

IMMI®, based in Westfield, Ind., is the largest child seating safety components manufacturer in the world and has been the industry leader in child and bus passenger protection for more than 30 years. Utilizing a modern crash-test facility, sophisticated engineering and advanced manufacturing operations, IMMI develops and supplies innovative, proven **SafeGuard®** restraint systems and seating solutions for customers worldwide.



DEVELOPMENT

IMMI offers engineering and testing expertise to aid child seating manufacturers in developing innovative systems that bring the best in car seat technology to today's parents. Skilled engineers at IMMI work together with OEM engineers to assist with conceptual designs, develop advanced restraint systems that meet their ease of use requirements, and conduct testing to prove the performance of their products.



VHS Hydraulic Sled



VMS Bending Band Sled



Rollover Test

TESTING

Following are testing services offered to child seating manufacturers.

- Development testing
- Durability testing
- Sled testing / motion analysis
- 22 child ATDs (including HIII 10 yo)
- Third party compliance testing to FMVSS 213, CMVSS 213, ECE R-44, and AS 1754
- Vehicle side impact testing per FMVSS 214

safeguardseat.com

1.877.447.2305

SafeGuard® Advanced Restraint Systems

IMMI supports leading child car seat manufacturers with SafeGuard-branded safety components and advanced restraint systems that make car seats easy to install and easy to use, giving parents the confidence that their children will travel SafeGuard Secure™.





HARNESSES SYSTEMS

SafeGuard 5-point harness systems include buckles, central adjusters, harness chest clips, T-bars and slides. Harness systems come in multiple designs and meet all applicable worldwide safety standards, including FMVSS 213, CMVSS 213, ECE R-44 and AS1754.

For more than 30 years, IMMI has been working with car seat manufacturers to provide innovative, easy-to-use harnesses and LATCH attachment systems that give parents the confidence that the child seat they've purchased meets the highest standards.

SafeGuard advanced restraint systems and safety components are engineered to address misuse by making car seats more practical for parents on the go.

When car seat manufacturers choose SafeGuard products, it shows in their NHTSA ease of use ratings. Ratings improve when the child is easily secured in the harness, the seat is easily connected to the vehicle, and the user is clearly instructed by labels and product instructions.



Buckles

Child seat buckles from IMMI offer the latest in buckle technology and are designed to withstand the higher forces imposed by today's child car seats.



Central Adjusters

IMMI invented the A-Lok® central adjuster more than 25 years ago and has sold more adjusters than any other company in the industry. Designed to operate with one hand, central adjusters enhance the ease of use of SafeGuard harness systems.



Retractors

Retractors, available for both child and infant seats, quickly and easily tighten the car seat with a small amount of pressure.



Harness Chest Clips

SafeGuard harness chest clips provide a secure fit, with several options available for branding and/or instruction. Standard two-piece or one-piece belt-positioning clips are available.



Top Tether Systems

SafeGuard top tether systems include tether adjusters, webbing, snap hooks, top tether slack indicators and adjuster/hook combos and are designed to be more robust and easier to use than tilt lock adjusters.



T-Bars and Slides

Numerous options are available to connect and secure harness systems.



Lower LATCH Attachments

SafeGuard MiniConnectors fasten to the vehicle's lower LATCH anchors in seconds with an audible click, and are released easily with the push of a button. A wide variety of snap hook styles are available as well.

LATCH SYSTEMS

Combining strength and user-friendliness, the SafeGuard line of LATCH attachments and systems make car seat installation and removal easy.