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# BUYING A SAFER CAR 2007





Valuable Information on Crash Tests, Rollover Ratings, and Safety Features

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## **SAFETY FIRST** – Visit safercar.gov

In response to increasing public concern about automobile safety, many manufacturers are designing vehicles that incorporate crash protection and safety features beyond the minimum Federal standards. Key questions to ask when looking to buy a safer car are:

- What features does this vehicle have that will help you avoid a crash? For example, does this vehicle have electronic stability control (ESC)?
- How well does this vehicle protect you during a crash? Does this vehicle have side air bag (SAB) head protection technology?
- What is the likelihood of this vehicle rolling over in a single-vehicle crash?
- What other types of advanced safety features does this vehicle have?

The National Highway Traffic Safety Administration (NHTSA) is the agency of the Department of Transportation that conducts crash tests of new vehicles to determine the level of protection for drivers and passengers during frontal and side-impact crashes. NHTSA also conducts rollover tests to determine the likelihood of a vehicle rolling over if involved in a single-vehicle crash. The results of these tests, along with information about safety features for model year 2007 vehicles, are shown in the charts in this brochure. In addition, the latest safety ratings can always be found at www.safercar.gov.

## **GOVERNMENT SAFETY TESTS**

Each year, NHTSA tests new cars, light trucks, sport utility vehicles (SUVs), and vans, including those that are especially popular with consumers, are redesigned, or have improved safety

equipment. These vehicles are then rated on how well they protect drivers and passengers during front and side crashes and during rollover tests using a five-star vehicle rating system. Five stars indicate the highest safety rating and one star the lowest. Although it is impossible to determine how well a vehicle protects drivers and passengers in all types of crashes, star ratings are a useful basis for comparing vehicle safety. In reviewing the front and side crash test ratings, keep in mind that of the nearly two million injury-causing crashes each year, the majority are either frontal or side crashes.

### **Frontal Crash Testing**

Vehicles with crash test dummies buckled in the driver and front passenger seats are crashed into a fixed barrier at 35 mph. This crash test is equivalent to a head-on collision between two identical vehicles each moving at 35 mph. Since the test reflects a crash between two identical vehicles, you can only compare vehicles from the same weight class when looking at frontal crash test ratings.

Instruments measure the force of impact to each dummy's head, chest, and legs. The resulting information indicates a belted person's chances of incurring a serious injury in the event of a crash. A serious injury is one that may be life-threatening and that requires immediate hospitalization.

\*\*\*\* = 10 percent or less chance of serious injury

★★★ = 11 percent to 20 percent chance of serious injury

★★★ = 21 percent to 35 percent chance of serious injury

★★ = 36 percent to 45 percent chance of serious injury

★ = 46 percent or greater chance of serious injury

## **Side Crash Testing**

Side-crash testing represents an intersectiontype collision with a 3,015-pound barrier moving at 38.5 mph into a standing vehicle, with crash test dummies buckled in the driver and rear passenger seats. The moving barrier is covered with crushable material to replicate the front of a vehicle.

Side-impact crash star ratings indicate the chance of a life-threatening chest injury for the driver, front-seat passenger, and rear-seat passenger. Head injury is currently *not* included in the side-impact crash star rating. As with the frontal-crash test ratings, a serious injury is one that may be life-threatening and that requires immediate hospitalization. Given that the same size barrier crashes into all of the tested vehicles, it is possible to compare vehicles from different weight classes when looking at side-crash test ratings.

\*\*\*\* = 5 percent or less chance of serious injury

★★★ = 6 percent to 10 percent chance of serious injury

★★★ = 11 percent to 20 percent chance of serious injury

★★ = 21 percent to 25 percent chance of serious injury

★ = 26 percent or greater chance of serious injury

## **Rollover Testing**

NHTSA rollover resistance ratings measure the chance that your vehicle will roll over if you are involved in a single-vehicle crash. A single-vehicle crash is one that does not involve another vehicle. Vehicles with a higher number of stars are less

likely to roll over if involved in a single-vehicle crash. Keep in mind these ratings do not directly predict the likelihood of a single-vehicle crash.

The rollover resistance rating is based on: (1) an at-rest laboratory measurement known as the Static Stability Factor (SSF) which determines how "top-heavy" a vehicle is, **and** (2) the results of a driving maneuver that tests whether a vehicle is vulnerable to tipping up on the road in a severe maneuver. In short, the rollover rating brings together a measure of how "top-heavy" a vehicle is with how well it performs in a severe turning maneuver on a test track. The lowest-rated vehicles (one star) are at least four times more likely to roll over than the highest-rated vehicles (five stars) if they are involved in a single vehicle crash.

More than 10,000 people die each year in rollover crashes. Keep in mind that even the highest-rated vehicle can roll over. One of the reasons rollovers are so deadly is that unrestrained occupants are often ejected or partially ejected from the vehicle. By wearing your seat belt you can reduce your chance of being killed in a rollover by about 75 percent.

As with side-impact crash test ratings, you can compare vehicles from different weight classes when looking at rollover ratings.

## **SAFETY FEATURES**

The safety features on the following pages are considered some of the most important features a consumer should look for when considering the purchase of a new or used vehicle. NHTSA recommends consumers look at and choose vehicles offering both electronic stability control (ESC) and side air bag (SAB) head protection technology. NHTSA studies show that these two technologies offer tremendous life-saving ability.

A more comprehensive list of a vehicle's available features can be found by conducting a search on the *Five-Star Crash Test and Rollover Rating* section of www.safercar.gov, then clicking on the name of the vehicle.

## **Electronic Stability Control (ESC)**

Electronic Stability Control (ESC), offered under various trade names, is designed to assist drivers in maintaining control of their vehicles during extreme steering maneuvers or on slippery roads. ESC senses when a vehicle is starting to lose control – known as either spinning out (oversteering) or plowing out (understeering). When this occurs, ESC automatically applies the brake to one or more of the wheels to turn the vehicle to the appropriate direction. However, ESC cannot keep a vehicle on the road if the vehicle's speed is simply too great for conditions.

Based on a NHTSA study of U.S. crash data, NHTSA estimates equipping vehicles with ESC will reduce single-vehicle crashes of passenger cars by 34 percent and single-vehicle crashes of sport utility vehicles (SUVs) by 59 percent. Preventing single-vehicle loss-of-control crashes is the most effective way to reduce deaths resulting from rollover crashes. NHTSA estimates that ESC has the potential to prevent 71 percent of passenger car rollovers and 84 percent of SUV rollovers in single-vehicle crashes. The same NHTSA study also found a reduction in certain multi-vehicle crashes involving SUVs.

For these reasons, NHTSA recently proposed to establish a new Federal motor vehicle safety standard (FMVSS No. 126) to require ESC systems on passenger cars, multipurpose passenger vehicles, trucks, and buses with a

gross vehicle weight rating of 10,000 pounds or less. The proposed safety standard would require manufacturers to begin equipping vehicles with ESC in the 2009 model year and to have the technology standard in all vehicles by the 2012 model year.

## **Side Air Bags (SABs)**

Side-impact air bag (SAB) technology has advanced rapidly in recent years. SABs offer additional protection to two main areas of the body – the head and the chest – during side-impact crashes.

SABs can provide significant safety benefits to adults in side-impact crashes. NHTSA estimates that if all the vehicles on U.S. roads were equipped with head protection SABs, 700 to 1,000 lives would be saved per year in side-impact crashes. NHTSA also estimates that in side-impact crashes involving at least one fatality, nearly 60 percent of those killed have suffered brain injuries.

NHTSA recently proposed to upgrade Federal motor vehicle safety standard (FMVSS No. 214) to require vehicle manufacturers to assure side-impact protection for a wider range of occupant sizes and over a broader range of seating positions. It would likely lead to the installation of new technologies, such as side curtain air bags and torso side air bags capable of improving head and thorax protection to occupants of vehicles that are laterally struck by higher-riding SUVs.

SABs providing head protection show these footnotes in the charts in this brochure: curtain (c), tubular (t), or combo (b). Curtain and tubular SABs typically deploy downward from the vehicle's roof rail. Combination or "combo" air bags typically deploy upward from the seat back and provide both head and chest protection.

SABs providing chest-only protection will have the following footnotes in the charts depending on their mount location: door-mounted (d) or seat-mounted (s). You should read the owner's manual for specific information about the sideimpact air bag system in a vehicle.

#### **SAB Out-of-Position Tests**

A Technical Working Group of experts representing the automotive and insurance industries developed voluntary SAB test procedures to minimize the potential risk of SAB-related injuries for out-of-position occupants. If a vehicle has an "M" in the column labeled "SAB Out-of-Position Tests," it means the manufacturer has reported to the government that all SABs in the vehicle have successfully completed the full battery of tests specified under the voluntary guidelines.

## **DRIVING SAFETY**

#### **Seat Belts**

Seat belts remain one of the most important safety features in your vehicle. In the event of a crash, seat belts are designed to keep you inside the vehicle and reduce the risk of you hitting the steering wheel, dashboard, or windshield. We recommend that new buyers sit in a vehicle, buckle up their seat belts, and check the fit. Check the *Available Features* chart for each vehicle at www.safercar. gov for the availability of additional seat belt features such as adjustable upper belt anchorages, seat belt pretensioners, energy management features, integrated seat belt systems, seat belt extenders, and innovative belt reminder systems.

#### Innovative Belt Reminder Systems

The purpose of a seat belt reminder is to remind vehicle occupants to wear their seat belts. The Federal standard requires all vehicles to have a four- to eight-second reminder for the driver. This reminder appears as a dashboard warning light (often designed as a person in a seat belt) that also makes a sound.

Some manufacturers have voluntarily installed innovative systems that go beyond the Federal standard and provide additional warnings when occupants are not using seat belts. These systems have visual and/or audio warnings to remind drivers to buckle up; a system to warn rear seat passengers is not yet available. In addition, some of these systems also sense how fast the vehicle is traveling, and increases the frequency of the warning. Visit www.safercar.gov or review the owner's manual to find out if the vehicle has one of these innovative systems.

## **Frontal Air Bags**

Depending on the severity of the crash, frontal air bags inflate to prevent occupants from hitting the steering wheel, dashboard, and windshield. Frontal air bags for both drivers and passengers have been standard equipment in all vehicles since 1998.

Frontal air bags do not eliminate the need for seat belts and typically do not offer protection in rollovers, side-impact, or rear-end crashes. Air bag effectiveness depends upon the proper use of seat belts, which help keep you in place should a collision occur. Occupants who are unbelted or out-of-position can end up being seriously injured or killed if they are too close to the air bag when it deploys.

## Advanced (Frontal) Air Bag Systems

As of September 1, 2006, all new vehicles are required to be certified to the new Federal standard for advanced air bags.

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

You will need to talk with the dealer or review the owner's manual to learn more about the specific features and sensor technologies in use as part of the advanced air bag system.

Reduce the risk of injury from *any* frontal air bag by observing the following:

- Buckle your seat belt.
- Keep about 10 inches or more between your chest and the air bag cover.
- Never place a rear-facing infant seat in front of an air bag, even a reduced-power or advanced air bag, unless the air bag onoff switch is in the OFF position.
- Place children age 13 and under in the back seat, and make sure they are properly restrained, either in seat belts or child safety seats that are appropriate for their size, weight, and age.

**Warning!!!** Even with advanced air bags, children can be killed or seriously injured by air bags. Always put children age 13 and under in the rear seat.

## **On-Off Switches**

An on-off switch can deactivate the driver's or passenger's air bag. Almost all vehicles without rear seats or with small rear seats, such as pickups and sports cars, now include a passenger-side on-off switch as standard equipment. Check the *Available Features* chart for an individual vehicle at **www.safercar.gov** for the availability of on-off switches.

If you own a vehicle without an on-off switch and have a demonstrated need to have one installed by a dealer or repair facility, you may do so if you meet one of the following conditions:

- You must transport a child age 13 or under, including an infant riding in rear-facing infant seat, in the front passenger seat.
- You have a medical condition where the air bag poses a special risk that *outweighs* the risk of hitting your head, neck, or chest in a crash if the air bag is turned off.
- You cannot change your customary driving position and keep 10 inches between the center of the steering wheel and the center of your chest.

There are circumstances under which NHTSA will authorize air bag deactivation. More details and an on-off switch request form may be obtained at www.safercar.gov/airbags. Given that on-off switches are not available for all vehicles, verify availability of a switch for the vehicle you want to purchase before you request authorization for switch installation.

## **Tire Pressure Monitoring System (TPMS)**

It is advisable to check the pressure in all your tires, including the spare, at least once a month because a tire doesn't have to be punctured by a foreign object, such as a nail, to lose air. All tires will naturally lose some air over time. In fact, underinflation is a leading cause of tire failure.

The Tire Pressure Monitoring System (TPMS) uses a dashboard warning light to alert the driver when one or more of a vehicle's tires is significantly underinflated – a leading cause of tire failure. A tire is considered significantly underinflated when its pressure is 25 percent below the vehicle manufacturer's recommended tire inflation pressure. Beginning with the 2006 model year, manufacturers will begin phasing TPMS into their new vehicles. By September 1, 2007, all new vehicles will have TPMS.

## **Consider Vehicle Weight**

All other things being equal, a heavier vehicle will generally better protect you in a crash. This is particularly the case in two-vehicle crashes. NHTSA research historically has shown that occupants in passenger cars are at a greater risk of

being fatally injured when struck in the front or the side by a heavier and higher-riding light truck (such as a pickup) or SUV. Improved energyabsorbing front ends and safety technologies such as head-protecting side-impact air bags can help lower this risk to vehicle occupants.

#### FOR MORE INFORMATION

Visit www.safercar.gov for the latest information on crash test and rollover ratings and other important vehicle safety information.

If you have a safety problem with your vehicle, report it to the **Vehicle Safety Hotline: 888-327-4236, TDD 800-424-9153**. Each year, nearly three-quarters of newly opened defect investigations are based on consumer reports to NHTSA via the Hotline, the Web, e-mail, or letters.

You can also visit **www.safercar.gov** to view *Buying a Safer Car for Child Passengers*, which contains important information to consider when purchasing a vehicle in which children will ride.

Additional copies of this and other vehicle safety-related brochures can be ordered by calling the Hotline: 888-327-4236.

							RAT	INGS				SAFETY FEATURE	AIR
					FRONTAL	CRASH /	SIDE CR	ASH /	ROLI	LOVER			SIDE AIF
		/			<i>b</i> / <i>c</i>	Rear	*A*2			Populic Stabii.	ir Bao	Cheu Air Bas Secon low	Side of the Base o
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Light Passeng	er Car												
Chevrolet	Aveo Hatchback w/SAB	5-DR	****	****	****	****	****			Sb		Sb	M
Mazda	MX-5/ Miata w/SAB	Conv							A	Sb		Sb	M
Mercedes-Benz	SLK-Class w/SAB	Conv							S	Sb		Sb	M
Toyota	Yaris	4-DR	****	****	***	***	****			Ac	Ac	As	M
Toyota	Yaris Liftback	2-DR								Ac	Ac	As	M
Compact Passe	enger Car												
BMW	Z4 w/SAB	2-DR							S			Sd	M
BMW	Z4 w/SAB	Conv	****	****	***	NR	****		S			Sd	M
Chevrolet	Aveo w/SAB	4-DR	****	****	****	***	****			Sb		Sb	M
Chevrolet	Cobalt	2-DR	****	****	****h	****	****			Ac	Ac		M
Chevrolet	Cobalt	4-DR	****	****	***	****	****			Ac	Ac		M
Chevrolet	Cobalt w/SAB	2-DR	****	****	***	****	****			Ac	Ac		M
Ford	Focus	4-DR	****	****	***	****	****			Ab		Ab	
Ford	Focus Hatchback	2-DR	****	****	***	***h	****			Ab		Ab	
Honda	Civic CNG w/SAB	4-DR	****	****	****	****	****			Sc	Sc	Ss	M
Honda	Civic Hybrid w/SAB	4-DR	****	****	****	****	****			Sc	Sc	Ss	M
Honda	Civic w/SAB	2-DR	****	****	****	****	****		A	Sc	Sc	Ss	M
Honda	Civic w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss	M
Honda	Fit w/SAB	4-DR	****	****	****	***	****			Sc	Sc	Ss	M
Honda	S2000	Conv	****	****	****	NR	****		S				
Hyundai	Accent w/SAB	2-DR								Sc	Sc	Ss	M
Hyundai	Accent w/SAB	4-DR	****	****	****	***	****			Sc	Sc	Ss	M
Hyundai	Elantra w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss	
Kia	Rio w/SAB	4-DR	****	****	****	***	****			Sc	Sc	Ss	M
Kia	Spectra w/SAB	4-DR	****	****	****	****	****			Sc	Sc	Ss	M
Mazda	Mazda3	4-DR	****	****	***	***	****		A	Ac	Ac	As	M
Mazda	Mazda3 Hatchback	4-DR	****	****	***	***	****		A	Ac	Ac	As	M
MINI	Cooper w/SAB	2-DR							A	Sc	Sc	Ss	M
MINI	Cooper w/SAB	Conv							A	Sb		Sb	M
Mitsubishi	Eclipse Spyder w/SAB	Conv								Sb		Sb	M
Mitsubishi	Eclipse w/SAB	2-DR								Sc		Ss	M
Mitsubishi	Lancer	4-DR	****	****	**	****	****					As	M
Nissan	Sentra w/SAB	4-DR	****	****	****		****			Sc	Sc	Ss	M
Nissan	Versa w/SAB	4-DR	****	****	****		****			Sc	Sc	Ss	M
Pontiac	G5	2-DR	****	****	****h	****	****			Ac	Ac		

BAGS

BAGS

<sup>\*</sup>Code on page 18

Make								RAT	INGS				SAFET FEATU		F	AIR BAGS
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Saturn   Ion	Pontiac	Solstice	Conv	****	****	****	NR	****		A						
Saturn   Sin	Pontiac	Vibe	4-DR	****	****	***	****	****	****	A	Ac		As		M	
Saturn   Sky	Saturn	Ion	2-DR	****	****	****	****	****			Ac	Ac			M	
Suzuki	Saturn	Ion	4-DR	****	****	***	****	****			Ac	Ac			M	
Suzuki	Saturn	Sky	Conv	****	****	****	NR	****		A						
Suzuki	Suzuki	Aerio w/SAB	4-DR										Ss		M	
Suzuki	Suzuki	Forenza w/SAB	4-DR	****	****	****	****!	****			Sb		Sb		M	
Suzuki         SX4 w/SAB         4-DR	Suzuki	Forenza Wagon w/SAB	4-DR	****	****			****			Sb		Sb		M	
Toyota	Suzuki	Reno w/SAB	5-DR								Sb		Sb		M	
Toyota Matrix 4-DR ***** **** **** **** **** A A C AC AS M Toyota Prius w/SAB 4-DR **** **** **** **** **** **** A A C AC AS M Toyota Scion IC 2-DR **** **** **** **** **** **** **** A A C AC AS M Toyota Scion IC 2-DR **** **** **** **** **** **** ****	Suzuki	SX4 w/SAB	4-DR							A	Sc	Sc	Ss		M	
Toyota	Toyota	Corolla	4-DR	****	****	****	****	****		A	Ac	Ac	As		M	
Toyota   SciontC   2-DR   ***** **** **** **** ****   Ac   Ac	Toyota	Matrix	4-DR	****	****	***	****	****	****	A	Ac	Ac	As		M	
Volkswagen         New Beetle w/SAB         2-DR         ****         ****         ****         ****         S         Sb         M           Volkswagen         New Beetle w/SAB         Conv         *****         *****         *****         S         Sb         J         M           Medium Passenger Car         Acura         TSX w/SAB         4-DR         ******         ******         *****         S         Sc         Sc         Ss         M           Audi         A3 w/SAB         4-DR         *****         *****         *****         *****         ****         ****         M           Audi         A4/S4 Avant Wagon w/SAB         4-DR         *****         *****         *****         *****         ****	Toyota	Prius w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
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Medium Passenger Car	Volkswagen	New Beetle w/SAB	2-DR	****	****	****	***	****		S	Sb		Sb		M	
Acura         TSX w/SAB         4-DR         ******         ******         ****         ****         ****         ****         ****         *****         *****         ***         ***	Volkswagen	New Beetle w/SAB	Conv	****	****			****		S	Sb		Sb		M	
Audi         A3 w/SAB         4-DR         S         S         Sc         Sc         S         As         M           Audi         A4/S4 Avant Wagon w/SAB         4-DR         *****         *****         *****         *****         S         Sc         Sc         Sc         S         As         M           Audi         A4/S4 w/SAB         4-DR         *****         ****         *****         ****	Medium Passer	nger Car														
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w/SAB         4-DR         *****         *****         *****         *****         *****         S         Sc         Sc         Sc         Ss         As         M           Audi         A6 Avant Wagon w/SAB         4-DR         *****         *****         *****         *****         S         Sc         Sc         Sc         Ss         As         M           Audi         A6/S6 w/SAB         4-DR         ****         ****         ****         ****         ****         ****         M           BMW         3 Series w/SAB         2-DR         ****         *****         *****         ****         ****         ****         ****         ****         ****         ****         M           BMW         3 Series w/SAB         Conv         ****         *****         ***         ***         ***         **         **         **         **         **         **         **         **         **	Audi		4-DR	****	***	****	****		****	S	Sc	Sc	Ss	As	M	
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w/SAB         w/SAB         w/SAB         w/SAB         w/SAB         w/SAB         description         w/SAB         description         w/SAB         description         s <td>Audi</td> <td>A4/S4 w/SAB</td> <td>4-DR</td> <td>****</td> <td>****</td> <td>****</td> <td>****</td> <td></td> <td>****</td> <td>S</td> <td>Sc</td> <td>Sc</td> <td>Ss</td> <td>As</td> <td>M</td> <td></td>	Audi	A4/S4 w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss	As	M	
BMW         3 Series w/SAB         2-DR         S         S         Sc         Sc         Ss         M           BMW         3 Series w/SAB         4-DR         *****         *****         *****         *****         S         Sc         Sc         Ss         M           BMW         3 Series w/SAB         Conv         S         Sb         Sb         M           BMW         3 Series Wagon w/SAB         4-DR         *****         *****         S         Sc         Sc         Ss         M           Cadillac         XLR w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette         2-DR         S         Ab         Ab         M           Chevrolet         Corvette w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette Z06         2-DR         S         Ab         Ab         M	Audi		4-DR							S	Sc	Sc	Ss	As	M	
BMW         3 Series w/SAB         4-DR         ****         *****         *****         *****         *****         *****         M           BMW         3 Series Wagon w/SAB         4-DR         ****         *****         ****         S         Sb         Sb         M           BMW         3 Series Wagon w/SAB         4-DR         *****         *****         *****         S         Sc         Sc         Ss         M           Cadillac         XLR w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette         2-DR         S         Ab         Ab         M           Chevrolet         Corvette w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette Z06         2-DR         S         Ab         Ab         M	Audi	A6/S6 w/SAB	4-DR							S	Sc	Sc	Ss	As	M	
BMW         3 Series W/SAB         Conv         S         Sb         M           BMW         3 Series Wagon w/SAB         4-DR         *****         *****         S         Sc         Sc         Sc         S         M           Cadillac         XLR w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette         2-DR         S         Ab         Ab         M           Chevrolet         Corvette w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette Z06         2-DR         S         Ab         Ab         M	BMW	3 Series w/SAB	2-DR							S	Sc	Sc	Ss		M	
BMW         3 Series Wagon w/SAB         4-DR         *****         *****         S         Sc         Sc         Ss         M           Cadillac         XLR w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette         2-DR         S         Ab         Ab         M           Chevrolet         Corvette w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette Z06         2-DR         S         Ab         Ab         M	BMW	3 Series w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Cadillac         XLR w/SAB         Conv         S         Sb         M           Chevrolet         Corvette         2-DR         S         Ab         Ab         M           Chevrolet         Corvette w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette Z06         2-DR         S         Ab         Ab         M	BMW	3 Series w/SAB	Conv							S	Sb		Sb		M	
Chevrolet         Corvette         2-DR         S         Ab         Ab         M           Chevrolet         Corvette w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette Z06         2-DR         S         Ab         Ab         M	BMW	3 Series Wagon w/SAB	4-DR	****	****			****		S	Sc	Sc	Ss		M	
Chevrolet         Corvette w/SAB         Conv         S         Sb         Sb         M           Chevrolet         Corvette Z06         2-DR         S         Ab         Ab         M	Cadillac	XLR w/SAB	Conv							S	Sb		Sb		M	
Chevrolet Corvette Z06 2-DR S Ab Ab M	Chevrolet	Corvette	2-DR							S	Ab		Ab		М	
	Chevrolet	Corvette w/SAB	Conv							S	Sb		Sb		M	
Chevrolet Malibu Maxx w/SAB 4-DR **** **** Sc Sc As M	Chevrolet	Corvette Z06	2-DR							S	Ab		Ab		M	
	Chevrolet	Malibu Maxx w/SAB	4-DR	****	****			****			Sc	Sc	As		M	

							RAT	INGS				SAFET FEATUR		F	AIR BAGS
					FRONTAL	CRASH /	SIDE CR	ASH /	ROLL	.OVER				SIDE	AIR BAGS
						Rear	The dispersion of the second		ROLL	onic Stabii.	tir Back The Control	Charles Histon	Air Bao . D. Cond Row	Air Bao Charle	AIR BAGS
Make	Model	8004	Dinio o	Passenge.	Z. Tall	2000		\\ \dag{\pi_{\text{\ti}\}\\ \text{\ti}}}\\ \text{\text{\text{\text{\text{\text{\texit{\text{\texi}\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texi}\text{\text{\texitit{\text{\text{\text{\texi{\texi{\texi{\texi}\text{\texit{\texi}	Elect		17 dd 18				5/
Chevrolet	Malibu w/SAB	4-DR	****	****	****	****	****			Sc	Sc	As		M	ĺ
Chevrolet	Monte Carlo	2-DR	****	****	***h	****	****			Ab		Ab		M	
Chevrolet	Monte Carlo w/SAB	2-DR	****	****	***	****	****			Ab		Ab		M	
Chrysler	Crossfire Roadster w/SAB	Conv							S			Sd		М	
Chrysler	Crossfire w/SAB	2-DR			****	NR	****		S			Sd		M	
Chrysler	PT Cruiser	Conv								Ab		Ab		M	
Chrysler	Sebring w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Dodge	Caliber w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	As		M	
Ford	Fusion w/SAB	4-DR	****	****	****	****	****	****		Sc	Sc	Ss		M	
Ford	Mustang	2-DR	****	****	****	NR	****			Ab		Ab		M	
Ford	Mustang	Conv								Ab		Ab		M	
Ford	Taurus	4-DR	****	****	***	***	****			Ab		Ab			
Ford	Taurus w/SAB	4-DR	****	****	***	***	****			Ab		Ab			
Honda	Accord Hybrid w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Honda	Accord w/SAB	2-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Honda	Accord w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Hyundai	Sonata w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Hyundai	Tiburon w/SAB	2-DR	****	****	****	NR	****		A	Ab		Ab			
Jaguar	XK w/SAB	2-DR							S	Sb		Sb			
Jaguar	XK w/SAB	Conv							S	Sb		Sb			
Jaguar	X-Type w/SAB	4-DR			****	****		****	S	Sc	Sc	Ss		M	
Jaguar	X-Type Wagon w/SAB	4-DR							S	Sc	Sc	Ss		M	
Kia	Optima w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Kia	Rondo w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Lexus	GS350/430 w/SAB	4-DR							S	Sc	Sc	Ss	As	M	
Lexus	GS450h w/SAB	4-DR							S	Sc	Sc	Ss	As	M	
Lexus	IS250/350 w/SAB	4-DR							S	Sc	Sc	Ss		M	
Lexus	LS460/460L w/SAB	4-DR							S	Sc	Sc	Ss	As		
Lexus	SC430	Conv							S			Ss		M	
Lincoln	MKZ w/SAB (Zephyr)	4-DR	****	****	****	****	****			Sc	Sc	Ss		M	
Mazda	Mazda6 Hatchback w/SAB	4-DR	****	****	***	****	****			Sc	Sc	Ss		M	
Mazda	Mazda6 w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Mazda	Mazda6 Wagon w/SAB	4-DR	****	****	****	****	***			Sc	Sc	Ss		М	
Mazda	RX-8 w/SAB	2-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
	_									_		_			

<sup>\*</sup>Code on page 18

							RAT	INGS				SAFET' FEATUR		AIR BAG
					FRONTAL	CRASH /	SIDE CR	ASH /	ROLL	.OVER				SIDE AIR BAGS
		,				Rear	The di			c Stabin.	Hes Air Bay Thoughou	Chen de Chen	Bac. T. Cond Pow	SIDE AIR BAGS
Make	Model	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Driver	Passena	Junit O Junit	Rear O Compant	25 / 27 × C. S.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Elect	Hoy	The Ati	Pa Air		Sta Air
Mercedes-Benz	C-Class w/SAB	4-DR	***	****	****	****	***		S	Sc	Sc	Sd	Ad	
Mercedes-Benz	CL-Class w/SAB	2-DR							S	Sc	Sc	Ss	Ss	M
Mercedes-Benz	CLK-Class w/SAB	2-DR							S	Sc	Sc	Sd	Ad	
Mercedes-Benz	CLK-Class w/SAB	Conv							S	Sb		Sb		
Mercury	Milan w/SAB	4-DR	****	****	****	****	****			Sc	Sc	Ss		M
Mitsubishi	Galant w/SAB	4-DR					****			Sc	Sc	Ss		M
Nissan	350Z	2-DR			****	NR	****		A	Ac		As		M
Nissan	Altima w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M
Nissan	Maxima w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M
Pontiac	G6	Conv							A			As		M
Pontiac	G6 w/SAB	2-DR	****	****			****		A	Sc	Sc	As		M
Pontiac	G6 w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	As		M
Pontiac	Grand Prix	4-DR	****	****	***	***	****		A	Ac	Ac			M
Porsche	911 w/SAB	2-DR							S	Sb		Ss		M
Porsche	911 w/SAB	Conv							S	Sb		Ss		M
Porsche	Boxster w/SAB	Conv							S	Sb		Ss		M
Porsche	Cayman w/SAB	2-DR							S	Sb		Ss		M
Saab	9-3 w/SAB	4-DR							S	Sc	Sc	Ss		M
Saab	9-3 w/SAB	Conv							S	Sb		Sb		M
Saab	9-3 Wagon w/SAB	4-DR							S	Sc	Sc	Ss		M
Subaru	Forester w/SAB	4-DR	****	****	****	****		****		Sb		Sb		M
Subaru	Impreza w/SAB	4-DR	****	****	****	****		****		Sb		Sb		M
Subaru	Impreza Wagon w/SAB	4-DR	****	****	****	****		****		Sb		Sb		M
Subaru	Legacy w/SAB	4-DR	****	****	****	****		****	A	Sc	Sc	Ss		M
Subaru	Legacy Wagon w/SAB	4-DR	****	****						Sc	Sc	Ss		M
Toyota	Camry Hybrid w/SAB	4-DR	****	****	****	****			S	Sc	Sc	Ss		M
Toyota	Camry Solara w/SAB	2-DR							A	Sc	Sc	Ss		M
Toyota	Camry Solara w/SAB	Conv							A			Ss		M
Toyota	Camry w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M
Volkswagen	Eos w/SAB	Conv							S	Sb		Sb		M
Volkswagen	GTI w/SAB	2-DR							S	Sc	Sc	Ss		M
Volkswagen	GTI w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss	As	M
Volkswagen	Jetta w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss	As	M
Volkswagen	Passat w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss	As	M
Volkswagen	Passat Wagon w/SAB	4-DR	****	****			****		S	Sc	Sc	Ss	As	M

	· <b>J</b> ·						RAT	INGS				SAFET FEATUR			AIR BAGS
					FRONTAL	CRASH /	SIDE CR	RASH /	ROLL	.OVER				SIDE	AIR BAGS
			\$	Passena	250	Rear	Heeding		ROLL	onic Stabili	Alir Bao James	Se Ches Chow	Air Bage Cond Row	SAD Air Bao	AIR BAGS
Make	Model	Road.	THE PARTY OF THE P	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Z. Z	Aca,	\$ \\ \dig \ \di		\\ \tag{\pi_{\open_{O}}}	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			<u>ී/ ජ</u>		3/
Volkswagen	Rabbit w/SAB	2-DR							A	Sc	Sc	Ss		M	
Volkswagen	Rabbit w/SAB	4-DR	****	****	****	****			A	Sc	Sc	Ss	As	M	
Volvo	C70 w/SAB	Conv							S	Sc	Sc	Ss			
Volvo	S40 w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Volvo	S60 w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss			
Volvo	V50 Wagon w/SAB	4-DR							A	Sc	Sc	Ss		M	
Volvo	V70 Wagon w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss			
Volvo	XC70 Wagon w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss		M	
Heavy Passeng	er Car														
Acura	RL w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss		M	
Acura	TL w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Audi	A8 w/SAB	4-DR							S	Sc	Sc	Ss	Ss	M	
Bentley	Arnage RL w/SAB	4-DR							S			Ss	Ss	M	
Bentley	Arnage T/R w/SAB	4-DR							S	Sc	Sc	Ss	Ss	M	
Bentley	Continental Flying Spur w/SAB	4-DR							S	Sc	Sc	Ss	Ss	M	
Bentley	Continental GT w/SAB	2-DR							S	Sc	Sc	Ss		M	
Bentley	Continental GTC w/SAB	Conv							S			Ss		М	
BMW	5 Series w/SAB	4-DR							S	St	St	Sd	Ad	M	
BMW	5 Series Wagon w/SAB	4-DR							S	St	St	Sd	Ad	M	
BMW	6 Series w/SAB	2-DR							S	St		Sd		M	
BMW	6 Series w/SAB	Conv							S			Sd		M	
BMW	7 Series w/SAB	4-DR							S	St	St	Sd	Ad	M	
Buick	LaCrosse w/SAB	4-DR	****	****	UR	UR	****		A	Sc	Sc			M	
Buick	Lucerne w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		М	
Cadillac	CTS w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Cadillac	DTS w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Cadillac	STS w/SAB	4-DR							S	Sc	Sc	Ss		M	
Chevrolet	Impala w/SAB	4-DR	****	****	****	****	****			Sc	Sc			М	
Chrysler	300	4-DR	****	****	****	****	****		A	Ac	Ac			М	
Dodge	Charger	4-DR	****	****	****	****	****		A	Ac	Ac			M	
Ford	Crown Victoria	4-DR	****	****	****	****	****			Ab		Ab		M	
Ford	Crown Victoria w/SAB	4-DR	****	****	****	****	****			Ab		Ab		М	
Ford	Five Hundred	4-DR	****	****	****	****	****	****		Ac	Ac	As		М	

<sup>\*</sup>Code on page 18

							RAT	INGS				SAFET' FEATUR		F	AIR BAGS
					FRONTAL	CRASH /	SIDE CR	ASH /	ROLL	.OVER				SIDE	AIR BAGS
			5	lassena.	Lion V	Rear Octobant	Medio			ronic Stabin.	Hear Hay	Che Air Bac. C. Hing How	Adir Bac Cond Row	Air Bac Charlow	AIR BAGS
Make	Model	80%	D. C. L.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Z. Z	16. P. J.	\$	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	\\ \tau_{00}^{\( \alpha \)_{0}}	/ ±			<sup>3</sup> / ජ		,/
Ford	Five Hundred w/SAB	4-DR	****	****	****	****	****			Ac	Ac	As		M	
Hyundai	Azera w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss	Ss	M	
Infiniti	G35 Coupe w/SAB	2-DR							S	Sc		Ss		M	
Infiniti	G35 Sedan w/SAB	4-DR							S	Sc	Sc	Ss		M	
Infiniti	M35/45 w/SAB	4-DR							S	Sc	Sc	Ss		M	
Jaguar	S-Type w/SAB	4-DR			****	****	****		S	Sc	Sc	Ss			
Jaguar	XJ w/SAB	4-DR							S	Sc	Sc	Ss		M	
Kia	Amanti w/SAB	4-DR							A	Sc	Sc	Ss	Ss	M	
Lexus	ES350 w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss	As	M	
Lincoln	Town Car w/SAB	4-DR	****	****	****	****	****			Sb		Sb		M	
Mercedes-Benz	CLS-Class w/SAB	4-DR							S	Sc	Sc	Ss	Sd	M	
Mercedes-Benz	E-Class w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss	Ss		
Mercedes-Benz	E-Class Wagon w/SAB	4-DR	****	****			****		S	Sc	Sc	Ss	Ss		
Mercedes-Benz	S-Class w/SAB	4-DR							S	Sc	Sc	Sd	Sd	M	
Mercedes-Benz	SL-Class w/SAB	Conv							S	Sb		Sb			
Mercury	Grand Marquis	4-DR	****	****	****	****	****			Ab		Ab		M	
Mercury	Grand Marquis w/SAB	4-DR	****	****	****	****	****			Ab		Ab		M	
Mercury	Montego	4-DR	****	****	****	****	****			Ac	Ac	As		M	
Mercury	Montego w/SAB	4-DR	****	****	****	****	****			Ac	Ac	As		M	
Nissan	350Z Roadster	Conv							A			As		M	
Rolls Royce	Phantom w/SAB	4-DR							S	St	St	Sd			
Saab	9-5 w/SAB	4-DR	****	****	****	****	****		S	Sb		Sb			
Saab	9-5 Wagon w/SAB	4-DR	****	****					S	Sb		Sb			
Saturn	Aura w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Toyota	Avalon w/SAB	4-DR	****	****	****	****	****		A	Sc	Sc	Ss		M	
Volvo	S80 w/SAB	4-DR							A	Sc	Sc	Ss			
Sport Utility Vel	nicle														
Acura	MDX w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc*	Ss		M	
Acura	RDX w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss		M	
Audi	Q7 w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc*	Ss	As	M	
BMW	X3 w/SAB	4-DR							S	Sc	Sc	Sd	Ad	M	
BMW	X5 w/SAB	4-DR							S	Sc	Sc	Ss			
Buick	Rainier	4-DR	***	****	****	****	***	****	S	Ac	Ac			M	
Buick	Rendezvous w/SAB	4-DR	***	****	****	****				Ab		Ab		M	
Cadillac	Escalade ESV w/SAB	4-DR	****	****			***	***	S	Sc	Sc*			M	
Cadillac	Escalade EXT w/SAB	4-DR	****	****			***	***	S	Sc	Sc			M	

							RAT	INGS				SAFET' FEATUR		AIR BAGS
					FRONTAL	CRASH /	SIDE CF	ASH /	ROLI	.OVER			SID	E AIR BAGS
		/			***	Rear O.	tuedus			OVER HE STAND	tir Bay	Che Air Bas S ROW	Chest Air Bag First Row	A Our of Position Plan
Make	Model	Sont.	D. C.	A Second	A Property	Rear (	4	\\ \dag{\pi_{\text{\ti}\}\\ \text{\ti}}}\\ \text{\text{\text{\text{\text{\text{\texit{\text{\texi}\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texi}\text{\text{\texitit{\text{\text{\text{\texi{\texi{\texi{\texi}\text{\texit{\texi}	Elegy	The state of the s	116.2. (d)	000		
Cadillac	Escalade w/SAB	4-DR	****	****			***	***	S	Sc	Sc*		M	1
Cadillac	SRX w/SAB	4-DR	****	****	****	****			S	Sc	Sc	Ss	M	
Chevrolet	Avalanche	4-DR	****	****			***	***	S	Ac	Ac		M	1
Chevrolet	Equinox	4-DR	****	****	****	****	****	****	S	Ac	Ac		M	
Chevrolet	HHR	4-DR	****	****	****	****	****			Ac	Ac		M	
Chevrolet	Suburban 1500	4-DR	****	****			***	***	S	Ac	Ac*		M	1
Chevrolet	Tahoe	4-DR	****	****			***	***	S	Ac	Ac*		M	
Chevrolet	Trailblazer	4-DR	***	****	****	****	***	****	S	Ac	Ac		M	1
Chrysler	Aspen w/SAB	4-DR	****	****			***	****	S	Sc	Sc*		M	1
Chrysler	Pacifica w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc*		M	
Dodge	Durango w/SAB	4-DR	****	****			***	****	S	Sc	Sc*		M	
Dodge	Magnum	4-DR	****	****	****	****	****		A	Ac	Ac		M	
Dodge	Nitro w/SAB	4-DR	****	****	****	****	***	***	S	Sc	Sc		M	
Ford	Edge w/SAB	4-DR	****	****	****	****	TBR	****	S	Sc	Sc	Ss	M	
Ford	Escape	4-DR	****	****	****	****	***	***		Ac	Ac	As	M	
Ford	Escape Hybrid	4-DR	****	****	****	****				Ac	Ac	As	M	
Ford	Expedition w/SAB	4-DR	****	****			***	****	S	Sc	Sc*	Ss	M	
Ford	Explorer Sport Trac w/SAB	4-DR	****	****	****	****	***	****	S	Ac	Ac	Ss	М	
Ford	Explorer w/SAB	4-DR	****	****	****	****	***	***	S	Ac	Ac	Ss	M	1
Ford	Freestyle	5-DR	****	****	****	****	****	****		Ac	Ac*	As	M	1
Ford	Freestyle w/SAB	5-DR	****	****	****	****	****	****		Ac	Ac*	As	M	
GMC	Acadia w/SAB	4-DR	****	****	****	****	TBR	TBR	S	Sc	Sc*	Ss	M	1
GMC	Envoy	4-DR	***	****	****	****	***	****	S	Ac	Ac		M	
GMC	Yukon	4-DR	****	****			***	***	S	Ac	Ac*		M	
GMC	Yukon XL w/SAB	4-DR	****	****			***	***	S	Ac	Ac*		M	
Honda	CR-V w/SAB	4-DR	****		****	****	****	****	S	Sc	Sc*	Ss	M	1
Honda	Element w/SAB	4-DR	****			****	***	***	S	Sc	Sc	Ss	M	1
Honda	Pilot w/SAB	4-DR	****			****	****	****	S	Sc	Sc*	Ss	M	
Hummer	H2	4-DR							Ů			50	1.1	
Hummer	H3	4-DR	****	****	****	****		***	S	Ac	Ac		M	
Hyundai	Santa Fe w/SAB	4-DR	****			****	****	****	S	Sc	Sc*	Ss	M	1
Hyundai	Tucson w/SAB	4-DR	****			****	****	****	S	Sc	Sc	Ss	M	1
Infiniti	FX35/45 w/SAB	4-DR	****			****	****	****	S	Sc	Sc	Ss	M	1
Infiniti	QX56 w/SAB	4-DR	****	****		****	***	***	S	Sc	Sc*	Ss	M	1
Isuzu	Ascender 5	4-DR		****		****	***	****	S	Ac	Ac	03	M	
IJUZU	Ascender 3	4-DI	***	A A A A A	A A A A A	AAAAA	A X X	* * * * *	٥	110	110		IVI	

<sup>\*</sup>Code on page 18

							RAT	INGS				SAFET FEATUR		P	IR BAGS
					FRONTAL	CRASH /	SIDE CR	ASH /	ROLL	.OVER				SIDE	AIR BAGS
									ROLL	Stabii.	To June of the of	Cho dir Bac. C. Hing Row	Scond Pon.	SAB Bag COW	
Make	Model	Bod	Driver	Passenge.	Jo Junia	Rear O Culpant		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Electric	Ho Conic	Hes.	Ali Ba		SAR Air B	10 1110
Isuzu	Ascender 7	4-DR	****	****			***	****	S	Ac	Ac			M	
Jeep	Commander w/SAB	4-DR	****	****				***	S	Sc	Sc*			M	
Jeep	Compass w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc	As			
Jeep	Grand Cherokee	4-DR	****	****	****	****	***	****	S	Sc	Sc			M	
Jeep	Liberty	4-DR	****	****	****	****	***	***	S	Ac	Ac			M	
Jeep	Patriot w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc	As			
Jeep	Wrangler Unlimited	2-DR							S	Ab		Ab		M	
Jeep	Wrangler Unlimited	4-DR	****	****			****	***	S	Ab		Ab		M	
Kia	Sorento w/SAB	4-DR	****	****	****	****	***	****	S	Sc	Sc			M	
Kia	Sportage w/SAB	4-DR	****	****	****	****	***	****	S	Sc	Sc	Ss		M	
Land Rover	LR3 w/SAB	4-DR							S	Sc	Sc*	Ss		M	
Land Rover	Range Rover Sport w/SAB	4-DR							S	Sc	Sc	Ss		М	
Land Rover	Range Rover w/SAB	4-DR							S	St	St	Ss			
Lexus	GX470 w/SAB	4-DR							S	Sc	Sc	Ss		M	
Lexus	LX470 w/SAB	4-DR							S	Sc	Sc	Ss		M	
Lexus	RX350 w/SAB	4-DR							S	Sc	Sc	Ss		M	
Lexus	RX400h w/SAB	4-DR							S	Sc	Sc	Ss		M	
Lincoln	MKX w/SAB	4-DR	****	****	****	****	TBR	****	S	Sc	Sc	Ss		M	
Lincoln	Navigator w/SAB	4-DR	****	****				****	S	Sc	Sc*	Ss		M	
Mazda	CX-7 w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc	Ss		M	
Mazda	CX-9 w/SAB	4-DR							S	Sc	Sc	Ss		M	
Mercedes-Benz	GL-Class w/SAB	4-DR							S	Sc	Sc*	Sd	Sd	M	
Mercedes-Benz	M-Class w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss	Ss		
Mercedes-Benz	R-Class w/SAB	4-DR							S	Sc	Sc*	Ss	Ss	M	
Mercury	Mariner	4-DR	****	****	****	****	***	***		Ac	Ac	As		M	
Mercury	Mariner Hybrid	4-DR	****	****	****	****				Ac	Ac	As		M	
Mercury	Mountaineer w/SAB	4-DR	****	****	****	****	***	***	S	Ac	Ac	Ss		M	
Mitsubishi	Endeavor w/SAB	4-DR							S	Sc	Sc	Ss		M	
Mitsubishi	Outlander w/SAB	4-DR							S	Sc	Sc	Ss		M	
Nissan	Armada w/SAB	4-DR	****	****			***	***	S	Sc	Sc*	As		M	
Nissan	Murano w/SAB	4-DR	****	****	****	****	****	****	A	Sc	Sc	Ss		M	
Nissan	Pathfinder	4-DR	****	****	****	****	***	***	S	Ac	Ac*	As		M	
Nissan	Xterra	4-DR	****	****	****	****	***	***	S	Ac	Ac	As		M	
Pontiac	Torrent	4-DR	****	****	****	****	****	****	S	Ac	Ac			M	
Saab	9-7X w/SAB	4-DR	***	****				****	S	Sc	Sc			M	

ww.sarci							RAT	INGS				SAFET FEATU		AIR BAGS
					FRONTAL	CRASH /	SIDE CF	ASH /	ROLL	.OVER			SIE	DE AIR BAGS
		/				Rear O.	Medio			onic Stabit.	Head Hir Bay Control	Cho Air Bac. C. Row	Charles History W	DE AIR BAGS  MONTH OF THE PROPERTY OF THE PROP
Make	Model	Book	D. C.	Passenge.	Tunia Tunia	A Gar	\$\frac{\pi_{\sigma}}{2}\cdot	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Elect					
Saturn	Outlook w/SAB	4-DR	****	****	****	****	TBR	TBR	S	Sc	Sc*	Ss	M	
Saturn	VUE	4-DR	****	****	****	****	***	***		Ac	Ac		M	
Subaru	Outback w/SAB	4-DR	****	****	****	****			A	Sc	Sc	Ss	M	
Subaru	Outback Wagon w/SAB	4-DR	****	****	****	****		****	A	Sc	Sc	Ss	M	
Subaru	Tribeca w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss	M	
Suzuki	Grand Vitara w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc	Ss	M	
Suzuki	XL7 w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc*		M	
Toyota	4Runner	4-DR	****	****	****	****	***	***	S	Ac	Ac	As	M	
Toyota	FJ Crusier	4-DR	****	****	****	****	***	***	S	Ac	Ac	As	M	
Toyota	Highlander Hybrid w/SAB	4-DR							S	Sc	Sc	Ss	M	
Toyota	Highlander w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc	Ss	M	
Toyota	Landcruiser	4-DR							S	Sc	Sc	Ss	M	
Toyota	RAV4 w/SAB	4-DR	****	****	****	****	****	****	S	Sc	Sc	Ss	M	
Toyota	Sequoia w/SAB	4-DR							S	Sc		Ss	M	
Volkswagen	Touareg w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss	M	
Volvo	XC90 w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss	M	
Pickup														
Chevrolet	Colorado	2-DR	****	****	****	NR	****	****		Ac			M	
Chevrolet	Colorado	4-DR	****	****	****	****	****	****		Ac	Ac		M	
Chevrolet	Colorado Extended Cab	2-DR	****	****	****	NR	***	****		Ac	Ac		М	
Chevrolet	Silverado 1500	2-DR	****	****			****	****		Ac			M	
Chevrolet	Silverado 1500	4-DR	****	****			****	****	S	Ac	Ac		M	
Chevrolet	Silverado 1500 Classic	4-DR	****	***			****	****						
Chevrolet	Silverado 1500 Classic	2-DR	****	***			****	****						
Chevrolet	Silverado 1500 Classic Extended Cab	2-DR	****	***			***	****						
Chevrolet	Silverado 1500 Extended Cab	2-DR	****	****			***	****	A	Ac	Ac		М	
Dodge	Dakota	4-DR	****	****	****	****	****	****		Ac	Ac		M	
Dodge	Dakota Extended Cab	2-DR	****	****	****	NR	****	****		Ac	Ac		M	
Dodge	Ram 1500	2-DR	****	****			****	****	A	Ac			M	
Dodge	Ram 1500	4-DR	****	****			****	****	A	Ac	Ac		M	
Ford	F-150	2-DR	****	****			****	****	A					
Ford	F-150	4-DR	****	****			****	****	A					

<sup>\*</sup>Code on page 18

							RAT	INGS				SAFET FEATUR		AIR BA
					FRONTAL	CRASH /	SIDE CF	RASH /	ROLI	OVER				SIDE AIR BA
			/	<i>/</i>							He i Bay Ing Contra!	Che Air Bag. C. Hing Row	/ <u>à</u>	SABOUTE BOS SCOND ROW
											COM	Che Bas Chow	/ Page	SAB Out of Posit
				/	/ /	Rear	/ ≈ /	/ ,		19				
		/	/ /		s /	Rear	The last		/	, 25°	Bao	200	100 pt	1 2 Sept 20
		ı / <sub>*</sub>	D. C.	A Seen			7/12	/,~	/ 8					
Make	Model	80.00	200	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		/ Qu'	\$	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	120	/ ×	\$ \ \pm\{ \pm\} \pm\{ \pm\} \pm\} \pm\{ \pm\{ \pm\{ \pm\{ \pm\{ \pm\} \p			<u> </u>
Ford	F-150 Extended Cab	2-DR	****	****			****	****	A					
Ford	Ranger	2-DR	****	****	****	NR	***	**						
Ford	Ranger Extended Cab	2-DR	****	****	****	NR	***	**						
GMC	Canyon	2-DR	****	****	****	NR	****	****		Ac				M
GMC	Canyon	4-DR	****	****	****	****	****	****		Ac	Ac			M
GMC	Canyon Extended Cab	2-DR	****	****	****	NR	****	****		Ac	Ac			M
GMC	Sierra 1500	2-DR	****	****			****	****		Ac				M
GMC	Sierra 1500	4-DR	****	****			****	****	S	Ac	Ac			M
GMC	Sierra 1500 Classic	2-DR	****	***			****	****						
GMC	Sierra 1500 Classic	4-DR	****	***			****	****						
GMC	Sierra 1500 Classic Extended Cab	2-DR	****	***			****	***						
GMC	Sierra 1500 Extended Cab		****	****			****	****	A	Ac	Ac			M
Honda	Ridgeline w/SAB	4-DR	****	****	****	****		****	S	Sc	Sc	Ss		M
Hummer	H2	4-DR												
Isuzu	I-290 Extended Cab	2-DR	****	****	****	NR	****	****		Ac	Ac			M
Isuzu	I-370	4-DR	****	****	****	****	****	****		Ac	Ac			M
Lincoln	Mark LT	4-DR	****	****			****	****	S					
Mazda	B-Series	2-DR	****	****	****	NR	***	**						
Mazda	B-Series Extended Cab	2-DR	****	****	****	NR	***	**						
Nissan	Frontier	4-DR	****	****	****	****	***	****	A	Ac	Ac	As		M
Nissan	Frontier Extended Cab	2-DR	***	***	****	NR	***	****	A	Ac	Ac	As		M
Nissan	Titan	4-DR	****	****			****	***	A	Ac	Ac	As		M
Nissan	Titan Extended Cab	2-DR	****	****			****	***	A	Ac	Ac	As		M
Toyota	Tacoma	2-DR	****	****	****	NR	****	****	A					
Toyota	Tacoma	4-DR	****	****	****	****	****	****	A	Ac	Ac	As		M
Toyota	Tacoma Extended Cab	2-DR	****	****	****	NR	****	****	A					
Toyota	Tundra Extended Cab	2-DR	****	****			TBR	TBR	S	Sc	Sc	Ss		
Toyota	Tundra w/SAB	2-DR	****	****			TBR	TBR	S	Sc	Sc	Ss		
Toyota	Tundra w/SAB	4-DR	TBR	TBR			TBR	TBR	S	Sc	Sc	Ss		
Van														
Buick	Terraza		****	****	****	****	***		S	Ab	Ab	Ab	Ab	M
Chevrolet	Express 1500		****	****			***							
Chevrolet	Express 15 Passenger						***		S					
Chevrolet	Uplander		****	****	****	****	***		A	Ab	Ab	Ab	Ab	M

							RAT	INGS				SAFET FEATUR		ı	AIR BAGS
					FRONTAL	crash /	SIDE CR	ASH /	ROLI	.OVER	7		/		AIR BAGS
		. /	5	Passeng		Rear O.	tuedin			onic Stabin.	Head Hir Bage , Tontrol	Che Air Bac. C. Row	Air Bac Scond Rom	SAD Air Bao Hirst Row	DOM OF SECONDARY
Make	Model	200	Dinie of the state	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Zioni.	Acar Land	, \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Lie C	2			? S		9
Chrysler	PT Cruiser	4-DR	****	****			****			Ab		Ab		M	
Chrysler	PT Cruiser w/SAB	4-DR	****	****	****	****	****			Ab		Ab		M	
Chrysler	Town & Country w/LWB		****	****	****	****	****			Ac	Ac*			M	
Chrysler	Town & Country w/SWB		****	****	****	****	****			Ac	Ac*			М	
Dodge	Caravan		****	****	****	****	****			Ac	Ac*			M	
Dodge	Grand Caravan		****	****	****	****	****			Ac	Ac*			M	
Dodge	Sprinter								S	Ac		As			
Ford	E-150						TBR								
Ford	E-350 15 Passenger						**		S						
Ford	Freestar	3-DR	****	****	****	****	****		A	Ac	Ac*	As		M	
GMC	Savana		****	****			***		A						
GMC	Savana 15 Passenger						***		S						
Honda	Odyssey w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc*	Ss		M	
Hyundai	Entourage w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Kia	Sedona w/SAB	4-DR	****	****	****	****	****		S	Sc	Sc	Ss		M	
Mazda	Mazda5 w/SAB									Sc	Sc*	Ss		M	
Mercury	Monterey w/SAB	3-DR	****	****			****		A	Sc	Sc*	Ss		M	
Nissan	Quest w/SAB		****	****	****	****	****		A	Sc	Sc*	As		M	
Saturn	Relay		****	****	****	****	***		S	Ab	Ab	Ab	Ab	M	
Toyota	Sienna w/SAB		****	****	****	****	****		A	Sc	Sc*	Ss		M	

Ratings		Safety Key			
Code	Definition	Code	Definition	Code	Definition
TBT	To Be Tested	S	Standard	d	Door-Mounted Torso Air Bag for
ND	No Data	A	Available (optional)		chest protection
h	Higher Likelihood of Head Injury	b	Combo Air Bag for head and chest protection	S	Seat-Mounted Torso Air Bag for chest protection
++	Door Became Unlatched	С	Curtain Air Bag for head	*	Curtain Air Bag For Third Row
UR	Under Review		protection	M	Meets Requirements for TWG SAB
!	Safety Concerns	t	Tube Air Bag for head protection	NR	out of position tests Not Rated