

**Special Needs Car Safety Seats/Restraints Product Information**

<b>Type</b>	<b>Model Name</b>	<b>Manufacturer</b>	<b>Price</b>	<b>Weight Limits</b>	<b>Height Limits</b>	<b>Conditions</b>	<b>Comments</b>
<b>Travel vests</b>	BESI Restraining Harness	Besi Manufacturing 9445 Sutton Pl Hamilton, OH 45011 800/543-8222 www.besi-inc.com	\$85	Up to 164 pounds	None; for waists 22"–43"	Behavioral conditions; decreased trunk control	For school bus use only. Need hip measurement. Adjustable sizes. Cam wrap required for school bus installation, along with lap belt.
<b>Travel vests continued</b>	E-Z-On Vest	E-Z-On Products, Inc of Florida 605 Commerce Way W Jupiter, FL 33458 800/323-6598 www.ezonpro.com	\$77–\$102 (varies with size and model)	Manufacturer recommends for ages 2 years and older and 40–164 pounds.	None; for waists 22"–43"	Behavioral conditions; decreased trunk control	Standard and fully adjustable sizes. Optional crotch strap. Tether required for vehicle installation; cam wrap required for school bus installation. Styles include "adjustable" zippers and shoulder straps.
	E-Z-On 86-Y Universal Harness	E-Z-On Products, Inc of Florida 605 Commerce Way W Jupiter, FL 33458 800/323-6598 www.ezonpro.com	\$60–\$80	Manufacturer recommends for ages 4 years and older and 40–164 pounds.	None	Behavioral conditions	Harness supplements vehicle lap belt with 2 straps to hold upper body. Attaches to car with single bolt.
	Q'Vest	Q'Straint 5553 Ravenswood Rd Bldg 110 Fort Lauderdale, FL 33312 800/987-9987 www.qstraint.com	\$84	Two sizes <ul style="list-style-type: none"> <li>• 20–60 pounds</li> <li>• 60 pounds or more</li> </ul>	None	Behavioral conditions; decreased trunk control	Manufacturer recommends for school bus use only.
<b>Travel vests (reclined)</b>	Modified E-Z-On Vest	E-Z-On Products, Inc of Florida 605 Commerce Way West Jupiter, FL 33458 800/323-6598 www.ezonpro.com	\$111–\$132	Manufacturer recommends for ages 2–12; 20–100 pounds.	Child must fit lengthwise on a bench seat. Sizes are for hips 22"-32".	For older children who must lie down because of conditions such as spinal injuries, body casts, long leg casts, or hip spica casts	Need hip measurement to determine size. Standard and adjustable models. Optional crotch strap. Requires 2 seat belts for installation.
<b>Mobility base systems</b>	Kid Kart Xpress	Sunrise Medical 7477 E Dry Creek Pkwy Longmont, CO 80503 800/388-5278 www.sunrisemedical.com	\$2,195 (standard package)	Seat is built on basis of child's measurements; maximum user weight of 55 pounds.	Based on specific measurements of child.	Decreased head, neck, and trunk control and other conditions requiring use of wheelchair	For use in school bus or van. Tie-down locations on mobility base tested and approved for transit. Manufacturer recommends use of Q'Straint tie-down system. Center mount joystick. Seating system options and accessories, including vent base frame, IV pole, and spica cast support.

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	Kid Kart TLC	Sunrise Medical 7477 E Dry Creek Pkwy Longmont, CO 80503 800/388-5278 www.sunrisemedical.com	\$2,750 (standard package)	Seat is built on basis of child's measurements; maximum user weight of 75 pounds.	Based on specific measurements of child	Decreased head, neck, and trunk control and other conditions requiring use of wheelchair	For use in school bus or van. Tie-down locations on mobility base tested and approved for transit. Manufacturer recommends use of Q'Straint tie-down system. Seating system options and accessories, including vent and battery tray, and IV pole.
<b>Mobility base systems continued</b>	Mulholland Growth Guidance System	Mulholland Positioning Systems, Inc 215 N 12th St PO Box 391 Santa Paula, CA 93061 800/543-4769 www.mulhollandinc.com	\$2,500– \$4,500	Up to 50 pounds	None	Decreased head, neck, and trunk control	Postural support system with stroller base. Remove from stroller for installation in vehicle. Requires a tether. Install in bus or van only with Positioning Systems, Inc tie-down system.
	Pixie Positioning Chair	Sammons Preston PO Box 5071 Bollingbrook, IL 60440-5071 800/323-5547 www.sammonspreston.com	\$1,435– \$1,625	Children ages 3–12; small and large sizes up to 110 pounds	None	Cerebral palsy and conditions that require positioning	Height-adjustable footrest and multiple harness settings. Folds for storage and travel.

## Resources

The *Emergency Information Form for Children With Special Needs* is available from the AAP and the American College of Emergency Physicians. This form is on the Internet at [www.aap.org/advocacy/emergprep.htm](http://www.aap.org/advocacy/emergprep.htm).

**American Academy of Pediatrics**  
[www.aap.org](http://www.aap.org)

Web site devoted to issues related to wheelchairs.  
[www.wheelchairnet.org](http://www.wheelchairnet.org)

**Medem, an e-health network**  
[www.medem.com](http://www.medem.com)

**Automotive Safety for Children Program  
Riley Hospital for Children**  
575 West Dr, Room 004  
Indianapolis, IN 46202  
317/274-2977  
[www.preventinjury.org](http://www.preventinjury.org)

There may be car safety seats/restraints available that are not listed in this brochure. The products listed here are current only as of the date of publication. Some of the products noted may accommodate children with medical conditions not listed here. Addresses, phone numbers and Web site addresses are as current as possible, but may change at any time.

Suggested retail prices may vary.

The appearance of the name American Academy of Pediatrics (AAP) does not constitute a guarantee or endorsement of the products listed or claims made.

**Easter Seals**  
230 W Monroe, Suite 1800  
Chicago, IL 60606  
800/221-6827  
[www.easter-seals.org](http://www.easter-seals.org)

The information contained in this publication should not be used as a substitute for the medical care and advice of your pediatrician. There may be variations in treatment that your pediatrician may recommend based on individual facts and circumstances.

**National Highway Traffic Safety Administration (NHTSA)**  
Office of Occupant Protection-NTS-13  
400 7th St, NW  
Washington, DC 20590  
888/DASH-2-DOT (888/327-4236)  
[www.nhtsa.dot.gov](http://www.nhtsa.dot.gov)

Although the American Academy of Pediatrics (AAP) is not a testing or standard-setting organization, this guide sets forth the Academy's recommendations based on the peer-reviewed literature available at the time of its publication and sets forth some of the factors that parents should consider before selecting and using a car safety seat or safety restraint.