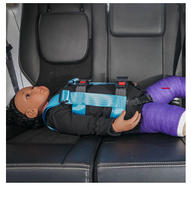
National Center for the Safe Transportation of Children with Special Health Care Needs

Jefferson

Weight: 7.5-40 pounds
Height: 19-37 inches
For children with an omphalocele or children that need yoke harness routing around abdomen. Rear-facing only. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*

Wallenberg

Weight: 5-40 pounds RF, 25-80 pounds FF
Height: Head 1-inch from top RF, Up to 60 inches FF For children in leg, hip, or arm casts. Convertible car seat. Hammock, wedge, and buckle riser for positioning. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*



503 Lay Down Vest

Ages: 1 year and older
Weight: 22-106 pounds
Height: Must fit lengthwise on vehicle bench seat. For children who must travel lying down. Vehicle seat belts route through vest for occupant protection. *(EZ-ON Products, 800-323-6598, ezonpro.com)*

Spirit/Spirit Plus/Spirit Spica

Weight: 25-130 pounds
Height: Up to 66 inches
Additional Accessories include: Incontinence cover,extensor thrust wedge, anti-escape options and seat depth extender. Spirit Plus includes swing away hip and trunk supports, and abductor. Tether required. *(Inspired by Drive, 800-454-6612, inspiredbydrive.com)*

MPS Car Seat

Small: 27-80 pounds, 28-52 inches
Large: 51-130 pounds, 45 inches-adult
(Multi-Positioning Seat) Additional Accessories include: Head rest/back cushion/ seat cushion options. Tether required. FAA approved. *(Special Tomato, 866-529-8407, specialtomato.com)*

Roosevelt

Weight: 35-115 pounds
Height: 33.5-62 inches
Additional Accessories include: EZ-Up headrest system, stay-put pommel, incontinent cover, scoliosis kit, anti-escape options. EZ-Tether/Tether required. FAA approved. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*

Defender Max Reha

Weight: 26.5-65 pounds Height: 27-57 inches
Booster: 40-120 pounds, 43.4-57 inches
Replaces the Defender Reha Combination car seat. Additional Accessories include: Footrest, seat wedge, table/tray, abduction block. Swivel base in booster mode. Lap-and-shoulder belt required in booster mode. FAA approved in harness mode. *(Thomashilfen, 866-870-2122, thomashilfen.us)*

Soft Touch Booster Seat

Small: 51-90 pounds, 40-56 inches
Large: 81-130 pounds, 50-65 inches
Lap-and-shoulder belt required. Lower anchors required. FAA approved. (*Special Tomato, 866-529-8407, specialtomato.com)*

Recaro Monza Nova 2 Reha (Booster)

Discontinued 11/2025

(Thomashilfen, 866-870-2122, thomashilfen.us)

Hercules Small (Booster)

Weight: 40-110.2 pounds
Height: 43.4-59.0 inches
Lap-and-shoulder belt required. Positioning harness only. Additional Accessories include: swivel base (passenger side only), footrest, armrests, lateral trunk supports, leveling and protection cushion. More accessories available. Lower anchors required. *(Thomashilfen, 866-870-2122, thomashilfen.us)*

Carrot 3 (Booster)

Weight: 40-108 pounds
Height: 43.3-59 inches
Lap-and-shoulder belt required. Additional Accessories include: tether strap, support tray, wedge, footrest, seat & backrest extensions, lateral supports, incontinence cover, FAA approved. More accessories available. Lower anchors and Tether required. *(Etac, 844-876-6245, etac.com)*

Hercules Prime (Booster)

Weight: 40-176.4 pounds
Height: 51.1-70.9 inches
Lap-and-shoulder belt required. Additional Accessories include: swivel base (passenger side only), footrest, leveling cushion, lateral trunk supports, abduction block, seat wedge, soft harness strap. More accessories on order form. Lower anchors required. *(Thomashilfen, 866-870-2122, thomashilfen.us)*

NextKid Reha (Booster)

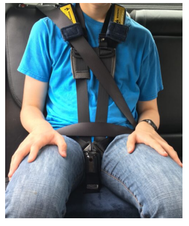
Weight: 40-110.2 pounds
Height: 43.4-59 inches
Lap-and-shoulder belt required. Additional Accessories include: swivel base (passenger side only), footrest, abduction block, More accessories on order form. Lower anchors required. *(Thomashilfen, 866-870-2122, thomashilfen.us)*

Carrot 3 Booster Seat

Weight: 79-165 pounds
Height: 55-69 inches
Lap-and-shoulder belt required. Additional Accessories include tether strap, support tray, wedge, 3D body balance pads, backrest extension, large crotch belt. Lower anchors and Tether required. FAA approved with fixing strap. *(Etac, 844-876-6245, etac.com)*

Churchill Booster with Positioning Vest

Weight: 44-175 pounds
Height: 44-72 inches
Lap-and-shoulder belt required. Additional Accessories include: EZ-Up headrest and cap, hip inflection wedge, hip inflection comfort pommel, stay-put pommel, side release buckles available. LATCH required. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*



Churchill Booster with Positioning Harness

Weight: 44-175 pounds
Height: 44-72 inches
Lap-and-shoulder belt required. Additional Accessories include: EZ-Up headrest, hip inflection wedge, chest clip guard, buckle guard. LATCH required. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*

303 Z Vest/403 PB Vest

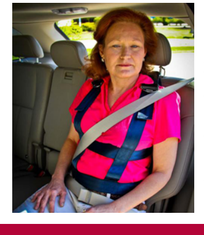
Ages: 2 years and older
Weight: 31 pounds and Up
Lap-and-shoulder belt required with tether mount. Floor mount available 31-168 pounds. Rear zipper closure or Front push button closure. Additional Accessories include: Neck pads, wrist straps, upper arm straps, ankle straps, zipper lock, wheelchair mount. *(EZ-ON Products, 800-323-6598, ezonpro.com)*

MAX PV Vest

Ages: 2 years and older
Weight: 31 pounds and Up
Lap-and-shoulder belt required. Rear Zipper closure. MAX PV mount required & included. Additional Accessories include: Neck pads, wrist straps, upper arm straps, ankle straps. Tether required. *(EZ-ON Products, 800-323-6598, ezonpro.com)*

Chamberlain Vehicle Positioning Vest

Weight: 81-225 pounds
Height: 48 inches until top of ears exceed top of vehicle seat back or headrest
Lap-and-shoulder belt required. Additional Accessories include: EZ-Up headrest, leg straps. LATCH required. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*



Moore Support Vest

Weight: 65 pounds and up
Waist size: 30-36, 38-44, 45-51 inches
Lap-and-shoulder belt required. Tether required. *(Besi Inc, 800-543-8222, besi-inc.com)*

This poster does not imply product endorsement and may not be all inclusive

National Center for the Safe Transportation of Children with Special Health Care Needs

800-543-6227
preventinjury.medicine.iu.edu

FOR MORE INFORMATION CONTACT:
National Center for the Safe Transportation of Children with Special Health Care Needs
800-543-6227
preventinjury.medicine.iu.edu

You can also find a certified child passenger safety technician (CPST) trained in adaptive transportation at cert.safekids.org. Click on "Find a Tech". In the CPS Technician search form, enter your state/location, and make sure to click "Safe Travel for All Children" in the Extra Training Drop Down Box.

AUTOMOTIVE SAFETY PROGRAM

Indiana University School of Medicine

SCHOOL OF MEDICINE
PEDIATRICS

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The National Center for the Safe Transportation of Children with Special Health Care Needs provides much needed education to help parents keep their children safe.

Who are we?

The National Center for the Safe Transportation of Children with Special Health Care Needs serves as a resource for families, health care professionals, transportation providers, and child passenger safety advocates. The National Center is based at the Automotive Safety Program, which has long been considered a leader in the field of transporting children with special health care needs.

Located at the Indiana University School of Medicine, adjacent to Riley Children's Health, the National Center was established in 2004 to address the unique challenges associated with transporting children with special health care needs.

The National Center for the Safe Transportation of Children with Special Health Care Needs is open Monday – Friday, 8:00 a.m. – 5:00 p.m. EST. To contact the National Center, please call 800-543-6227.

To read more about child passenger safety or adaptive transportation, please visit our website at preventinjury.medicine.iu.edu.

What do we do?

The National Center provides the following resources:

- Occupational therapist trained to identify the appropriate conventional car seat or adaptive child restraint for a broad range of health conditions and medical diagnoses.
- A toll-free number (800-543-6227) staffed by child passenger safety technicians experienced in addressing challenges associated with the transportation of children with special health care needs.
- Online information regarding medical diagnoses, potential child restraints, and adaptive transportation resources at preventinjury.medicine.iu.edu.
- An adaptive transportation Facebook group for professionals.
- A hybrid (online/in-person) and two-day in-person training *Safe Travel for All Children: Transporting Children with Special Health Care Needs* course for child passenger safety technicians interested in adaptive transportation.
- Presentations, workshops, educational materials.

Car Beds

AngelRide

Weight: Less than 9 pounds
Height: 21.5 inches or less
For infants who must travel lying down in a car bed. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*

Dream Ride

Weight: 5-20 pounds
Height: 19-26 inches
For infants who must travel lying down in a car bed. Recommended for infants under 1 year of age. *(Dorel Juvenile Group, 800-544-1108, na.doreljuvenile.com)*

Hope Car Bed

Weight: 4.5-35 pounds
Height: Up to 29 inches (longer if legs permitted to bend) For infants who must travel lying down in a car bed. Restraint bags or 3-point harness-both with cummerbund. Additional Accessories include: side-facing restraint bag, leveling straps, and wedge. Spica cut-out available. *(Merritt Car Seat, 317-409-0148, merrittcarseat.com)*

Look inside!

This brochure is a poster of the different adaptive child restraints available today.