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The
marley
Stroller



RMS
REHABILITATION MANUFACTURING SERVICES

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The
marley
Stroller

USER MANUAL
Edition 1 — 2017





Standard Features include:

- Available in two sizes.
- Tilt-in-Space from 15° to 50°.
- Depth adjustable Seat.
- Width adjustable Pelvic Supports.
- Height adjustable Footplate.
- Height adjustable Push Handles.
- Padded Pelvic Belt.
- Washable Upholstery.
- Quick-release Rear Wheels.
- PU puncture-proof Tyres.
- Shopping Basket.

WARRANTY STATEMENT

Every effort is made by RMS Ltd., to ensure that your marley Stroller is manufactured to the highest standards.

The supply of our quality products is backed by the company's ISO 9001 –2015 Quality Management System and CE Marking declaration.

The marley Stroller is supplied with a manufacturer's warranty covering faulty materials or workmanship. The frame is warranted for a period of 24 months with all other components, including accessories, warranted for a period of 12 months. The warranty period commences from the date of dispatch from our factory.

In the unlikely event of a warranty claim being necessary, the failed part must be returned to your supplier.

The failed part may then be repaired or replaced at the manufacturer's discretion or that of their appointed supplier. In the latter case, any displaced parts must be returned to the manufacturer for inspection.

Any component or accessory repaired or replaced during the 12 month warranty period, will continue to be covered for the balance of the warranty period only.

As unusually high rates of wear on this device or its ancillary parts may be caused by the user's clinical condition, the manufacturer may consider this to be beyond its control. Therefore, items such as upholstery, wheels and tyres, may only be considered for repair or replacement under the terms of the product warranty, where a failure is clearly attributed to a manufacturing or material defect.

Any attempt to change the design or modify the construction of the marley Stroller in any way, will invalidate the product warranty and the manufacturer's CE marking declaration.

RMS Ltd. reserves the right to change without notice, the design, methods of manufacture, or any materials used in the construction of the marley Stroller, where it considers such changes will serve to improve the product quality, or become necessary to meet any changes in device legislation.

July 2017

INTRODUCTION

RMS Ltd would like to thank you for choosing a marley Stroller.

The marley Stroller is intended for indoor and outdoor use, with a maximum occupant weight of 35Kg. (5.5 stones).

To ensure the end user has a safe and reliable product, the marley Stroller has been successfully tested to all applicable parts of ISO 7176.

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TECHNICAL DATA

	SIZE 1		SIZE 2	
	MIN	MAX	MIN	MAX
Seat Width (with Pelvic Supports fitted)	200	270	260	320
Seat Depth	230	280	290	350
Seat to Floor Height (upright position)		490		520
Backrest Height (from Seat Base)		510		570
Backrest Height with Back Extender (from Seat Base)		625		720
Thoracic Support Widths (when fitted)	120	210	170	240
Thoracic Support Height (from Seat Base)	150	340	160	430
Footplate Height	130	280	125	330
Footplate Depth		160		180
Push Handle Height (from floor)	910	1250	925	1270
Tilt—in—Space range	15°	50°	15°	50°
Overall Width		580		640
Overall Depth		790		820
Overall Backrest Height from floor with Back Extender		1070		1160
Standard Buggy Weight (Approx)	14.0Kg		16.0 Kg	
Folded dimensions L x W x H		800x590 x500		810x630 x500
Maximum User Weight	35Kg		35Kg	

Specifications are in METRIC unless otherwise stated.

PRODUCT MAINTENANCE

For safety and security, it is recommended that all components of the marley *Stroller* be checked for wear and security at regular intervals.

Inspection frequency should be increased accordingly for heavy users.

Any defects should be reported to the appropriate authority, with any repairs being carried out using genuine original equipment replacement parts, available direct from RMS Sales.

(Also refer to Upholstery Maintenance section).

INSPECTION RECORD

DATE	INSPECTED BY	COMMENTS	SIGNED

SERIAL NUMBER

The marley serial number is located on the underside of the Seat Panel.



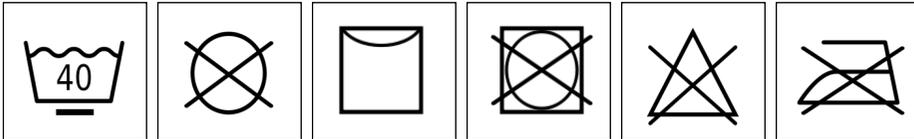
This User Manual relates to the marley *Stroller* detailed on the back page.

Should the reader have any concerns regarding the use of the marley *Stroller*, please contact your supplier in the first instance.

UPHOLSTERY CARE and CLEANING

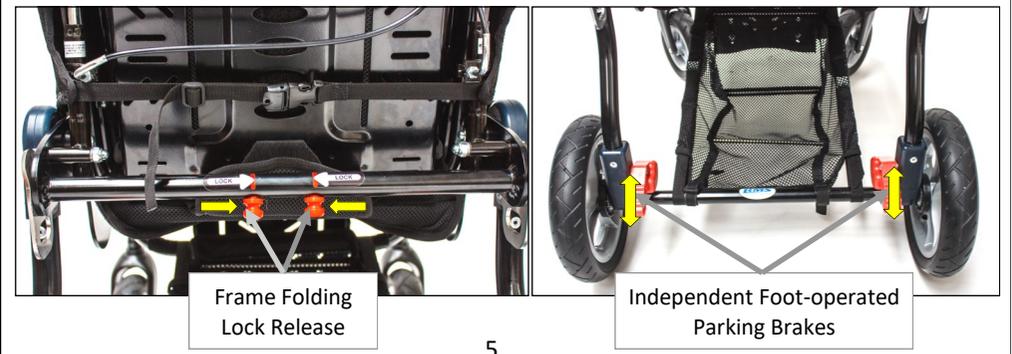
General Fabric Care

- Use of a vacuum cleaner or soft brush to remove dust and solid particles, together with frequent wiping with a damp cloth, will help to maintain the appearance of the fabrics.
- **Spillages** should always be removed as quickly as possible with an absorbent dry cloth.
- **Minor Soiling** can normally be removed with a clean damp cloth.
- **Water Based Stains** can be cleaned using mild liquid detergent with warm water. Use cold water for stains produced by bodily fluids, then rinse thoroughly, followed by drying with a clean absorbent cloth.
- With the mat removed, **Light Steam Cleaning** can be carried out in situ, ensuring all areas are completely dry before reuse.



- NOTES:**
- All soap residue must be thoroughly rinsed out from all fabrics, as it can attract further stains.
 - All stains caused by bodily fluids should be removed immediately.
 - As with all fabrics, stains that are left in situ for over 24 hours, will have set and will become increasingly difficult to remove.

COMPONENT PLAN



SAFETY GUIDELINES

Due to the various activities a *Stroller* user and their carer may have to perform, RMS Ltd recommends that prior to issuing the *marley Stroller*, this manual be studied by all relevant persons, to ensure that all instructions, procedures and warnings are carefully observed and understood.



IMPORTANT NOTES:

1/ The *marley Stroller* is equipped, as standard, with a Shopping Basket, the straps of which are integral to the frame. Therefore the Shopping Basket should only be removed for cleaning purposes.



2/ Care must be taken to avoid finger trapping or possible injury when lifting, folding or unfolding the *marley*. Also ensure children are clear of any moving parts when folding or adjusting the *Stroller*.

- For correct support and user comfort, it is strongly recommended that any adjustments necessary affecting the user's postural positioning, should be carried out by a suitably qualified person at or before the final hand-over.
- The final Hand-over should also include passing this manual over to the carer.
- The maximum occupant capacity of the *marley Stroller* is **35Kg (5.5 stones)**.
- Where the large tilt range of the *marley* is to be used to the extreme, a suitable stability test with the intended user may be necessary, prior to final commissioning.
- After the *marley* seating system has been initially adjusted to suit the intended user, any settings should not be affected subsequently, by the folding of the stroller. However, care should be taken not to impact adjustable components whilst folding or in the folded position.
- To accommodate any changes in user growth or postural positioning, it is recommended that the *marley* and user be checked at regular intervals by a suitably qualified person, to ensure that adjustable components are correctly set to suit the user's current requirements.
- Carers should ensure correct utilisation of any positioning belt or harness, as failure to do so could result in injury to the user. It is recommended that any postural belts or harnesses being used, are the first items to be secured when the user enters the seat and the last items to be released before exiting.
- DO NOT park the *marley* close to sources of excessive heat or naked flames.

HARNESS

No Tools Required:

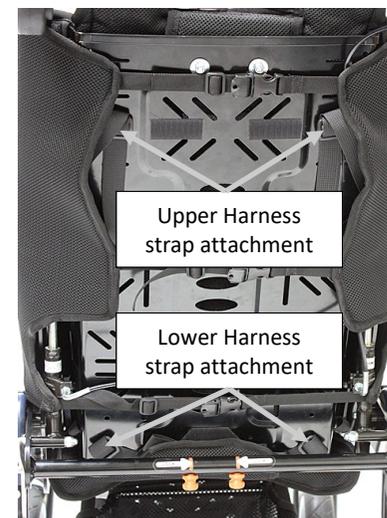
 **IMPORTANT NOTE:** The *marley* Harness is intended for postural support only. UNDER NO CIRCUMSTANCES SHOULD IT BE USED AS THE SOLE METHOD OF RESTRAINT DURING TRANSPORTATION IN A MOTOR VEHICLE.

The backrest upholstery has not only been designed to offer comfort and support but also ease of Harness installation.

Having the intended user seated, will assist with establishing the most suitable mounting positions for the upper Harness straps.

Pre-formed slots have been created during the upholstery production, to enable the upper Harness straps to be easily fed through to the rear of the backrest panel.

- Remove and save the tri-glides placed on the upper and lower Harness straps during production, before commencing this installation.
- Pass both ends of each upper Harness strap through the appropriate pre-formed slots in the Backrest upholstery, then through the corresponding slots in the Backrest Panel.
- The lower straps can be routed directly between the Seat Cushion and Backrest upholstery, continuing through the lower mounting slots in the Backrest Panel.
- Re-install tri-glides onto all the straps and secure as shown below to prevent the straps from pulling back through.
- Correct positioning of the harness panel can be achieved by a combination of upper and lower strap adjustments both at the rear tri-glides and upper harness cam-lock buckles.
- Detach the Harness Centre Panel from its straps via the buckles, to allow the user to enter or exit the *marley*.



LATERAL SUPPORTS

Lateral Supports supplied with screws and fixings.

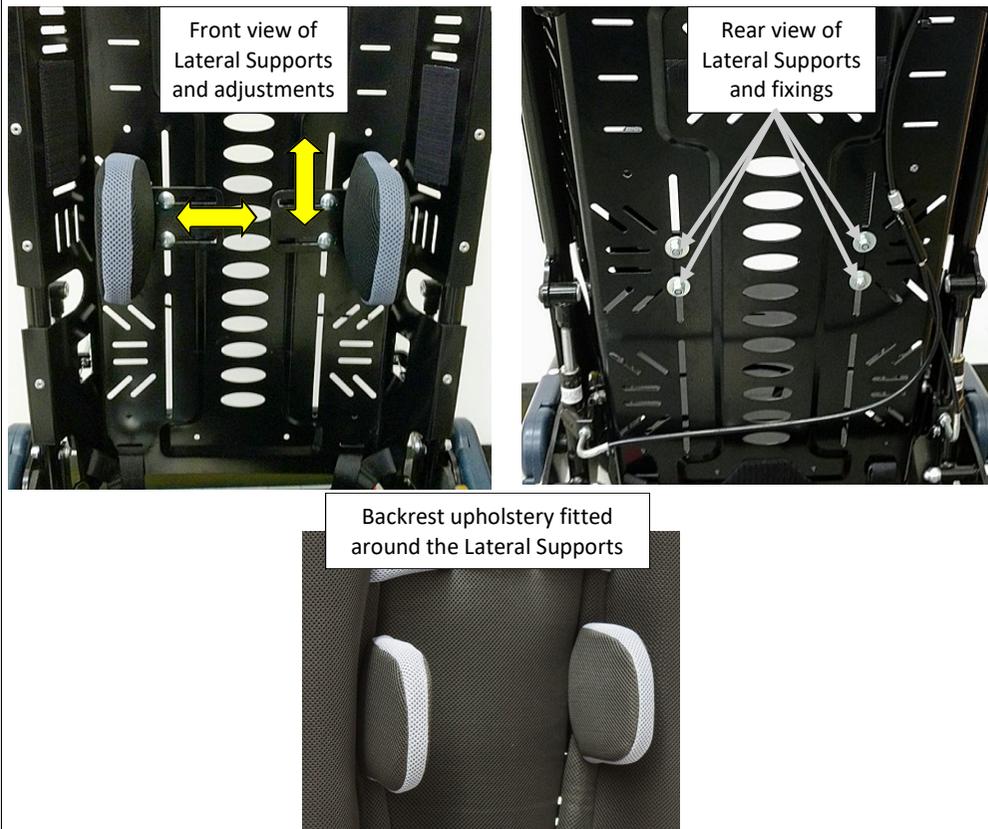
 **Tools Required:** 10mm Spanner.



NOTE:

The Lateral Supports are handed by virtue of a small recess in the rear of each side support pad panel. This recess is to assist with retaining the pad and should always be located at the top.

- Partially separate the backrest upholstery from the backrest panel, sufficient to gain access to the relevant mounting slots for the Lateral Supports.
- Whilst holding each Lateral Support in position against the backrest panel, with the recess at the top, insert two M6 Carriage Bolts through the Support bracket from the front, then through the backrest panel and secure at the rear using the M6 nuts and washers supplied.
- Refit and secure the backrest upholstery around the Lateral Supports as below.
- Position the Lateral Supports to suit the user's requirements and finally secure sufficiently to prevent any movement.

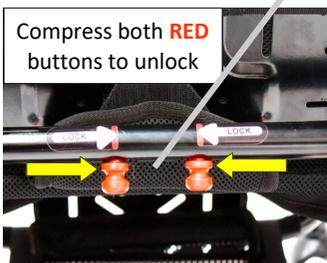


- Worn or damaged upholstery can lead to hygiene contamination, cause injury to the user and, in some cases, fail to support the user correctly. Regular inspections of all upholstery should be made and any defects should be rectified as soon as possible.
- Ancillary devices, such as the headrest, positioning belt, harness or pommel should always be checked for security and positioning on a daily basis.
- The parking brakes should always be applied whenever parking the mōrley, before attempting to transfer the occupant, or making any adjustments.
- Never leave the mōrley parked unattended or on a slope, with the occupant seated.
- Objects should never be suspended from the push handle, as this could seriously affect the overall stability of the mōrley.
- Regular inspections of the buggy should be made and any defects reported to the relevant authority for rectification as soon as possible.

NOTE: Any reference to Left or Right in this manual, will refer to the Left or Right side when sitting forward facing in the seat unit.

FOLDING the marley

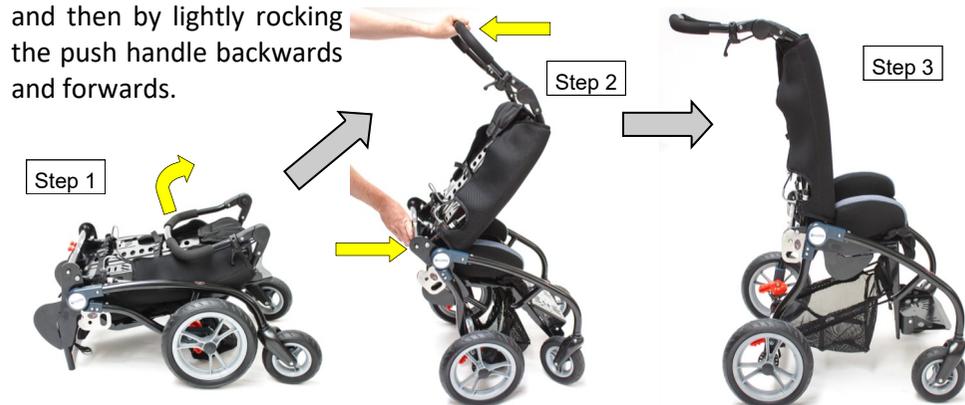
Before folding the marley, apply both Parking Brakes and fold the footrest upwards against its support panel. While holding the push handle, release the seat locking mechanism (step 2), then push the push handle forwards until the marley folds down flat (step 3).



UNFOLDING the marley

After raising the push handle to the vertical position, grasp the marley as shown below (step 2). Whilst pulling the push handle towards you, push the centre area away from you until the marley opens out as step 3.

NOTE: With the marley fully unfolded, the seat locking mechanism is designed to engage automatically. This can be confirmed by checking that both **RED** lock buttons are in line with the **RED** LOCK lines as shown and then by lightly rocking the push handle backwards and forwards.



BACK EXTENDER

Back Extender is supplied with fixings.



Tools Required: 10mm Spanner.

- Unfasten the top of the backrest upholstery and temporarily fold forwards. This will expose two mounting holes at the top of the backrest panel.
- From the front of the backrest panel, insert both M6 Carriage Bolts supplied and loosely install the M6 nuts and washers at the rear of the backrest panel.
- Slide the Back Extender downwards over the front face of the backrest panel, ensuring both slots engage under the heads the Carriage Bolts.
- With the back extender correctly engaged at the required height, finally tighten both nuts sufficient to prevent any movement.
- Re-attach the backrest upholstery around the Back Extender.



FITTING OPTIONAL ACCESSORIES

ABDUCTOR (Pommel)

Abductor supplied with fixings.



Tools Required: 10mm Spanner and 4mm Hexagon Key

- Locate the two pre-drilled mounting holes at the front of the seat panel.
- Using the M6 Carriage Bolts, nuts and washers supplied, attach the mount to the buggy seat and tighten sufficient to prevent any movement.
- To insert the abductor, depress the pop-pin and push downwards until the pin locks at the bottom of the mount. To remove the abductor, depress the pop-pin and lift clear.



BRAKE OPERATION

The marley Parking Brakes are easily foot operated as below.



Always apply both Brakes before making any adjustments, even on level ground. Ensure both Brake Levers are fully raised to the "OFF" position before moving off.

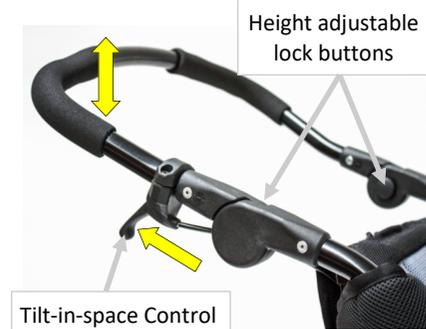
QUICK RELEASE REAR WHEELS

To reduce it's over-all weight and/or for easier storage, the marley is equipped with Quick-release rear wheels. After removing the occupant, set the brakes to the OFF position before removing each wheel by depressing the spring retaining clip in the centre of the wheel as indicated.



To refit each wheel, depress the spring retaining clip and slide the wheel **Fully and Firmly** onto it's axle before releasing the retaining clip. **Carefully check to ensure both wheels are locked in place before moving off.**

To refit each wheel, depress the spring retaining clip and slide the wheel **Fully and Firmly** onto it's axle before releasing the retaining clip. **Carefully check to ensure both wheels are locked in place before moving off.**



TILT-IN-SPACE OPERATION

The Tilt Control lever is mounted on the Push Handle, enabling convenient and easy operation of the seat tilt from 15° to 50°.

To re-position the seat, operate the lever and either push down or raise the push handle until the required amount of tilt is achieved, then release the lever to lock the seat in position.

After setting the tilt angle, it may be necessary to re-adjust the Push Handle height. This can be done easily by depressing both black locking buttons shown above simultaneously and raise or lower to the required position.



TRANSPORTATION

The marley *Stroller* has been successfully tested to ISO 7176-19 (Wheeled mobility devices for use in Motor Vehicles) Using a P10—32Kg Test Dummy.

The restraint systems used for the Occupant and *Stroller* during the above testing are available from:- Unwin Safety Systems.

Tel: 01935 827740 Fax: 01935 827760

Email: sales@unwin-safety.co.uk Web: www.unwin-safety.com

Part numbers:- Stroller Tie-downs: Front—OF03 Rear—OR02

Occupant restraints: OCR02

NOTE: Installation and use of all transportation restraint systems should always be strictly as per the manufacturers recommendations.



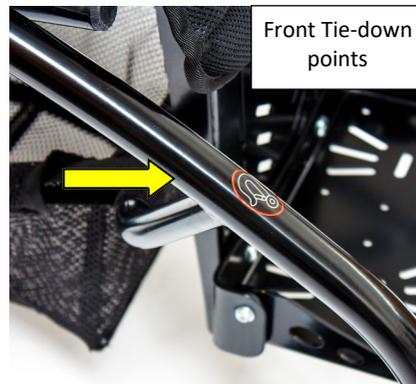
IMPORTANT NOTES:

- THE marley *Stroller* and OCCUPANT MUST ONLY BE TRANSPORTED IN THE FORWARD FACING, FULLY UPRIGHT POSITION.
- THE STROLLER RESTRAINTS MUST ONLY BE ATTACHED TO THE TIE-DOWN POINTS INDICATED BELOW.
- ENSURE BOTH STROLLER BRAKES ARE APPLIED BEFORE COMMENCING YOUR JOURNEY.
- DO NOT TRANSPORT THE marley *Stroller* WITH THE SHOPPING BASKET REMOVED.

Rear Tie-down points



Front Tie-down points

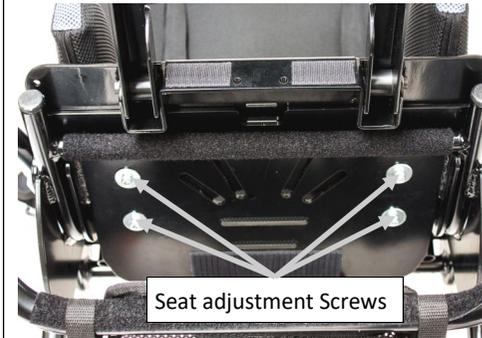


! When a child of mass less than 22 kg is to be transported in a road vehicle, it is recommended that they be transferred from their wheelchair to a UNECE Regulation 44 compliant child restraint system.

SEAT DEPTH and PELVIC SUPPORT ADJUSTMENT

Tools Required: 10mm Spanner.

- Detach and remove the seat cushion.
- Raise the footrest and seat panel as an assembly to gain access to the underside of the seat.
- Slacken all four screws sufficient to be able to reposition the upper seat panel.
- Check the pelvic support positions and reposition as required before retightening all four securing screws sufficient to prevent any movement.
- Replace the seat cushion.



FOOTREST HEIGHT ADJUSTMENT

Tools Required: 10mm Spanner



- Slacken both footrest height adjustment screw lock nuts, located at the rear of the footrest support panel, then slacken both screws.
- Raise or lower the footrest to the required position, then retighten both screws and lock nuts sufficient to prevent any movement.