chemical action), temperature and duration can efficiently and sufficiently reduce the microbial load of the device.

**DISINFECTION**, after cleaning and cleansing, further reduces the number of microorganisms on a surface and it eliminates pathogenic microorganisms, ie bacteria causing disease and viruses. Products that on the label bear the authorization / registration Number of the Ministry of Health or other competent authority of an EU member State. are "disinfectants". Each disinfection action must always be preceded by a cleaning and cleansing operation, since dirt reduces the activity of the disinfectant. **DRYING** is essential because microbial growth can occur in the residual aqueous film.

**CHEMICAL PRODUCTS WITH VIRUCIDAL-GERMICIDAL-FUNGICIDAL EFFICACY** are available on the market for hospital equipment. These products are effective in cold conditions, able to perform cleaning (elimination of dirt) and disinfection (elimination of pathogenic microorganisms, i.e. bacteria causing disease) in a single operation. and viruses).

Removable **UPHOLSTERIES** are washable respecting the symbols on the label.

Washing is an extraordinary sanitation measure. Replace the **REMOVABLE UPHOLSTERY** and **PADDING** when worn / difficult to sanitize.

### WARNINGS

**Read the TECHNICAL SHEET of the chemical product** to verify that **it is suited** to be used on chrome plated/varnished surfaces and on plastic components in PVC, PA, PP and to test on a small surface to ensure that it does not damage the aid.

For an effective operation, it is important to **RESPECT THE POSOLOGY** and **TIMES OF ACTION** indicated on the product **LABEL**.

**Use the PPE** (gloves, FFP mask, visor, etc...) required on the product **LABEL**








**The operations of sanitization must be performed without the user inside the device. Do not use compressed air**, which can cause aerosol and contamination of possible virus and bacteria in the environment and on his own person.



During the Covid-19 epidemic, the contaminated PPE (gloves, gowns, glasses, masks, caps, etc...) must be **thrown away in the general waste bin**, unless otherwise indications by the belonging municipality



## PROCEDURE

Activities	Cadence	Description
<b>4.1 CLEANING and CLEANSING</b>	<b>daily or weekly</b> based on intensity of use and biological risk (patient with particular sweating, salivation; pandemic or endemic emergency period eg Covid-19)  <b>Before disinfection</b>	Soak a sponge or a clean disposable cloth with neutral detergent previously diluted in hot water (max. temperature 40°). Rub upholstery, frame, additional components and finally wheels. Remove any traces of product by wiping with a clean damp sponge or cloth. Dry with a clean soft cloth. Proceed with any disinfection
<b>4.2 DISINFECTION</b>	<b>Before Re-using the product with a new user</b>	Spray a virucidal / germicidal / fungicidal chemical product for hospital equipment that is effective cold on a clean disposable cloth. Rub the upholstery, the frame and the clean accessories (4.1) finally the wheels, until complete evaporation.
<b>4.3 WASHING</b>	<b>Based on use</b>	Removable upholstery can be washed respecting the information on the labels of washing and given by the following symbols:  <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;">Machine wash with neutral soap .Max. temperature. 40°.</div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;">Do not bleach</div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;">Do not iron</div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;">Do not tumble dry</div> </div> <div style="display: flex; align-items: center; margin-top: 20px;">  <div style="margin-left: 10px;">           Dry horizontally.  <b>PADDED UPHOLSTERIES</b> require <b>EFFECTIVE DRYING IN A VENTILATED or HEATED ENVIRONMENT</b> for at least 6-10 hours         </div> </div>



		<p>For an ANTIVIRAL DISINFECTANT action, a SPECIFIC CHEMICAL PRODUCT can be added to the normal washing cycle; washing at a high temperature (60 ° C) is possible as long as occasionally, as the upholstery may wear out.</p> <p><b>WARNING!</b> <b>The additional components 825 and 819 are NOT WASHABLE.</b> Only perform cleaning and disinfection with a sponge, as indicated in points 4.1 and 4.2</p>
<b>4.4 SANITIZATION WITH PERCARBONATE</b>	<b>Based on use</b>	<p>The percarbonate is a natural product of mineral origin that is commercially available; when dissolved in water, it releases active oxygen already at 30 ° with disinfectant, antibiotic and antibacterial action.</p> <p><b>For a sanitizing action during the cleaning of the frame and the washing of the harness and removable upholsteries, you can add 1 teaspoon of percarbonate &gt; 30% to the detergent:</b></p> <ul style="list-style-type: none"><li>- In the washing machine: add 1 teaspoon of percarbonate in the drum together with the detergent.</li><li>- By hand/ for the frame cleaning: dissolve 1 teaspoon of percarbonate in the bowl together with the detergent, proceed with the washing, and cleansing.</li></ul> <p><b>WARNING!</b> <b><u>When washing / cleaning the fabric it is recommended not to mix sodium percarbonate with acids (for example: Vinegar, Lemon), as it could create chemical reactions that could damage it.</u></b></p>



If the product is to be disposed of, it must be done according to the law in the country of destination

## CUSTOMER SERVICE AND SPARE PARTS

Only contact the retailer where you purchased the product for service and replacement with original spare parts.



## CONDITIONS FOR DURABILITY, REUSE AND REASSIGNMENT TO A NEW USER

Granted that Ormesa products should be selected, evaluated and ordered for the needs of an individual user, reuse is however possible with the respect the following conditions.

Based on the experience of other similar sold models, on technological progress, on the guarantees of the Quality Management System certificated in 1998 according to ISO 13485, there is adequate confidence that **the average lifespan of the BUG is about 5 years, on condition that it is used according to the directions given in the user manual.**

Only when the conditions for storage and transport of chapter "HOW TO STORE AND TRANSPORT THE MEDICAL DEVICE" are followed, the periods in which the product is stored at the dealer should not be considered in that time period

**Factors unrelated to the product such as the development of the user, its diseases, the use and the surrounding environment can make significantly lower the duration of life of the product; on the contrary, if the indications on the use and maintenance are properly observed, the reliability of the product can extend well beyond the lifetime average above.**

**Prior to recycling or reassignment an already used Ormesa product, it is required that:**

- 1. a doctor or therapist verifies that the aid is appropriate and adequate to meet the dimensional, functional and postural needs of the new user, and if all its components are suitable / appropriate for him. You should also consider that the CE marking and the manufacturer's responsibility for safety requirements for the product remain only if the original product still has not changed and only original accessories or spare parts have been applied**
- 2. qualified technical personnel of a company specialized in the maintenance of technical aids for disabled people performs a detailed technical inspection to verify its condition and wear, the absence of any damage and failure of all components / adjustments, the presence of the user's manual, of the label with the date and serial number. A copy of the manual and maintenance may be always requested to the retailer that supplied the product or directly to Ormesa**
- 3. The product has been thoroughly cleaned and disinfected following the directions given in the "MAINTENANCE, CLEANING AND DISINFECTION" Chapter**

We recommend you keep written records on all inspections performed on the product before any assignment to the new user.



**In case of doubt about the safety of the product or damage to parts or components, you are urged to immediately discontinue use and contact the Dealer who supplied you with the product; the Distributor or the Manufacturer are at your disposal for any further doubt or assistance.**



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**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 13485 =**



**BUG WITH 869 BASE PASSES  
CRASH TEST  
ACCORDING TO THE ISO 7176-19 AND ANSI RESNA WC/19**

Authorized Dealer

The technical Data and information given in this handbook are not binding. ORMESA reserves the right to carry out any necessary change without prior notice or replacements

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