

# BUYING A SAFER CAR FOR CHILD PASSENGERS **2005**





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# BUYING A SAFER CAR FOR CHILD PASSENGERS

## 2005

*Buying a Safer Car for Child Passengers* is designed to help you make an informed decision when buying a new car for your family. The brochure includes information on safety features and designs specific to child passengers. It also includes safety tips, guidelines from the Federal Government, plus a “Family Car Checklist” to take along when you shop for your next vehicle.

This brochure is a companion piece to the *Buying a Safer Car* brochure, which contains a full range of safety feature information, crash tests, and rollover resistance results on cars, light trucks, SUVs and vans. To view the *Buying a Safer Car* brochure or to order a copy, visit [www.safercar.gov](http://www.safercar.gov).

### FREQUENTLY ASKED QUESTIONS

**Q** Is the back seat the safest place for my child?

**A** Yes, children 12 years and under should be properly restrained in the back seat of the vehicle. It is estimated that children are 26-percent less likely to be fatally injured in a crash if seated in the rear seat of a passenger vehicle.

**Q** What if I have no choice but to place a child under 12 in the front seat?

**A** There may be occasions when a parent or caregiver has no other option than to place a child other than an infant in a rear-facing child safety seat in the right front seat, for example:

- In a pickup truck with insufficient or no available rear seat, or

- If a parent is transporting too many children for all to ride in the back, or
- When transporting a child with a medical condition that requires monitoring and another adult is not available.

**In the event there is no available rear seat** and parents have **no other option** than to place a child other than an infant in a rear-facing child safety seat in a front passenger seating position, take these steps:

1. Ensure the child is properly restrained,
2. Move the seat as far back as possible,
3. Make sure the child is not leaning out of position, and
4. Set the air bag ON-OFF switch, if available, to the OFF position.

When faced with having to choose which child other than an infant in a rear-facing child safety seat to place in front of an air bag in the front seat, select the child that can most be relied upon to remain in a proper seating position. This may not necessarily be the oldest child, but the child who is restrained at all times.

***Remember: Infants in rear-facing child safety seats must NEVER ride in the front seat of a vehicle with an active front passenger air bag.***

**Q** Based on the age and size and my child, what is the most appropriate restraint?

**A** Refer to the Age, Size & Weight Chart on page ii to help you choose the child restraint system that is correct for the age, size and weight of your child.

**Q** When should your child use a booster seat?

**A** All children who have outgrown child safety seats should be properly restrained in booster seats until they are at least 8 years old, unless they are 4'9" or taller.

When used correctly, booster seats can help prevent injury to older children by making adult-sized safety belts fit better. The adult lap and shoulder belt should fit the child snugly, with the lap belt lying flat across the upper thigh area, and the shoulder belt crossing the chest, resting against the middle of the child's shoulder.

**Q** What could happen if my child doesn't use a booster seat?

**A** Without a booster seat:

- The lap belt can ride up over the child's stomach and cause serious internal injuries in a crash.
- The shoulder belts may be uncomfortably high, leading to misuse if children put the safety belts behind their backs or under their arms. These misuses can cause very serious internal injuries.

*Regardless of weight, height, or age, all children 12 years and younger should be properly restrained in the back seat. Always read the child safety seat or booster seat manufacturer's instructions, as well as the vehicle owner's manual before installing a child safety seat.*

**Q** Will the vehicle safety belt system meet the needs of my children?

**A** Correct safety belt use for all vehicle occupants should be the rule in your vehicle. Children who have outgrown child safety seats and booster seats should be able to fit the adult belt system correctly.

- The **lap belt** should fit low over the child's upper thighs when he or she is sitting straight against the vehicle seat back. The child's knees should bend naturally and comfortably over the edge of the vehicle seat.

- The **shoulder belt** should stay on the shoulder and lie against the child's chest. Never put the shoulder belt under the arm or behind the child's back.
- All children who have outgrown child safety seats should be properly restrained in booster seats until they are at least 8 years old, unless they are 4'9" or taller.
- A **lap-only belt** (without a shoulder belt) should be used to restrain a child only if no other safety belt system is available. If you must transport several children in a vehicle that has a lap-only belt in the middle rear seat, and one of the children is in a rear-facing or a convertible/toddler child safety seat, follow these guidelines:
  - Have the older children use the lap and shoulder belts.
  - Put the child riding in a child safety seat in the middle.
  - Secure the child safety seat with the lap-only belt.

Read the vehicle owner's manual to be sure you understand how to use the seat belt correctly.

**Q** Is it safe to use the child safety seat after it has been in a crash?

**A** NHTSA recommends that child safety seats be replaced following a moderate or severe crash. **Do not automatically replace** the child safety seat **following a minor crash** if the following criteria are met:

- The vehicle could be driven away from the crash site.
- The vehicle door nearest the safety seat was undamaged.
- There were no injuries to any of the vehicle occupants.

- The air bags (if present) did not deploy; AND
- There is no visible damage to the child safety seat.

*Be a role model – Always buckle up*

**Q Which vehicles have the Lower Anchors and Tethers for Children (LATCH) system?**

**A** Since September 2000, all new passenger vehicles (except most convertibles) have been equipped with the top tether anchors. All vehicles manufactured after September 1, 2002, are equipped with the lower anchors. Although convertible vehicles are exempt from tether anchor requirements, some manufacturers offer them as a safety enhancement. Check your owner's manual or contact the manufacturer to see if your older vehicle is equipped with tether anchors or has pre-drilled points where tether anchors can be installed.

**Q What if my vehicle is not LATCH-equipped?**

**A** Any child safety seat, even one with LATCH, can be installed using the vehicle safety belt and, if available, a top tether. Be sure to follow the vehicle owner's manual and child safety seat instructions.

**Q What about side air bags (SABs)?**

**A** Side air bag technology designed to help protect your head and/or chest in the event of a serious side crash has advanced rapidly in recent years and various types of side air bags have emerged. There are three main types of side air bags: chest (or torso) side air bags, head side air bags and head/chest combination (or "combo") side air bags.

A group of experts representing the automotive and insurance industries and known as the Technical Working Group (TWG) has developed volun-



tary SAB testing procedures to minimize the potential risk of SAB-related injuries for occupants, especially children, who are seated very close (called “out-of-position”) to a deploying SAB.

Remember:

- ALL children should use a safety restraint appropriate for their age and size (this could be a safety seat, booster seat or adult safety belt).
- Children 12 and younger are safest sitting in the rear seat properly restrained.
- To minimize injury risks, NHTSA recommends that children not lean or rest against chest-only or head/chest combination SABs.
- NHTSA has not seen any indication of risks to children from current roof-mounted head SABs.

You should read the owner’s manual or contact your manufacturer for specific information about how the side air bag system in your vehicle works in the event of a crash. Visit [www.safercar.gov/airbags](http://www.safercar.gov/airbags) for more detail on SABs and children. NHTSA also provides more detailed information in a searchable SAB database at [www.safercar.gov](http://www.safercar.gov).

### **Q** What about advanced (frontal) air bags?

**A** Advanced air bag systems are a next-generation frontal air bag system designed to further reduce the likelihood of serious injury or death to occupants, both adults and children, who may be too close to the air bag when it deploys. Most advanced air bag systems use sensors that can automatically detect the severity of the crash, the occupant’s size, safety belt use, and/or seating position, and deploy the appropriate level of power to the driver and passenger frontal air bags.

Talk with the dealer or review the vehicle owner's manual to learn about the specific features and sensor technologies in use as part of the advanced air bag system.

***Remember: Children are safest when properly restrained in the back seat, whether or not the vehicle has an air bag.***

## **SAFETY FEATURES FOR CHILD PASSENGERS**

Safety is one of the most important considerations when buying a family vehicle. Manufacturers offer many safety features you should look for to transport children safely. The charts beginning on page 16 include model year 2005 vehicles that have one or more of the following features:

- Manual Air Bag ON-OFF Switch
- Rear Center Lap and Shoulder Belts
- Adjustable Upper Belts (Rear)

### **Manual Air Bag On-Off Switch**

Vehicles with no rear seat, or a rear seat that is not appropriate for a child safety seat, may have a switch that lets the driver control the front-seat passenger air bag. The switch has a warning light that must be clearly visible to all front-seat passengers to let them know when the air bag has been turned off. A rear-facing child safety seat should NEVER be placed in the front seat of a vehicle equipped with an active passenger air bag. Infants and children can be seriously injured — or even killed — if the air bag inflates.

***Refer to the your owner's manual for information on the correct use of the air bag ON-OFF switch.***

There are some people who should not be exposed to an inflating air bag. If you can certify that you or someone else who uses your vehicle would be at risk

if the air bag inflates, you can have an ON-OFF switch installed in your vehicle. Please review the information below on air bag ON-OFF switches to decide whether your driving situations fit certain risk profiles to have an ON-OFF switch installed by a dealer or repair facility.

Risk profiles include:

- People who **must** transport infants riding in rear-facing infant seats in the front passenger seat.
- People who **must** transport children ages 1 to 12 in the front passenger seat.
- Drivers who **cannot** change their customary driving position and keep 10 inches between the center of the steering wheel and the center of their breastbone.
- People whose doctors say that due to their medical conditions the air bag poses a special risk that **outweighs** the risk of hitting their head, neck or chest in a crash if the air bag is turned off.

You can get a brochure about retrofitting ON-OFF switches and an installation request form by:

- Visiting the air bag section of NHTSA's Web site, [www.safercar.gov/airbags](http://www.safercar.gov/airbags), or
- Calling the Vehicle Safety Hotline at **888-327-4236** (TDD 800-424-9153).

***Given that ON-OFF switches are not available for all vehicles, make sure a switch is available for your vehicle before you request authorization to have it installed.***

### **Rear Center Seat Lap and Shoulder Belts**

All rear center seats must be equipped with at least a lap belt. As an added feature, some manufacturers include lap and shoulder belts in rear center seats. This benefits older children and children in booster seats who often ride in the rear center position.

## Adjustable Upper Belts (Rear)

Because safety belts must fit people of various sizes, including older children, some manufacturers offer an adjustable upper belt that lets you change the position of the shoulder strap to accommodate a person's size. This feature allows adjustment and may improve the shoulder belt fit for the passenger. Check the manufacturer's instructions to correctly adjust the safety belts in your vehicle.

## Other Safety Features

- Some manufacturers offer **built-in child safety seats** that are designed to restrain children at least 1 year old and over 20 pounds. Currently, only a very small percentage offer this feature.

## CHILD SAFETY SEAT COMPATIBILITY

Not all child safety seats can be installed in all vehicles and in all seating positions. With so many models of child safety seats, more than 300 models of passenger vehicles, and the wide range of belt systems available today, correctly installing a child safety seat can be a challenge. To ensure your child safety seat is compatible with the vehicle you are looking to purchase, NHTSA recommends testing the fit of the child safety seat in the vehicle.

Read the child safety seat's instruction manual and review the information in the vehicle owner's manual about correct installation. Once the seat is installed, check it by firmly pulling at the base of the child seat, at the safety belt path, from side to side and forward. The child safety seat should not move more than one inch in any direction.

***Go to [www.nhtsa.dot.gov/CPS](http://www.nhtsa.dot.gov/CPS) and click on the Fitting/Inspection Stations button for help in finding the child safety seat inspection station nearest you. You can also call 888-327-4236 or 866-SEATCHECK.***

## EASE-OF-USE CHILD SAFETY SEAT RATINGS

The easier a child safety seat is to use, the greater the chance it will be installed and used correctly. And a seat that is used correctly is more likely to protect your child in the event of a crash. That is why NHTSA developed an ease-of-use rating system to rate child safety seats and booster seats. These are not safety ratings, since all child restraints are required to meet federal safety standards. Instead, the new ratings can give you the confidence to select a child restraint that will be easier to correctly use. Child safety seats and booster seats are rated on several factors:

- Assembly
- Evaluation of labels
- Evaluation of instructions
- Installation features
- Securing the child safety seat features

## OTHER FACTORS TO CONSIDER

- **Two-door vehicles** — It can be difficult to install a child safety seat correctly because you have to get into the back seat to install it securely. Two-door cars also make it harder to get your child in and out of the child safety seat.
- **Small back seats** — The back seats of some small cars and pickup trucks are too small to correctly install some child safety seats, especially those in the rear-facing reclined position. The base of the child safety seat must not be wider than the space between the seat buckle and safety belt attachments. Wide bases can cover buckles for outboard lap and shoulder belts, making installation difficult. In this case, try a child safety seat with a narrow base or a different seating position.
- **Deep bucket seats** — Many child safety seats will not fit in vehicle seats with deep buckets.

Try a child safety seat with a narrow base or top tether strap, provided the vehicle has a top tether anchor.

- **Slope of back seat** — Rear-facing child safety seats should be reclined at about a 45-degree angle. The slope of the vehicle seat may raise the back of the child safety seat too much, putting the infant in an upright rather than reclined position. To fix this situation, place a tightly rolled towel or firm, solid-core foam between the vehicle's seat cushion and the seat back. This will help get the correct angle. Always check the child safety seat instructions and vehicle owner's manual for correct installation.
- **Contour of back seat** — While the center of the rear seat may appear to be the safest place for a child, many back seats have a hump in the center, making it hard to install a child safety seat correctly. The safest position in the back seat is where the child safety seat fits securely.
- **Splits in bench seats** — Splits in wide bench seats can make it difficult to install a child safety seat correctly. Move the child safety seat to a different rear seating position.
- **Forward-anchored belts** — If the safety belt extends from the seat forward of where the back and seat cushions meet, the child safety seat may be too loose. Move the child safety seat to a different rear seating position, or try a different style child safety seat with a top tether strap, provided the vehicle has a top tether anchor.
- **Pickup truck jump seats/extended cabs** — Child safety seats will not fit safely in rear seats of many small pickup trucks. There is not enough space between the rear of the front seat and the child to allow forward motion in a crash or even a sudden stop. *Side-facing jump seats are unsafe for a child safety seat under all circumstances.*

- **Vehicles manufactured before September 1, 1995** — Some vehicles may have safety belt systems—such as automatic safety belts—that require additional hardware to install child safety seats correctly. Be sure to read both the vehicle and child safety seat manuals and any safety belt labels.
- **Vehicles manufactured after September 1, 1995** — Vehicles are now equipped with safety belt locking features—such as locking or switchable retractors—that make installation of a child safety seat easier. Read the vehicle owner’s manual and any safety belt labels to be sure you are installing the seat correctly.

## **BEWARE OF DANGERS TO CHILDREN**

Every year, millions of children are left alone in or around vehicles. This danger is greatly underestimated, and within a few minutes, your child could

- die from heat stroke or carbon monoxide poisoning
- be abducted or become trapped in the vehicle’s trunk
- get hit, be run over accidentally, and be seriously injured or killed by a driver who may be coming out of a parking space or driveway
- be injured or killed from interaction with power windows and sunroofs.

### **Unattended Children**

Never allow children a way to gain access into a vehicle, and never leave children alone in a vehicle. Make sure they can’t get the keys or remote locking/unlocking devices to get into the vehicle. Children might be able to start the vehicle or put it in neutral so it rolls away.

## **Weather**

Children quickly become ill or die from heat build-up inside the vehicle; temperatures inside the vehicle can rise quickly even in moderately warm weather. Children also can freeze from the extreme low temperatures when the climate is cold.

## **Trunk Entrapment**

Children trapped in trunks can die of suffocation or heat stroke. Once in the trunk, they may not be able to get out, even if they entered through the interior, because many rear seats only release to the trunk from inside the passenger area.

## **Interior Trunk Releases**

Almost all passenger cars with trunks manufactured after September 1, 2001, are required to be equipped with interior trunk releases. This safety feature is intended to help individuals, including children, who may become locked in the trunk of a vehicle to escape. Check with your automobile dealer for specific information on the type of trunk release system offered and which vehicle manufacturers offer retrofit kits for older cars.

## **Power Windows and Sun Roofs**

With keys left in the ignition, children can activate window or sun roof controls and be seriously injured or killed. Always remove the keys from the ignition and never leave children alone in a vehicle.

## **Carbon Monoxide Poisoning**

Death by unintentional carbon monoxide poisoning occurs most often in motor vehicles (moving or stationary). Prevent carbon monoxide poisoning by avoiding conditions that place you and vehicle occupants in closed spaces where exhaust accumulates. Other tips include:

- Once a year, before cold weather begins, check and repair holes in mufflers or exhaust pipes



that can cause carbon monoxide to leak into your vehicle.

- After heavy snowfalls, be sure to inspect the vehicle to see that tail pipe outlets are cleared of snow before the engine is started.
- When the vehicle is idling, keep a window open.
- Do not sit in a vehicle that is idling in a closed garage or confined space.
- Open the garage door fully before starting the engine, then drive out as soon as possible.

### ***Kids Aren't Cargo!***

Never let children ride or play in the cargo area, trunk or bed of any vehicle. They can be thrown from the vehicle in the event of a crash, sudden stop, or even a rough road.

***Keep them safe by keeping them out of your vehicle unless you are there!***

## **FAMILY CAR CHECKLIST**

Take this checklist with you when you go shopping for a vehicle.

### Safety Belt and Air Bag System

- Are there enough safety belts for everyone?
- Can the vehicle's lap and shoulder belts fit children who have outgrown child safety seats?
- Will a child be sitting in a booster seat?
- Is there enough room in the rear seat to install child safety seats correctly?
- Does the vehicle have lower anchors and tethers (LATCH) for a child safety seat?
- Can the vehicle manufacturer provide retrofit tether anchor kits?
- If the vehicle has a bench seat or bucket seat

design, will it interfere with child safety seat installation? (Check slopes, humps, contours, seat splits, and forward-anchored belts.)

- Do safety belts have locking features (locking or switchable retractor) for child safety seats?
- Are adjustable shoulder belts available?
- Are built-in child restraint systems available?

### **Other Important Safety Features to Consider**

- Head restraint protection for rear seats (to reduce rearward head movement).
- Safety door locks (so children cannot open doors from inside the vehicle).
- Override window controls (driver controls the windows).

### **Other Child Passenger Safety Information Available From NHTSA**

- Comprando Un Auto Mas Seguro Para Niños Pasajeros
- “Simple Facts about LATCH” (flyer and poster) DOT HS 809 508
- “Los datos simples acerca del sistema de anclaje LATCH” (flyer) DOT HS 809 507
- “Are You Using It Right” (brochure) DOT HS 809 245
- “Child Transportation Safety Tips” (guide) DOT HS 808 301
- “A Parent’s Guide to Buying and Using Booster Seats” (guide) DOT HS 809 503

***To file a safety-related complaint for a defect in a vehicle or its equipment, including child safety seats, visit [www.safercar.gov](http://www.safercar.gov) or call the Vehicle Safety Hotline at: 888-327-4236 (TDD 800-424-9153).***

## VEHICLE TYPE

## SAFETY FEATURES

Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
<b>Compact Passenger Car</b>					
BMW	Z4	Convertible w/SAB	S		
Chevrolet	Cavalier	2-DR	S	S	
Chevrolet	Cavalier	4-DR	S	S	
Dodge	Neon	4-DR		S	
Honda	Civic	2-DR		S	
Honda	Civic	2-DR Hatchback	S		
Honda	Civic	2-DR w/SAB		S	
Honda	Civic	4-DR		S	
Honda	Civic	4-DR w/SAB		A	
Hyundai	Elantra	4-DR w/SAB		S	
Mazda	3	4-DR		S	
Mitsubishi	Lancer	4-DR		S	
Mitsubishi	Lancer Evolution	4-DR		S	
Nissan	Sentra	4-DR		S	
Pontiac	Sunfire	2-DR	S	S	
Pontiac	Vibe	4-DR		S	
Saturn	Ion	4-DR		S	
Saturn	L Series	4-DR w/SAB	S	S	
Suzuki	Aerio	4-DR w/SAB		S	
Suzuki	Forenza	4-DR w/SAB		S	
Toyota	Celica	2-DR		D	
Toyota	Corolla	4-DR	S	D	
Toyota	Matrix	4-DR	S	D	
Toyota	Scion tC	2-DR	S	D	
Toyota	Scion xB	4-DR Station Wagon		S	D
Volkswagen	Golf	4-DR w/SAB	S	S	
Volkswagen	Golf/GTI	2-DR w/SAB		S	
Volkswagen	Jetta (Early Release)	4-DR		S	
Volkswagen	Jetta (Later Release)	4-DR		S	
<b>Light Passenger Car</b>					
Chevrolet	Aveo	4-DR	S	S	
Mazda	Miata/MX-5	Convertible			S

S Standard on all vehicles in that model line

A Available as an option on some or all vehicles in that model line; or standard on some vehicles in that model line but not available or an option on others; or will be introduced part way through that model year as standard on all vehicles in that model line

D Speak to your dealer about this safety feature.

VEHICLE TYPE			SAFETY FEATURES		
Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
Mercedes-Benz	SLK-Class	Convertible	S		
Toyota	Echo	4-DR		S	D
Toyota	MR2	Convertible			S
Toyota	Scion xA	4-DR Hatchback		S	D
<b>Medium Passenger Car</b>					
Acura	TSX	4-DR w/SAB		S	
Audi	A4	4-DR w/SAB		S	
Audi	A6	Sedan 4-DR w/SAB		S	
Audi	S4	4-DR w/SAB		S	
Audi	TT	2-DR Convertible w/SAB			S
Buick	Century	4-DR	S		
Buick	Century	4-DR w/SAB	S		
Buick	LaCrosse	4-DR w/SAB		S	
Cadillac	XLR	Convertible w/SAB			S
Chevrolet	Classic	4-DR	S		
Chevrolet	Cobalt	2-DR	S	S	
Chevrolet	Cobalt	4-DR	S	S	
Chevrolet	Corvette	2-DR			S
Chevrolet	Corvette	Convertible w/SAB			S
Chevrolet	Impala	4-DR	S	S	
Chevrolet	Impala	4-DR w/SAB	S	S	
Chevrolet	Malibu	4-DR	S	S	
Chevrolet	Malibu	4-DR w/SAB	S	S	
Chevrolet	Monte Carlo	2-DR	S	S	
Chrysler	Crossfire	2-DR w/SAB			S
Chrysler	Crossfire Roadster	w/SAB			S
Chrysler	Sebring	2-DR		S	
Chrysler	Sebring	Convertible		S	
Dodge	Stratus	2-DR		S	
Dodge	Stratus	4-DR		S	
Dodge	Viper SRT-10			S	
Ford	500	4-DR		S	
Ford	GT	2-DR			S
Ford	Taurus	4-DR		S	
Ford	Taurus	4-DR w/SAB		S	

S Standard on all vehicles in that model line

A Available as an option on some or all vehicles in that model line; or standard on some vehicles in that model line but not available or an option on others; or will be introduced part way through that model year as standard on all vehicles in that model line

D Speak to your dealer about this safety feature.

## VEHICLE TYPE

## SAFETY FEATURES

Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
Honda	Accord	2-DR		S	
Honda	Accord	4-DR		S	
Honda	Accord	Hybrid 4-DR		S	
Hyundai	Sonata	4-DR w/SAB		S	
Infiniti	G35	Sedan 4-DR w/SAB		S	
Infiniti	Q45	4-DR w/SAB		S	
Jaguar	X-Type	4-DR w/SAB		S	
Kia	New Spectra	4-DR w/SAB		S	
Kia	Optima	4-DR w/SAB		S	
Lexus	ES330	4-DR w/SAB		S	D
Lexus	IS300	4-DR w/SAB		S	D
Lexus	SC430	Convertible w/SAB			D
Mazda	6	4-DR		S	
Mercedes-Benz	C-Class	2-DR w/SAB	S		
Mercedes-Benz	C-Class	4-DR w/SAB	S	S	
Mercedes-Benz	CL-Class	2-DR w/SAB	S		
Mercedes-Benz	CLK-Class	2-DR w/SAB	S		
Mercury	Sable	4-DR		S	
Mercury	Sable	4-DR w/SAB		S	
Mitsubishi	Galant	4-DR w/SAB		S	
Nissan	350Z	2-DR			D
Nissan	Altima	4-DR		S	
Nissan	Maxima	4-DR w/SAB		S	
Pontiac	G6	4-DR	S	S	
Pontiac	Grand Am	2-DR	S		
Pontiac	Grand Am	4-DR	S		
Pontiac	Grand Prix	4-DR		S	
Porsche	911 Carrera	2-DR w/SAB			A
Porsche	Boxster	Convertible w/SAB			A
Saab	9-2X	4-DR w/SAB	S	S	
Saab	9-3	4-DR w/SAB		S	
Subaru	Forester	4-DR w/SAB	S	S	
Subaru	Impreza	4-DR	S	S	
Subaru	Legacy	4-DR w/SAB		S	
Suzuki	Reno	5-DR w/SAB		S	

S Standard on all vehicles in that model line

A Available as an option on some or all vehicles in that model line; or standard on some vehicles in that model line but not available or an option on others; or will be introduced part way through that model year as standard on all vehicles in that model line

D Speak to your dealer about this safety feature.

## VEHICLE TYPE

## SAFETY FEATURES

Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
Suzuki	Verona	4-DR w/SAB		S	
Toyota	Avalon	4-DR w/SAB		S	D
Toyota	Camry	4-DR		S	D
Toyota	Camry Solara	Coupe 2-DR w/SAB		S	D
Toyota	Prius	4-DR		S	D
Volkswagen	Passat	4-DR w/SAB		S	
Volvo	S40	4-DR w/SAB		S	
Volvo	S60	4-DR w/SAB		S	
Volvo	V50	4-DR w/SAB		S	
Volvo	V70	4-DR w/SAB		S	
Volvo	XC70	4-DR w/SAB		S	
<b>Heavy Passenger Car</b>					
Acura	RL	4-DR w/SAB		S	
Acura	TL	4-DR w/SAB		S	
Audi	A8	4-DR w/SAB		S	
Bentley	Arnage R	4-DR w/SAB		S	
Bentley	Arnage T	4-DR w/SAB		S	
Bentley	Continental GT	2-DR w/SAB			S
BMW	5 Series	4-DR w/SAB		S	
BMW	6 Series	2-DR w/SAB		S	
BMW	7 Series	4-DR w/SAB		S	
Buick	LeSabre	4-DR w/SAB	S	S	
Buick	Park Avenue	4-DR w/SAB	S		
Cadillac	CTS	4-DR w/SAB	S	S	
Cadillac	DeVille	4-DR w/SAB	S	S	
Cadillac	STS	4-DR w/SAB	S	S	
Chrysler	300	4-DR		S	
Dodge	Magnum	4-DR		S	
Ford	Crown Victoria	4-DR		S	
Ford	Crown Victoria	4-DR w/SAB		S	
Ford	Thunderbird	2-DR Convertible			S
Hyundai	XG350	4-DR w/SAB		S	
Jaguar	S-Type	4-DR w/SAB		S	
Jaguar	XJ	4-DR w/SAB		S	
Kia	Amanti	4-DR w/SAB		S	

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## VEHICLE TYPE

## SAFETY FEATURES

Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
Lexus	GS300/430	4-DR w/SAB		S	D
Lexus	IS300 Sportcross	4-DR		S	D
Lexus	LS430	4-DR w/SAB		S	D
Lincoln	LS	4-DR w/SAB		S	
Lincoln	Town Car	4-DR w/SAB		S	
Mercedes-Benz	E-Class	4-DR w/SAB	S	S	
Mercedes-Benz	Maybach 57	4-DR w/SAB	S		
Mercedes-Benz	Maybach 62	4-DR w/SAB	S		
Mercedes-Benz	S-Class	4-DR	S	S	
Mercury	Grand Marquis	4-DR		S	
Pontiac	Bonneville	4-DR w/SAB	S	S	
Porsche	911 Carrera Cabriolet	Convertible			A
Rolls-Royce	Phantom	4-DR w/SAB		S	
Saab	9-5	4-DR w/SAB	S	S	
Volvo	S80	4-DR w/SAB		S	
<b>Pickup</b>					
Chevrolet	Colorado	2-DR			S
Chevrolet	Colorado	4-DR	S	S	
Chevrolet	Silverado	4-DR	S	S	
Chevrolet	SSR	2-DR w/SAB			S
Dodge	Dakota	2-DR			S
Dodge	Dakota	4-DR		S	
Dodge	Ram 1500	2-DR		S	
Dodge	Ram 1500	4-DR			S
Dodge	Ram 2500	2-DR		S	
Dodge	Ram 2500	4-DR			S
Dodge	Ram 3500	2-DR			S
Dodge	Ram 3500	4-DR		S	
Ford	F-150	2-DR		S	
Ford	F-150	4-DR		S	
Ford	F-350	2-DR			S
Ford	Ranger	2-DR			S
Ford	Ranger	Extended Cab			S
GMC	Canyon	2-DR			S

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## VEHICLE TYPE

## SAFETY FEATURES

Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
GMC	Canyon	4-DR	S	S	
GMC	Sierra	4-DR	S	S	
Hummer	H2	SUT	S	S	
Lincoln	Town Truck	4-DR		S	
Nissan	Frontier	4-DR		S	
Nissan	Titan	2-DR		S	
Nissan	Titan	4-DR		S	
Toyota	Tacoma	2-DR		S	S
Toyota	Tacoma	4-DR			S
Toyota	Tundra	2-DR			D
Toyota	Tundra	4-DR	S		S
<b>Sport Utility Vehicle</b>					
Acura	MDX	4-DR w/SAB		S	
Audi	Allroad	4-DR w/SAB		S	
BMW	X3	4-DR w/SAB		S	
BMW	X5	4-DR w/SAB		S	
Buick	Rainier	4-DR	S	S	
Buick	Rendezvous	4-DR w/SAB	S	S	
Cadillac	Escalade	4-DR w/SAB	S	S	
Cadillac	Escalade EXT	4-DR w/SAB	S	S	
Cadillac	ESV	4-DR w/SAB	S	S	
Cadillac	SRX	4-DR w/SAB	S	S	
Chevrolet	Avalanche	4-DR w/SAB	S	S	
Chevrolet	Blazer	2-DR	S		
Chevrolet	Equinox	4-DR		S	
Chevrolet	Suburban 1500	4-DR	S	S	
Chevrolet	Tahoe	4-DR	S	S	
Chevrolet	Trailblazer	4-DR	S	S	
Chevrolet	TrailBlazer EXT	4-DR	S	S	
Chrysler	Pacifica	4-DR w/SAB		A	
Dodge	Durango	4-DR	S	S	
Ford	Escape	4-DR ( Early Release)		S	
Ford	Escape	4-DR ( Later Release)		S	
Ford	Escape Hybrid	4-DR		S	
Ford	Excursion	4-DR	S		

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## VEHICLE TYPE

## SAFETY FEATURES

Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
Ford	Expedition	4-DR	S	S	
Ford	Explorer	4-DR	S	S	
Ford	Explorer	Sport Trac		S	
Ford	Freestyle	5-DR		S	
GMC	Envoy	4-DR	S	S	
GMC	Envoy Denali	4-DR	S	S	
GMC	Envoy XL	4-DR	S	S	
GMC	Envoy XL Denali	4-DR	S	S	
GMC	Envoy XUV	4-DR	S	S	
GMC	Yukon	4-DR	S	S	
GMC	Yukon Denali	4-DR	S	S	
GMC	Yukon Denali XL	4-DR	S	S	
GMC	Yukon XL	4-DR	S	S	
Honda	CR-V	w/SAB		S	
Honda	Pilot	4-DR w/SAB		S	
Hummer	H2	4-DR	S	S	
Hummer	H3	4-DR		S	
Hyundai	Santa Fe	4-DR w/SAB		S	
Hyundai	Tucson	4-DR w/SAB		S	
Infiniti	FX35/45	4-DR w/SAB	S	S	
Infiniti	QX56	4-DR w/SAB		S	
Isuzu	Ascender 5	4-DR	S	S	
Isuzu	Ascender 7	4-DR	S	S	
Jeep	Grand Cherokee	4-DR		S	
Jeep	Liberty	4-DR		S	
Jeep	Wrangler	2-DR			S
Kia	Sorento	4-DR w/SAB		S	
Kia	Sportage	4-DR w/SAB		S	
Land Rover	Freelander	3-DR		S	
Land Rover	Freelander	5-DR		S	
Land Rover	LR3	4-DR w/SAB		S	
Land Rover	Range Rover	4-DR w/SAB	S	S	
Lexus	GX470	4-DR w/SAB	S	S	D
Lexus	LX470	4-DR w/SAB	S	S	D
Lexus	RX330	4-DR w/SAB		S	D

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## SAFETY FEATURES

Make	Model	Body	Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
Lexus	RX400h	4-DR w/SAB		S	D
Lincoln	Aviator	4-DR w/SAB	S	S	
Lincoln	Navigator	4-DR w/SAB	S	S	
Mercedes-Benz	CLS-Class	4-DR	S		
Mercedes-Benz	ML-Class	4-DR	S	S	
Mercury	Mariner	4-DR		S	
Mercury	Mountaineer	4-DR	S	S	
Mitsubishi	Endeavor	4-DR w/SAB		S	
Mitsubishi	Montero	4-DR w/SAB		S	
Mitsubishi	Outlander	4-DR w/SAB		S	
Nissan	Armada	4-DR		S	
Nissan	Murano	4-DR w/SAB	S	S	
Nissan	Pathfinder	4-DR	S	S	
Nissan	Xterra	4-DR	S	S	
Pontiac	Aztek	4-DR	S	S	
Porsche	Cayenne	4-DR w/SAB	S	S	
Porsche	Cayenne Turbo	4-DR w/SAB	S	S	
Saab	9-7X	4-DR w/SAB	S	S	
Saturn	VUE	4-DR		S	
Subaru	Outback	4-DR w/SAB		S	
Suzuki	Grand Vitara	4-DR		S	
Suzuki	Grand Vitara XL7	4-DR	S	S	
Toyota	4Runner	4-DR		S	D
Toyota	Highlander	4-DR		S	D
Toyota	Landcruiser	4-DR	S	S	D
Toyota	RAV4	4-DR		S	D
Toyota	Sequoia	4-DR	S	S	D
Volkswagen	Touareg	4-DR w/SAB	S	S	
Volvo	XC90	4-DR w/SAB		S	
<b>Van</b>					
Buick	Terraza		S	S	
Chevrolet	Astro		S		
Chevrolet	Astro	Cargo	S		
Chevrolet	Express	Van	S	S	
Chevrolet	Uplander		S	S	

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## SAFETY FEATURES

Make	Model	Body	SAFETY FEATURES		
			Adjustable Upper Belt-Rear	Rear Center Lap/Shoulder Belt	Airbag On-Off Switch
Chevrolet	Venture	w/SAB	S		
Chrysler	PT Cruiser	4-DR		S	
Chrysler	PT Cruiser	4-DR w/SAB		S	
Chrysler	Town & Country	LWB	S		
Chrysler	Town & Country	SWB	S		
Dodge	Caravan		S		
Dodge	Grand Caravan		S		
Ford	Freestar		S	S	
GMC	Safari		S		
GMC	Savana	Passenger	S	S	
Honda	Odyssey	w/SAB	S	A	
Kia	Sedona	Van	S		
Mercury	Monterey		S	S	
Nissan	Quest	Van w/SAB	S	S	
Pontiac	Montana SV6	Van w/SAB	S	S	
Pontiac	Montana	w/SAB	S		
Saturn	Relay		S	S	
Toyota	Sienna		S	S	D

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