

De-Bug Beach Wheelchair

ASSEMBLY, OPERATION, SAFETY INSTRUCTIONS AND WARRANTY INFORMATION



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Transfers:

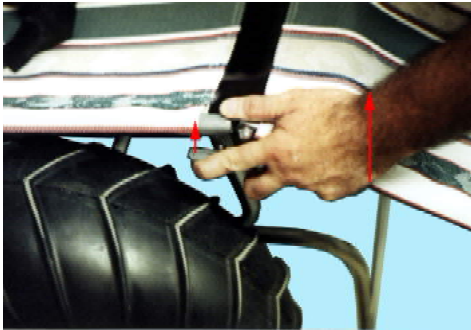


Because of the diameter and width of the tires, De-Bug may be slightly higher from the ground than a conventionally designed wheelchair. Transferring from one elevation to a lower elevation minimizes this difference.

The elevation of De-Bug can be lowered further **by reducing the air pressure** in all tires from **5 to 2.5 PSI**. This also makes De-Bug considerably **easier to propel in very soft sand**. On trails and more compact surfaces, the tire air pressure should be adjusted back to 5 P.S.I.

The armrests should be removed before performing a lateral transfer and the front wheels should be locked to stabilize the chair. The armrests are not intended to support the weight of the user during transfers, or to be used as a seat themselves.

For most strong paraplegics, minimal stand-by assistance is required. We recommend that less able users have an assistant familiar with transfers



Stainless Chair.

With Elevating Legrest

Figure 1 To raise the leg rest, pull up on the Notched regulator located on each side of the chair.



Figure 2 While holding the notched regulator up, raise the foot rest to the desired position, and then release the notched regulator, locking the footrest in position



Figure 3 shows the legrest raised to the first increment



Figure 4 demonstrates the leg extension fully elevated in the third position.

To extend the length of the footrest, loosen the black knobs located on both sides of the footrest, and firmly pull the legrest out to the desired length

Figure 1



Stainless Chair.
With Reclining Backrest

Figure 1 Shows the chair in the fully upright position.

Figure 2



Figure 2. To lower the backrest, pull up on the cable located in the rear of the chair until the locking mechanism is released. At the same time, lean the backrest slightly forward, then gently lower the backrest to the desired position. To raise the backrest, pull up on the backrest cable until the locking mechanism is released, then raise the backrest to the desired position. Release the cable when that position has been reached.

Be sure the chair is in a stationary position with the brakes locked.

Figure 3



Figure 3. Shows the chair in the fully reclined position with the arm rests removed

Figure 4



Stainless Chair.
With Tilt N Space

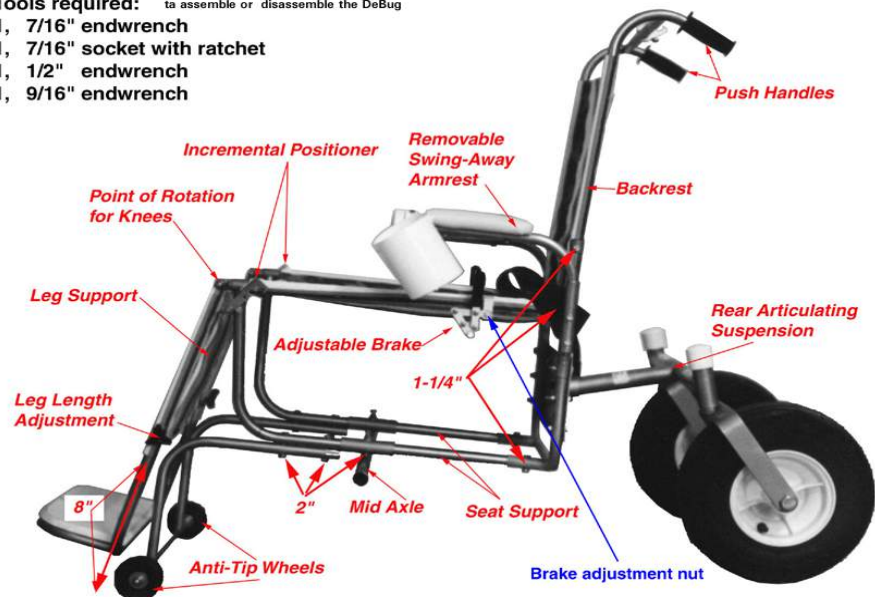
Figure 4. To tilt the chair on its axis, pull up on the cable located in the rear of the chair until the locking mechanism is released. Then gently tilt the backrest to the desired position.

Be sure the chair is in a stationary position with the brakes locked.

Assembly Instructions

Tools required: to assemble or disassemble the DeBug

- 1, 7/16" endwrench
- 1, 7/16" socket with ratchet
- 1, 1/2" endwrench
- 1, 9/16" endwrench



To disassemble the De-Bug

1. Loosen the Leg Length Adjustment knobs and slide out the footplate.
2. Slide off the Leg Support Sling, and remove the two 1/4-20 nuts at the point of rotation of the knees.
3. To remove the Anti tip Wheels, loosen the four attaching 1/4-20 bolts and remove the wheelie bar.
4. To remove the Mid Axle, loosen the two attaching 1/4-20 bolts.
5. To remove the Backrest, remove the two attaching 1/4-20 bolts and slide up on the Backrest.
6. The Rear Suspension Tension may be detached by removing the Rear Suspension Tension bolt. This bolt should be tight during use.

The chair may be further disassembled by removing the remaining 1/4-20 bolts as required.

To Assemble the De-Bug

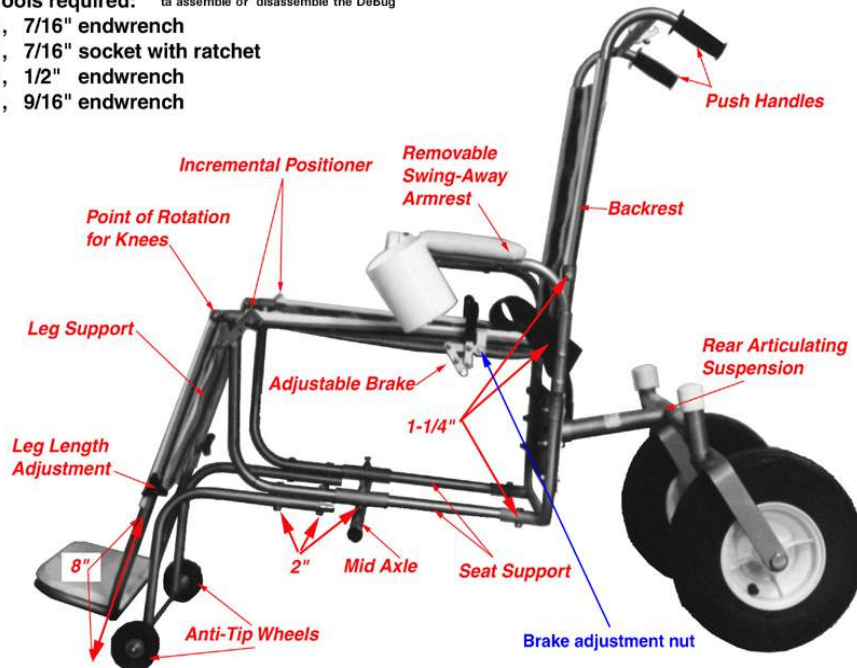
1. Slide on the Leg Support Sling, and insert the two 1/4-20 nuts at the point of rotation of the knees.
2. Slide on the foot plate, and tighten the Leg Length Adjustment knobs
3. Attach the Anti tip Wheels and then the wheelie bar. Tighten the four attaching 1/4-20 bolts
4. Install the Mid Axle, tighten the two attaching 1/4-20 bolts.
5. To install the Backrest, slide the backrest down on the chair frame and attach using the two 1/4-20 bolts
6. The Rear Suspension Tension may be attached by inserting the Rear Suspension Tension bolt. This bolt should be tight during use.

* Anti-tip Wheels are on Elevating legrest chairs only!




Assembly Instructions

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Please note the anti tip wheels are used with chairs that have the elevating legrests.

	316L Stainless Steel Beach Wheelchair with seatbelts, removable, swing away armrest and castering rear wheels. Ten year warranty on frame included		Pool/Street Chair shown with elevating leg rest, front interchangeable pool wheels, and extra rear suspension.
	316L SS Beach Wheelchair, with Elevating Leg rest, seatbelts, removable, swing away armrest and castering rear wheels, Ten year warranty on frame included *		Reclining chair Shown with headrest, and powder coated blue. The armrests are in the reversed position.
	Tilt in Space Chair. Shown with elevating leg rest, head rest, and powder coated blue		Tilt N-Space Reclining Combination. Shown with elevating leg rest, head rest, and powder coated blue
	Umbrella with Stainless Steel, Adjustable Swiveling holder		Interchangeable front Pool/Street Wheels Extra Rear caster
	D-Ring Chest Strap		Butterfly Chest Strap
	Concave, or Three Piece Headrest		Removable, Zippered, Washable, Cushion, with UV and Anti Mildew Inhibitor,
	Wheeleez Wheels We are a full distributor of Wheeleez Wheels and Products.		Stainless Steel Quick Release Pins

SPECIFICATION

De-Bug frame is constructed using **#316L** Stainless Steel tubing which is a **higher grade than standard “#304 marine grade”** stainless.

- * **Weight capacity** 350 pounds standard, weight capacities up to 600 pounds can be accommodated for a nominal fee.
- * **Casters** - rear wheels rotate 360 degrees . Wheel hubs are made from poly-nylon material to eliminate salt water corrosion.
- * The rear suspension also articulates +/- ~20 degrees, allowing all four wheels to remain in contact with the ground when going across uneven terrain, making it much more stable than standard outdoor wheelchairs.
- * **Swing away arm rests** are also easily removable for Lateral transfers.
- * **Footrest**-Has Linear position telescopic length **adjustment** and four position angle adjustment. The De-Bug also has a footrest for proper foot support.
- * **Wheel Lock** - Adjustable tension wheel brake can be actuated independantly on each side, uses all #316L stainless steel hardware.
- * **Chair weight** - Forty pounds for a standard adult chair
- * **Chair width** is ~33.5 inches to access a 36 inch doorway and is ~27 inches wide with the optional interchangeable pool wheels.
- * **Chair design** is patented in the U.S. #380,991

30 DAY Money Back Guarantee

Ten year warranty

Components & Frame #316L series Stainless Steel “ the higher the higher the quality of Stainless”

Two year warranty

Seating - Material is Phifertex Nylon, anti-absorbant, U.V. resistant. Seating is removable and machine washable.

Two year warranty

Tires - 3 ply poly urathene, low pressure, to specifically enable easy operation in grass, gravel, sand, snow, & uneven terrain

MAINTENANCE

Because your De-BUG chair is built tough, maintenance is minimal, however, to keep your chair in top shape for years to come, just follow these simple Maintenance procedures.

Cleaning Chair

After use, rinse off the chair to remove any dirt and debris. A mild detergent can be used to remove any tough stains.

Sling Seats

Mild soap and water should remove any stains. If necessary, a diluted mixture of bleach & warm water will remove any tough stains.

Cushions

Mild soap and water should remove any stains. If necessary, a diluted mixture of bleach & water will remove any tough stains

LIMITED WARRANTY

1. DEMING DESIGNS WARRANTS ITS PRODUCTS, OTHER THAN TIRES AND SLINGS, AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF TEN (10) YEARS FROM THE DATE OF PURCHASE. THIS WARRANTY IS LIMITED, AT DEMING DESIGN'S OPTION, TO THE REPAIR OR REPLACEMENT OF, OR THE ISSUING OF A CREDIT FOR, ANY DEFECTIVE EQUIPMENT OR PART COVERED BY THIS LIMITED WARRANTY. DEMING DESIGNS SHALL HAVE THE RIGHT TO REQUIRE THAT THE DEFECTIVE PRODUCT(S) BE RETURNED TO DEMING DESIGNS WITH TRANSPORTATION BEING PREPAID BY THE PERSON CLAIMING UNDER THE WARRANTY. DEMING DESIGNS SHALL INVOICE FOR ALL CHARGES, PARTS, LABOR AND TRANSPORTATION FOR REPAIRS TO OR REPLACEMENT OF ANY PRODUCTS FOUND NOT TO BE DEFECTIVE OR OTHERWISE NOT COVERED BY THE TERMS OF THIS WARRANTY. DEMING DESIGN'S LIABILITY IS LIMITED TO THE AMOUNT CHARGED BY DEMING DESIGNS FOR THE DEFECTIVE PRODUCT AND THIS WARRANTY DOES NOT INCLUDE TRANSPORTATION CHARGES AND LABOR COST FOR REMOVAL OR RE-INSTALLATION.

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3. DEMING DESIGNS DOES NOT WARRANT THE MERCHANTABILITY OR FITNESS OR ANY PARTICULAR PURPOSE OF ITS PRODUCTS AND DOES NOT MAKE ANY WARRANTY, EXPRESS OR IMPLIED, OTHER THAN THE LIMITED WARRANTY CONTAINED HEREIN.

4. DEMING DESIGNS SHALL IN NO EVENT BE LIABLE FOR ANY DAMAGES OR LOSSES ARISING FROM THE LOSS OF USE OF THE PRODUCT, ANY COMMERCIAL LOSS, CONSEQUENTIAL DAMAGES OR INCIDENTAL DAMAGES ARISING FROM A DEFECT IN MATERIAL AND/OR WORKMANSHIP COVERED UNDER THIS WARRANTY.

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6. DEMING DESIGNS HAS NOT AUTHORIZED ANYONE TO MAKE ANY REPRESENTATION OR WARRANTY OTHER THAN THE WARRANTY CONTAINED HEREIN.

EXCEPT WHERE PROHIBITED BY LAW, THIS LIMITED WARRANTY REPRESENTS THE TOTAL AGREEMENT BETWEEN YOU AND DEMING DESIGNS AS TO DEMING DESIGN'S LIABILITY IN THE EVENT OF DEFECTS IN WORKMANSHIP OR MATERIAL OF ANY DEMING DESIGNS MANUFACTURED OR SUPPLIED PRODUCTS, AND YOU ACCEPT OR USE ANY SUCH PRODUCTS SUBJECT TO THIS LIMITED WARRANTY, WAIVING ANY OTHER RIGHTS YOU MAY HAVE AGAINST DEMING DESIGNS FOR ANY CLAIMS ARISING OUT OF ANY DEFECT IN WORKMANSHIP OR MATERIALS. TO THE EXTENT ANY ONE OR MORE PROVISIONS OF THIS LIMITED WARRANTY ARE HELD TO BE PROHIBITED BY LAW, THE REMAINING PROVISIONS OF THIS LIMITED WARRANTY SHALL BE SEVERED AND GIVEN THE FULL FORCE AND EFFECT PERMITTED BY LAW

General selling conditions

*Deming Designs, Inc. is not responsible for shipping damages. The product is shipped fully insured. Upon delivery, the buyer must have the delivery person acknowledge, in writing, any damage to the box and ask him for the procedure to follow.

*Refusal of shipment: we will reimburse your payment less a 10% restocking fee and less shipping charges.

*Return policy: the product must be returned in "as-new" condition, in its original packaging and sent back within 30 days to the address we will tell you. Customer is responsible for all shipping related charges. We will refund your payment less a 10% restocking fee and less shipping charges. If the product is not returned as described above, we will charge you also the cost of bringing it back to "as-new" condition.

*The buyer acknowledges receipt of a copy of the User's Guide: "Deming Designs, Inc. ASSEMBLY, OPERATION AND SAFETY MANUAL" and fully agrees to its terms and conditions.

*This Agreement shall be construed, and any dispute shall be resolved, under the laws of the State of Florida Any dispute which cannot be settled between the buyer and Deming Designs, Inc. shall be exclusively settled by arbitration according to the procedure and rules used by Deming Designs, Inc..

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