

2011 Advances in Child Passenger Safety Technology

ND Video Conference
September 16, 2011



1961 - 2011 | Celebrating 50 Years



Background

- 3 years with IMMI
- One of the largest suppliers to CRS industry
- Call on every major U.S. CRS Mfg.
- CPST for three years
- Passionate about safety
- Unique perspective
- Full Disclosure



Agenda

- New Advancements in CPS
 - Infant Seats
 - Higher weight seats
 - Booster seats
- Upcoming Technology
 - Components
 - iPhone App
- Sources
 - Many CRS Manufacturers
 - Carseatblog.com
 - Saferideneews.com



What year was the first US child car seat produced (Ford Tot-Guard)?

- A. 1964
- B. 1968
- C. 1970
- D. 1972





What year Chevy Impala was the FMVSS 213 bench based off of?

- A. 1967
- B. 1971
- C. 1974
- D. 1979



What year did NHTSA first adopt FMVSS 213 for child seating?

- A. 1967
- B. 1971
- C. 1974
- D. 1979



Advancements in Infant Seats

- 1Adjust
- Summer Infant
 - 1Adjust
 - Smart Screen
 - Belt Tightening System



1Adjust™ Advanced Harness System

- One operation tightens harness and adjusts height **at the same time!**
- Shoulder height adjuster travels in a track
- Enables parent to quickly achieve the best fit every time



Summer Infant 1Adjust System



Summer Infant Prodigy



Summer Infant Belt Tightening



What year did the first state car seat law go into effect (Tennessee)?

- A. 1974
- B. 1976
- C. 1977
- D. 1979



What year did the 1st phase of LATCH requirements go into effect?

- A. 1985
- B. 1989
- C. 1993
- D. 1999



Advancements in larger seats

- 1Adjust in Axon Seat
- Graco Smart Seat
- Safety 1st Rumi and Essential Air
- Britax Safe Cell Technology
- Orbit Baby G2 and Toddler Seat



Axon Kids in Sweden



Forward Facing Level to Ground

- Safety 1st Rumi or Essential Air Booster Seat
- Forward Facing level to ground line.
- On label and in Instruction Book



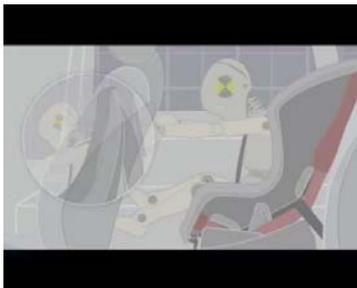
Graco Smart Seat



Britax Safe Cell Technology



Britax Safe Cell Technology



Orbit Baby goes to new heights (and weights)

orbitbaby Infant Car Seat G2	orbitbaby Toddler Car Seat
weight rating updated to 30 lbs height rating updated to 32 in	weight rating updated to 65 lbs height rating updated to 50 in

Infant Car Seat G2 (Model No. G2000220) | Booster Seat (Model No. G2000220) | Toddler Car Seat (Model No. G2000220)

What year were the first CPS Techs and Instructors Certified?

- A. 1995
- B. 1997
- C. 1999
- D. 2000

What year was the first booster seat law passed in USA (actually Washington)?

- A. 1997
- B. 1999
- C. 2000
- D. 2002

Advancements in Booster Seats

- Britax Parkway
 - Unattended Booster Tether
- Compass B570
 - Unattended Booster Tether
 - Should height adjuster



Britax Parkway Isoflex LATCH



Britax Parkway Isoflex LATCH



Compass 570



Compass B570

- 3-point shoulder adjustments



What year was the 2011 LATCH Manual Printed?

- A. 2008
- B. 2009
- C. 2011
- D. 2013



Advancements in Technology

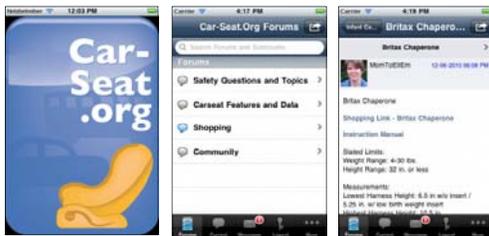
- Indicators
- Buckles
- Top Tethers
- Mini-Connectors
- iPhone App.



component indicators



iPhone Application



Your humble presenter was _____?

- A. Excellent
- B. Good
- C. OK
- D. Bad



Questions