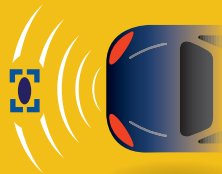


A parent's guide to
playing it safe
with kids and cars



**Inside
this guide:**



New car
safety features.



Dangers to
kids in and
around vehicles.



How to select
and install the
right car seat
for your child.

NHTSA Child Safety Program Contact Information

On the Web:

www.SaferCar.gov

www.nhtsa.gov/Safety/CPS

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DOT Vehicle Safety Hotline:

888-327-4236

Mail:

NHTSA

Office of Communications
and Consumer Information

1200 New Jersey Avenue SE.

Washington, DC 20590



Designed by the National Highway Traffic Safety Administration (NHTSA), this booklet will help you better understand today's vehicle safety features, car seats and how to keep kids safe in and around vehicles using vehicle safety features and car seats. NHTSA also created the "Purchasing with Safety in Mind: What to look for when buying a vehicle" brochure which contains comprehensive safety feature information, including crash test and rollover resistance results of cars, light trucks, sport utility vehicles (SUVs) and vans (available for download at www.SaferCar.gov/Resources). To view the most current government crash test results, visit www.SaferCar.gov/Safety+Ratings.

In this booklet, you'll find information on:

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Did you know?

- ▶ Vehicle crashes are one of the leading causes of death for children between 1 and 13 years old.
- ▶ Three out of every four car seats are not used correctly. Make sure to familiarize yourself with guidelines on proper use.
- ▶ Car seats saved the lives of an estimated 9,600 children age four and younger between 1975 and 2010.

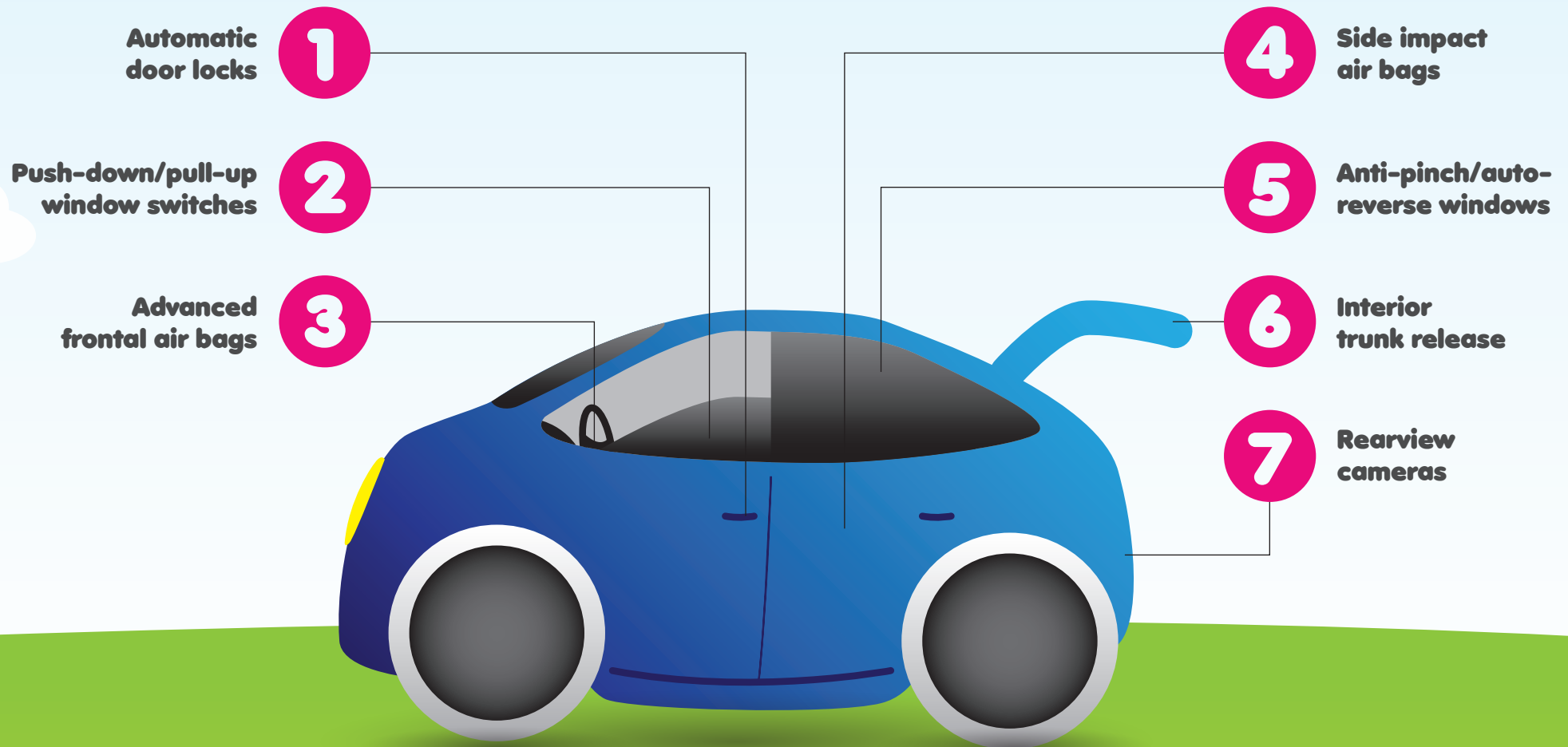
Vehicle safety features that help protect children

The car below shows safety features that you may consider when buying a car. Your current car might have some of these features, so check your owner's manual or contact the manufacturer to find out if it has them and where they are located.

NHTSA has collected information on the safety features found in various vehicles and models since 2004. This, and more information, can be found at www.SaferCar.gov/Resources.

SAFETY TIP: Trunk Entrapment

To a child, the trunk of a vehicle can be a perfect place to hide and play. Always keep car keys in an out-of-reach place, and teach children that a vehicle's trunk is not a hiding spot. Make sure your children know how to open the trunk from the inside if they get stuck. Always supervise children while they are playing around vehicles. If a child is missing, check the trunk.



1 Automatic door locks
To prevent accidental door openings in a moving vehicle and to reduce the risk of occupant ejection in a vehicle crash, some manufacturers offer automatic door locks that activate when the car is put into gear or reaches a certain speed. Automatic door locks also prevent unlawful forced entry into the vehicle when stopped in traffic. There are also child safety door locks that the driver can control. When child safety locks are engaged, the rear doors cannot be opened from the inside.

2 Push-down/pull-up window switches
All new vehicles are now equipped with push-down, pull-up window switches that minimize accidental window closures. Older rocker or toggle-type power window switches can trap hands, arms and other body parts in the window if the switch is leaned on or played with by children.

3 Advanced frontal air bags
During a frontal collision, frontal air bags prevent drivers and front seat passengers from hitting the steering wheel, dashboard or windshield. New vehicles have advanced frontal air bags that use sensors to detect the severity of the crash, size of the passenger, seat belt use and/or seat position and either suppress the passenger air bag in the presence of a child or deploy in a manner to mitigate harm. However, the safest place for children 12 and under is in the rear seat. If a child must sit in the front seat because no other seat is available, the seat should be moved as far back from the air bag as practical, and the child should be restrained by the appropriate car seat for their size and age. Read your vehicle manufacturers' recommendations and instructions for additional information.

4 Side impact air bags
Side impact air bags (SABs) protect passengers during side-impact crashes. Because they deploy quickly, children should not be allowed to lean against parts of the vehicle where side impact air bags are stored. Most vehicle manufacturers conduct "SAB Out-of-Position" tests to determine the risk of inflating SABs to small occupants. Test results falling within limits set by NHTSA and other vehicle safety groups are noted on www.SaferCar.gov.

5 Anti-pinch/auto-reverse windows
Automatic reverse windows are designed to stop closing and reverse direction if something is sensed to be in the way. This technology is also known as "pinch protection," "anti-entrapment" or "bounceback" windows.

6 Interior trunk release
Almost all vehicles on the market today are equipped with an interior trunk release that helps people free themselves if they become trapped in the trunk.

7 Rearview cameras
Rearview or rear-facing cameras can prevent backovers by helping drivers see a wide field of view behind their vehicles via a visual display. Rearview cameras are available as both original and aftermarket equipment.

SAFETY TIP: Power windows

Children's fingers, arms and other body parts can be trapped by closing windows after leaning on or playing with power window switches. Before putting a vehicle in motion, make sure all children are clear from the windows. Check that children are properly restrained by a car seat or seat belt. Don't forget that power windows can be disabled by taking out the ignition key.

SAFETY TIP: Safety defects

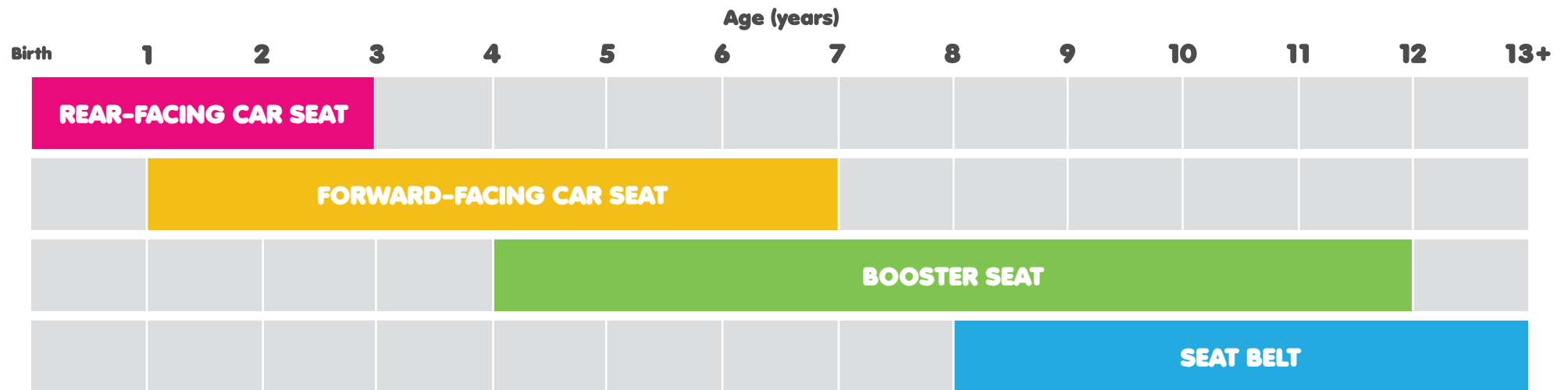
Some vehicles and car seats have safety problems that are common to a make and model; these are called defects. To determine if your vehicle or car seat has a safety defect or is under investigation, visit NHTSA's Office of Defects Investigations at www.SaferCar.gov/Vehicle+Owners. You can report a potential safety defect by logging on to: www-odi.nhtsa.dot.gov/ivoq/. All complaints are reviewed carefully.

How to find the right car seat

There are many car seat choices on the market. Use the information below to help you choose and install a car seat that best meets your child's needs. More information is available at www.SaferCar.gov/therightseat.

Types of Car Seats

Children require both rear- and forward-facing car seats before they are ready to use an adult seat belt. The following chart will help you decide which type of restraint system is best for your child. For more information on car seats, visit www.SaferCar.gov/therightseat.



REAR-FACING
CAR SEAT







FORWARD-FACING
CAR SEAT



BOOSTER SEAT



SEAT BELT

	Rear-Facing Car Seat	Forward-Facing Car Seat	Booster Seat	Seat Belt
Best Practices	Children under the age of one should always be in a rear-facing seat that is installed in the back seat. A rear-facing car seat is the best seat for your young child to use. Children should remain in a rear-facing seat until they reach the top height or weight limits stated by the manufacturer.	Children should remain in a rear-facing seat until they reach the top height or weight limits stated by the manufacturer. Only then should a child move into a forward-facing seat with a harness that is installed in the back seat.	Children should remain in a forward-facing seat with a harness until they reach the top height or weight limits stated by the manufacturer. Only then should a child move into a booster seat placed in the back seat.	Keep children in a booster seat for as long as possible until the adult seat belt fits properly. Children are generally ready to use a seat belt when 1) they are tall enough to sit in the seat without slouching; 2) they can keep their back against the vehicle seat; 3) they can keep their knees naturally bent over the edge of the vehicle seat; and 4) they can keep their feet flat on the vehicle floor. To fit a seat belt properly, the lap belt must lie snugly across the upper thighs, not the stomach. The shoulder belt should lie snugly across the shoulder and chest, not across the neck or face. Keep your child in the back seat at least through age 12.
Type of Car Seat	<p>Infant-Only Seat (Rear-Facing only): Designed for newborns and small babies, the Infant-Only seat is a small, portable seat that can only be used in a rear-facing position.</p> <p>Convertible Seat: As a child grows, this seat can change from a rear-facing to a forward-facing seat with a harness. Because it can be used with children of various sizes, it allows for children to stay in a rear-facing position longer.</p> <p>All-in-One Seat: This seat can change from a rear-facing seat to a forward-facing seat to a booster seat as a child grows. This type of seat is called by other names, including 3-in-1, so you should carefully read the manufacturer's description of which phases of a child's growth that the seat will fit.</p>	<p>Forward-Facing-Only Seat: Equipped with a harness and designed to be used forward-facing only.</p> <p>Convertible Seat: See description in the previous column.</p> <p>Combination Seat: As a child grows, this seat transitions from a forward-facing seat with a harness into a booster.</p> <p>All-in-One Seat: See description in the previous column.</p>	<p>Booster Seat with Back: This type of booster seat is designed to boost the child's height so the seat belt fits properly. It also provides neck and head support and is ideal for vehicles that don't have head rests or high seat backs.</p> <p>Backless Booster Seat: A backless booster seat is designed to boost the child's height so the seat belt fits properly. It does not provide head and neck support. It is ideal for vehicles that have head rests.</p> <p>Combination Seat: See description in the previous column.</p> <p>All-in-One Seat: See description in the rear-facing car seat column.</p>	<p>Seat Belt: Seat belts come standard in all vehicles. Make sure that the belt fits properly on your child (see the tips provided above).</p>
What the Restraint Does	In a crash, a rear-facing car seat cradles and moves with the child. This helps reduce stress to the child's fragile neck and spinal cord.	During a crash, the harness contacts the child at the strongest parts of the body to distribute the crash forces and to keep the child in the seat. The tether limits the child's forward head movement.	A booster seat positions the seat belt so that it fits properly over the strongest parts of a child's body. This can help reduce injury during a crash.	A seat belt restrains a grown child or adult in the event of a crash to help prevent injury. The seat belt is placed over the strongest parts of the body.
What it May Look Like				

CAR SEATS: Before You Start

The car seat manual, as well as the vehicle owner's manual, will provide you with the best guidance for installing a car seat, but keep these items in mind before buying a car seat:

1 Find a car seat that fits your child

As children grow, the car seat position changes from rear-facing to forward-facing. Make sure the car seat you purchase is designed to fit your child's current size and age.

2 Make sure that the car seat is the right fit for your vehicle

Not all car seats fit in all vehicles. Test the car seat you plan to buy to make sure it fits well in your vehicle. Certain elements of a vehicle's design can make car seat installation difficult, including two-door vehicles, small rear seats, deep bucket seats, split bench seats, forward-anchored belts and pickup trucks/extended cabs. Car seats cannot be placed on jump seats or rear-facing seats.

3 Buy a car seat that can be installed and used correctly every time

Ease-of-Use Ratings

Ease-of-Use Ratings will help you evaluate certain car seat features before you buy one. NHTSA uses a 5-Star rating system – with five being the highest – to evaluate the how easy certain car seat features are to use in four basic categories:

- Evaluation of Instructions – Is the instruction manual user-friendly and understandable?
- Vehicle Installation Features – Do the car seat features make it easy to install?
- Evaluation of Labels – Are the labels attached to the car seat easy to understand?
- Securing the Child – Do the car seat features make it easy to correctly secure a child in the seat?

NHTSA Ease-of-Use 5-Star Ratings

Each of the four categories above are evaluated using the 5-Star Rating System:



As a reminder, all car seats meet strict Federal safety performance standards and are available for vehicles of all sizes. For more information, visit www.nhtsa.gov/Safety/Ease-of-Use to find updated ratings for car seats and booster seats.

SAFETY TIP: Pregnant women and seat belts

Doctors recommend that pregnant women wear seat belts in order to protect themselves and the unborn child. If you are pregnant, move the seat as far back as possible. For more information, please visit www.SaferCar.gov/Parents.

Tips for installing a car seat properly

If a car seat is not installed correctly, your child's safety could be in danger. Every car seat has different installation instructions. Here are key items to keep in mind when installing a car seat. For more information and videos, visit www.SaferCar.gov.

Installing the Car Seat:

- 1 Read the car seat instruction manual and the portion of your vehicle's owner's manual on car seat installation. Every car seat needs to be installed using either the lower anchors of the LATCH system or the seat belt to secure it in place. If you choose to use a seat belt to install your car seat, pay close attention to how to lock your seat belt in the vehicle owner's manual. Because every car seat and vehicle is different, it's important to follow all instructions carefully.
- 2 Place the car seat in the back seat of your vehicle and follow the manufacturer's installation directions.
- 3 The car seat must be secured tightly in the vehicle. It should not move side-to-side or front-to-back more than 1 inch when pulled at the belt path.
- 4 If it is a forward-facing seat and has a top tether strap, connect it to the tether anchor and tighten. This step is very important as it limits forward head movement in a crash.
- 5 If it is a rear-facing seat, make sure the car seat is installed at the correct recline angle. Most car seats have built in angle indicators or adjusters that help with this step.

If you have questions, trained professionals can help you. Many local fire and police stations offer free seat-checks. Find the closest trained inspector at <http://www.nhtsa.gov/cps/cpsfitting/index.cfm> or call the DOT Vehicle Safety Hotline at 888-327-4236. For instructional how-to videos visit www.SaferCar.gov/therightseat.

Fitting Your Child Correctly in the Car Seat:

- 1 **Properly position the harness on your child.**
 - **Rear-facing** – Harness straps should lie flat, not twisted, and be placed through the slot that is at or below your child's shoulders.
 - **Forward-facing** – Harness straps should lie flat, not twisted, and be placed through the slot that is at or above your child's shoulders.
- 2 **Buckle the harness and the chest clip and tighten.**

The harness is snug enough when extra material cannot be pinched at the shoulder.
- 3 **Make sure the chest clip is at armpit level.**

WHAT IS LATCH?

Lower Anchors and Tethers for Children (LATCH)

LATCH was designed to make installing a car seat easier because you don't have to use seat belts. Both the vehicle and the car seat need to be LATCH-equipped in order to use the system. There are two items in the vehicle that make up the vehicle part of the LATCH system. First, there are a minimum of two "LATCH-equipped" seating positions in the rear seat of the vehicle; each has two small bars/anchors found in the space between the seat back and the seat cushion (the area is sometimes referred to as the seat bight). Second, there are a minimum of three anchors for the top tether straps. In sedans, these are usually located behind the vehicle's rear seat on the rear shelf. In some larger vehicles such as vans, pickup trucks and SUVs, these anchor points may be found on the rear of a vehicle seat itself, on the floor, the roof or other location. Be sure to carefully read your vehicle's owner's manual to find out where they are in your particular vehicle and to avoid confusing them with other hardware such as luggage tie-downs.

The LATCH system is required on car seats and on vehicles manufactured after September 1, 2002. A listing of vehicles that have LATCH systems is located in the Child Passenger Vehicle Safety Features charts located in the front pocket of this brochure. For more information on LATCH, visit www.SaferCar.gov.

Dangers in and around vehicles

Even with new features that can keep children safe, there are still dangers to children in and around vehicles. Talk to your kids about the dangers of playing around vehicles and monitor children closely when vehicles are present. Common dangers that drivers and passengers should be especially aware of are:

Backover

Backing over a child can cause serious injury or even death. This type of accident typically occurs when a driver backing out of a driveway or parking space does not see a child behind the vehicle. To prevent backovers, tell children not to play around vehicles. Before getting into a vehicle, check around and behind the vehicle, as well as the surrounding area, to ensure that no children are present.

Heatstroke

Heatstroke is the leading cause of vehicle-related deaths not caused by a crash for children under the age of 14. Vehicles can heat up very quickly in almost all weather conditions. You should never leave a child unattended in a car, no matter how short the stop, or what the weather is, even if the windows are cracked.

Rollaway

Leaving a child unattended in a vehicle that has the ignition on or the keys in the ignition is never safe. Unattended children can accidentally cause the vehicle to roll or even drive away, especially if the engine is running.

Seat Belt Entanglement

Children can get bored during car trips and may play with the seat belt – sometimes pulling the seat belt all the way out and accidentally wrapping it around their head and neck. Any seat belts you don't use should be buckled and locked to prevent entanglement. You can also prevent entanglement by making sure your child is properly restrained and teaching children that seat belts are not toys.

For more details on the most common vehicle dangers for kids and other safety tips, please visit www.SaferCar.gov/parents.



Vehicle Safety Features

Model	Body Style	Seat Locations	LATCH Locations	SAB Type – Head	Head SAB Seat Position(s)	SAB Type – Torso	Torso SAB Seat Position(s)	SAB Type – Pelvis	Pelvis SAB Seat Position(s)	Side Air Bag Out of Position (OOP) Test Meets Specification	Head Restraints Locations	Dynamic Head Restraints Locations	Power Windows w/ Automatic Reversal (ARS)
ACURA													
MDX	SUV	1,3,4,5,6,7,9	4,5,6	Curtain	1,3,4,6,7,9	Pelvis/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,5,6,7,9	1,3	1,3,R
RDX	SUV	1,3,4,5,6	4,5,6	Curtain	1,3,4,6	Torso	1,3	None	N/A	Yes	1,3,4,5,6	1,3	1,3,R
RL	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3	Pelvis/Torso	1,4	Yes	1,3,4,5,6	1,3	1,3,4,6,R
TL	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,5,6	1,3	1,3,R
TSX	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,5,6	1,3	1,3,R
TSX V6	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,5,6	1,3	1,3,R
TSX Wagon	SW	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,5,6	1,3	1,3,R
ZDX	SUV	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,5,6	1,3	1,3

Model	Body Style	Seat Locations	LATCH Locations	SAB Type – Head	Head SAB Seat Position(s)	SAB Type – Torso	Torso SAB Seat Position(s)	SAB Type – Pelvis	Pelvis SAB Seat Position(s)	Side Air Bag Out of Position (OOP) Test Meets Specification	Head Restraints Locations	Dynamic Head Restraints Locations	Power Windows w/ Automatic Reversal (ARS)
AUDI													
A3	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3 = S; 4,6 = O	Pelvis/Torso	1,3 = S; 4,6 = O	Yes	1,3,4,5,6	--	1,3,4,6,R
A4 Avant	SW	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3 = S; 4,6 = O	Pelvis/Torso	1,3 = S; 4,6 = O	Yes	1,3,4,5,6	--	1,3,4,6,R
A4/S4	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3 = S; 4,6 = O	Pelvis/Torso	1,3 = S; 4,6 = O	Yes	1,3,4,5,6	--	1,3,4,6,R
A5/S5 Cabrio	C	1,3,4,6	--	Head/Torso	1,3	Head/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,6	--	1,3,4,6,R
A5/S5 Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3,4,6	--	1,3,R
A6	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3 = S; 4,6 = O	Pelvis/Torso	1,3 = S; 4,6 = O	Yes	1,3,4,5,6	--	1,3,4,6,R
A7	4 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3 = S; 4,6 = O	Pelvis/Torso	1,3 = S; 4,6 = O	Yes	1,3,4,6	--	1,3,4,6,R
A8	4 DR	1,3,4,6 or 1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3,4,6	Pelvis/Torso	1,3,4,6	Yes	1,3,4,6 or 1,3,4,5,6	1,3 (except relax seat)	1,3,4,6,R
Q5	SUV	1,3,4,5,6	4,6	Curtain	1,3,4,6	Pelvis/Torso	1,3 = S; 4,6 = O	Pelvis/Torso	1,3 = S; 4,6 = O	Yes	1,3,4,5,6	--	1,3,4,6,R
Q7	SUV	1,3,4,5,6,7,9	4,6,7,9	Curtain	1,3,4,6,7,9	Pelvis/Torso	1,3 = S; 4,6 = O	Pelvis/Torso	1,3 = S; 4,6 = O	Yes	1,3,4,5,6,7,9	--	1,3,4,6,R

Model	Body Style	Seat Locations	LATCH Locations	SAB Type – Head	Head SAB Seat Position(s)	SAB Type – Torso	Torso SAB Seat Position(s)	SAB Type – Pelvis	Pelvis SAB Seat Position(s)	Side Air Bag Out of Position (OOP) Test Meets Specification	Head Restraints Locations	Dynamic Head Restraints Locations	Power Windows w/ Automatic Reversal (ARS)
AUDI (continued)													
R8 Coupe	2 DR	1,3	--	Head/Torso	1,3	Head/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3	--	1,3
R8 Spyder	C	1,3	--	Head/Torso	1,3	Head/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3	--	1,3
TT Coupe	2 DR	1,3,4,6	4,6	Head/Torso	1,3	Head/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3	--	1,3
TT Roadster	C	1,3	--	Head/Torso	1,3	Head/Torso	1,3	Pelvis/Torso	1,3	Yes	1,3	--	1,3
BENTLEY													
Continental Flying Spur	4 DR	1,3,4,6 and 1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3,4,6	--	--	Yes	1,3,4(5)6	--	Yes
Continental GT	2 DR	1,3,4,6	4,6	Head/Torso	1,3,4,6	Head/Torso	1,3,4,6	--	--	Yes	1,3,4,6	--	Yes
Continental GTC	C	1,3,4,6	--	--	--	Torso	1,3	--	--	Yes	1,3,4,6	--	Yes
Continental Supersports	2 DR	1,3	--	Curtain	1,3,4,6	None	--	--	--	No	1,3	--	Yes
Continental Supersports Convertible	C	1,3,4,6	--	--	--	Torso	1,3	--	--	No	1,3,4,6	--	Yes
Mulsanne	4 DR	1,3,4,5,6	4,6	Head/Torso	1,3,4,6	Head/Torso	1,3,4,6	--	--	Yes	1,3,4,5,6	--	Yes

Model	Body Style	Seat Locations	LATCH Locations	SAB Type – Head	Head SAB Seat Position(s)	SAB Type – Torso	Torso SAB Seat Position(s)	SAB Type – Pelvis	Pelvis SAB Seat Position(s)	Side Air Bag Out of Position (OOP) Test Meets Specification	Head Restraints Locations	Dynamic Head Restraints Locations	Power Windows w/ Automatic Reversal (ARS)
BMW													
328i Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	--	1,3,4,6,R
335i Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	--	1,3,4,6,R
640i Convertible	C	1,3,4,6	4(LA),6(LA)	Head/Torso	1,3	Head/Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,4,6
640i Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R
650i Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R
650xi Convertible	C	1,3,4,6	4(LA),6(LA)	Head/Torso	1,3	Head/Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,4,6
650xi Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R
M5 Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
128i Convertible	C	1,3,4,6	4(LA),6(LA)	Head/Torso Combo	1,3	Head/Torso Combo	1,3	--	--	Yes	1,3,4,6	--	1,3
128i Coupe	--	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	--	1,3,R

Model	Body Style	Seat Locations	LATCH Locations	SAB Type – Head	Head SAB Seat Position(s)	SAB Type – Torso	Torso SAB Seat Position(s)	SAB Type – Pelvis	Pelvis SAB Seat Position(s)	Side Air Bag Out of Position (OOP) Test Meets Specification	Head Restraints Locations	Dynamic Head Restraints Locations	Power Windows w/ Automatic Reversal (ARS)
BMW (continued)													
135i Convertible	C	1,3,4,6	4(LA),6(LA)	Head/Torso Combo	1,3	Head/Torso Combo	1,3	--	--	Yes	1,3,4,6	--	1,3
135i Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	--	1,3,R
328i Convertible	C	1,3,4,6	4(LA),6(LA)	Head/Torso Combo	1,3	Head/Torso Combo	1,3	--	--	Yes	1,3,4,6	1,3	1,3
328i Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R
328i Sports Wagon	SW	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
328i xDrive Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R
328i xDrive Sports Wagon	SW	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
335i Convertible	C	1,3,4,6	4(LA),6(LA)	Head/Torso Combo	1,3	Head/Torso Combo	1,3	--	--	Yes	1,3,4,6	1,3	1,3
335i Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R
335i xDrive Coupe	2 DR	1,3,4,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R

Model	Body Style	Seat Locations	LATCH Locations	SAB Type – Head	Head SAB Seat Position(s)	SAB Type – Torso	Torso SAB Seat Position(s)	SAB Type – Pelvis	Pelvis SAB Seat Position(s)	Side Air Bag Out of Position (OOP) Test Meets Specification	Head Restraints Locations	Dynamic Head Restraints Locations	Power Windows w/ Automatic Reversal (ARS)
BMW (continued)													
335is Convertible HP	C	1,3,4,6	4(LA),6(LA)	Head/Torso Combo	1,3	Head/Torso Combo	1,3	--	--	Yes	1,3,4,6	1,3	1,3
335is Coupe HP	2 DR	1,3,4,6	5,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,R
528i Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
528xi Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
535i GT Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
535i Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
535i xDrive GT Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
535i xDrive Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
550i GT Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
550i Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R

Model	Body Style	Seat Locations	LATCH Locations	SAB Type – Head	Head SAB Seat Position(s)	SAB Type – Torso	Torso SAB Seat Position(s)	SAB Type – Pelvis	Pelvis SAB Seat Position(s)	Side Air Bag Out of Position (OOP) Test Meets Specification	Head Restraints Locations	Dynamic Head Restraints Locations	Power Windows w/ Automatic Reversal (ARS)
BMW (continued)													
550i xDrive GT Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
550i xDrive Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
650i Convertible	C	1,3,4,6	4(LA),6(LA)	Head/Torso	1,3	Head/Torso	1,3	--	--	Yes	1,3,4,6	1,3	1,3,4,6
740i Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
740Li Sedan	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
750i Sedan (incl. ALPINA B7)	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
750i xDrive Sedan (incl. ALPINA B7)	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
750Li Sedan (incl. ALPINA B7)	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
750Li xDrive Sedan (incl. ALPINA B7)	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R
760Li	4 DR	1,3,4,5,6	4,6	Curtain	1,3,4,6	Torso	1,3	--	--	Yes	1,3,4,5,6	1,3	1,3,4,6,R

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