



USING THE BINGO CHAIR FOR TRANSPORTATION IN MOTOR VEHICLES

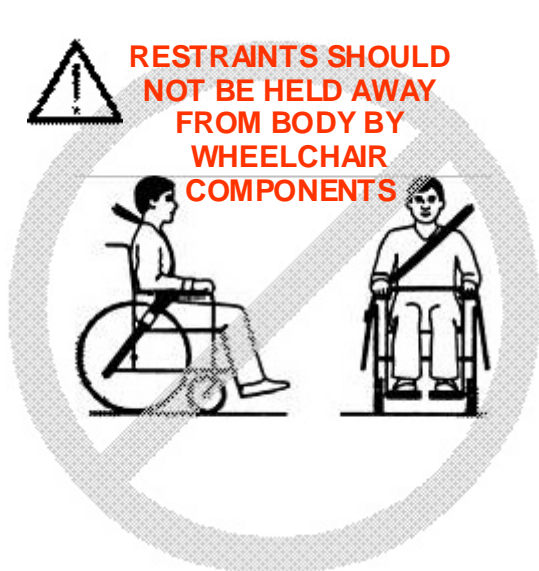
The BINGO Chair is approved for transporting children in motor vehicles when it is equipped with the OPTIONAL transit feature and used in accordance with these instructions. The chair must be secured in a forward-facing position with a Wheelchair Tiedown and Occupant Restraint System (WTORS) which meets the requirements of SAE J2249 Recommended Practice—Wheelchair Tiedown and Occupant Restraint Systems For Use in Motor Vehicles.

1. IMPORTANT INFORMATION:

- a. This wheelchair conforms to and has been dynamically tested in compliance with ANSI/RESNA WC/Vol. 1 – Section 19.5.3. (a.k.a. WC-19)
- b. Securement points are in the locations shown in FIGURE 1.

2. WARNINGS & INSTRUCTIONS:

- a. **The BINGO chair must be used as indicated in these instructions and the instructions supplied by the vehicle mounted tie down manufacturer.**
- b. Please contact Kids Up if you have any questions regarding use of the wheelchair for seating in a motor vehicle. Our contact information is in the front of this manual.
- c. Chair user should be transferred to the vehicle seat and use the vehicle-installed restraint system whenever possible.
- d. The BINGO Chair can accommodate up to 77 lbs. Do not exceed this occupant weight.
- e. The BINGO Chair must be placed in a forward-facing position, when used as a seat in a motor vehicle. Use an approved 4-point strap-type tie down system. Use an approved 3-point belt for the occupant. Secure using the instructions provided with the tie down system.
- f. Restraints should not be held away from the child's body by wheelchair components.
- g. Belt restraints should be adjusted as snugly as is comfortable for the child.
- h. The BINGO chair has been dynamically tested in a forward facing mode with the test device restrained by **both pelvic and upper torso belts**. Both pelvic and upper torso belts must be used to reduce the possibility of head and chest impacts with vehicle components.
- i. Only belt restraints that comply with the provisions of ANSI/RESNA WC/Vol. 1 – Section 19 4.9.2-4.9.5 and 5.2 that have been dynamically tested in accordance with Annex A & 5.3 of the same, should be installed on the wheelchair for use as a restraint in a motor vehicle.
- j. Postural supports and belts may be used IN ADDITION TO the occupant belt restraint, but should not be relied upon to replace occupant restraints that have been designed and tested for this purpose.



WARNING: DO NOT ATTACH TIE DOWNS ANYWHERE EXCEPT DESIGNATED TIE DOWN LOCATIONS!

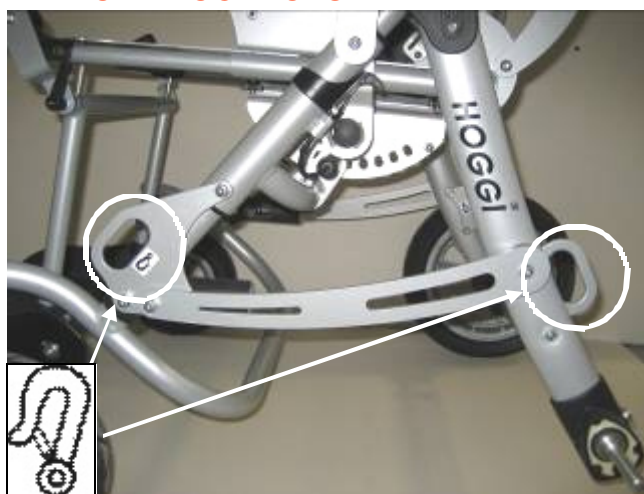


Figure 1: Securement Point Locations

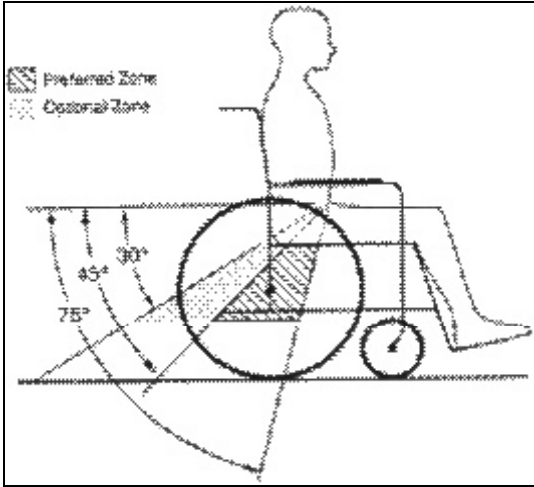


Figure 2: Desired Pelvic Belt Angle

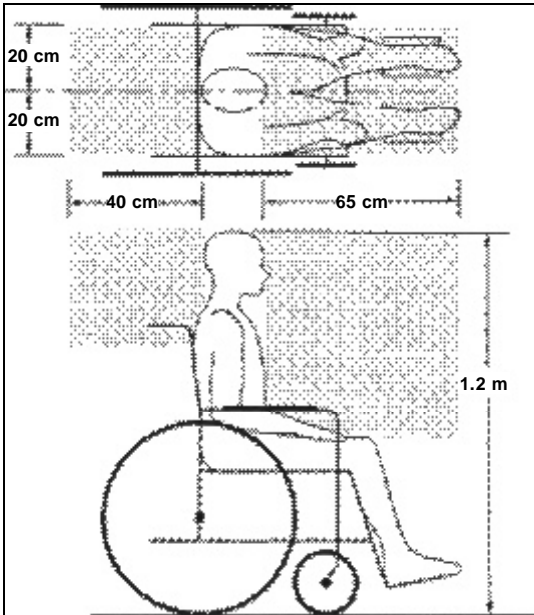


Figure 3: Recommended Safety

- k. Refer to FIGURE 2: A side view of the desired pelvic belt angle range.
 - (1) NOTE 1: Steeper side-view pelvic-belt angles are especially important if the pelvic belt is intended to be used for postural support in addition to occupant restraint in a frontal crash. Steeper angles will reduce the tendency for a vertical gap to develop between the user and the belt due to compliance of seat cushions and belt movement, thereby reducing the tendency for the user to slip under the belt and for the belt to ride up on the soft abdomen during normal use.
 - (2) Steeper belt angles also reduce the tendency for upper-torso belts to pull the pelvic belt into the abdomen during frontal impact loading.
- l. Auxiliary wheelchair equipment should be removed from the wheelchair and secured in the vehicle during transit.
- m. Wheelchair mounted trays must be removed from the wheelchair and secured during transit.
- n. Alterations or substitutions should not be made to the wheelchair structural and frame parts or components without consulting Kids Up.
- o. Follow the precautions for the recommended safety zone shown in FIGURE 3.
- p. The recline and tilt should place the child in an upright position for transport. **Never exceed a 30° (from vertical) recline when using the chair for transport.**
- q. The BINGO chair with the transit option is equipped with a pin/bushing assembly for easy attachment of certain pelvic belts. The location of this pin is shown in FIGURE 4.
- r. Always drive carefully so as not to put unnecessary excessive force on the tie down system.



WARNING: DO NOT USE THE CHAIR IF IT HAS BEEN INVOLVED IN A CRASH.



Front tie-down bracket



Figure 4: Pin/Bushing for Attachment of Pelvic Belt