

New Vehicle Safety Systems

Child Passenger Safety
Technician Workshop
Inter-Active Video Conference
April 22, 2008
Dawn Mayer



Airbag Safety



- Advanced Frontal Air Bags
1st , 2nd and 3rd generations
- Side-Impact Air Bags
tubular, seat mounted, door mounted and combo
- Rollover Airbags
“curtains” to protect head and prevent ejection

General Recommendations About Airbags

- Rear-facing seats are never an option in front of active airbags
- 12 and younger in the back
- What if.....?
- SABs –
- Read the owners manual



Rural Roads Safety

- Rollovers – 75% occur in rural areas
Vehicle goes off road and strikes embankment, ditch or soft soil
- New technology – car will alert you

Variable Ride-Height and Electronic Stability Control

Variable Ride-Height-

Raises and lowers ride height of car while in motion, reduces likelihood of rollover

Electronic Stability Control-

Automatic braking of individual wheels, helps driver maintain control

Buying a Safer Car 2008

- Government Safety Tests

- Five Star Rating

- Frontal crashes

- 35mph, head-on collision w/ same vehicles

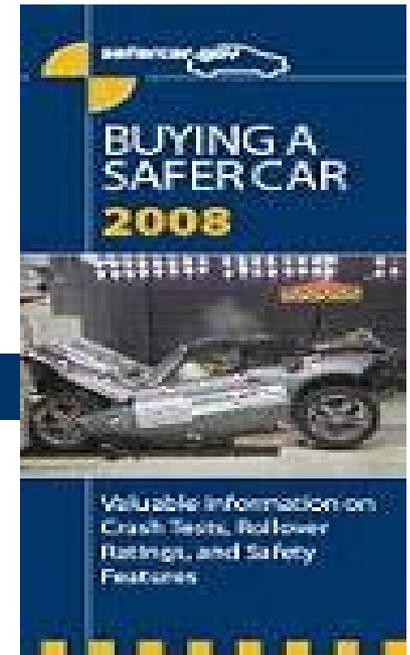
- Side-impact tests

- 38.5mph, intersection collision (t-bone)

- Rollover tests

- Single vehicle crash, top heavy measured, driving maneuver test

Side airbags and safety features also tested



Lifesaver's Conference

- Other new technologies
 - Backing up sensors
 - Sensor
 - Camera
 - Cruise Control

For more information...

www.safercar.gov



Websites to checkout...

Safety Belt Safe

<http://www.carseat.org/>

Automotive Safety Program

<http://www.preventinjury.org/>