

FOUR-EVER IN MOTION

The development of a patented integrated adjustable transportation seat technology – designed to prevent and reduce child passenger injuries and fatalities.



PASSENGER VEHICLE INTEGRATION OVERVIEW & PROSPECTUS

V3-2017

Protected by US Patent
20130285427/US 8807650

TABLE OF CONTENTS

- Key Aspects of the Technology
- Manufacturer Benefits
- General Seat Components Diagram
- Default Settings Diagram
- Infant Carrier Seat Settings Diagram
- Toddler Seat Settings Diagram
- Child 4+ Years Settings Diagram
- Software, User Interface
- Contact and Credentials

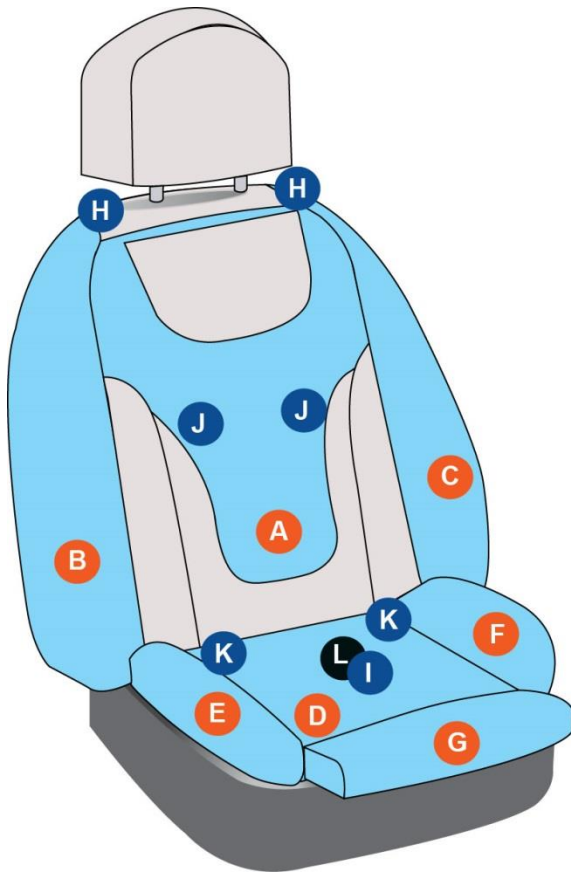
KEY ASPECTS OF THE TECHNOLOGY

- Protected by US Patent 20130285427/US 8807650
- Marketed to all modes of transportation with a concentration in new vehicle manufacturers. Moving vehicle seat parts provide a unique customization that accommodates children across all growth stages.
- Primary purpose of the seat technology is to reduce preventable child injuries and fatalities during transportation in vehicles.
- Utility patent allows for vehicle seat manufacturers to have flexibility in seat design while the general “moveable seat parts” concept is enforced.
- Multiple seats equipped with the technology can be installed side-by-side.
- Seat technology software system that is accessed through the infotainment user interface provides controls for seat adjustment.
- Child Passenger Safety
 - Reducing the number of human errors when securing a child in vehicle.
 - Seat controls use a height and weight factor to determine optimal settings for child.
 - Concept is developed by a nationally certified Child Passenger Safety Technician.
- Affordability is within reach. New vehicle leases continue to rise and choosing the seat technology upgrade is a low barrier cost to lessees.
- This technology can also accommodate special needs scenarios.

MANUFACTURER BENEFITS

- Seat manufacturers can partner with FOUR-EVER IN MOTION in furthering the efforts in integrating this patented seat technology into vehicles and other modes of transportation as applicable including airlines.
- Several options are available including licensing the technology.
- The technology does not introduce any new or proprietary parts. The main differentiation as outlined in the utility patent are the seat's moving components, which combined with passenger safety laws and regulations, provide an exceptional solution for customers.
- The functions and integration of the seat technology within a vehicle do not interfere with or compromise a car maker's overall interior design.
- While the mission of FOUR-EVER IN MOTION is to make safer seating options affordable to all consumers, the most feasible entry into the market is forecasted to be within vans and SUVs.
- Lease or Buy Optional Upgrade Scenario if the seat upgrade was, for example purposes only, set at a cost of \$3,000:
 - For a \$40,000 vehicle, the upgrade would yield a 4% increase in the monthly payment.
 - For a \$70,000 vehicle, the upgrade would yield a 2.7% increase in the monthly payment.
- **PROFITABILITY**
 - The seat technology is deemed to be a favorable upgrade option for customers with children who currently use removable car seats.
 - Marketing an enhanced safety feature is viewed differently, more as a necessity, than other upgrades which are for aesthetic or experiential purposes only.

GENERAL SEAT COMPONENTS



The moving seat parts are run by servo motors which can be placed at the discretion of the seat manufacturer.

The seat settings will be controlled by the software that is integrated into the infotainment system.

- Moveable Seat Component
- Non-moving Seat Component

Seat Components Labels



- A. Back Center
- B. Back Right Bolster
- C. Back Left Bolster
- D. Center Bottom Cushion
- E. Bottom Right Bolster
- F. Bottom Left Bolster
- G. Bottom Front Bolster (optional)
- H. 5-Point Harness Seat Belts
- I. 5-Point Harness Bottom Buckle
- J. 5-Point Harness Slots
- K. 5-Point Harness Clip-in Points
- L. Detection Sensor

DEFAULT SETTINGS



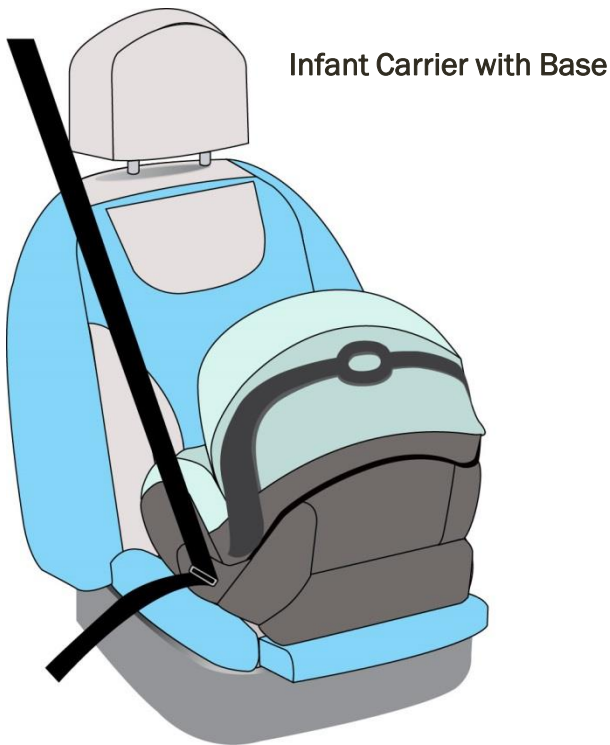
The seat incorporates the standard functions of a passenger vehicle seat with the adjustable reclining feature.



Additional seat upgrades can be integrated by the manufacturer including seat warmers, lumbar adjustments etc.

-  Moveable Seat Component
-  Non-moving Seat Component

INFANT CARRIER SEAT SETTINGS

The infant carrier seat setting has three possible variations. Research indicates that infant carrier bases are designed with larger footprints in today's market versus carriers designed a few years ago. The car seat technology can accommodate both carriers with and without a base. When using a carrier without a base, the Front Bolster can optionally be set to "fold up" by a varying degree to further secure the carrier if carrier size permits.



-  Moveable Seat Component
-  Non-moving Seat Component

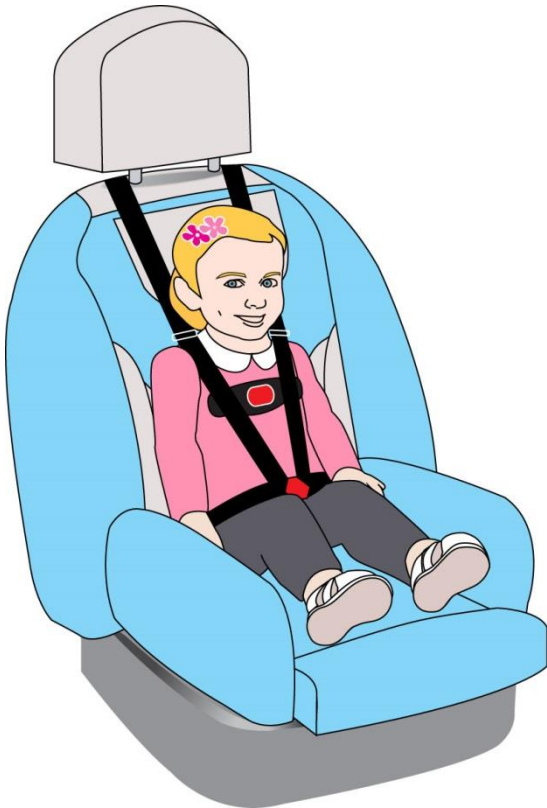
Front (optional), Left and Right seat bottom bolsters adjust to secure and cradle the carrier without the base.



The recommendation is to manufacture the seat with the adjustable Front Bolster to provide the option to customers.

The height/weight input will not be necessary for infant carrier settings. Rather, the infant carrier will have presets.

TODDLER SEAT SETTINGS

For toddlers, the five-point harness is integrated into the seat back. Two seat belts using automatic locking retractors (ALR) will be used and accessible from the top of the seat back as indicated on the diagram below.



-  Moveable Seat Component
-  Non-moving Seat Component

The Back Center will angle 30-degrees back to prevent the toddler's head from hanging forward when sleeping.

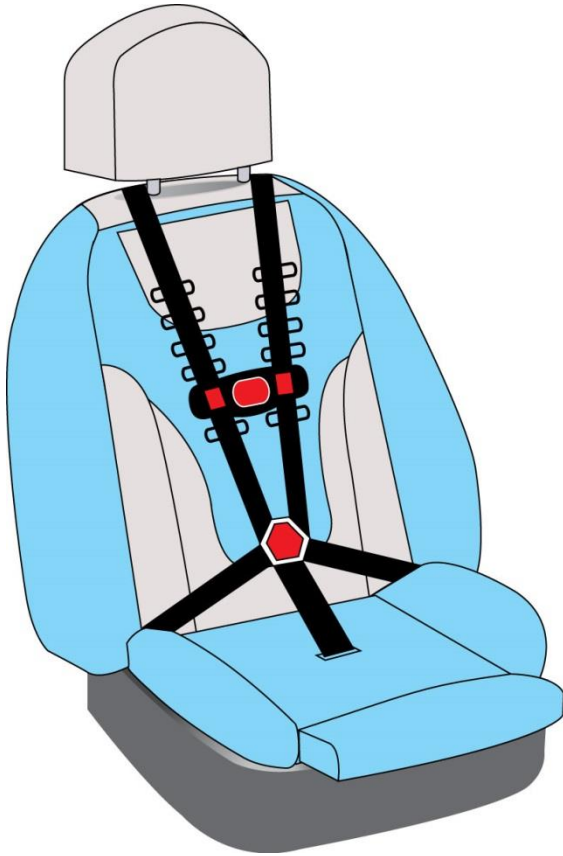
The Back Right and Left Bolsters will move forward a maximum 6" and inward (amount of movement TBD by manufacturer) to provide a more proper seat back width. This movement coupled with the Bottom Right and Left Bolsters' upward movement combines to minimize potential injuries sustained from side-to-side motions in the event of an accident.



The Center Bottom Cushion will move up a maximum of four inches. When the bottom cushion seat belt buckle and strap is not in use, it rests in a compartment that is covered by a fold-over flap.

*No persons shall be in the seat during its movement

TODDLER SEAT SETTINGS

For toddlers, the five-point harness is integrated into the seat back.



-  Moveable Seat Component
-  Non-moving Seat Component

When not in use, the five-point harness will be retracted.

Two rows of harness slots, made of steel plates on the seat frame, will be located in the approximate location on the diagram. Manual adjustments to the seat belt harness is achieved by using one of the several slots available – which are ordinarily recessed 3/8” when not in use and accessed for use by gently pushing down on the seat to reveal each slot.



There is a three-buckle connection point that will have an indicator to signal when the connection points have been properly secured.

It is recommended to remain using the 5-point harness for the child until the harness slots no longer apply.

CHILD SEAT SETTINGS

For children who no longer require a five-point harness during vehicle travel, all further seat settings for the child will use the traditional adult passenger seat belt.



-  Moveable Seat Component
-  Non-moving Seat Component

To reduce human error in achieving the optimal seat settings for a child, the software accessed on the infotainment system user interface will have a height and weight manual input that will yield the best seat setting.*

Parts of the seat that may move to accommodate the child are: Center Bottom Cushion may move up a maximum of four inches, Bottom Right and Left Bolsters may move up a maximum of four inches.

The illustration serves only as a general representation of the seat's features for children who no longer use a 5-point harness. The seat's main objective is to ensure that its configuration places the seatbelt appropriately between the child's neck and shoulder.

*No persons shall be in the seat during its movement

SOFTWARE / USER INTERFACE

It is recommended to install the seat software into a vehicle's infotainment center, which provides easy access for the user as it serves as a central place for many of the vehicle's comfort functions.



The software is programmed with a preset infant setting for infant carriers that can be secured by raising the front bottom bolster.

The software's unique height and weight factor calculator yields the most optimal seat setting per the inputted data.

The software is also directly linked to the seat sensor that notifies the driver when a child is accidentally left in a non-operating vehicle.

This software can be updated as needed.

*No persons shall be in the seat during its movement

CONTACT & CREDENTIALS

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Lenard Ascher is a nationally certified Child Passenger Safety Technician (#747326).

CPS technicians and instructors put their knowledge to work by conducting child safety seat checks, where parents and caregivers receive hands-on assistance for proper use of child restraint systems and safety belts. These dedicated technicians offer education, support and guidance in all 50 states, the District of Columbia and U.S. territories. The U.S. CPS certification program is widely considered to be the gold standard across the globe.

MARKETING/PUBLIC RELATIONS

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