<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome</td>
<td>03</td>
</tr>
<tr>
<td>General Information and Before Starting</td>
<td>04</td>
</tr>
<tr>
<td>Product Induction and Issue Directive</td>
<td>05</td>
</tr>
<tr>
<td>Warnings and Safety Notes</td>
<td>06-08</td>
</tr>
<tr>
<td>Assembling the Verve Buggy</td>
<td>09</td>
</tr>
<tr>
<td>Using the Verve buggy</td>
<td>10-11</td>
</tr>
<tr>
<td>Transporting Verve buggy in vehicle</td>
<td>12-15</td>
</tr>
<tr>
<td>Warnings</td>
<td>12</td>
</tr>
<tr>
<td>Securing Verve for Transport</td>
<td>13</td>
</tr>
<tr>
<td>Securement latch brackets</td>
<td>14</td>
</tr>
<tr>
<td>Securing Discovery Seat for Transport</td>
<td>15</td>
</tr>
<tr>
<td>Assembling and Using the Moon Buggy</td>
<td>16-17</td>
</tr>
<tr>
<td>Installing/Removing Discovery Seat</td>
<td>18</td>
</tr>
<tr>
<td>Storage</td>
<td>19</td>
</tr>
<tr>
<td>Assembling Discovery Seat</td>
<td>20</td>
</tr>
<tr>
<td>Backrest/Hip Supports</td>
<td>21</td>
</tr>
<tr>
<td>Lateral/Footplate Padding/Seat Padding</td>
<td>22</td>
</tr>
<tr>
<td>Backrest Padding/Headrest</td>
<td>23</td>
</tr>
<tr>
<td>Discovery Seat Set-Up</td>
<td>24</td>
</tr>
<tr>
<td>Seat Depth</td>
<td>24</td>
</tr>
<tr>
<td>Seat Width</td>
<td>25</td>
</tr>
<tr>
<td>Backrest Angle and Locking</td>
<td>26</td>
</tr>
<tr>
<td>Backrest Height/Footplate Height, Angle</td>
<td>27</td>
</tr>
<tr>
<td>Thoracic Lateral</td>
<td>28</td>
</tr>
<tr>
<td>Tilt-in-Space</td>
<td>29</td>
</tr>
<tr>
<td>Accessories</td>
<td>30</td>
</tr>
<tr>
<td>5 point harness/2 &amp; 4 point pelvic straps</td>
<td>30</td>
</tr>
<tr>
<td>5 point harness</td>
<td>31</td>
</tr>
<tr>
<td>5 point harness/Tee pad/Centrepoint</td>
<td>32</td>
</tr>
<tr>
<td>Jacket/Sternal Harness</td>
<td>33</td>
</tr>
<tr>
<td>Abduction bracket and support</td>
<td>34</td>
</tr>
<tr>
<td>4 point pelvic strap</td>
<td>35</td>
</tr>
<tr>
<td>Hip guides</td>
<td>36</td>
</tr>
<tr>
<td>Adduction supports</td>
<td>37</td>
</tr>
<tr>
<td>Headrest sides</td>
<td>38</td>
</tr>
<tr>
<td>Thigh/Trochanter Wedges</td>
<td>39</td>
</tr>
<tr>
<td>Shoulder protraction Wedges / Sacral pad</td>
<td>39</td>
</tr>
<tr>
<td>Modular Cushion</td>
<td>40</td>
</tr>
<tr>
<td>Tray</td>
<td>41-43</td>
</tr>
<tr>
<td>Tray grab bar</td>
<td>44</td>
</tr>
<tr>
<td>Foot straps and Footplate Accessories</td>
<td>45</td>
</tr>
<tr>
<td>Foot straps and Footplate Accessories</td>
<td>45</td>
</tr>
<tr>
<td>Sun hood</td>
<td>46</td>
</tr>
<tr>
<td>Moon Rock</td>
<td>47-48</td>
</tr>
<tr>
<td>Launcher Base</td>
<td>49-50</td>
</tr>
<tr>
<td>Lunar Base</td>
<td>51-52</td>
</tr>
<tr>
<td>Rain Cover &amp; Sibling seat</td>
<td>53</td>
</tr>
<tr>
<td>Cleaning and Care information</td>
<td>54</td>
</tr>
<tr>
<td>Maintenance: Daily checks</td>
<td>55</td>
</tr>
<tr>
<td>Re-issuing the Shuttle Discovery</td>
<td>55</td>
</tr>
<tr>
<td>Six-monthly Checks</td>
<td>56-57</td>
</tr>
<tr>
<td>Product Log Form</td>
<td>58-60</td>
</tr>
<tr>
<td>Servicing and Technical Data</td>
<td>61</td>
</tr>
</tbody>
</table>
Thank you for purchasing the Shuttle Discovery. The Shuttle Discovery is a versatile, growth-adjustable seat system complete with unique body supports that can be used in a variety of base options. The Shuttle Discovery has been designed to complement the development of a young child. This manual shows how you can safely make use of all the functions your Shuttle Discovery has to offer. The correct use and maintenance of your Shuttle Discovery will ensure that you will enjoy a long trouble free use.

"An early intervention seating system…. to give kids the best start in life!"

The safety advice and directions in this manual cannot cover all eventualities and unforeseen situations that may occur. It must be understood that common sense, general caution and care are factors that cannot be built into this product. These are factors which the person caring for the user must assume responsibility for.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USE AND KEEP THEM FOR FUTURE REFERENCE. FAILURE TO FOLLOW INSTRUCTIONS MAY IMPAIR USE AND IMPEDE FUNCTION AND MAY POSE A RISK TO THE USER

This product is classified as a Class 1 medical device which means it has to be prescribed, set up and re-issued by the Therapist or technically competent person who has been trained in the use of this product.
General Information

Intended Use

The Shuttle Discovery is a unique early intervention seating system designed to provide a moderate to high level of postural management, whilst maximising the child's ability and mobility. The Shuttle Discovery is designed for children with special needs aged 6 months to 5 years. The Shuttle Discovery seat can be used with outdoor and indoor bases. The outdoor Verve & Moon Buggy provide the freedom to explore the world, whilst the indoor bases - Moon Rock, Lunar base, and the Launcher base allow the Shuttle Discovery seat to be used at school or at home.

Client group recommendations:
- Cerebral Palsy
- Low Tone
- Spastic Diplegia
- Autism
- Children with Cognitive Difficulties

Before Starting

- Always read the instructions before use. Failure to follow instructions may impair use, impede function and more importantly, may affect the user's safety.
- This user manual is for the Shuttle Discovery system, item codes
  - Discovery Seat: 2006-0010-000
  - Verve Buggy: 2006-0040-000
  - Moon Buggy: 2006-0011-000
  - Moon Rock: 2006-0014-000
  - Launcher: 2006-1200-000
  - Lunar: 2006-0013-000
- Each product has a serial number which can be found on the product. Please quote this number in any correspondence.
- The materials and foam within the product meet all the required current regulations.
- Do not add any other accessories other than those supplied by Medifab to this product.
- Shuttle Discovery is suitable for a child from 6 months to 5 years (max. user weight 25kg).
- Service or repair must only be carried out by a Medifab authorised service person.
- Any service or repair carried out by any other person will invalidate the guarantee and Medifab cannot accept any liability for injury or damage thus caused.
- The tools required to adjust the Shuttle Discovery are supplied by Medifab. These adjustments are to be made by the technically competent persons only.
- Ensure Shuttle Discovery is fully assembled before use.
- It is essential Shuttle Discovery is cleaned regularly so as not to impede function and to remain hygienic. See Cleaning and Care section of this manual.

Declaration of Conformity

MEDIFAB as manufacturer with sole responsibility declares that the Shuttle Discovery Seating System conforms to the requirements of the 93/42/EEC Guidelines and EN12182 Technical aids for disabled persons general requirements and test methods.

The Shuttle Discovery has been classified as a class 1 product according to the classification criteria outlined in annex IX of 93/42/EEC Guidelines.

EU REP : BEO MedConsulting Berlin GmbH
Helmholtzstr. 2
D-10587 Berlin

Warranty

Medifab warrants that equipment sold by Medifab will be free of all defects in material and workmanship for a period of 2 years from the date of purchase. We will not be held responsible for any damage, injury due to misuse or modification of our products.

If any part of the equipment is found to be defective within the terms and period of this warranty Medifab will, at its own discretion, repair or replace it.
This product is classified as a Class 1 medical device which means it has to be prescribed, set up and reissued by the Therapist or technically competent person who has been trained in the use of this product.

The prescriber should read the instruction manual and be fully aware of all available adjustments.

The prescriber has the responsibility to ensure the product is correctly set up to meet the client’s needs, including the induction to the parents, teachers & carer(s).

Parents, teachers & carer(s) should be made aware of the following key sections of this manual:

• Before Starting: Page 04
• Warnings: Pages 06-08
• Using the Verve Buggy: Pages 10-11
• Transporting Verve Buggy in a Vehicle: Pages 12-15
• Using the Moon Buggy: Pages 16-17
• Installing & Removing the Discovery Seat: Page 18
• Storing your Discovery: Page 19
• Using the Shuttle Discovery System:
• Adjusting the Pelvic straps / Harness Pages 31-34
• Backrest angle and locking: Page 26
• Footplate Angle: Page 27
• Tilt-in-space: Page 29
• Fitting the Abduction support: Page 35
• Using the Tray: Pages 42-44
• Adjusting foot straps: Page 46
• Using the Moon Rock base: Page 47
• Using the Launcher Base: Page 50-51
• Using the Lunar Base: Page 52-53
• Cleaning and Care Information: Page 54
• Maintenance Daily checks: Page 56

It is imperative that the product log form is completed at the rear of this manual on a regular basis. This form must be used to record setups, changes to the product and scheduled maintenance checks undertaken.

It is imperative that parents, teachers & carers understand the CORRECT USE of the product and also what is INAPPROPRIATE USE.

Parents, teachers and carers must understand and appreciate all SAFETY aspects of this product.

CLEANING, CARE AND MAINTENANCE, procedures must be implemented to ensure user’s well being.

TOOLS issued for adjustment are for the technically competent person ONLY.

Parents, teachers and carers must be aware, this product has been prescribed by the Therapist or technically competent person for a specific child and should ONLY be used as directed by the prescriber.

PLEASE READ THIS INSTRUCTION BOOKLET FULLY PRIOR TO USE AND KEEP FOR FUTURE REFERENCE

PLEASE PAY PARTICULAR ATTENTION TO WARNINGS LISTED ON THE NEXT FOUR PAGES. FAILURE TO DO SO MAY CAUSE SEVERE INJURY OR DEATH TO THE USER OR THE CARER.
Is Discovery correct for your user?

- This product is classified as a Class 1 medical device which means it has to be prescribed, set up and re-issued by the Therapist or technically competent person who has been trained in the use of this product.
- Expert medical advice regarding the suitability of this product must be sought before use.

Weight Limit

Overloading the Discovery seating system may damage the product or it may cause the Discovery seat to tip over causing severe injury to the user and/or the carer.

- Maximum loading for the Verve Buggy is 55Kg / Moon Buggy is 40Kg and maximum loading for the storage basket is 2Kg
- Maximum loading for the Discovery seat is 25Kg.

Understanding your Discovery

- The Verve / Moon Buggy must only be used on a level / even surface, such as concrete, asphalt, indoor floors and carpet.
- The Verve / Moon buggy is not suitable for jogging / running. Sudden stopping can tip over the buggy causing severe injury to the user and/or others.
- The carer / attendant should be familiar with the operation of the Verve / Moon Buggy - if in doubt, stop and read this manual.
- Your Shuttle Discovery distributor will be able to provide advice regarding the safe use of this product.

Adjusting your Discovery

- Your Discovery should only be adjusted by the prescribing therapist or a technically competent person who has been trained in the use of this product.
- Only use parts / accessories approved by Medifab.
- Please request a regular product review from your therapist to ensure the Discovery meets the changing needs of the user.
- After making any adjustments, ensure that all fasteners / knobs loosened are firmly tightened again.
- Make sure children are clear of moving parts when folding or erecting the buggy, or while making adjustments.

Before using Discovery - Safety Checks

- Check the buggy is fully unfolded / locked and the seat is securely mounted and the wheels are locked.
- Check the rear and front wheels are fully engaged and secure, if the wheels are not secure the buggy can tip over causing severe injury to the user.
- Check the buggy is moving smoothly and functioning correctly. Any unusual noise or vibration or movement in the product could be caused by loose fasteners or damage to the product. Contact your Shuttle Discovery distributor and your user's therapist who will assist you to correct any problems.
- Do not use the product until the problem is rectified.

Using your Discovery

- Seek advice from your prescribing therapist for the best method for safe and easy transfer into and out of the Discovery seat.
- Practice transfers until you are confident that you can do it safely.
- Always engage parking brakes before transferring the user in / out of the product.
- Secure the user with all the straps provided as soon as the transfer is complete.
- Ensure the straps are adjusted for the child and for changes of clothing. Ensure the straps are fitted under the pelvic support and fitted snuggly to ensure correct posture and safety.
- Never leave the child unattended in the Shuttle Discovery, even for the shortest time.
- Before setting off, ensure the child is comfortable and that clothes, blankets, etc. are tucked in so they do not catch on the wheels.
- A responsible adult attendant of adequate strength must propel and supervise the buggy during use.
- Do not allow the user to climb unassisted into the buggy.
Out and About Obstacles

- Take note of how the user wishes to move or be moved. Cooperation between attendant and user will reduce the risk of injury occurring during lifting and manoeuvring operations.
- Discovery should not be used on slopes steeper than 10%.
- When using the buggy on a slope ensure the Discovery seat is in an upright position and the backrest is not reclined.
- Do not apply the brakes to slow down the buggy. The sudden stop could cause the buggy to tip and injure the user.
- Hold on to your buggy when close to moving road vehicles, trains or strong winds. Even with the parking brake on, the draught from the moving vehicle or wind may move the buggy. Use the SAFETY WRIST STRAP on the buggy in all these situations and while going down slopes.
- Exercise caution when mounting and disembarking curbs.

To descend a curb turn the buggy around so that you are standing behind the buggy. While looking over your shoulder, lower the rear wheels onto the lower ground. Carefully pull the buggy back and gently lower the front wheels onto the ground.

To climb a curb, approach the curb and gently tilt the buggy back onto the rear wheel until the front wheels clear the curb. Gently lower the front wheels down onto the higher ground and carefully lift the rear wheels onto the higher ground.

- Do not attempt to take the buggy up or down a flight of steps unless you and your helper are sure you can take the weight of the buggy. When climbing the stairs always have the buggy/user facing backwards. When descending the stairs always have the buggy/user facing forwards. Always lift the buggy by the handle and lower frame. Do not lift by holding onto any part of the seat, footrest, tray or the wheels. The tray should be removed and check that the user is secure and all straps are attached before attempting to lift the buggy. Do not lift the buggy by the bumper bar. It may disengage.
- Lifting the buggy with the user is at least a two person operation and should only be done as a last resort.

- Remove the user when ascending or descending escalators. Never use the buggy on an escalator.
- Always apply the parking brake when the buggy is stationary.
- Bags and other items must not be hung from the handles.
- Do not allow children to push the buggy.

Centre of Gravity

The Discovery range has been designed to provide maximum stability, however the factors listed below may have an impact on the centre of gravity. Failure to observe these points may cause the Discovery to tip over and injure the user.

- Do not exceed the maximum loading. Always ensure the user's stature falls within the product measurements.
- Take extra care when using the Discovery on a slope or when negotiating obstacles. Always keep the seat and backrest upright when using the buggy on a slope.
- Be observant and mindful of your surroundings, as sudden impact with obstacles may tip the buggy over.
- Never park the buggy on a slope.
- Do not hang heavy bags on the push handle. Use the basket under the seat.
- Do not let children play with or hang / stand on the buggy or other indoor bases.
- Do not let the user rise up from the seat or reach / lean left or right to reach for an object.
- Do not stand on the footplate or allow the user to transfer unaided to the buggy.
- Never use the park brakes to slow the buggy down.

Discovery Components and Accessories.

- Ensure the child always wears a correctly fitted and adjusted pelvic strap and shoulder harness.
- The attendant must know how to fit, adjust and release the buckles and clips on pelvic belts, harness and jackets.
- Do not stand on the footrest.
• Always ensure that the back of the Shuttle Discovery chair is held to provide additional security and control when adjusting the backrest angle or when using the tilt-in-space feature.

• Ensure castors are always locked when the Shuttle Discovery is stationary.

• When using the pelvic strap or jacket, please ensure the position of the harness is anatomically correct. Ensure the pad is not impeding on the throat.

• Small parts if loose will be a potential hazard for small children.

⚠️ Maintenance

• Shuttle Discovery requires regular maintenance by the carer. Daily basic check-ups should be performed before each use. A thorough six monthly check of the Shuttle Discovery should be performed by authorised personnel. Only original spare parts should be used for repair.

⚠️ Transportation / motor vehicle safety

• Only the Verve Buggy has been tested in accordance with ISO 7176/19.

• Do not use the sibling seat for transporting a second child.

• Never use the Discovery seat as a car seat.

• We recommend that the user should transfer to the vehicle seat when possible and use the OEM installed vehicle restraints.

• When using the Discovery seat and the Verve buggy for transit also remove the plastic tray.

• Postural management pelvic belts and chest harnesses are NOT motor vehicle occupant restraints. Please refer to Motor vehicle transportation page for further details and guidance.

• Always secure the seat tilt in space and the backrest recline using the RED safety plungers provided.

• Unoccupied Discovery seat and the buggy must be secured when being transported in the vehicle.

• The Moon buggy must NOT be used as a seat for a child whilst travelling in a motor vehicle. The Moon Buggy has NOT been tested in accordance with ISO 7176/19.

• Do NOT use the Discovery system if it has been involved in a motor vehicle accident.

⚠️ Other Warnings

• The carer should take precautions against fire risks. In all buildings, check the location of fire exits and ensure procedures are understood. Do not use the Shuttle Discovery near a fire or exposed flame.

• Keep the Shuttle Discovery away from sources of heat such as naked flames, cigarettes, open fires, heaters, radiators, etc.

• Packaging material must be kept out of reach of children.

• Clean and dry your Discovery if wet.

• Do not over inflate your Verve buggy tyres. Manually inflate to 20-22 psi (1.5 Bars).

• Do not over inflate your Moon buggy tyres. Manually inflate to 35 psi (2.5 Bars).

• Take care when folding or unfolding the buggy to prevent your fingers being entrapped.

• Only use the buggy at a normal / steady walking speed. Do not let go of the buggy while pushing it. Use the safety hand strap provided.

• Parking brakes must be applied / engaged before the user is transferred in and out of the Discovery seat.

⚠️ WARNING!

Always make sure that the red seat release knobs are properly engaged at all times when the Shuttle Discovery seat is being used in any bases.

⚠️ WARNING!

The sun is very strong. DO NOT LEAVE YOUR CHILD EXPOSED TO THE SUN. The canopy or hood on this product will not give your child protection from the harmful rays of the sun.

⚠️ WARNING!

Never leave the child unattended in the Discovery, even for the shortest time.
Unpacking your Verve Buggy
Remove all the packaging and check you have received all the parts you ordered.

Ensure children do not play with packaging material, especially the plastic bags.

Unfolding the frame
Lift the frame lock levers (A) located on the either side of the frame.
Press the push handle angle adjuster buttons (B) to straighten the push handle up.
Release the storage latch (C) to free the lower frame.

Locking the Frame
Extend the frame fully, the secondary safety lock lever (D) will self lock once the frame in an open position.
Push down the release levers (A) down to completely lock the frame.

Installing the rear wheels
Slide the plastic mud guard (E) onto the frame.
Slide the quick release pin (F) into the rear wheel and secure it to the frame.
Check the wheels are correctly fitted by trying to pull them out again.
The rear wheels can be removed for more compact storage. Do this by pressing the centre of the quick release pin (F) and remove the wheels.

Installing the front wheels
Press the locking pin (G) in and slide the front wheels into the front frame.

NOTE: Pneumatic rear tyres can be inflated with a manual pump to maximum inflation pressure of (20-22 p.s.i) 1.5 bar.
Swivel Lock
To swivel lock the front wheels, lift up grey lever (A).
To release the swivel lock, push down grey lever (A).

Parking Brake
To disengage the parking brake press the brake button (A) on the push handle.
To release the brakes: press the brake button (A)
To put brakes on: press the red button in handle bar (B)

⚠️ Never use the parking brake to slow the Verve buggy. A sudden stop could tip the buggy over causing serious injury to the user and the carer.

⚠️ Always use the parking brakes when transferring the user into the buggy.
Folding the Frame

Ensure user has been transferred out of the seat.
Ensure the sibling seat has been removed.
Lift up the two frame lock levers (A) on either side of the frame.

Press the safety lock lever (B) on the left hand side of the frame. Whilst keeping the safety lock lever (B) pressed gently push down onto the push handle.

Continue pushing the push handle down until the storage latch (C) is engaged.
Push frame lock lever down to lock the folded frame.

⚠️ Take care when folding or unfolding the frame to prevent your fingers being entrapped.

⚠️ The secondary sibling seat must be removed before attempting to fold the frame. See page 12
WARNING

The Verve buggy is designed to be forward-facing when used as a seat in a motor vehicle and conforms to the requirements of ISO 7176-19.

We recommend that the user should be transferred to the vehicle seat and use the vehicle-manufacturer-installed restraint systems whenever it is feasible, and the unoccupied buggy should be stored in the boot or secured in the vehicle during travel.

The Verve buggy has been dynamically tested in a forward-facing orientation with the ATD restrained by both pelvic and shoulder belts (e.g. a shoulder belt as part of a three-point belt restraint).

Both pelvic and shoulder-belt restraints should be used to reduce the possibility of head and chest impacts with vehicle components.

In order to reduce the potential of injury to user, tray should be removed and secured separately in the vehicle.

Postural supports should not be relied on for occupant restraint in a moving vehicle.

The Verve Buggy should NOT be used following involvement in any type of vehicle collision.

NO alterations or substitutions should not be made to the Verve buggy securement points or to the frame.

Care should be taken when applying the occupant restraint to position the seatbelt buckle so that the release button will not be in contact with the Discovery seat components during a crash.

The maximum seat loading of 25 kg must not be exceeded.
Securing Verve Buggy for Transport

Take note of the location of the front (A) and rear (B) securement points on the Verve buggy. The points are also clearly marked by a transit point label.

Only use 4-point strap-type tie down systems approved according to ISO 10542-2.

Attach the 4 point wheelchair tie down straps in accordance to strap manufacturer’s instructions.

Only use wheelchair tie down and occupant-restraint systems approved according to ISO 10542-1.

The angle of the pelvic belt should be within the preferred zone of 45 to 75 degrees to the horizontal, or within the optional zone of 30 to 45 degrees to the horizontal.

The pelvic belt should be worn low across the front of the pelvis. Position upper torso belts over the shoulders. The belt(s) should not be held away from the body by Verve buggy components. Ensure that the belts are not twisted.

Attach all occupant restraints in accordance with the manufacturer’s instructions. Sufficient forward and rearward clear space should be provided around the wheelchair occupant.

Image right states the following:

The rear clear zone is measured from the rearmost point on an occupant’s head. The front clear zone is measured from the front most point on an occupant’s head. Seated head height (HHT) ranges from about 1200 mm for a small adult female to about 1550 mm for a tall adult male.

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

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

To use for vehicle transportation the Verve buggy is the only certified chassis for use (with fitted securement brackets See Page 14).

No other chassis may be used for transportation purposes.

The Discovery seat must NOT be used as a car seat.

Only the certified transport 3 point occupant restraint may be used.
Securement latch brackets
Fitting the securement latch brackets must be installed by a competent technician.

Front securement bracket installation
Remove the securement plate spacer and replace with the securement plate (D)

- (A) Front mounting bar
- (B) Button head cap screw
- (C) Front frame spacer,
- (D) Front securement plate
- (E) button head screws
- (F) Flat washer,
- (G) Hexagon domed cap nuts

Rear securement bracket installation
- (H) Verve Rear Securement Plate
- (I) Button head screws
- (J) Button head screws - Metric series
- (K) Verve Rear Inner Clamp
- (L) Verve Rear Outer clamp

Ensure all the fasteners are torqued to 5 Nm and regularly checked. Failure to fit the securement brackets properly will cause severe injury or death to the user or to other persons in an event of an accident.
Securing the Discovery Seat for Transport

**Backrest angle**

When using the Discovery Seat for transportation in motor vehicles it is vital that the backrest is locked in an upright position. (A)

**To lock the backrest**

Position the backrest 90 degrees to the seat. The red safety plunger (A) should self lock in this position. Check the plunger is engaged and then tighten the angle adjustment knob (B).

Failure to lock the backrest in an upright position will allow the backrest to move and in the event of an accident will cause severe injury or death to user or to other persons.

**Seat tilt in space angle**

When using the Discovery Seat for transportation in motor vehicles it is vital that the seat is tilted back a little and the safety plungers are locked.

**To lock the seat tilt**

Press the tilt in space actuation lever and tilt the complete seat until the safety plungers (B) snap into position. Release the actuation lever.

Failure to lock tilt in space safety plungers will allow the complete seat to tilt freely and in the event of an accident will cause severe injury or death to the user or to other persons.
Unpacking your Moon Buggy

Remove all the packaging and check you have received all the parts you ordered.

Tools required to assemble your Moon buggy are supplied in the box.

⚠️ Ensure children do not play with packaging material, especially the plastic bags.

Installing front swivel wheel

Remove the plastic protector (where fitted) from the front forks.

Push the front wheel axle fully into the wheel forks.

Place the securing washers on both sides, ensure the tabs in the washers are located into the circular holes just above.

Tighten the front wheel axle by turning the quick release lever in a clockwise rotation and fold lever to lock.

NOTE: Pneumatic front and rear tyres can be inflated with a manual pump (where supplied). Tyres should be inflated to a maximum pressure of 2.4 bar (35 p.s.i).

Installing the rear wheels

⚠️ Push each rear wheel into the chassis until they lock into position.

⚠️ Check the wheels are correctly fitted by trying to pull them out again.

⚠️ The rear wheels can be removed for more compact storage. Do this by lifting the lock lever (A) on the top of the rear wheel housing, then pull the wheel out.

To open the stroller

Lay the chassis down flat and release the frame lock catch (A). Adjust the handle to the user upright position by simultaneously pressing the red buttons on the inside of the handle (B). Grasp the handle and lift upwards allowing the chassis to extend and click into position. Check the buggy is ready for use by lifting the handle. The buggy should not collapse.

To use the brakes

To use the foot (park) brake (C), push brake lever down to lock the wheels. Lift brake lever up to disengage the brakes.
To release/lock the front swivel wheel

To release the front swivel wheel to allow greater mobility, rotate the knob (A) clockwise until the rivet in the knob faces forward.

To lock the swivel wheel, rotate the knob clockwise half-a-turn and move the fork until it locks into place.

Folding the Moon buggy

Pull the folding release sliders (A) on the handle bar.

Push the handle bar forward and down.

NOTE: To make the Moon Buggy even more compact – fold the top of the handle bar over, and remove the wheels.

NOTE: The Moon buggy is not certified for vehicle transportation. Refer to the Verve buggy.

Putting brakes on

To put the brakes on, press with your foot on the rear brake bar. To release, flip up with your foot.
Forward Facing

Before installing the Shuttle Discovery seat into the Verve / Moon Buggy, it is recommended to engage the park brake.

Angle the rear of the Discovery seat into the buggy, Slide the rear slot on the seat onto the rear mounting bar (A) of the buggy.

Press the front of the seat down onto the front mounting bar (B) of the buggy.

The two red safety plungers (C) should self lock onto the front mounting bar.

Rear Facing

Angle the rear of the Discovery seat into the buggy, Slide the rear slot on the seat onto the front mounting bar (B) of the buggy.

Press the front of the seat down onto the rear mounting bar (A) of the buggy.

The two red safety plungers (C) should self lock onto the rear mounting bar.

**NOTE:** Tray can NOT be fitted onto the Discovery Seat when the seat is in a rear facing position.

Always check that the two red safety plungers have engaged and the seat is secured before using the seat.

Due to the nature of the product, please be aware of the length of the base and the surrounding in which the Moon / Verve Buggy is being used. Always use all of the positioning straps provided.

Removing the Shuttle Discovery Seat

Before removing the Discovery seat from the Moon / Verve Buggy it is recommended to engage the park brake.

Release the red safety plungers by pulling the red knob (A). Once the front of the seat is free tilt the seat back and remove seat from the rear mounting bar.

Always hold the Discovery seat properly with both hands. Otherwise the seat could fall and cause damage.

Never install or remove the Discovery seat with the child sitting in the seat.

Do not store or use the Verve / Moon Buggy in an area where it maybe at risk of being bumped into by others. This could cause it to tip over and cause injury.
Storing in a car boot

To store your Discovery Shuttle seat and the Moon Buggy we recommend the following steps:

- Remove the Discovery seat from your Moon Buggy.
- Fold the Moon Buggy.
- Remove the wheels if necessary.
- Angle the footplate horizontally.
- If you require the overall length of the Discovery seat to be shorter, the footplate angle mechanism can be detached so that the footplate will swing up onto the seat - see below.

Footplate angle

Loosen the wing knob (A) by a few turns until the footplate is free. Position the footplate horizontally and retighten the wing knob (A).

Detaching the footplate angle mechanism

Angle the footplate horizontally and remove the locking pin (B) by pressing the blue button on the pin.

Swing the footplate up until it rests onto the seat.

To re-engage the footplate, align the footplate with the angle mechanism and slide the locking pin (B) back into the footplate whilst pressing the blue button on the pin.

⚠️ Use caution when angling the footplate as there could be possible finger nip.
### Assembling the Shuttle Discovery Seat

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Occipital support headrest</td>
</tr>
<tr>
<td>2</td>
<td>Padded shoulder strap</td>
</tr>
<tr>
<td>3</td>
<td>Thoracic laterals</td>
</tr>
<tr>
<td>4</td>
<td>Backrest laterals</td>
</tr>
<tr>
<td>5</td>
<td>Hip supports</td>
</tr>
<tr>
<td>6</td>
<td>Seat cushion</td>
</tr>
<tr>
<td>7</td>
<td>Seat release knob</td>
</tr>
<tr>
<td>8</td>
<td>Elevated footplate</td>
</tr>
<tr>
<td>9</td>
<td>Seat tilt in space</td>
</tr>
<tr>
<td>10</td>
<td>Tray receiver</td>
</tr>
<tr>
<td>11</td>
<td>Sunhood receiver</td>
</tr>
<tr>
<td>12</td>
<td>Headrest support wings</td>
</tr>
</tbody>
</table>

### Unpacking your Discovery seat

Remove all the packaging and check you have received all the parts you ordered.

Tools required to assemble your Discovery are supplied in the box.

Ensure children do not play with packaging material, especially the plastic bags.

This product is classified as a Class 1 medical device which means it has to be prescribed, set up and re-issued by the Therapist or technically competent person who has been trained in the use of this product.
Assembling the backrest

Lift the backrest up until the hole in the backrest rear cross tube (A) lines up with the hole in seat depth bracket (B).

Slide the brass bush (C) into the hole in the backrest rear cross tube. Feed the large plastic washer (D) between the cross tube (A) and the seat depth bracket (B). Now slide the countersink screw (E) through the seat depth bracket (B), the large black plastic washer (D) and finally through the rear cross tube (A).

Secure the assembly by sliding onto the countersink screw a plain washer (F) followed by a nyloc nut (G).

Using the allen key and a 10mm spanner tighten the assembly.

NOTE: Ensure the assembly is tight and the countersink screw threads have penetrated through the plastic ring on the nyloc nut. At least 2mm of thread should be seen past the nyloc ring.

Follow the same procedure to secure the opposite side of the backrest rear tube (A) to the seat depth bracket (B).

Attaching the hip supports

Secure the hip support to the seat depth bracket (B) with bolts (A).

Follow the same procedure to secure the opposite hip support.
Attaching the thoracic laterals

Slide the clamping plate (A) through the slots. Place the two plastic washers (B) onto the thread of the clamping plate (A).

Slide the thoracic height bracket (C) onto the exposed threads.

Secure the top thread with a metal washer (D) and the knob (E).

Secure the lower thread with a metal washer (D) and lightly tighten the nut with a spanner. Ensure the thoracic height bracket (C) slides up and down smoothly. (The bracket height is set using the knob (E).)

Secure the thoracic pad to the thoracic bracket (C) with screws (F).

Follow the same procedure to secure the opposite thoracic lateral.

Attaching the footplate over hanging padding

Attach the over hanging padding to the front edge of the seat using the Velcro. Use the black spacers (A) then use the bolts from behind to tighten into the padded panel.

Attaching the seat padding

Secure the padding to the seat base and rear of the seat base using the Velcro.

**Note:** Ensure the Velcro on the seat base and padding is regularly cleaned.
Attaching the backrest padding

Hook the top of the backrest padding over the top of the metal backrest. The lower half of the padding is tucked under the backrest.

Attaching the backrest side padding

Slide the backrest side padding over the metal backrest sides. Secure the padding with the Velcro attached to the padding and the metal backrest.

Attaching the Occipital Headrest

Attach the Velcro at the back of the occipital headrest to the backrest padding.

Adjusting the headrest

If the headrest pushes the child's head forward, you can remove the "LEAF" of foam from the headrest.

To do this, un-zip the upholstery cover and remove the foam inner.

Tear off the leaf and slip the cover back on. Finally, zip the cover closed.
The clinical setup of the Discovery seat should be carried out by a therapist or a technically competent person / (prescriber) who has been trained in the use of this product.

The prescriber has the responsibility to ensure the product is correctly set up to meet the child's needs, including the induction to the user's carers.

Medifab recommend a formal written record is maintained of all the setups and maintenance checks. Please ensure the product log form is completely at the rear of this manual.

The prescriber should read this instruction manual first and be fully aware of all available adjustments.

Before placing the child in the seat, we recommend the following adjustments should be made first.

Tool pouch (A) is underneath the seat pan.

- **Seat depth**
- **Seat width**
- **Backrest height**
- **Footplate height**

### Seat Depth

*Seat depth adjustment should only be carried out.*

Remove or push the side of the seat padding to reveal the four screws (B) located on the seat base.

Undo the four screws (B) by a few turns with the allen key. Once the seat depth bracket (C) is free, position the bracket to achieve the desired seat depth.

Secure the four screws (B) tight.

**NOTE:** Ensure the assembly is tight. Do not adjust the seat depth whilst the child is seating in the Discovery seat.
Seat depth

Use the rulers on each side of the seat for fast seat depth adjustment. Line up the front edge of the black bracket with the ruler.

Hip guide / Seat width

*Seat width adjustment should only be made by the prescriber.*

Loosen the four screws (A) and (B) by a few turns. Now the hip guide width, depth and angle can be adjusted. Once an optimum position is attained retighten the screws (A) and (B).

**NOTE:** Ensure both hip guides are central to the backrest to align child pelvis correctly.
**Backrest angle**

Loosen the hand knob (B) and pull the red safety plunger (A) to free the backrest. Whilst pulling the plunger, angle the backrest to the desired angle, release the plunger (A) and secure the hand knob (B).

To place the backrest in the 90° upright position release the hand knob (B) and pull the red plunger (A). Raise the backrest to 90° of the seat and release red plunger and secure the hand knob (B).

- Ensure the safety red plunger (A) is always engaged when the backrest is at a 90° upright position.
- Always hold the backrest securely at all times when adjusting the backrest angle.
- Always check the hand knob (B) is tight before transferring the child into the Discovery seat.

**Transportation**

When using the Discovery Seat for transportation in motor vehicles it is vital that the backrest is secured in an upright position.

**To lock the backrest**

Position the backrest 90 degrees to the seat. The red safety plunger (A) should self lock in this position. Check the plunger is engaged and then tighten the angle adjustment knob (B).

*Failure to lock the backrest in an upright position will allow the backrest to move and in the event of an accident will cause severe injury or death to user or to other persons.*

Use the backrest angle ruler on each side of the seat for accurate setting adjustment.
**Backrest height**

Backrest height adjustment should only be made by the prescriber.

Loosen the two knobs (A) by a few turns. Gently pull the inner backrest up by the handle. Once the desired height has been reached tighten the two levers.

Ensure the knobs are tight after adjustment.

---

**Footplate height**

Footplate height adjustment should only be made by the prescriber.

Loosen the two screws (A) by a few turns with the Allen key. Position the footplate at the desired height and tighten the screws (A).

The lower footplate can be rotated upside down should you want to further reduce the seat to footplate measurement.

Ensure the footplate is securely tightened at all times. Should the footplate fail to provide support for the feet, there is the possibility that the user may slide down the seat causing asphyxiation by the pelvis straps, jacket or the 5-point harness.

The footplate on the Discovery is not designed to take the user's weight. Take extra care when transferring the user into the seat. Do not stand on the foot plate.

Ensure the user's feet do not get stuck behind the footplate.

---

**Footplate Angle**

Loosen the wing knob (B) by a few turns until the footplate is free. Position the footplate at the desired angle and retighten the wing knob (B).

Use caution when angling the footplate as there could be possible finger nip.

Do not stand on the foot plate.
Thoracic laterals

Thoracic laterals adjustment should only be made by the prescriber.

Loosen the four screws (A) & (B) by a few turns. Now the thoracic support width, depth and angle can be adjusted. Once an optimum position is attained tighten the screws (A) & (B).

Further height adjustment is possible by loosening the thumb knobs (C). Once an optimum position is attained retighten the thumb knobs (C).

NOTE: Ensure the thoracic supports are positioned in a way that maintains a midline trunk position.
Tilt in space

Pull and rotate the safety plungers (A) to disengage the seat insert. With the safety plungers in an 'out' position hold onto the backrest handle and gently press the lever (B) and angle the seat insert to the desired angle. To lock the angle, release the lever (B).

Upright position

Press the lever (B) and rotate the seat insert to an upright position. To re engage safety plungers (A) pull and rotate the safety plunger so they engage.

Always hold onto the backrest handle to provide additional security and control when tilting the seat.

Only tilt the seat as directed by the prescribing therapist. Inappropriate seat angle may cause issues with some user's breathing or feeding.

Exercise caution when tilting the seat. Ensure the user’s hands are not near the plastic sides as there is possibility of a finger trap.

Transportation

When using the Discovery Seat for transportation in motor vehicles it is vital that the seat is tilted back a little and the safety plungers are locked.

To lock the seat tilt

Press the tilt in space lever (B) and tilt the complete seat until the safety plungers (A) snap into position. Release the lever.

Failure to lock tilt in space safety plungers will allow the complete seat to tilt freely and the an event of an accident will cause severe injury or death to the user or to other persons.
Fitting 5 Point Harness, 2 Point Pelvic Strap and 4 Point Pelvic Strap

Please pay particular attention to the following warnings relating to safe use of the 5 point harness and the 2 and 4 point pelvic straps.

5 Point harness, 2 point pelvic strap and 4 point pelvic strap should only be fitted by a technically and clinically competent person / (prescriber).

Ensure there is at least a two finger gap between the user and the pelvic straps, this will ensure the pelvic strap is not too tight.

Poorly fitted pelvic straps may allow the user to slide down the seat causing asphyxiation by the straps.

It is advisable that each time the Discovery seat is used, the pelvic strap is examined to ensure the strap is firmly secured and there is no visible sign of wear on the straps.

Readjust straps to allow for changes in clothing.

Check that the pelvic strap goes under the pelvic support and that it fits snugly at ALL times to maintain a correct seating position.

Please seek immediate advise if you are not sure how to use the pelvic strap, if the straps are damaged or not firmly secured.

Keep the straps clean as caked up webbing will be difficult to adjust.

Users who extend, will require frequent inspection of the straps to ensure the straps have not worked loose.

If the user is able to undo the buckle seek advice immediately from the prescribing therapist as this is dangerous.

Fitting pelvic strap

Feed the pelvic strap through the slot (A) in the seat depth bracket (B). Secure the straps with the tri-glide buckle.

Adjusting the pelvic strap

The length of the pelvic straps can be adjusted with the tri-glide and the length of webbing through the slot located on the seat depth bracket (B). Ensure the pelvic webbing is securely fed through the tri-glide as shown.

Securing the pelvic strap

Push the male and the female parts of the side release buckle together. To release the buckle press the two slide release clips.
Fitting shoulder straps
Feed each of the shoulder straps through the appropriate slots in the backrest padding and the metal backrest (C). Secure the straps into the two cam lock buckles (D) situated on the backrest.

Fitting Crotch Strap
Feed the crotch strap attached to the 5 point buckle through the seat padding into the slot in the metal seat base (A). Secure the strap into the cam-lock buckle (B) located under the metal seat base.

Adjusting the 5 Point Harness
The position of the 5 point buckle can be adjusted by the cam lock buckle (B) located under the metal seat base.
The length of the pelvic straps can be adjusted through the tri-glide located on the seat depth bracket (D).
The length of the shoulder straps can be adjusted by the two flip lock buckles (E) located on the back of the backrest.
Securing the 5 Point Harness

**UK & EU - 5point Buckle**

Bring the two male parts of the buckle together and then slide the assembly into the main 5 Point buckle. Ensure the two male buckles securely “Click” into the main buckle. To release the straps, press the red safety lock (A) first then press the 2 side buttons (B).

**NZ, AU & US**

Slide the individual male buckle into the 5 point buckle. Ensure the two male buckles securely “Click” into the main buckle. It is essential that the straps are adjusted/tensioned correctly to the child and all cam lock buckles are engaged properly. Please reference adjusting the 5 point harness section above.

Securing the 5 tee pad for babies

Feed the crotch strap attached to the tee pad through the seat padding into the slot in the metal seat base. Secure the strap into the cam-lock buckle located under the metal seat base.

Feed each of the shoulder straps through the appropriate slots in the backrest padding and the metal backrest. Secure the straps into the two cam lock buckles situated on the backrest.

Feed the pelvic strap through the slots in the seat depth bracket. Secure the straps with the tri-glide buckle.

Centrepoint harness x - small

Feed each of the top shoulder straps through the appropriate slots in the backrest padding and the metal backrest. Secure the straps into the two cam lock buckles situated on the backrest.

Secure the shoulder straps into the top cam locks (A) and the lower straps into the bottom cam locks (B) on backrest.
**Fitting the Jacket/Sternum harness**

Feed each of the shoulder straps through the appropriate slots in the backrest padding and the metal backrest (A). Secure the shoulder straps into the two cam lock buckles (B) situated on the backrest.

Feed the lower straps through the side slots in the backrest into the cam lock buckle (C).

**Adjusting the Harness**

The length of the shoulder straps can be adjusted by the two cam lock buckles (B) located on the back of the backrest.

The length of the lower straps can be adjusted by the two cam lock buckles (C) located on the back of the backrest.

**Securing the jacket / sternum harness**

Push the male buckle on the straps into the female parts of the buckles located on the jacket. To release the buckle press the release clip/button.

- Ensure the jacket is not impeding the throat causing a choking hazard.
- Beware of the user leaning forward or sliding down the seat, this could potentially cause asphyxiation by the jacket.
- Always release the jacket from the shoulder straps first.
- Ensure the jacket position and size is reviewed regularly by the prescribing therapist to ensure it is correctly fitted and appropriate for the user.
- Regularly check the jacket for wear and tear, especially the stitching on the webbing.
Fitting the abduction bracket

The abduction mounting bracket consists of a slotted plate (A), 4 washers (C - underneath), and a plunger plate (B). Place a single screw (E) through the hole in the seat base, slide on the slotted plate (A), washer (C) and finally tighten the screw (E) by a few turns into the threads in the plunger plate (B). Do not tighten the screw (E) at this stage. Screw in the rest of the screws (E) not forgetting the washer between the slotted plate (B) and the plunger plate (B). Once all the screws are in position tighten all the four screws.

Fitting the Abduction Support

Pull the plunger (D) down from the front of the seat and slide the abduction support (G) into the bracket slot (F). Release the plunger (D) and ensure the plunger has engaged and the abduction support (G) is secure. To remove the abduction support pull the plunger down and slide the support out.

Exercise caution when fitting the abduction support as the footrest angling bracket may pose a risk of finger nip.

Ensure a safe gap is left between the user’s groin and the abduction support.
Fitting the bracket

Attach the two thigh strap brackets (A) to the seat base through the inner slot. Place the 2 coach bolts (B) in the bracket and connect with the nuts and washers (C) under the seat base. Position the bracket as required and tighten the nuts.

Adjusting the straps

Feed the pelvic straps through the slot (D) in the thigh strap brackets. Secure the straps with the tri-glide buckle (E).

Adjusting the straps

The length of the pelvic and the thigh straps can be adjusted through the tri-glides (E). Ensure the straps are securely fed through the tri-glide.
Fitting the bracket
Attach the two brackets (A) to the seat base through the inner slot. Place the 2 coach bolts (B) in the bracket and connect with the nuts and washers under the seat base. Position the bracket as required and tighten the nuts.

Securing the Hip Guide
Secure the damping bracket (D) to the bracket (A) using the two screws (E).
Follow the same procedure for the opposite side.

Hip guide / Seat width Adjustment
Seat width adjustment should only be made by the prescriber.

Loosen the four screws (F) & (E) by a few turns. Now the hip guide width, depth and angle can be adjusted. Once an optimum position is attained retighten the screws (F) & (E).

To adjust hip guides front to back loosen screws (B).
Tighten the screws (B) after adjustment.

NOTE: Ensure both hip guides are central to the backrest.
Fitting the Adduction supports

Attach the two adduction support brackets (A) to the seat base through the inner slot. Place the 2 bolts (B) in the seat pan and connect with the nuts and washers. Position the bracket as required and tighten the nuts.

Adjusting the Adduction supports

Loosen the 2 bolts (C) and move the support to the desired position then tighten the bolts (C)
Attaching the headrest sides

Remove the backrest padding.

Insert the bolt (A) and plastic washer through the slot in the headrest bracket.

Feed the plastic washer (B—obscured) onto the bolt and then slide the assembly though the slot in the upper backrest (C).

Secure the bolt with the plastic washer (D) plain washer (E) and the knob (F).

Assemble all the other 3 bolts in the same manner.

Adjusting the headrest sides

Loosen the thumb knobs (F) by a few turns, position the headrest side as desired and retighten the knobs.
Fitting the Thigh Wedge
Place the thigh wedge on top of the seat pan and secure with the Velcro interface. The cushion then Velcro’s on top of the wedge.

Fitting Trochanter Wedges
Place the trochanter wedges on top of the seat pan and secure with the Velcro interface. The cushion then Velcro’s on top of the wedges.

Fitting Shoulder Protraction wedge
Place the shoulder protraction wedges at the top of the backrest pan and secure with the Velcro interface. The backrest cushion then Velcro’s on top of the pad.

Fitting the Sacral Pad
Place the sacral pad at the bottom of the backrest pan and secure with the velcro interface. The backrest cushion then Velcro’s on top of the pad.
Modular Cushion

Part No. 2006-0610-0xx (XX= Colour code)

The modular cushion is designed for addressing pelvic positioning needs that are too complex to be addressed by the flat seat cushion and the wedges associated with it.

⚠️ Due to the modular construction of this cushion it must only be configured by qualified clinical personnel or knowledgeable seating technicians

⚠️ Parents must be warned against interfering with the modular positioning elements inside the cushion as this could present a risk to the user

To configure the cushion:

1. A set of accurate user measurements should be obtained in order to set this up correctly. Measurements we recommend are as follows:
   - **Seat depth** (whilst sitting at optimum pelvic tilt)
   - **Seat width** (both at the hips and at the thighs)
   - Position for **pre-ischial shelf** (typically this is the line of the gluteal crease measured from front of cushion)

2. **Remove the covers (A)** and the foam overlay (B) from the cushion to reveal the positioning elements (C).

3. **Configure the pre-ischial thigh support:**

   Use a combination of 20mm thick flat sections to create the required depth of support for thighs in front of the users IT pelvic bones.

   Note: One of the sections has **BLUE** loop fabric (D) on top face. This must be used at the rear of the pre-ischial shelf against the IT pelvic bones.

   Some sections of this element may not be required due to a short seat depth. These should be retained for introduction at a later date once the user grows.
Modular Cushion

4. *Add trochanter support (head of femur) wedges* (E); these are positioned directly behind the pre-ischial shelf to provide stability and a means of correction/ accommodation for a pelvic obliquity. Adjust the width between these to suit the needs of the user. One may be eliminated to address pelvic obliquity issues.

5. *Add adduction and abduction wedges*—if required (F): In some cases these may require alteration such as narrowing of the adductor wedges or abductor pommel. They may also require shortening to suit shorter seat depths.

6. *Assemble cushion*—install foam overlay with loop fabric on underside attaching to base panel of cushion. The black wipe down cover is installed and then the breathable fabric cover (if supplied).

7. *Install onto seat frame* ensure there is hook attachment on the seat panel to hold the cushion in place, line the front of the cushion up on the seat pan overhanging the edge by approximately 10mm.

8. *Install new extended Z brackets* on Hip pads; these allow for the extra thickness of the modular cushion. Remove hip pad fasteners (G) and mounting point (H) and replace with the new extended Z bracket assembly.
Fitting the Tray Mounting Bracket

Note: the mounting block (A) is right and left handed. The slot mounting block (B) should be facing towards the front.

Secure the mounting block (A) and the height stop plate (D) to the footrest bracket (C) using the bolts (E). Ensure the bolts are tight.

Assembling the Tray

Place the tray flat and remove the knob (E), metal washer (F) and the thin plastic washer (G).

Pull the bolt (H) out until the height adjustment leg (I) is free to rotate up. Rotate the height adjustment leg (I) until it is in line with the curve slot. Push the bolt through the slot. Slide the thick plastic washer (J), thin plastic washer (G) and the metal washer (F) onto the bolt (H). Secure the assembly with the knob (E). Follow the same procedure to assemble the opposite tray height adjustment leg (I).
Tray Height Adjustment

 Undo the thumb knob (K) completely. Reposition height stop (L) and secure tight the thumb knob (K).

 Note: Ensure the height stop is facing outwards and the thumb knob is facing towards the inside.

 Note: Ensure the height stops are positioned parallel to each other.

Tray Depth Adjustment

 Loosen the two knobs (M) by a few turns. Slide the tray to desired depth and retighten the knobs (M).

Tray Angle Adjustment

 Loosen the two knobs (N) by a few turns. Angle the tray to desired angle and retighten the knobs (N).
Fitting the Tray

Slide the tray height adjustment legs (A) into the tray mounting block (B).

Ensure the tray height stops (C) are sitting into the tray stop plates (D) and that the tray is level.

- Ensure there is a small gap between the user and the tray cut out.
- Do not fit the tray too tight against the user's chest.
- Ensure the user does not get their arms stuck in the tray cut out or in the sides of the buggy.
- Do not place heavy objects on the tray.
- Do not steer the chair by the tray.

Exercise caution when fitting the tray. Ensure the user's hands are raised and not near the plastic tray mountings as there is possibility of a finger trap.
Setting the grab bar
Firstly unlock the release lever (A) then slide the grab rail on from the front of the tray table. Ensure the locking paddle (B) rotates down to enable the rail to grip the edge of the tray. Lock the lever (A) into position.

Adjusting the grab bar
Unlock the release lever (A) then slide the grab rail to the desired grab position for the child.
Fitting the Toe & Ankle straps
Pass the Velcro straps through the footplate at the desired width for the child’s foot. Then connect the straps together (A) as shown under the footplate.

Footplate over-cover
Fit the padded footplate cover with velcro as shown.

Footplate Dorsiflexion wedge
Fit the Dorsiflexion wedge with slope going back ie with thick edge (A) at front and thin edge (B) at rear.
Fitting the sun hood brackets

Fit the 2 sun hood brackets to the backrest shell using the four M6 screws (B).
The groove (A) in the plastic goes at the top.

Installing the sunhood

Push the sunhood on each side by locating the bottom of the clip into the receiver groove (A) first then push the clip in at the top.

Removing the sun hood

Pull the top of the sun hood clip to release.
**Moon Rock Base**

Before installing the Shuttle Discovery seat into the Moon Rock, it is recommended to engage the anti-rock bars.

The two red safety plungers (D) should selflock onto the front mounting bar. To start using the rocking motion, deactivate the anti-rock mechanism.

1. Always check that the two red safety plungers have engaged and that the seat is secure before using the seat.
2. Due to the nature of the product, please be aware of the length of the base and the surrounding in which the Moon Rock is being used.

**To engage the anti-rock bars**

Pull the anti rock bars out (A). The spring mechanisms will lock the bars in place.

**To disengage the anti-rock bar**

Push the anti rock bars back until they have fully retracted.

Exercise caution when pulling/ push the anti rock bars as there is a possibility of finger nip.

**Installing the Discovery Seat**

Before installing the Discovery seat into the Moon Rock, it is recommended to engage the anti-rock mechanism. Angle the rear of the Discovery seat into the Moon Rock base. Slide the rear slot on the seat onto the rear mounting bar (B) of the Moon Rock base.

Press the front of the seat down onto the front mounting bar (C) of the Moon Rock base. Ensure the red locking pins (D) have fully engaged.

For safety reasons, the seat will only be installed one way into the base. The notch (E) in the seat side engages into the crossbar to ensure this.
Removing the Discovery Seat

Before removing the Discovery seat from the Moon Rock, it is recommended to engage the anti-rock mechanism.

Release the red safety plungers by pulling the red knobs (D). Once the front of the seat is free, tilt the seat back and remove the seat from the rear mounting bar.

Remember, your child’s safety is your responsibility. Failure to follow these instructions and warnings could result in serious injury or death.

Always use all of the positioning straps provided.

Always hold the Discovery seat properly with both hands. Otherwise the seat could fall and cause damage.

Never install or remove the Discovery seat with the child sitting in the seat.

Do not store or use the Moon Rock base in an area where it maybe at risk of being bumped into by others. This could cause it to tip over and cause injury.

Do not allow other individuals to use, play with, stand on, ride on or run / play around the Moon Rock base.

Allowing other children to play near the Moon Rock may cause serious injuries due to the rocking motion of the base.

Do not stand on the rear cross bars or aggressively rock the Moon Rock as this will cause the Moon Rock base to tip.

Please ensure that the Moon Rock base is used on an indoor level surface.

The tray is not designed to hold the child in the seat.
Launcher base

Before installing the Discovery seat into the Launcher, lock the casters by pressing the brake down (C) on each 4 corners.

Installing the Discovery Seat

Angle the rear of the Discovery seat into the Launcher. Slide the rear slot on the seat onto the rear mounting bar of the Launcher base.

Press the front of the seat down onto the front mounting bar (A) of the Launcher base.

The two red safety plungers (B) should self lock onto the front mounting bar.

For safety reasons, the seat will only be installed one way into the base. The notch (E) in the seat side engages into the crossbar to ensure this.

Always use all of the positioning straps provided.

Always check that the two red safety plungers have engaged and that the seat is secure before using the seat.

Due to the nature of the product, please be aware of the length of the base and the surrounding in which the Launcher base is being used.

Do not allow other individuals to use, play with, stand on, ride on or run / play around the Launcher base.

Please ensure that the Launcher base is used on an indoor level surface.

Always lock the 4 casters when the Launcher base is in use.
**Adjusting the height**

Never adjust the height of the Launcher base with the child seated in the Discovery seat.

- To adjust the height of the seat on the Launcher base undo the 4 release levers (D) by a few turns.
- Pull the seat out of the angle slot and reposition the seat to the required height and re-tighten the four release levers.
- Ensure the seat is secure and locked in the angle slot before placing the user into the seat.
- Always lock the casters when the Launcher base is in use.
- Care must be taken at all times especially when the seating is in the raised position.
- For the ease of adjustment we recommend that the height of the Launcher base should be adjusted without the Discovery Seat mounted on the base.

**Removing the Discovery seat**

Before removing the Discovery seat from the Launcher base, it is recommended to lock the casters.

- Release the red safety plungers by pulling the red knobs (A).
- Once the front of the seat is free, tilt the seat back and remove the seat from the rear mounting bar.
- Always hold the Discovery seat properly with both hands. Otherwise the seat could fall and cause damage.
- Never install or remove the Discovery seat with the child sitting in the seat.
- Do not store or use the launcher base in an area where it maybe at risk of being bumped into by others. This could cause it to tip over and cause injury.
Lunar Base

For safety reasons, the seat will only be installed one way into the base. The notch (E) in the seat side engages into the crossbar to ensure this.

Installing the Discovery Seat

Angle the rear of the Discovery seat into the Lunar base. Slide the rear slot on the seat onto the rear mounting bar of the Lunar base.

Press the front of the seat down onto the front mounting bar (A) of the Lunar base.

- The two red safety plungers (B) should self lock onto the front mounting bar.
- Always check that the two red safety plungers have engaged and that the seat is secure before using the seat.

Due to the nature of the product, please be aware of the length of the base and the surrounding in which the Lunar base is being used.

- Do not allow other individuals to use, play with, stand on, climb on or run / play around the Lunar base.
- Please ensure that the Lunar base is used on an indoor level surface.
- Always use all of the positioning straps provided.
Adjusting the height

Never adjust the height of the Lunar base with the child seated in the Discovery seat.

To adjust the height of the Lunar base, remove the outer screws (A) whilst holding the T nuts (B) with the other Allen key. Reposition the leg to the desired height and retighten the screws into the T nuts (B).

Ensure all four legs are level and secure before placing the child into the seat.

For the ease of adjustment we recommend that the height of the Lunar base is adjusted without the Discovery Seat mounted on the base.

Removing the Discovery seat

Release the red safety plungers by pulling the red knobs (A). Once the front of the seat is free, tilt the seat back and remove seat from the rear mounting bar.

Always hold the Discovery seat properly with both hands. Otherwise the seat could fall and cause damage.

Never install or remove the Discovery seat with the child sitting in the seat.

Do not store or use the Lunar Base in an area where it may be at risk of being bumped into by others. This could cause it to tip over and cause injury.
Rain Cover
Fit the storm /UV covers by firstly fitting the sunhood then
drape the cover over the sunhood and over the handle bar.
Attach using the velcro loops to the frame.

Sibling Seat
⚠️ Do not exceed the maximum load capacity of
15kg.

Installing the Seat
Align the tabs under the seat to the frame and gently push
down. The seat will ‘click’ into place.
Check the seat is secure before using it and use all the straps
provided.

Removing the sibling seat.
Locate the two locking latches (A) on either side of the seat.
Rotate the latch on both sides and lift the seat up.

⚠️ Sibling seat must be removed before folding the
Verve frame
⚠️ The sibling seat must NOT BE USED OR
INSTALLED onto the Verve Buggy when using the
Discovery seat for transportation in motor vehicles.
⚠️ The sibling seat is not designed to be used as a
seat for transportation in motor vehicles.

Backrest Angle
To change the backrest angle lift the lever (B) located on the
top of the backrest.
Position the backrest into one of the three positions
provided and release the lever to lock the backrest angle.
Upholstery and Fabric covers

Day to Day cleaning
Padding should be wiped regularly with soapy water or antibacterial spray. Please dry covering material thoroughly after wiping.

Deep cleaning
Fabric covers can be machine washed at 40°C. Please remove the foam from the covers before washing the covers. To remove thoracic support covers, undo the two screws (A) first and detach the complete support. Remove the covers from the moulded foam. Store the fasteners in a safe place and out of reach from children.

To remove the backrest cover, the shoulder straps need to be removed first. Lift the flip lock buckle (B) at the rear of the backrest and pull the strap through the padding.

The 5 point harness, pelvic straps, foot straps and sternum jacket can also be machine washed at 40°C. Please ensure the straps are refitted as instructed in this manual under fitting the accessories section. Store the plastic tri-glides in a safe place and out of reach from children.

Metal, Plastic and Wooden components

Day to Day cleaning
Metalwork, plastic and wooden parts can be wiped with soapy water or antibacterial spray. Please dry the product thoroughly. Please do NOT use solvents, abrasive cleaners, caustic soda, sodium hypochlorite and organic solvents.

Deep cleaning
For deep cleaning a low pressure steam cleaner can be also be used. We recommend that the Verve and Moon Buggy wheels and Launcher casters are cleaned on a regular basis.
This product has been prescribed by the Therapist who must ensure that all carers understand and implement correct use, safety checks, care, maintenance and cleaning. It is the carer for the child who is responsible for ensuring the product is correctly used on a day to day basis. The Therapist should direct the following checks to be undertaken, the frequency of the checks are only a minimum and should be adjusted depending on the environment in which the equipment is used.

**Daily Checks**

The following visual checks must be made before every use.

**Discovery Seat**

- Check the 5 point harness / 4 point pelvic strap / 2 point pelvic strap / chest harness is / are securely fitted to the seat.
- Check the backrest angle is secure and tight.
- Check the footplate angle and height is secure and tight.
- Check all the upholstery for wear and tear.
- Check all the adjustment levers and knobs are in place and secure.

**Moon Buggy**

- Check the Discovery seat is securely mounted on the Moon Buggy.
- Check the brakes / wheels are locking tight.
- Check the frame for wear and tear, splinters or breaks.

**Launcher**

- Check the Discovery seat is securely mounted on the Launcher.
- Check the casters are locking tight.
- Check the frame for wear and tear, splinters or breaks.

**Moon Rock**

- Check the Discovery seat is securely mounted on the Moon Rock.
- Check the anti rock bars are all locking.
- Check the frame for wear and tear, splinters or breaks.

**Lunar**

- Check the Discovery seat is securely mounted on the Lunar.
- Check each of the four legs to ensure they are secure and level.
- Check the frame for wear and tear, splinters or breaks.

After transferring the child into any of the bases check all the positioning straps fit the child snugly.

Always keep your Shuttle Discovery System clean. If you have been to the beach, completely clean the Verve and Moon Buggy afterwards to remove the sand and salt from the mechanisms and wheels.

---

**Reissuing the product**

Shuttle Discovery system is a Class 1 medical device and therefore should only be prescribed by a therapist. Therefore the following points must be observed before re-issuing Shuttle Discovery.

The therapist should ensure that the product is standard and that no special attachments or modifications have been made. The therapist should ensure that the Shuttle Discovery meets the new client's needs.

Each product has a serial number located on it. Do not remove this label.

Detailed checks / inspections should be carried out on the product by a technically competent person who has been trained in the use of this product. Follow the six monthly checks outlined on the previous page.

If you are not able to carry out the outlined checks, please contact Medifab or your local dealer, who will be happy to arrange a full service for your Shuttle Discovery.

A written record should be kept of six monthly checks, services, repairs and setups. Please fill in the product log form at the rear of this manual.

Ensure the Shuttle Discovery system has been fully cleaned as per this manual.

Always ensure that a new user manual is supplied each time the product is re-issued. For a new manual please contact Medifab or your local dealer. You can also download the manual from our website: www.Medifab.com or email us at info@medifab.com.

If the product is being delivered always ensure that the product is packed securely to avoid damage.
The frequency of the six monthly check is only a minimum and should be adjusted depending on the environment in which the equipment is used. As this check is a more in-depth check it should be carried out by a technically competent person who is trained in the use of this product. Please maintain a record of check by filling in the product log form at the rear of this manual.

**Discovery Seat**
- Check the 5 point harness / 4 point pelvic strap / 2 point pelvic strap / chest harness are securely fitted to the seat and functioning correctly.
- Check the backrest, thoracic, pelvic, footplate, headrest, abduction and adduction supports are secure and tight.
- Check the backrest angle is secure and tight.
- Check the tilt in space mechanism is working smoothly and the seat feels secure.
- Check the tilt in space release lever is operating the tilt in space mechanism correctly. Pay particular attention to the body pillow tension.
- Check the seat mounting, backrest angle and tilt in space safety plungers are all secure and locking.
- Replace any missing or worn fasteners / adjusting levers and knobs.
- Inspect the backrest and footplate pivot points. Ensure the fasteners are not loose.
- Inspect the two pivot brackets under the seat, ensure the fasteners are not loose.
- Inspect the seat depth adjustment screws under the seat padding, ensure the fasteners are tight.
- Check all the straps for fraying and missing or broken buckles.
- Check all the upholstery for wear and tear.
- Check the seat frame work for wear and tear, splinters or breaks.
- Check the overall structure of the Discovery seat for any signs of fatigue or damage.

**Verve Buggy / Moon Buggy**
- Check the buggy is moving smoothly and functioning correctly. Any unusual noise or vibration or movement in the product could be caused by loose fasteners or damage to the product. Contact your Shuttle Discovery distributor and your user’s therapist who will assist you to correct any problems.
- Do not use the product until the problem is rectified.
- Check the rear wheels are locking securely. Remove any dirt and ensure the wheels are turning freely.
- Check the front wheel / wheels swivel lock is working correctly.
- Check the Moon buggy front wheel is turning freely and sitting correctly in the wheel fork and secure. Remove any dirt from the wheel.
- Check the Moon buggy front wheel fork is firmly secured to the frame.
- Check the fasteners that secure the front and the rear seat mounting bars are tight.
- Check the overall Buggy structure for any signs of fatigue or damage.
- Check the frame for wear and tear, splinters or breaks.
- Check the air pressure in the wheels.

*Verve Buggy* Max air pressure 1.5 bar (20 P.s.i)
*Moon Buggy* Max air pressure 2.4 bar (35 P.s.i)

**Launcher**
- Check the caster brakes lock. Ensure the casters are free from dirt and freely turning.
- Check casters are firmly secured to the base board.
- Check there is no play in the two wooden sides. Check the six screws under the base board are tight.
- Check height adjustable seat mounting is tight.
- Check the overall Launcher structure for any signs of fatigue or damage.
- Check the frame for wear and tear, splinters or breaks.
- Replace any missing or worn fasteners / adjusting levers and knobs.

**Moon Rock**
- Check the two sides of the Moon Rock base are tight.
- The front and rear anti rock mechanism is functioning correctly and firmly secured to the sides.
- Check front and rear mounting bars are secure.
- Check the overall Moon Rock structure for any signs of
fatigue or damage.

- Check the frame for wear and tear, splinters or breaks.
- Replace any missing or worn fasteners / adjusting levers and knobs.

**Lunar**

- Check the two sides of the Lunar base are tight.
- Check each of the four legs are tightly secured to the base and level.
- Check the overall Lunar structure for any signs of fatigue or damage.
- Check the frame for wear and tear, splinters or breaks.
- Replace any missing or worn fasteners.

A written record should be kept of the six monthly checks carried out. Please fill in the product log form at the rear of this manual.

If a fault is found with any of the Shuttle Discovery System please do not use the product until the fault is rectified. Please contact Medifab customer service department or your local dealer immediately for guidance.

<table>
<thead>
<tr>
<th>Date</th>
<th>Set Up / Checks / Amendments</th>
<th>Signature</th>
<th>Print Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

58
<table>
<thead>
<tr>
<th>Date</th>
<th>Set Up / Checks / Amendments</th>
<th>Signature</th>
<th>Print Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Set Up / Checks / Amendments</td>
<td>Signature</td>
<td>Print Name</td>
</tr>
<tr>
<td>------</td>
<td>-----------------------------</td>
<td>-----------</td>
<td>------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
We recommend that the Shuttle Discovery system should be serviced annually once out of the warranty period.

If you suspect the Shuttle Discovery has had heavy usage and is still under warranty we recommend you request a full service.

Shuttle Discovery should only be service by a technically competent person who has been trained in the use of the product, a Medifab authorised person or your local dealer.

Please contact our customer service department or your local dealer for further information.

**Service Life:** Medifab recommends that the Shuttle Discovery can be used for a period of 4 years, provided the product is maintained and serviced as per manufacturer's instructions.

### Product identification serial number

**Discovery Seat:** Located on the backrest.

**Verve Buggy:** Located on the inside of the buggy frame.

**Moon Buggy:** Located on the inside of the buggy frame.

**Launcher:** Located on the base.

**Moon Rock:** Located on the inside face of the side.

**Lunar:** Located on the side of the base.

---

### Medifab

**REF**

**SN**

**LOT**

**Discovery Seat**

| KG | 25 kg/55 lbs (seat) |
| KG | 55 kg/121 lbs (chassis) |

---

### Product raw material

**Discovery seat:** Aluminium

**Moon Buggy:** Aluminium & Plastic

**Verve Buggy:** Aluminium & Plastic

**Launcher:** Wood & Aluminium

**Lunar:** Wood & Aluminium

**Moon Rock:** Wood & Aluminium

**Plastic Parts:** High Density Polyethylene

**Cushion:** Fire-resistant Foam: BS5852 / Source 5

**Fabric:** Fire-resistant Fabric: BS 5852: 2006 source 5, BS EN 1021-1&2

---

### Discovery Seat: 2006-0010-000

| Seat depth | 14-30 cm |
| Seat width  | 13-27 cm |
| Trunk width  | 12-25 cm |
| Lower leg length | 14-28 cm |
| Footplate elevation angle | 90°-160° |
| Backrest height | 45-58 cm |
| Height of shoulder strap slots | 25-39 cm |
| Backrest inclination | 90°-160° |
| Seat tilt in space | 0°-40° |
| Load capacity | 25Kg |
| Weight | 7.5 kg |
| Folding size (LxWxH) | 56 x 33 x 14 cm |

---

### Verve Buggy: 2006-0040-000

| Push handle height | 77-109 cm |
| Frame width | 65 cm |
| Frame length | 93 cm |
| Front wheel diameter | 23.5 cm |
| Rear wheel diameter | 30 cm |
| Frame folded length | 84 cm |
| Frame folded width | 65 cm |
| Weight | 12.5 kg |
| Load capacity | 55 Kg |
| Sibling seat load capacity | 15 kg |

---

### Launcher: 2006-0012-000

| Frame width | 61 cm |
| Frame length | 73 cm |
| Frame height | 54 cm |
| Seat to floor height | 38-68 cm |
| Weight | 9.2 kg |
| Load capacity | 40 kg |

---

### Lunar: 2006-0013-000

| Frame width | 43 cm |
| Frame length | 63 cm |
| Frame height | 17-28 cm |
| Seat to floor height | 22-32 cm |
| Load capacity | 40 Kg |
| Weight | 2.5 Kg |

---

### Moon Rock: 2006-0011-000

| Frame width | 41 cm |
| Frame length | 71 cm |
| Frame height | 27.5 cm |
| Seat to floor height | 34 cm |
| Load capacity | 40 kg |
| Weight | 3.4 kg |
About Medifab

Our mission is ‘Shaping better lives’.

Medifab make a positive difference to lives of children, parents and therapists around the world, by providing leading edge postural support solutions for a wide range of special needs.

We’re passionate about solution-finding for challenging situations and have worked directly with special needs requirements for over 22 years, helping children to sit, function and develop.

Based in New Zealand, the home of ‘Kiwi Innovation’, we welcome you to join us in ‘Shaping better lives’, wherever you are.

© 2014 Medifab. All rights reserved. Manual: Discovery20140813

Phone +64 3 307 9790
Fax +64 3 307 2820
Email solutions@medifab.co.nz

www.medifab.com