Teaching techs about mifold

advanced
compact
portable

mifold
the Grab-and-Go Booster®

Hi guys,

This is Jon, the inventor and CEO of mifold® – **the Grab-and-Go Booster Seat®**. I am a Certified Technician (#T745824) having trained with Joseph Colella when he led a course last year for the mifold employees.

I want to personally thank you for running your CPS training courses. We are passionate about the protection of children in cars and we want to support professionals like you as you train technicians nationwide.

The CPST program has a small section on booster seats. CPST's often show examples of highback, backless or unique models. mifold is so new and so different that we want to help you understand how it works and the valuable role it is already playing in child passenger safety for hundreds of thousands of children and caregivers worldwide.

Please accept this sample mifold Grab-and-Go Booster to help with your upcoming training courses.

We ask that you study the instruction manual that comes with the seat and please watch the instructional videos here: www.mifold.com/instructions. You can even try it with a child or doll.

Here is some background information.

In 2001, I had a vision to create a child car safety seat that was so compact and portable that my four children could keep one with them all the time and be safe, no matter whose car they were in. It took a few years, and now my children are too old for booster seats, so I am delighted that other parents and caregivers are benefitting from the invention.

mifold is more than 10x smaller than a regular booster seat, and just as safe. It has been fully safety tested in testing facilities around the world and meets or exceeds the United States, NHTSA standard FMVSS 213 and the European standard, ECE R44.04.

mifold is the most advanced, compact and portable booster seat ever invented. It is completely different to all other car seats and redefines the way booster seats work and appear; especially the routing of the vehicle seat belt and the size of the seat. Instead of lifting the child to position the adult belt, mifold adapts the belt to the child. The lap belt is designed to be low on the hips and contacting the top of the thighs, which has been shown to be a very safe and effective positioning. The seat is designed to be much smaller than a child's bottom and still be comfortable. Many children already use mifold and they love it.

The simple fact is that today, there are still at least 20% of journeys where children do not have a car seat: in carpools, with grandparents or other relatives, in taxis, on vacations, in rental cars and so on. And this does not include bigger kids on the border of the regulatory limits, who do not want to appear babyish to friends who have already outgrown child restraints.

With mifold there is no longer any excuse. With a compact and portable device, a child can easily keep one with them all the time and drivers can keep spares, without cluttering up a car and losing cabin or luggage space.

With mifold, a child can always be safe no matter whose car they are in ... that was my vision! We hope you love mifold and recognize it as a great alternative when a regular booster seat is not available. That way more children will be protected on more journeys, more of the time.

Best regards

Jon Sumroy | Inventor and CEO

mifold
the Grab-and-Go Booster®

Where to use **mifold?**

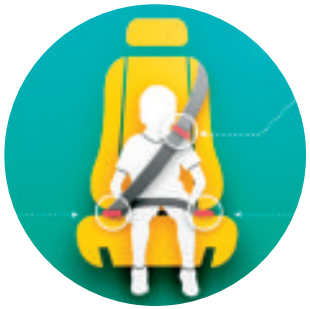
mifold is so small and convenient it can be stored anywhere. Now kids can be safe no matter whose car they are in.

Carpool | 3-in-a-Row | Taxi | Rentals | Grandparents | Travelling | Age 4+ | Big Kids

How is it possible for mifold to be **10x smaller and just as safe***?

a regular booster lifts a child to be in the position of an adult.

on bones of hips



on shoulder, off face and neck

off delicate stomach area

mifold does the exact opposite ... instead of lifting the child up it holds the seatbelt down

*The US version of mifold meets or exceeds NHTSA standards FMVSS 213.
*The EU version of mifold is a Group 2/3 "Universal" child restraint system and it has been approved in accordance with the regulations ECE R44.04.
*The Canadian version of mifold meets the RSSR regulations in Canada.

Advanced | Compact | Portable

mifold
the Grab-and-Go Booster®

What is **mifold**

mifold is the *Grab-and-go booster*, the most advanced, compact and portable booster seat ever. It is more than 10x smaller than a regular booster and just as safe*.

Our booster provides the safety of a traditional booster seat, while its revolutionary compact design makes your family more mobile and ready for anything: school carpool, weekday outings, weekend trips and holidays.

Features

- **10x**: mifold is more than 10x smaller than a regular booster and it's just as safe*.
- **Different ages**: mifold is engineered to protect children from the age of 4 all the way up to 12.
- **Fold**: mifold is already small and then it folds in half, mifold is so compact you can store one almost anywhere.
- **Portable**: mifold is the most advanced, compact, and portable booster seat ever invented.

Material:
- Bottom Base: Aircraft grade aluminum: aluminum 6061-T6
- Belt Guides: Delrin® 100 ST: super tough plastic polymer made by Dupont™
- Colored Shells: Polypropylene

Comfortable: Supportive DenseFoam™ with unique FrictionFabric™. This comfortable seat prevents slipping, stays cool even on hot days and is easy to clean.

Adjustable: mifold can be adjusted to securely restrain all children. Lap Belt guides have three adjustments.

FAST: Quick Clip™ allows quick, easy and accurate adjustment for children of all sizes as well as simple one-handed use, without having to look.

Advanced Engineering: Built using SuperTough™ plastic polymers and aircraft grade aluminium, mifold is mighty small and mighty strong.

Durable: Hard, outer case protects mifold while keeping the seat cushion clean.

*The US version of mifold meets or exceeds NHTSA standards FMVSS 213.
*The EU version of mifold is a Group 2/3 "Universal" child restraint system and it has been approved in accordance with the regulations ECE R44.04.
*The Canadian version of mifold meets the RSSR regulations in Canada.

mifold
the Grab-and-Go Booster®

Who can use **mifold**?

mifold	EU	USA	CAN
AGE RANGE	4+	4+	4+
WEIGHT	15-36kgs	40-100lbs	18-45kgs
HEIGHT	up to 150 centimeters	40-57 inches	102-145 centimeters

mifold is safety tested and meets or exceeds the following Regulations:

- USA: FMVSS 213 standards
- Canada: RSSR Regulations
- EU: ECE R44.04

This innovative product is protected by various patents and design registrations. U.S. Pat. No. 9,376,088 and other patents pending.

Final Checklist

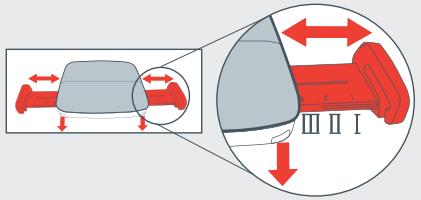
- ✓ **Be sure that the child using mifold is the appropriate age and weight**
  - If a child is not developmentally ready to sit still in a booster, that child would be better protected in a high-weight harness child restraint.
- ✓ **The mifold and the child's back should both be touching the vehicle seat back**
- ✓ **Vehicle lap belt must be low on hips and contacting thighs**
  - Thread the lap belt through BOTH lap belt guides
  - The lap belt guides should be adjusted into the position nearest to, but not touching the side of the childs thighs
  - Press the release buttons to move the lap belt guides inwards and outwards.
  - If the lap belt falls into a position too far forward on the child, the child or the caregiver should manually move the belt so it is in-line with the lap belt guides
- ✓ **Vehicle shoulder belt must be centered on the child's shoulder**
  - Pull up on vehicle shoulder belt to remove slack from lap portion of vehicle seat
  - Be sure that the shoulder belt guide strap is behind child's back
  - Adjust the position of the shoulder belt guide to at least 1 inch (25mm) above the top of child's shoulder
- ✓ **mifold does not recommend switching the retractor in the locking mode**

* Read and follow ALL instructions that come with the mifold. If you have any questions, visit www.mifold.com for instructions, videos and customer service

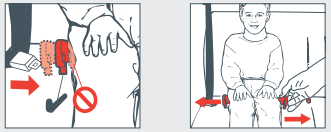
How to use **mifold**?

Read and follow all the instructions and information in the instruction manual, on the product labels, and in the vehicle owner's manual for Booster Seats and vehicle seat belt use. The following is just a summary of how to use a mifold. **To view mifold instructional video installation guide visit: https://mifold.com/instructions**

1 The lap belt guides have three adjustment positions numbers I, II and III.



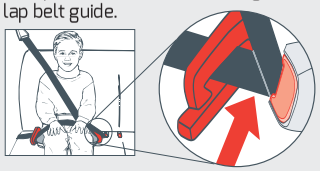
2 Pull the lap belt guides wide open to position III. With the child seated on the boosted seat, slide the lap belt guides into the position nearest to, but not touching, child's thighs.



3 Pull up on vehicle shoulder belt to remove slack from lap portion of vehicle seat belt and snugly adjust lap belt around child.

Check that vehicle lap belt is low on hips and contacting thighs.

4 Vehicle lap belt MUST be through lap belt guides on both sides of seat. DO NOT place shoulder belt through EITHER lap belt guide.

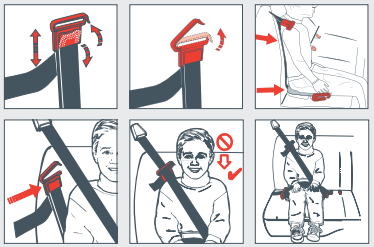


5 **ADJUST POSITION OF THE SHOULDER BELT GUIDE:**

1. Release shoulder belt guide strap
2. Slide shoulder belt guide into position
3. Then press down on the shoulder belt guide adjustment clip to lock in place.

Place shoulder belt guide strap behind child's back.

Adjust the position of the shoulder belt guide so shoulder belt slot is approximately 1" (25 mm) above top of child's shoulder.



6 **REMOVING THE LAP BELT**

Slide the lap portion of seat belt out on buckle side:

1. Hold seat belt with two hands on either side of the belt guide
2. Slide the belt back, down and out
3. The belt will easily move past the retaining hook and slide out

mifold regulatory approval

WHAT ARE THE LEGAL STANDARDS FOR CHILD RESTRAINT SYSTEMS?

The mifold Grab-and-Go booster seat is designed to conform to the most universally accepted global car booster seat regulations, specifically:
European Union ECE R44/04; FMVSS 213 in the United States, and the RSSR regulations in Canada.
Carfoldio Ltd., (the Company that manufactures mifold) has conducted comprehensive test programs in test facilities certified for each of these standards to confirm compliance with each of these regulations.

Carfoldio is dedicated to providing high quality products utilizing premium raw materials and detailed quality assurance procedures. We perform rigid quality control testing both internally and we test the final product at testing facilities certified for each of the regulations to verify initial and on-going compliance. Carfoldio is committed to providing our customers with a mifold Grab-and-Go booster seat that is high quality, functional, and portable that meets the needs of active families.
Based on our comprehensive testing of the product, Carfoldio has verified and can certify that testing of mifold has been completed successfully with all tests yielding results that either meet or exceed the requirements of the applicable regulation FMVSS 213 and ECE R 44/04.
As part of our Quality Assurance program, we are committed to a schedule of on-going product testing to ensure that all mifold® Booster Seats are manufactured to our specifications and meet all of the regulatory requirements of FMVSS 213 and ECE R 44/04.

European Union

It is mandatory to use child car seats within the EU for all children up to a height of 1.35m or 1.50m – depending on the rules applicable in each member state.

There are currently two legal standards for child car seats in Europe:

1. **ECE R44/04**
   ECE R44 is a regulation that covers child restraint systems from Group 0 for new-born infants to Group 3 for booster car seats for children up to 36 kg (80 lbs.)
2. **ECE R129**
   ECE R129 (also known as i-Size) is a new standard for group 0/0+/1 seats that are necessary for smaller children

What type of seat is mifold?

The mifold Grab-and-Go booster seat is a Group 2/3 "Universal" child restraint system which means that the mifold can be used in most vehicles. It has been approved in accordance with European regulation ECE R44.04.
The mifold Grab-and-Go booster seat is covered by ECE R44/04. To meet ECE R44/04 approval car seats are tested in frontal collisions at 50km/h using crash test P-dummies and advanced measuring instruments designed to assess the levels of protection each seat offers. ECE R44/04 approved seats can all be identified by their orange approval label.

The ECE R44/04 mifold approval label

(A) Name of product manufacturer.

(B) Your seat meets the European Safety Standard ECE R44. Note the last two digits: these should end in 04 (latest version).

(C) There are 3 types of car seat approval: universal, semi-universal and vehicle specific. 'Universal' means your seat is approved for installation in all cars, and is likely to fit if the vehicle manufacturer states that the vehicle approval specifies suitability for "Universal" child restraint systems.

(D) Approval for weight (group).

(E) Group indicator: Group 2/3 are forward-facing booster seats that work with a 3-point static or retractable adult seat belt restraint.

(F) European approval authority.

(G) The number indicates the country in which the approval was granted.

(H) Homologation number. The first two numbers (04) show to which version the child seat has been approved, in this case ECE R 44/04.

(I) Unique serial number allocated to each mifold produced.

United States of America

The National Highway Traffic Safety Administration (NHTSA) defines the Federal Motor Vehicle Safety Standards (FMVSS). FMVSS 213 governs the performance and some design criteria for child restraint systems made for children who weigh up to 80 pounds.
Carfoldio must certify that the mifold Grab-and-Go booster seats sold in the USA meet Federal Motor Vehicle Standards FMVSS 213 Chid Restraint Systems. Carfoldio tests the mifold to provide that certification and the National Highway Traffic Safety Administration (NHTSA) performs annual compliance testing to verify that this certification is accurate.

This child restraint system conforms to all applicable Federal Motor Vehicle Safety Standards. For use in motor vehicles.
This Restraint is NOT certified for use in Aircraft.
Este sistema de sujeción infantil cumple con todas las Normas Federales de Seguridad Para Vehículos Motorizados correspondientes. Para uso en vehículos motorizados.
Este Sistema de Sujeción NO está certificado para ser Usado en Aviones.

The FMVSS 213 mifold approval label

As required by NHTSA regulations, the label states:
This child restraint system conforms to all applicable Federal Motor Vehicle Safety Standards. For use in motor vehicles. This restraint is NOT certified for use in the aircraft.

Canada

Transport Canada defines the Motor Vehicle Restraint Systems and Booster Seats Safety Regulations (RSSR).
The RSSR governs the performance and some design criteria for child restraint systems made for children who weigh up to 65 pounds.
Carfoldio must certify that the mifold Grab-and-Go booster seats sold in Canada meet the RSSR regulations. Carfoldio tests the mifold to provide that certification and Transport Canada performs annual compliance testing to verify that this certification is accurate.

mifold
the Grab-and-Go Booster®

Notes

Notes

mifold

the Grab-and-Go Booster®

Thank You
Have a Safe Journey

www.**mifold**.com | cpsi@mifold.com