

safercar.gov

safercar.gov

On the Web
www.safercar.gov
DOT Vehicle Safety Hotline
888-327-4236

TDD 800-424-9153

BUYING A SAFER CAR **2009**

★★★★★
NHTSA
www.nhtsa.gov



DOT HS 811 176
June 2009

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

CONTENTS

- Safety First 2
- Government Safety Ratings 2
 - Frontal Crash Testing 2
 - Side Impact Crash Testing 3
 - Rollover Testing 3
- Safety Features 3
 - Electronic Stability Control 4
 - Side Air Bags 4
 - SAB Out-of-Position Tests 5
- Driving Safety 5
 - Seat Belts 5
 - Enhanced Seat Belt Reminder Systems 5
 - Frontal Air Bags 5
 - Advanced (Frontal) Air Bag Systems 5
 - On-Off Switches 6
 - Tire Pressure Monitoring System 6
 - Consider Vehicle Weight 7
- For More Information 7
- Crash Test Results and Safety Features Charts 8



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 and thorax 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 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 2009 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 RATINGS

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 that have improved safety features. 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, neck, chest, pelvis, legs, and feet. The resulting information indicates a belted person's chances of incurring a serious head and chest injury to the driver and right-front-seat passenger 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 Impact Crash Testing

Side impact testing represents an intersection-type 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 serious 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) that 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 rollover. One of the reasons a rollover is 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.

- ★★★★★ = less than 10 percent chance of rollover in single vehicle crash
- ★★★★ = between 11 and 20 percent chance of rollover in single vehicle crash
- ★★★ = between 21 and 30 percent chance of rollover in single vehicle crash
- ★★ = between 31 and 40 percent chance of rollover in single vehicle crash
- ★ = greater than 40 percent chance of rollover in single vehicle crash

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 and thorax 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

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 26 percent and single-vehicle crashes of SUVs by 48 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 64 percent of passenger car rollovers and 85 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 issued 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 standard requires 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

Side 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 occupants 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 issued a final rule to upgrade FMVSS No. 214 to encourage vehicle manufacturers to assure side impact protection for a wider range of occupant sizes and over a broader range of seating positions through the installation of side curtain air bags and torso side air bags. These air bags are capable of improving head and thorax protection to occupants of vehicles that are struck laterally.

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. Some curtain SABs found on convertibles may deploy upwards from the door window sill. 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 side impact 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. Proper fit means that the lap belt will rest on the upper thighs and the shoulder belt across the chest. 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 seat belt reminder systems.

Enhanced Seat Belt Reminder Systems

The purpose of a seat belt reminder system is to remind vehicle occupants to wear their seat belts. FMVSS No. 208 requires all vehicles to have at least

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 enhanced systems that go beyond FMVSS No. 208 and provide additional warnings when drivers and/or other occupants are not using seat belts. These systems have visual and/or audio warnings to remind occupants to buckle up. In addition, some of these systems also sense how fast the vehicle is traveling, and increase the frequency of the warning. Some vehicles are equipped with seat belt reminder systems for rear seat passengers. Visit www.safercar.gov or review the owner's manual to find out if the vehicle has an enhanced seat belt reminder system.

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 light 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 light vehicles are required to be certified to the new FMVSS No. 208 for advanced air bags.

Advanced air bag systems are 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 breastbone and the center of the air bag cover (driver only).
- Never place a rear-facing infant seat in front of an air bag, even a reduced-power or advanced air bag, unless the vehicle has an air bag on-off switch and it is in the OFF position.
- Place children 12 and younger 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 12 and younger in the rear seat.*

On-Off Switches

An on-off switch can deactivate the driver's or passenger's air bag. Some vehicles without rear seats or with small rear seats, such as pickups and sports

cars, may 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 passenger air bag 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 12 or younger, including an infant riding in a 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 air bag cover and your breastbone.

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

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 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 began phasing TPMS into their new vehicles, and all new vehicles manufactured after **September 1, 2007, 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 energy-absorbing 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.

Make	Model		FRONTAL CRASH						SIDE CRASH		ROLLOVER		SAFETY			
			Body	Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4	Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests			
Mini Passenger Car																
Smart	Fortwo w/SAB	2dr	★★★★	★★★	★★★★★ ^d		★★★		S	SBs1	SB1	M				
Smart	Fortwo w/SAB	Conv					★★★		S	SBs1	SB1	M				
Light Passenger Car																
Audi	A5 w/SAB	2dr							S	STs1	SC2	M				
Audi	R8 w/SAB	2dr							S	SBs1	SB1	M				
Audi	S5 w/SAB	2dr							S	STs1	SC2	M				
Chevrolet	Aveo Hatchback w/SAB	5dr	★★★★★	★★★★★	★★★★	★★★★	★★★★			SBs1	SB1	M				
Honda	Fit Hatchback w/SAB	5dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★		O	STs1	SC2	M				
Mazda	MX-5/ Miata w/SAB	Conv							O	SBs1	SB1	M				
Mercedes-Benz	SLK-Class w/SAB	Conv							S	SBs1	SB1	M				
MINI	Clubman S w/SAB	2dr							S	STs1	SC2					
MINI	Clubman w/SAB	2dr							S	STs1	SC2					
MINI	Cooper S w/SAB	2dr	★★★★	★★★★	★★★★★	★★★★	★★★★★		S	STs1	SC2	M				
MINI	Cooper S w/SAB	Conv					★★★★★		S	SBs1	SB1	M				
MINI	Cooper w/SAB	2dr	★★★★	★★★★	★★★★★	★★★★	★★★★★		S	STs1	SC2	M				
MINI	Cooper w/SAB	Conv					★★★★★		S	SBs1	SB1	M				
MINI	John Cooper Works w/SAB	2dr	★★★★	★★★★	★★★★★	★★★★	★★★★★		S	STs1	SC2	M				
MINI	John Cooper Works w/SAB	Conv					★★★★★		S	SBs1	SB1	M				
Pontiac	G3 Hatchback w/SAB	5dr	★★★★★	★★★★★	★★★★	★★★★	★★★★			SBs1	SB1	M				
Toyota	Yaris Liftback w/SAB	2dr	★★★★★	★★★★	★★★★★	★★★	★★★★			STs1	SC2	M				
Toyota	Yaris Liftback w/SAB	4dr	★★★★	★★★★	★★★★	★★★★	★★★★			STs1	SC2	M				
Toyota	Yaris w/SAB	4dr	★★★★	★★★★	★★★★	★★★★	★★★★			STs1	SC2	M				
Volvo	C30 w/SAB	2dr							S	STs1	SC2	M				
Compact Passenger Car																
BMW	128i/135i w/SAB	2dr							S	STs1	SC2					
BMW	128i/135i w/SAB	Conv							S	SBs1	SB1					
Chevrolet	Aveo w/SAB	4dr	★★★★★	★★★★	★★★★	★★★	★★★★			SBs1	SB1	M				
Chevrolet	Cobalt w/SAB	2dr	★★★★	★★★★★	★★★★	★★★★	★★★★		O		SC2	M				
Chevrolet	Cobalt w/SAB	4dr	★★★★	★★★★★	★★★	★★★★★	★★★★		O		SC2	M				
Ford	Focus Hatchback w/SAB	2dr	★★★★★	★★★★★	★★★	★★★	★★★★		O	STs1	SC2	M				
Ford	Focus w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★		O	STs1	SC2	M				
Honda	Civic GX (CNG) w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★			STs1	SC2	M				
Honda	Civic Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★		S	STs1	SC2	M				
Honda	Civic w/SAB	2dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★		O	STs1	SC2	M				
Honda	Civic w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★		O	STs1	SC2	M				
Honda	S2000	Conv	★★★★	★★★★	★★★★★		★★★★★		S							
Hyundai	Accent w/SAB	3dr								STs1	SC2	M				
Hyundai	Accent w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★	★★★★			STs1	SC2	M				

Make	Model	Body	RATINGS							SAFETY FEATURE	AIR BAGS			
			FRONTAL CRASH			SIDE CRASH		ROLLOVER			Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4						
Hyundai	Elantra w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★	★★★★		O	STs1	SC2	M		
Hyundai	Elantra Touring w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★	★★★★		S	STs1	SC2			
Kia	Rio w/SAB	4dr	★★★★	★★★★★	★★★★	★★★	★★★★			STs1	SC2	M		
Kia	Rio w/SAB	5dr	★★★★	★★★★★	★★★★	★★★	★★★★			STs1	SC2	M		
Kia	Spectra w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★	★★★★			STs1	SC2	M		
Kia	Spectra w/SAB	5dr	★★★★★	★★★★★	★★★★	★★★★	★★★★			STs1	SC2	M		
Mazda	Mazda3 Hatchback w/SAB	5dr	★★★★	★★★★			★★★★		O	STs1	SC2	M		
Mazda	Mazda3 w/SAB	4dr	★★★★	★★★★			★★★★		O	STs1	SC2	M		
Mitsubishi	Eclipse Spyder w/SAB	Conv							O	SBs1	SB1	M		
Mitsubishi	Eclipse Hatchback w/SAB	3dr							O	STs1	SC1	M		
Mitsubishi	Lancer Evolution w/SAB	4dr							S	STs1	SC2	M		
Mitsubishi	Lancer w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★	O	STs1	SC2	M		
Nissan	Sentra w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★			STs1	SC2	M		
Nissan	Versa Hatchback w/SAB	4dr	★★★★	★★★★	★★★★	★★★★	★★★★			STs1	SC2	M		
Nissan	Versa w/SAB	4dr	★★★★	★★★★	★★★★	★★★★	★★★★			STs1	SC2	M		
Pontiac	G5 w/SAB	2dr	★★★★	★★★★★	★★★★	★★★★	★★★★		O		SC2	M		
Pontiac	Solstice	2dr	★★★★	★★★★	★★★★		★★★★★		S					
Pontiac	Solstice	Conv	★★★★	★★★★	★★★★		★★★★★		S					
Pontiac	Vibe w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★	S	STs1	SC2	M		
Saturn	Astra w/SAB	2dr							S	STs1	SC2	M		
Saturn	Astra w/SAB	4dr							O	STs1	SC2	M		
Saturn	Sky	Conv	★★★★	★★★★	★★★★		★★★★★		S					
Toyota	Corolla w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★		O	STs1	SC2	M		
Toyota	Matrix w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★	O	STs1	SC2	M		
Toyota	Prius w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★		O	STs1	SC2	M		
Toyota	Scion tC w/SAB	2dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★			STs1	SC2	M		
Toyota	Scion xD w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★		O	STs1	SC2	M		
Volkswagen	New Beetle w/SAB	2dr	★★★★	★★★★	★★★★★	★★★	★★★★		S	SBs1	SB1	M		
Volkswagen	New Beetle w/SAB	Conv	★★★★	★★★★			★★★★		S	SBs1	SB1	M		
Medium Passenger Car														
Acura	TSX w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC2	M		
Audi	A3 w/SAB	4dr							S	STs1/OTs2	SC2	M		
Audi	A4 Cabriolet w/SAB	Conv							S	SBs1	SB1	M		
Audi	A6 Avant w/SAB	4dr							S	STs1/OTs2	SC2	M		
Audi	A6 w/SAB	4dr							S	STs1/OTs2	SC2	M		
Audi	S6 w/SAB	4dr							S	STs1/OTs2	SC2	M		
Audi	TT w/SAB	2dr							S	SBs1	SB1	M		
Audi	TT w/SAB	Conv							S	SBs1	SB1	M		
Audi	TTS w/SAB	2dr							S	SBs1	SB1	M		

Make	Model	Body	FRONTAL CRASH						SIDE CRASH		ROLLOVER		SAFETY	
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4	Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests		
Audi	TTS w/SAB	Conv								S	SBs1	SB1	M	
BMW	3 Series w/SAB	2dr								S	STs1	SC2	M	
BMW	3 Series w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M	
BMW	3 Series w/SAB	Conv								S	SBs1	SB1	M	
BMW	3 Series Wagon w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M	
Cadillac	XLR w/SAB	Conv								S	SBs1	SB1	M	
Chevrolet	Corvette w/SAB	2dr								S	OBs1	OB1	M	
Chevrolet	Corvette w/SAB	Conv								S	OBs1	OB1	M	
Chevrolet	Corvette Z06 w/SAB	2dr								S	OBs1	OB1	M	
Chevrolet	Corvette ZR1 w/SAB	2dr								S	OBs1	OB1	M	
Chevrolet	Malibu Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M	
Chevrolet	Malibu w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M	
Chrysler	Sebring w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★		O	STs1	SC2	M	
Dodge	Avenger w/SAB	4dr	★★★★★	★★★★★	★★★★★ ^d	★★★★	★★★★	★★★★		O	STs1	SC2	M	
Dodge	Caliber w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★		O	OTs1	SC2	M	
Dodge	Viper Roadster w/SAB	Conv												
Dodge	Viper w/SAB	2dr												
Ford	Fusion w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★★	★★★★★	O	STs1	SC2	M	
Ford	Mustang w/SAB	2dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★★	★★★★★			SBs1	SB1	M	
Honda	Accord w/SAB	2dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC2	M	
Honda	Accord w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★	★★★★★	★★★★★		S	STs1	SC2	M	
Honda	FCX w/SAB	4dr								S	STs1	SC2	M	
Hyundai	Sonata w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M	
Infiniti	G37 w/SAB	2dr								S	STs1	SC2	M	
Jaguar	XF w/SAB	4dr								S	STs1	SC2	M	
Jaguar	XK w/SAB	2dr								S	SBs1	SB1	M	
Jaguar	XK w/SAB	Conv								S	SBs1	SB1	M	
Kia	Optima w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M	
Kia	Rondo w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★		S	STs1	SC2/3	M	
Lexus	GS350/460 w/SAB	4dr								S	STs1/OTs2	SC2	M	
Lexus	GS450h w/SAB	4dr								S	STs1/OTs2	SC2	M	
Lexus	IS F w/SAB	4dr								S	STs1	SC2	M	
Lexus	IS250/350 w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★★	★★★★★		S	STs1	SC2	M	
Lexus	LS460/460L w/SAB	4dr								S	STs1/OTs2	SC2	M	
Lexus	LS600hL w/SAB	4dr								S	STs1/OTs2	SC2	M	
Lexus	SC430 w/SAB	Conv								S	STs1		M	
Lincoln	MKZ w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★★		S	STs1	SC2	M	
Mazda	Mazda5 w/SAB	5dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★			STs1	SC3	M	
Mazda	Mazda6 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC2	M	

Make	Model	Body	FRONTAL CRASH		SIDE CRASH		ROLLOVER		Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4				
Mazda	RX-8 w/SAB	4dr	★★★★	★★★★★	★★★★	★★★★	★★★★★		O	STs1	SC2	M
Mercedes-Benz	C-Class w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STd1	SC2	M
Mercedes-Benz	CL-Class w/SAB	2dr							S	STs2	SC2	M
Mercedes-Benz	CLK-Class w/SAB	2dr							S	STd2	SC2	
Mercedes-Benz	CLK-Class w/SAB	Conv							S	SBs1	SB1	
Mercedes-Benz	SLR-Class w/SAB	2dr							S	SBd1	SB1	
Mercury	Milan w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★★	O	STs1	SC2	M
Mitsubishi	Galant w/SAB	4dr	★★★★	★★★★★	★★★★★	★★★★★	★★★★			STs1	SC2	M
Nissan	370Z w/SAB	2dr							S	STs1	SC1	M
Nissan	Altima Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Nissan	Altima w/SAB	2dr	★★★★	★★★★	★★★★★	★★★★★	★★★★★		O	STs1	SC2	M
Nissan	Altima w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		O	STs1	SC2	M
Nissan	GT-R	2dr							S	OTs1	OC1	M
Pontiac	G6 w/SAB	2dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★★		O	STs1	SC2	M
Pontiac	G6 w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★		O	STs1	SC2	M
Pontiac	G6 w/SAB	Conv					★★★★★		S	STs1		M
Porsche	911 Carrera 4 Cabriolet w/SAB	Conv							S	STd1	SB1	M
Porsche	911 Carrera 4 w/SAB	2dr							S	STd1	SB1	M
Porsche	911 Carrera Cabriolet w/SAB	Conv							S	STd1	SB1	M
Porsche	911 Carrera w/SAB	2dr							S	STd1	SB1	M
Porsche	911 Targa w/SAB	2dr							S	STd1	SB1	M
Porsche	911 Turbo Cabriolet w/SAB	Conv							S	STd1	SB1	M
Porsche	911 Turbo w/SAB	2dr							S	STd1	SB1	M
Porsche	Boxster w/SAB	Conv							S	STd1	SB1	M
Porsche	Cayman w/SAB	2dr							S	STd1	SB1	M
Saab	9-3 w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★	S	STs1	SC2	M
Saab	9-3 w/SAB	Conv							S	SBs1	SB1	M
Saab	9-3 Wagon w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★	S	STs1	SC2	M
Subaru	Impreza w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★		★★★★	S	STs1	SC2	M
Subaru	Impreza Wagon w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★		★★★★	S	STs1	SC2	M
Subaru	Legacy w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	O	STs1	SC2	M
Suzuki	SX4 w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★		O	STs1	SC2	M
Suzuki	SX4 Wagon w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★	S	STs1	SC2	M
Toyota	Camry Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Toyota	Camry w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		O	STs1	SC2	M
Toyota	Scion xB Wagon w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Volkswagen	CC w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★	S	STs1/OTs2	SC2	M
Volkswagen	Eos w/SAB	Conv							S	SBs1	SB1	M

Make	Model	Body	FRONTAL CRASH						SIDE CRASH		ROLLOVER		Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4								
Volkswagen	GLI w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★			S	STs1/OTs2	SC2	M			
Volkswagen	GTI w/SAB	2dr								S	STs1	SC2	M			
Volkswagen	GTI w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★			S	STs1/OTs2	SC2	M			
Volkswagen	Jetta Sportwagen w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★			S	STs1/OTs2	SC2	M			
Volkswagen	Jetta w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★			S	STs1/OTs2	SC2	M			
Volkswagen	Passat w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★			S	STs1/OTs2	SC2	M			
Volkswagen	Passat Wagon w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★	★★★★			S	STs1/OTs2	SC2	M			
Volkswagen	Rabbit w/SAB	2dr								S	STs1	SC2	M			
Volkswagen	Rabbit w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★			S	STs1/OTs2	SC2	M			
Volvo	C70 w/SAB	Conv								S	STs1	SC1	M			
Volvo	S40 w/SAB	4dr	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M			
Volvo	S60 w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC2	M			
Volvo	V50 w/SAB	4dr								S	STs1	SC2	M			
Volvo	V70 w/SAB	4dr								S	STs1	SC2	M			
Volvo	XC70 w/SAB	4dr								S	STs1	SC2	M			
Heavy Passenger Car																
Acura	RL w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★★		S	STs1	SC2	M			
Acura	TL w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC2	M			
Audi	A4 Avant w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★★		S	STs1/OTs2	SC2	M			
Audi	A4 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1/OTs2	SC2	M			
Audi	A8 w/SAB	4dr								S	STs2	SC2	M			
Bentley	Arnage RL w/SAB	4dr								S	STs2		M			
Bentley	Arnage T/R w/SAB	4dr								S	STs2	SC2	M			
Bentley	Continental Flying Spur w/SAB	4dr								S	STs2	SC2	M			
Bentley	Continental GT w/SAB	2dr								S	STs1	SC2	M			
Bentley	Continental GTC w/SAB	Conv								S	STs1		M			
BMW	5 Series w/SAB	4dr	★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STd1/OTd2	SS2	M			
BMW	5 Series Wagon w/SAB	4dr	★★★	★★★★★	★★★★★	★★★★★		★★★★		S	STd1/OTd2	SS2	M			
BMW	6 Series w/SAB	2dr								S	STd1	SS1	M			
BMW	6 Series w/SAB	Conv								S	STd1		M			
BMW	7 Series w/SAB	4dr								S	STd1	SC2	M			
Buick	LaCrosse w/SAB	4dr	★★★★★	★★★★★	★★★	★★★★	★★★★			O		SC2	M			
Buick	Lucerne w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★	★★★★★			O	STs1	SC2	M			
Cadillac	CTS w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★		S	STs1	SC2	M			
Cadillac	DTS w/SAB	4dr	★★★★★	★★★★	★★★★	★★★★	★★★★			S	STs1	SC2	M			
Cadillac	STS w/SAB	4dr	★★★★	★★★★	★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC2	M			
Chevrolet	Impala w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★			O		SC2	M			
Chrysler	300	4dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★	★★★★		O	OTs1	OC2	M			

Make	Model	Body	SAFETY											
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4	Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests		
Chrysler	Sebring w/SAB	Conv	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★			O	SBs1	SB1	
Dodge	Challenger w/SAB	2dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★			O		SC2	M
Dodge	Charger	4dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★		O	OTs1	OC2	M
Ford	Crown Victoria w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★				SBs1	SB1	M
Ford	Mustang w/SAB	Conv	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★				SBs1	SB1	
Ford	Taurus w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Hyundai	Azera w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★			S	STs2	SC2	M
Hyundai	Genesis w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★			S	STs2	SC2	M
Infiniti	EX35 w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Infiniti	G37 w/SAB	Conv									S	STs1	SBd1	
Infiniti	G37 w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC2	M
Infiniti	M35/45 w/SAB	4dr									S	STs1	SC2	M
Jaguar	XJ w/SAB	4dr									S	STs1	SC2	M
Kia	Amanti w/SAB	4dr									S	STs2	SC2	M
Lexus	ES350 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★			S	STs1/OTs2	SC2	M
Lincoln	MKS w/SAB (Early Release)	4dr	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Lincoln	MKS w/SAB (Later Release)	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Lincoln	Town Car w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★				SBs1	SB1	M
Mercedes-Benz	CLS-Class w/SAB	4dr									S	STs2	SC2	
Mercedes-Benz	E-Class w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs2	SC2	
Mercedes-Benz	E-Class Wagon w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs2	SC2	
Mercedes-Benz	Maybach 57 w/SAB	4dr									S	STs2	SC2	
Mercedes-Benz	Maybach 62 w/SAB	4dr									S	STs2	SC2	
Mercedes-Benz	S-Class w/SAB	4dr									S	STs2	SC2	M
Mercedes-Benz	SL-Class w/SAB	Conv									S	SBd1	SB1	
Mercury	Grand Marquis w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★				SBs1	SB1	M
Mercury	Sable w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S	STs1	SC2	M
Nissan	350Z Roadster w/SAB	Conv	★★★★★	★★★★	★★★★★		★★★★★				O	STs1		M
Nissan	Maxima w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★			S	STs1	SC2	M
Pontiac	G8 w/SAB	4dr									S	STs1	SC2	M
Saab	9-5 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★			S	SBs1	SB1	
Saab	9-5 Wagon w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★			S	SBs1	SB1	
Saturn	Aura Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★			S	STs1	SC2	M
Saturn	Aura w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★			S	STs1	SC2	M
Toyota	Avalon w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★			S	STs1	SC2	M
Volvo	S80 w/SAB	4dr									S	STs1	SC2	M
Sport Utility Vehicle														
Acura	MDX w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		★★★★		S	STs1	SC3	M

Make	Model	Body	FRONTAL CRASH		SIDE CRASH		ROLLOVER		Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4				
Acura	RDX w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs1	SC2	M
Audi	Q5 w/SAB	4dr							S	STs1/OTs2	SC2	M
Audi	Q7 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs1/OTs2	SC3	M
BMW	X3 w/SAB	4dr							S	STd1/OTd2	SC2	M
BMW	X5 w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★		★★★★	S	STs1	SC2	M
Buick	Enclave w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Cadillac	Escalade ESV w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
Cadillac	Escalade EXT w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★	S		SC2	M
Cadillac	Escalade Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
Cadillac	Escalade w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
Cadillac	SRX w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★	★★★★	S	STs1	SC2	M
Chevrolet	Avalanche w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC2	M
Chevrolet	Equinox w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★	★★★★	★★★★	S		SC2	M
Chevrolet	HHR w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★		S		SC2	M
Chevrolet	Suburban 1500 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
Chevrolet	Suburban 2500 w/SAB	4dr							S		SC3	M
Chevrolet	Tahoe Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
Chevrolet	Tahoe w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
Chevrolet	Trailblazer w/SAB	4dr	★★★	★★★★	★★★★★	★★★★★	★★★	★★★★	S		SC2	M
Chevrolet	Traverse w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Chrysler	Aspen w/SAB	4dr	★★★★★	★★★★★			★★★	★★★★	S		SC3	M
Dodge	Durango w/SAB	4dr	★★★★★	★★★★★			★★★	★★★★	S		SC3	M
Dodge	Journey w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Dodge	Nitro w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC2	M
Ford	Edge w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Ford	Escape Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S	STs1	SC2	M
Ford	Escape w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S	STs1	SC2	M
Ford	Expedition Extended w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★★	S	STs1	SC3	M
Ford	Expedition w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★★	S	STs1	SC3	M
Ford	Explorer Sport Trac w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★★	S	STs1	SC2	M
Ford	Explorer w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S	STs1	SC2	M
Ford	Flex w/SAB	5dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Ford	Taurus X w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
GMC	Acadia w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
GMC	Envoy w/SAB	4dr	★★★	★★★★	★★★★★	★★★★★	★★★	★★★★	S		SC2	M
GMC	Yukon Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
GMC	Yukon w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M
GMC	Yukon XL 1500 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S		SC3	M

Make	Model	Body	FRONTAL CRASH		SIDE CRASH		ROLLOVER		Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4				
GMC	Yukon XL 2500 w/SAB	4dr							S		SC3	M
Honda	CR-V w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Honda	Element w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S	STs1	SC2	M
Honda	Pilot w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Hummer	H2 w/SAB	4dr							S		SC3	M
Hummer	H3 w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★		★★★	S		SC2	M
Hyundai	Santa Fe w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Hyundai	Tucson w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Hyundai	Veracruz w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Infiniti	FX35/50 w/SAB	4dr							S	STs1	SC2	M
Infiniti	QX56 w/SAB	4dr	★★★★★	★★★★			★★★	★★★	S	STs1	SC3	M
Jeep	Commander w/SAB	4dr	★★★★★	★★★★★			★★★	★★★	S		SC3	M
Jeep	Compass w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	OTs1	SC2	M
Jeep	Grand Cherokee w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		SC2	M
Jeep	Liberty w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S		SC2	M
Jeep	Patriot w/SAB	4dr	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	OTs1	SC2	M
Jeep	Wrangler Unlimited w/SAB	4dr	★★★★★	★★★★★			★★★★	★★★	S	OBs1	OB1	M
Jeep	Wrangler w/SAB	2dr	★★★★★	★★★★★				★★★	S	OBs1	OB1	M
Kia	Borrego w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Kia	Sorento w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		SC2	M
Kia	Sportage w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Land Rover	LR2 w/SAB	4dr							S	STs1	SC2	M
Land Rover	LR3 w/SAB	4dr							S	STs1	SC3	M
Land Rover	Range Rover Sport w/SAB	4dr							S	STs1	SC2	M
Land Rover	Range Rover w/SAB	4dr							S	STs1	SU2	M
Lexus	GX470 w/SAB	4dr							S	STs1	SC2	M
Lexus	LX570 w/SAB	4dr							S	STs1	SC3	M
Lexus	RX350 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Lincoln	MKX w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Lincoln	Navigator Extended w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Lincoln	Navigator w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Mazda	CX-7 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Mazda	CX-9 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M
Mazda	Tribute Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S	STs1	SC2	M
Mazda	Tribute w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S	STs1	SC2	M
Mercedes-Benz	G-Class w/SAB	4dr							S		SC2	
Mercedes-Benz	M-Class w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs2	SC2	M
Mercedes-Benz	R-Class w/SAB	4dr							S	STs2	SC3	M
Mercury	Mariner Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S	STs1	SC2	M
Mercury	Mariner w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S	STs1	SC2	M

Make	Model	Body	FRONTAL CRASH						SIDE CRASH		ROLLOVER		SAFETY		
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4	Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests			
Mercury	Mountaineer w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	S	STs1	SC2	M			
Mitsubishi	Endeavor w/SAB	5dr							S	STs1	SC2	M			
Mitsubishi	Outlander w/SAB	5dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Nissan	Armada w/SAB	4dr	★★★★★	★★★★			★★★	★★★	S	OTs1	SC3	M			
Nissan	Murano w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Nissan	Pathfinder w/SAB	4dr	★★★★	★★★★			★★★	★★★	S	STs1	SC3	M			
Nissan	Rogue w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Nissan	Xterra w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★	★★★	S	STs1	SC2	M			
Pontiac	Torrent w/SAB	4dr	★★★★★	★★★★★	★★★★	★★★★	★★★★	★★★★	S		SC2	M			
Porsche	Cayenne w/SAB	4dr							S	STs1	SC2				
Saab	9-7X w/SAB	4dr	★★★	★★★★	★★★★★	★★★★★		★★★★	S		SC2	M			
Saturn	Outlook w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M			
Saturn	VUE Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Saturn	VUE w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Subaru	Forester w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs1	SC2	M			
Subaru	Outback w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs1	SC2	M			
Subaru	Tribeca w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs1	SC2	M			
Suzuki	Grand Vitara w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Suzuki	XL7 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		SC3	M			
Toyota	4Runner w/SAB	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★	★★★	S	STs1	SC2	M			
Toyota	FJ Cruiser w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★	★★★	S	STs1	SC2	M			
Toyota	Highlander Hybrid w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M			
Toyota	Highlander w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M			
Toyota	Landcruiser w/SAB	4dr							S	STs1	SC3				
Toyota	RAV4 w/SAB	4dr	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Toyota	Sequoia w/SAB	4dr	★★★★★	★★★★			★★★★	★★★★	S	STs1	SC3	M			
Toyota	Venza w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M			
Volkswagen	Tiguan w/SAB	4dr							S	STs1/OTs2	SC2	M			
Volkswagen	Touareg 2 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs1	SC2	M			
Volvo	XC60 w/SAB	4dr							S	STs1	SC2	M			
Volvo	XC90 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC3	M			
Pickup															
Chevrolet	Colorado	2dr	★★★★	★★★★	★★★★		★★★★	★★★★	S		OC1	M			
Chevrolet	Colorado	4dr	★★★★★	★★★★★	★★★★	★★★★★	★★★★	★★★★	S		OC2	M			
Chevrolet	Colorado Extended	2dr	★★★★	★★★★	★★★★		★★★★	★★★★	S		OC2	M			
Chevrolet	Silverado 1500	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★	O		OC1	M			
Chevrolet	Silverado 1500	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M			
Chevrolet	Silverado 1500 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M			
Chevrolet	Silverado 1500 Extended	2dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M			

Make	Model	Body	FRONTAL CRASH		SIDE CRASH		ROLLOVER		Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4				
Chevrolet	Silverado 1500 Extended w/SAB	2dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M
Chevrolet	Silverado 1500 Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		SC2	M
Chevrolet	Silverado 1500 w/SAB	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★	O		OC1	M
Chevrolet	Silverado 2500	2dr							O			
Chevrolet	Silverado 2500	4dr							S			
Chevrolet	Silverado 2500 Extended	2dr							S			
Chevrolet	Silverado 3500	2dr										
Chevrolet	Silverado 3500	4dr										
Chevrolet	Silverado 3500 Extended	2dr										
Dodge	Dakota	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★			OC2	M
Dodge	Dakota Extended	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★			OC2	M
Dodge	Ram 1500 Crew Cab w/SAB	4dr	★★★★★	★★★★★			★★★★	★★★	S		SC2	M
Dodge	Ram 1500 Quad w/SAB	4dr	★★★★★	★★★★★			★★★★	★★★	S		SC2	M
Dodge	Ram 1500 w/SAB	2dr	★★★★★	★★★★★			★★★★	★★★	S		SC1	M
Dodge	Ram 2500 Quad w/SAB	2dr									OC2	M
Dodge	Ram 2500 Mega Cab w/SAB	4dr									OC2	
Dodge	Ram 2500 w/SAB	2dr									OC1	M
Ford	F-150 Extended w/SAB	2dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S	STs1	SC2	M
Ford	F-150 w/SAB	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★	S	STs1	SC1	M
Ford	F-150 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★	S	STs1	SC2	M
Ford	F-250	2dr										
Ford	F-250	4dr										
Ford	F-250 Extended	2dr										
Ford	F-350	2dr										
Ford	F-350	4dr										
Ford	F-350 Extended	2dr										
Ford	Ranger	2dr	★★★★★	★★★	★★★★★		★★★	★★★				
Ford	Ranger Extended	2dr	★★★★★	★★★	★★★		★★★	★★★				
GMC	Canyon Extended w/SAB	2dr	★★★★	★★★	★★★		★★★★	★★★★	S		OC2	M
GMC	Canyon w/SAB	2dr	★★★★	★★★	★★★		★★★★	★★★★	S		OC1	M
GMC	Canyon w/SAB	4dr	★★★★★	★★★★★	★★★	★★★★★	★★★★	★★★★	S		OC2	M
GMC	Sierra 1500	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★	O		OC1	M
GMC	Sierra 1500	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M
GMC	Sierra 1500 Extended	2dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M
GMC	Sierra 1500 Extended w/SAB	2dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M

Make	Model	Body	FRONTAL CRASH		SIDE CRASH		ROLLOVER		Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4				
GMC	Sierra 1500 Hybrid w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		SC2	M
GMC	Sierra 1500 w/SAB	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★	O		OC1	M
GMC	Sierra 1500 w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S		OC2	M
GMC	Sierra 2500	2dr							O			
GMC	Sierra 2500	4dr							S			
GMC	Sierra 2500 Extended	2dr							S			
GMC	Sierra 3500	2dr										
GMC	Sierra 3500	4dr										
GMC	Sierra 3500 Extended	2dr										
Honda	Ridgeline w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★		★★★★	S	STs1	SC2	M
Hummer	H2 w/SAB	4dr							S		SC2	M
Hummer	H3T w/SAB	4dr							S		SC2	M
Mazda	B-Series	2dr	★★★★★	★★★★	★★★★★		★★★					
Mazda	B-Series Extended	2dr	★★★★★	★★★★	★★★★		★★★	★★★				
Mitsubishi	Raider Club	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★			OC2	M
Mitsubishi	Raider Quad	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★			OC2	M
Nissan	Frontier	4dr	★★★★	★★★★	★★★★★	★★★★★	★★★	★★★★	O	OTs1	OC2	M
Nissan	Frontier Extended	2dr	★★★★	★★★★★	★★★★★		★★★	★★★★	O	OTs1	OC2	M
Nissan	Titan	4dr	★★★★★	★★★★			★★★★	★★★	O	OTs1	OC2	M
Nissan	Titan Extended	2dr	★★★★★	★★★★			★★★★	★★★	O	OTs1	OC2	M
Suzuki	Equator Extended w/SAB	2dr	★★★★	★★★★★			★★★	★★★★	O	STs1	SC2	M
Suzuki	Equator w/SAB	4dr	★★★★	★★★★			★★★	★★★★	O	STs1	SC2	M
Toyota	Tacoma Extended w/SAB	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★	S	STs1	SC2	M
Toyota	Tacoma w/SAB	2dr	★★★★★	★★★★★	★★★★★		★★★★	★★★★	S	STs1	SC1	M
Toyota	Tacoma w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	S	STs1	SC2	M
Toyota	Tundra Extended w/SAB	2dr	★★★★	★★★★			★★★	★★★★	S	STs1	SC2	M
Toyota	Tundra w/SAB	2dr	★★★★	★★★★			★★★	★★★★	S	STs1	SC1	M
Toyota	Tundra w/SAB	4dr	★★★★	★★★★			★★★	★★★★	S	STs1	SC2	M
Van												
Chevrolet	Express 1500 Cargo		★★★★★	★★★★★							OC1	M
Chevrolet	Express 1500 Passenger w/SAB		★★★★★	★★★★★			★★★	★★★	S		SC3	M
Chevrolet	Express 2500 12 Passenger w/SAB						★★★		S		SC3	M
Chevrolet	Express 3500 12 Passenger w/SAB						★★★		S		SC3	M
Chevrolet	Express 3500 15 Passenger w/SAB						★★★		S		SC3	M
Chevrolet	Express 3500 Cargo w/SAB										OC1	M
Chevrolet	HHR w/SAB	2dr	★★★★★	★★★★★	★★★★★				S		SC1	M

Code key on page 19

Make	Model	Body	FRONTAL CRASH		SIDE CRASH		ROLLOVER		Electronic Stability Control	Side Air Bag	Head Air Bag	SAB Out of Position Tests
			Driver	Passenger	Front Occupant	Rear Occupant	4 X 2	4 X 4				
Chrysler	PT Cruiser w/SAB	4dr	★★★★	★★★★	★★★★	★★★★	★★★★			SBs1	SB1	M
Chrysler	Town & Country w/SAB		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S		SC3	M
Dodge	Grand Caravan w/SAB		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S		SC3	M
Dodge	Sprinter 2500 12 Passenger Wagon						*		S	OTs1	OC1	
Ford	E-150 Passenger						★★★		S			
Ford	E-350 12 Passenger						★★★		S			
Ford	E-350 15 Passenger						★★		S			
GMC	Savana 3500 15 Passenger w/SAB						★★★		S		SC3	M
GMC	Savana 1500 Cargo		★★★★★	★★★★★							OC1	M
GMC	Savana 1500 Passenger w/SAB		★★★★★	★★★★★			★★★	★★★	S		SC3	M
GMC	Savana 2500 12 Passenger w/SAB						★★★		S		SC3	M
GMC	Savana 3500 12 Passenger w/SAB						★★★				SC3	M
Honda	Odyssey w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC3	M
Hyundai	Entourage w/SAB	4dr	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC3	M
Kia	Sedona w/SAB		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S	STs1	SC3	M
Nissan	Cube w/SAB								S	STs1	SC2	M
Nissan	Quest w/SAB		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		O	STs1	SC3	M
Toyota	Sienna w/SAB		★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	S	STs1	SC3	M
Volkswagen	Routan w/SAB		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★		S		SC3	M

Ratings

Code	Definition
TBR	To Be Rated
ND	No Data
^d	Door Opening During Side Test

Safety Key

Code	Definition
S	Standard
O	Optional Equipment
D	Dealer Installed Option
B	Combo Air Bag for Head and Chest Protection
C	Curtain Air Bag for Head Protection
M	Meets Requirements
SS	Standard Tube Bag with Sail

Code	Definition
s	Seat-Mounted Torso Air Bag for Chest Protection
d	Door-Mounted Torso Air Bag for Chest Protection
T	Torso Air Bag for Chest Protection
U	Tube Air Bag for Head Protection
1	Row 1
2	Rows 1 and 2
3	Rows 1, 2, and 3