

Selecting a reliable car starts from knowing about safety performance

Car Safety Performance Guidebook

'New Car Assessment' provides the public with necessary information concerning vehicle safety performances based on various assessment test results.

Detailed Edition



New Car Assessment 2014.3

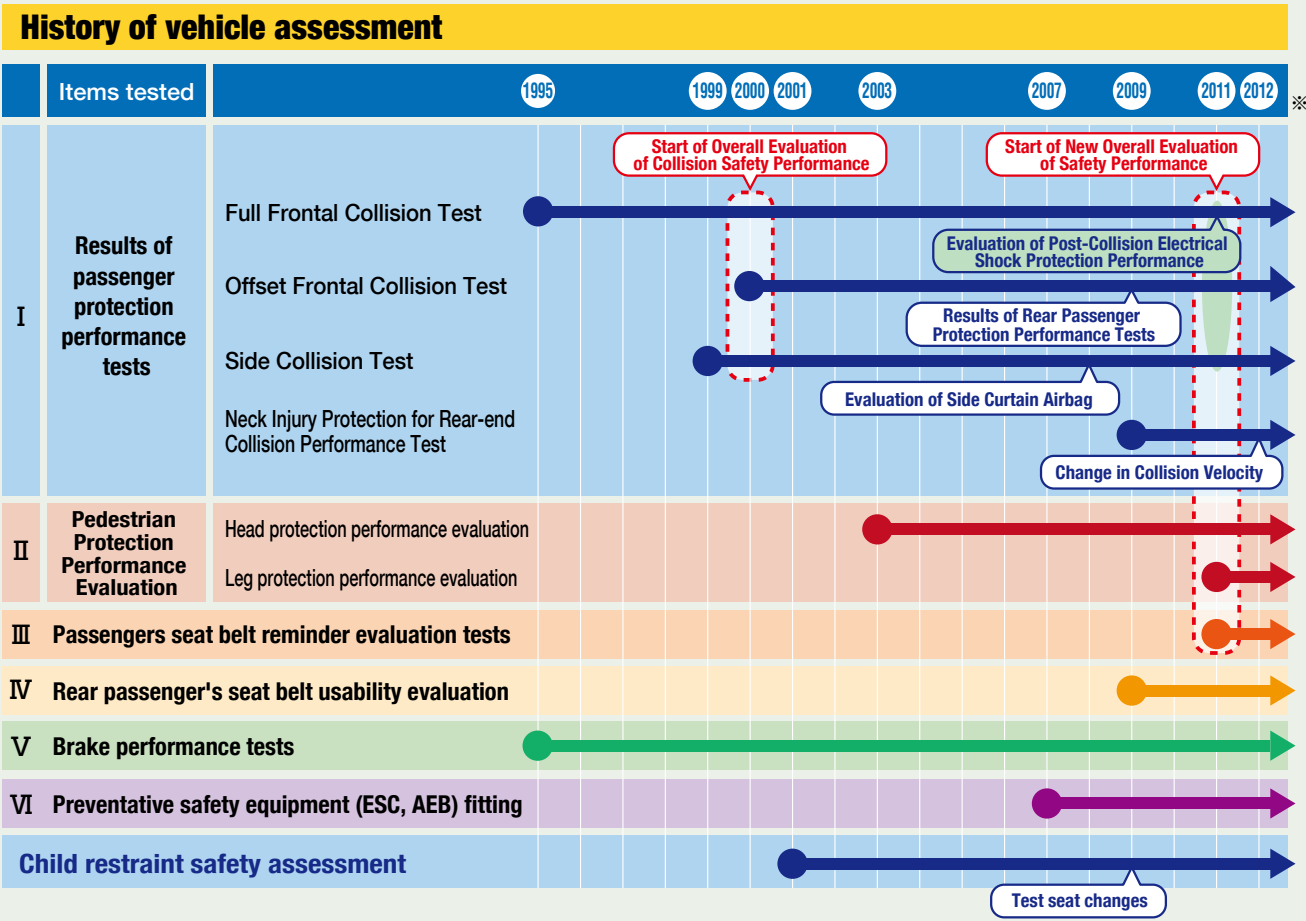
Outline of Japan New Car Assessment Program

In 2013 there were 4,373 fatalities from traffic accidents, and while there have been less accidents and people injured in accidents in recent years, the situation remains grave. In view of this, the Ministry of Land, Infrastructure, Transport and Tourism and the National Agency for Automotive Safety & Victims' Aid, as a safety measure, are implementing tests to assess the safety performance of commercially available vehicles, the results of which are released in the "New Car Assessment Program."

The objective of Japan New Car Assessment Program is to increase the use of safe automobiles by providing an environment in which users can easily select such vehicles. This also promotes the development of safer vehicles by automobile manufacturers. Specifically, while all commercially available vehicles conform to the safety standards of Japan's Road Transport Vehicle Law, braking performance used to avoid accidents, along with the ability to ameliorate injury in the event of impact, differs depending on the type of vehicle. Accordingly, tests have been performed in order to compare safety performance, and the results made publicly available.

The Japan New Car Assessment Program also includes child restraint safety performance comparison tests (frontal collision and usability) as "Child restraint safety assessment".

This guidebook contains the results of the Japan New Car Assessment Program tests. We hope that it will prove to be a valuable resource to consumers.



※JFY starts Apr.

Candidates for testing in this New Car Assessment Program in 2013 were selected from the top-selling automobiles in the market with this year's edition containing the results of safety tests performed on the 14 models shown below. The total number of passenger car models given an overall evaluation was 244, of which 204 underwent an overall evaluation for collision safety performance and 40 underwent the New Overall Evaluation of Safety Performance. This covers roughly 80% of the new cars sold in Japan.

Electric vehicles, etc.

TOYOTA	● CROWN ATHLETE/CROWN Royal
※ HONDA	● ACCORD HYBRID
HONDA	● FIT
※ MITSUBISHI	● OUTLANDER PHEV

Mini-sized Cars

SUZUKI/MAZDA	● SPACIA/FLAIR WAGON
※ SUZUKI/MAZDA	● SPACIA/FLAIR WAGON
DAIHATSU	● TANTO CUSTOM/TANTO
NISSAN/MITSUBISHI	● DAYZ Highway STAR / eK custom DAYZ / eK wagon
HONDA	● N-ONE
※ HONDA	● N-WGN

Passenger Cars

NISSAN	● SYLPHY
SUBARU	● FORESTER
※ SUBARU	● FORESTER(with SCA)
※ MAZDA	● ATENZA
※ MITSUBISHI	● MIRAGE
VOLKSWAGEN	● Golf

※ Model tested on consignment at the request of the vehicle manufacturers, etc.

Table of contents

Section 1 Explanation of the safety performance comparison tests	4~21
Section 2 Table of Safety Performance Test Results ^{※1}	22~37
Test results by model	38~69
1-1 Test results of the past (passenger protection safety performance tests, pedestrian protection performance tests, braking performance tests) ^{※2}	70~81
1-2 Test results of the past (rear passenger's seat belt usability evaluation tests)	82~87
1-3 Test results of the past (Passenger Seat Belt Reminder (PSBR) Evaluation tests)	88~89
Reference Availability of data on collision safety performance from foreign countries	90~91
Section 3 Table of Safety Devices Installed and Their Features	
Function of safety devices and correct method of use	92~96
Advanced Safety Vehicle (ASV) Technology Put to Practical Use	97
Installation conditions of safety devices by manufacturers and models	98~121

※1 These are the models of which are tested and are available on the market as of 1st April 2014.

※2 These are the models tested from FY2008 to FY2012.

Section 1 Explanation of the safety performance comparison tests

Chapter 1 Passenger Protection Performance Evaluation

1. Full frontal collision test

◇ Testing methods

Passenger cars are designed with a structure and the equipment to reduce the degree of injury to passengers in the event of a collision. The method of testing used to evaluate these features must ensure that collision simulated are as realistic as possible and that the data obtained from the tests is highly reliable.

In this test, dummies are placed in both the driver's and front passenger's seats and the vehicle is made to collide with a concrete barrier at a rate of 55 km/h. The dummies are checked for injuries to the head, neck, chest and legs, the vehicle is checked for damage and deformation, and the results are used to evaluate the degree of passenger protection in 5 levels.

Most of actual collisions occur at the speed lower than



that of this test. Note that the results of this may not apply to collisions at extremely high speed, when occupants are not wearing seat belt or to a large dumper.

Additionally, the results of collision tests may only be used for comparisons with test vehicles of approximately the same mass. In other words, if test vehicles are of the same mass, vehicles with a high evaluation can be said to have a higher level of safety for these test conditions than vehicles with a low evaluation.



○ Dummy for full frontal collision test

The Hybrid III dummy is used to represent a human body of the driver and front passenger. This dummy was developed in the United States and represents the average adult male (175 cm in height and 78 kg in mass (about 85 kg including attachments)).

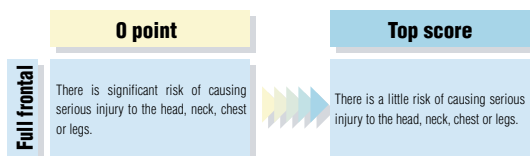
◇ Evaluation method

Injury criterion is measured on the dummy for the head, neck, chest, and legs. These criteria are then converted into a four-point score using a point conversion function used for automobile assessment in the United States and Europe. Vehicle deformation is also measured and converted in the same manner to a score of 0 to -1. The

value for vehicle deformation is then subtracted from the value for injuries and the result is multiplied by the weight coefficient for this type of accident. In this manner, the overall points are calculated for each body area. These scores are then added together to get the total, which is then evaluated to one of 5 levels.

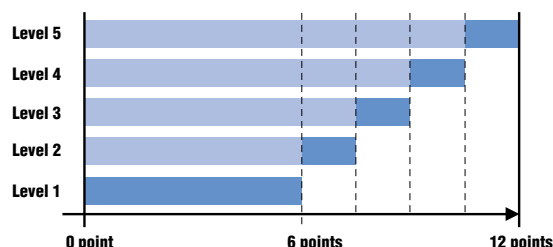
	Injury criteria	Points (a)		Degree of body deformation	Points (b)		Weight (c)		Overall points ((a)+(b))×(c)
Head	Head injury criterion (HIC)	0 to 4 points	+	Steering wheel upper displacement	0 to -1 point	×	0.923	=	0 to 3.692 points
Neck	Tensile load Shearing load Moment of extension	0 to 4 points (the lowest value is chosen)	+	(none)	-	×	0.231	=	0 to 0.924 points
Chest	Resultant chest acceleration Chest flexion	0 to 4 points (the lowest value is chosen)	+	Steering wheel lower displacement	0 to -1 point	×	0.923	=	0 to 3.692 points
Legs	Femur load (lower value of left and right) Load on Tibia index (lowest value)	0 to 2 points 0 to 2 points	+	Brake pedal upper displacement Brake pedal lower displacement	0 to -1 point 0 to -1 point	×	0.923	=	0 to 3.692 points
									Total 0 to 12 points

※ HIC = Head Injury Criterion



◇ Interpretation of evaluation results

In order to accurately differentiate between the evaluations of different vehicles, a standard is set based on current technology. Up to 6 points out of 12 is given level 1 and the rest of the range is divided up into equal parts, which are respectively assigned to level 2 (more than 6 points but 7.5 or less), level 3 (more than 7.5 points but 9 or less), level 4 (more than 9 points but 10.5 or less) or level 5 (more than 10.5 points).



2. Offset frontal collision test

◇ Testing methods

In this test, dummies are placed in the driver's and rear passenger's seats and the test vehicle is made to collide head-on on the driver's side (at an offset of 40%) with an aluminum honeycomb at a rate of 64km/h. The dummies are measured for injuries to the head, neck, chest, abdomen (rear passenger's seat only) and legs, the vehicle is checked for damage and deformation, and the results are used to evaluate the degree of passenger protection in 5 levels.

While dummies had been placed in the driver's and front passenger's seats until FY2008, a male dummy placed in the front passenger's seat was replaced with a female one and this female dummy was placed in the rear seat and "Rear Seat Passenger's Protection for Frontal Collision Performance Evaluation" has been carried out since FY2009.

Because this test involves impact with only one part of the vehicle, the force exerted on the dummy is less than in a full frontal collision. However, while the full frontal collision test is well suited to evaluating

restraining devices (such as air bags and seatbelts) used to protect passengers, in this test there is a significant degree of deformation to the body of the vehicle, which makes it well suited to evaluating aggressiveness to passengers from such deformations.

Most of actual collisions occur at the speed lower than that of this test. Note that the results of this may not apply to collisions at extremely high speed, when occupants are not wearing seat belt or to a large dumper.

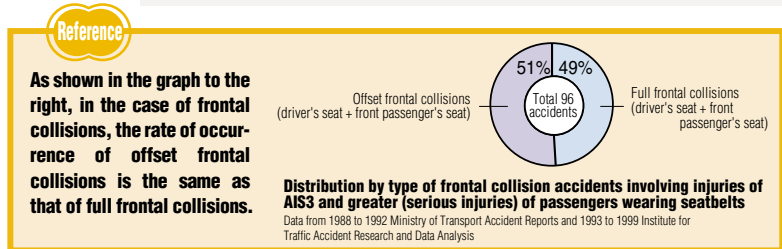
Additionally, the results of this test can only be compared in the case of vehicles with similar masses.



Dummy placed in the rear passenger's seat

○ Dummies for offset frontal collision test

The same dummy as full frontal collision one is placed in the driver's seat. The Hybrid III adult female dummy (150 cm in height and 49 kg in mass (about 54 kg including attachments)) is placed in the rear passenger's seat.



◇ Evaluation method

With regard to the driver's seat, the evaluation method is the same as in the full frontal collision test. Injury criterion is measured on the dummy placed in the rear passenger's seat in the front passenger's seat side for the head, neck, chest, abdomen (right or wrong binding of pelvis by a seat belt) and legs. These criteria are then converted into a four-point score using a point-

conversion function used for automobile assessment in the United States and Europe in view of adjustment items. The result is multiplied by the weight coefficient for this type of accident. In this manner, the overall points are calculated for each body area. These scores are then added together to get the total, which is then evaluated to one of 5 levels.

Injury criteria	Points (a)	Adjustment item	Points (b)	Weight (c)	Overall points ((a)+(b))×(c)
Head Head injury criterion (HIC15)	0 to 4 points (4 points if there is no secondary collision)	Secondary collision	0 to -1 point (-1 point when secondary collision occurs)	0.8	0 to 3.2 points
Neck Tensile load Shearing load Moment of extension	0 to 4 points (The lowest value is chosen. If there is no secondary collision, only tensile load is chosen.)	None	—	0.2	0 to 0.8 points
Chest Chest deflection	0 to 4 points	None	—	0.8	0 to 3.2 points
Abdomen	4 points (as base points)	Riding up of wrap belt from pelvis	0 to -4 points (-2 points per one side riding up)	0.8	0 to 3.2 points
Legs Femur load	0 to 4 points (lower value of left or right)	None	—	0.4	0 to 1.6 points

*With regard to the driver's seat, the evaluation method is the same as in the full frontal collision test.

Total 0 to 12 points

◇ Interpretation of evaluation results

The same as in the full frontal collision test.

3. Side collision test

◇ Testing methods

Among the passenger injuries which occur in automobile collisions, side collisions cause the most damage next to frontal collisions. In this test, a trolley with a mass of 950 kg is made to collide at a speed of 55 km/h with the side of a stationary test vehicle with a dummy normally on the driver's seat. The dummy is checked for injuries to the head, chest, abdomen, and pelvis, and the results are used to evaluate the degree of passenger protection in 5 levels.

The front of the trolley, which has been made to look like a normal passenger car, has also been outfitted with a shock-absorbent aluminum honeycomb which provides a similar degree of hardness as such a vehicle.

In addition, assessment of circumstances and range of equipment has been taken from FY2008 on automobiles newly equipped with side curtain air bags.

Most of actual collisions occur at the speed lower than that of this test. Note that the results of this may not apply to collisions at extremely high speed, when occupants are not wearing seat belt or to a large dumper.



○ Dummy for side collision test

The Euro SID-2 dummy is used in this test. This dummy was developed in Europe and represents the average adult male (170 cm in height and 72 kg in mass (about 78 kg including attachments)).

※The side curtain air bag (SCA) has been designed to protect the head of passenger in a side collision, and is generally stored in a roof-rail, etc. In event of side collision, the bag blows open to expand mainly from A pillar to C pillar area along the roof-rail.

◇ Evaluation method

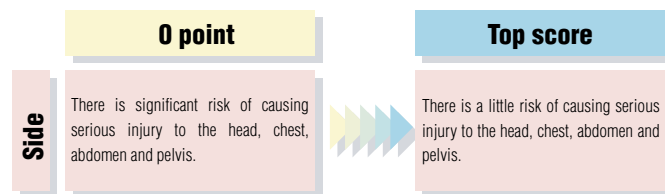
Injury criterion is measured on the dummy for the head, chest, abdomen and pelvis. These criteria are then converted into a four-point score using a point-conversion function used for automobile assessment in the United States and Europe. These criteria are

multiplied by the weight coefficient for this type of accident and the overall points are calculated for each body area. These scores are then added together to get the total, which is then evaluated to one of 5 levels.

	Injury criteria	Points (a)		Weight (b)		Overall points (a) × (b)
Head	Head Performance Criterion (HPC) value	0 to 4 points	×	1.0	=	0 to 4 points
Chest	Chest deflection	0 to 4 points	×	1.0	=	0 to 4 points
Abdomen	Total abdomen load	0 to 4 points	×	0.5	=	0 to 2 points
Pelvis	Pubic bone load	0 to 4 points	×	0.5	=	0 to 2 points

※ HPC = Head Performance Criterion

Total 0 to 12 points



◇ Interpretation of evaluation results

The same as in the full frontal collision test.

4. Performance test for electric shock protection after collision for electric vehicle

◇ Testing methods

With the rapidly expanding use of electric cars and hybrid cars (excluding cars with an electric motor of operating voltage of AC30V and less than DC60V), consumers are faced with increasing opportunities to purchase electric cars and so on. In the case of such cars being involved in collisions, passengers should not suffer any electric shocks from the high voltage. From FY2011, after tests have been carried out for full frontal collisions, offset frontal collisions and side

collisions, performance is evaluated in regard to the passengers not receiving any electric shocks, any leakage of the electrolyte from the high voltage battery and the battery attachment condition. These results are made public.

Also, when fitted out with an automatic high voltage system shutdown function, the operating state of that function is checked.

◇ Evaluation method

After having undergone collision testing, evaluations are made according to the standards on the table below with regard to receiving any electric shocks, any

leakage of the electrolyte from the high voltage battery and the battery attachment condition.

Evaluation categories		Evaluation standards
Protection against electric shock*1	(1) Direct contact protection + indirect contact protection (2) Others*2	<ul style="list-style-type: none"> • Protection with respect to live power areas of power system (not including the hybrid coupling system) must meet Protection Class IPXXB. • Resistance between electrical chassis and contactable exposed conductive sections (not including the hybrid coupling system) must be no greater than 0.1 Ω when 0.2 A or more of current is flowing.
High-voltage battery electrolyte leakage performance		<ul style="list-style-type: none"> • There should be no electrolyte leakage into the passenger compartment. • In the event of leakage to area outside the passenger compartment, total leakage quantity at 30 minutes after collision must be no greater than 7% of total electrolyte quantity. In the event of an open drive system battery, leakage must be no greater than 7% of total electrolyte quantity and no more than 5 liters.
High-voltage battery attachment status		<ul style="list-style-type: none"> • Renewable Energy Storage System (RESS) located in passenger compartment must be fastened in the proper location. • Renewable Energy Storage System (RESS) located outside the passenger compartment must not intrude into the passenger compartment.

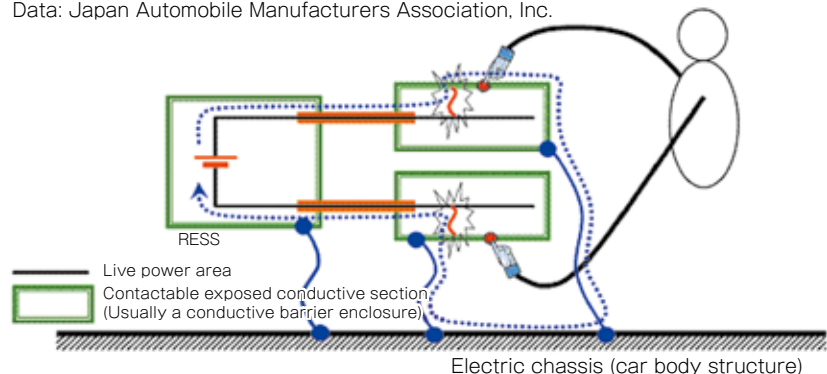
※ 1 Requirements for electric shock protection performance following a collision are confirmed by measurement method (1) or (2) for all high-voltage parts in the power system.

※ 2 "Others" includes measurements of insulation resistance, residual voltage, and residual energy.

◇ How electric shock protection works

So long as all contactable exposed conductive sections are connected at sufficiently low resistance vis-à-vis an electrical chassis (i.e., the contactable exposed conductive sections' potential has been equalized), there will be no electric current that could cause serious injury to the human body through electric shock.

Data: Japan Automobile Manufacturers Association, Inc.



◇ Interpretation of evaluation results

When all requirements for electric shock protections performance, high-voltage battery electrolyte leakage performance and high-voltage battery fastening status have been met, the mark shown right is to be displayed to indicate compliance. The comments are to be added if any of the requirements are not met.



INDICATE COMPLIANCE

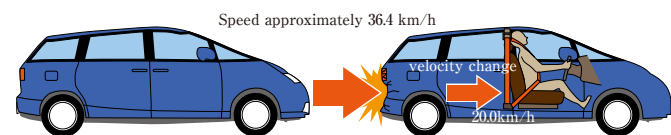
5. Performance test for neck injury protection in rear-end collision [Velocity change to 20 km/h became effective from FY2012]

◇ Testing methods

Rear-end collision occurs most commonly among the passenger injuries caused by automobile collisions and most of them are neck injury.

In this test, using a test device, rear-end collision shocks (velocity change (ΔV), wave shape, etc.) are given to dummies placed in the driver's or front passenger's seats. The degree of neck protection performance is judged on a scale in 5 levels based on the shock the neck suffered.

This test reproduces rear-end collision impact when a car crashes into a parked car which is the same in mass at a rate of around 36.4km/h (velocity change(ΔV) of 20.0km/h). Please note that evaluations in this test may be different from actual rear-end collision accidents due to differences in collision speed, mass, passenger's posture/physical size and seat's adjustment position.



○ **Dummy for neck injury protection for rear-end collision performance test**

The BioRID-III dummy, which was developed especially for rear-end collision tests, is used. BioRID-III dummy specifications are similar to that of the Hybrid III dummy (175 cm in height and 78 kg in mass (about 85 kg including attachments)).

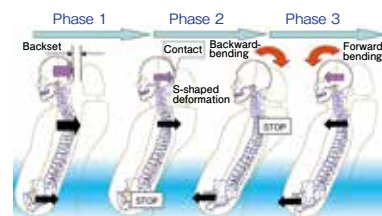
◇ Evaluation method

In order to evaluate injuries of dummy's neck, Neck Injury Criterion (NIC) as injury criteria to evaluate "neck's S-shaped deformation" which occurs before head contacts to the head restraint (Phase 1) and neck load/moment as injury criteria to evaluate maximum head-tilt after head contacts to the head restraint (Phase 2) are measured. These criteria are then

converted into a four-point score using a point-conversion function used for automobile assessment in the United States and Europe. The result is multiplied by the weight coefficient for this type of accident. These scores are then added together to get the total, which is then evaluated to one of 5 levels.

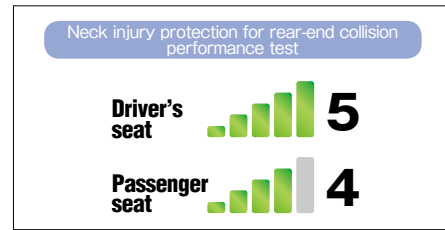
		Injury indicator	Points (a)
		Neck Injury Criterion: NIC	0 to 4 points
Neck load and moment	Upper neck	Fx (Shearing load (back of the head))	0 to 4 points (the lowest value is chosen)
		Fz (Tensile load (upper direction))	
		My (Moment of flexion)	
		My (Moment of reflection)	
	Lower neck	Fx (Shearing load (back of the head))	
		Fz (Tensile load (upper direction))	
		My (Moment of flexion)	
		My (Moment of reflection)	

Weight (b)	Overall points (a)x(b)
1	0 to 4 points
2	0 to 8 points
Total 0 to 12 points	



◆ Interpretation of evaluation results

Level evaluation is performed at 5 stages for each driver's and passenger seat classification, with standards for rear-end collision neck protection performance for current commercially-available vehicles taken into consideration so that the differences in evaluation for each vehicle are well defined. Vehicles scoring less than 6 points out of 12 are shown as level 1, with those scoring above 6 divided into 4 levels; level 2 (6.00 to less than 7.50), level 3 (7.50 to less than 9.00), level 4 (9.00 to less than 10.50), and level 5 (10.50 or more).



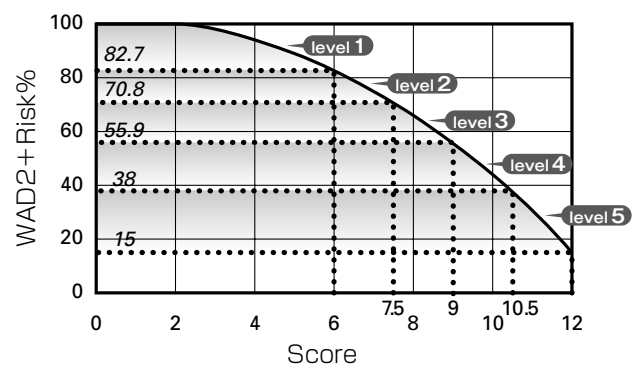
◆ “Neck injury protection for rear-end collision performance evaluation” injury risks

The 5-stage level display is an estimation of the probability (WAD+risk) of receiving a severe injury of a physically-impairing level to the neck.

This probability takes into account standards of rear-end collision protection performance for current commercially-available vehicles, with more than 82.7% scoring up to 6.00 points, approximately 70.8–82.7% scoring from 6.00 to less than 7.50 points, approximately 55.9 to 70.8% scoring from 7.50 to less than 9.00 points, approximately 38.0–55.9% scoring from 9.00 to less than 10.50%, and approximately 15–38.0% scoring from 10.50 to 12.0 points.

Please note that this injury probability is calculated on the basis of injury factor when the velocity change is 20.0km/h (simulating collision impact when a car crashes into a parked car which is the same in mass at a rate of around 36.4km/h) and the passengers are seated normally and may be different from actual rear-end collision accidents due to differences in collision speed, mass, passenger's posture/physical size and seat adjustment position.

※WAD: Whiplash Associated Disorders

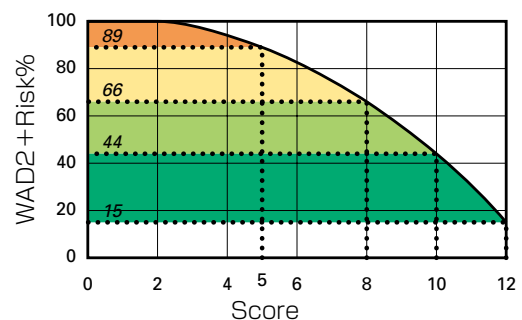
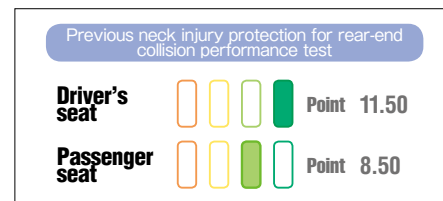


[Relation between WAD2+Risk and total points]

◆ Other

Until 2011, these tests reproduced the impact of a vehicle traveling at approximately 32 km/h colliding into a stationary vehicle of the same mass (a velocity change of 17.6 km/h).

The results are divided by color into four stages for driver and passenger-seat specifications, with scores displayed out of 12. Additionally, rear-end collision neck protection performance for current commercially-available vehicles is taken into consideration so that the differences in evaluation for each vehicle are well defined. Vehicles scoring less than 5 points out of 12 are shown in orange, with those scoring above 6 divided into 3 levels; yellow (5 to less than 8), light green (8 to less than 10), and green (10 or more).



[Relation between WAD2+Risk and total points]

Chapter 2 Pedestrian Protection Performance Evaluation Tests

1. Pedestrian head protection performance tests

◇ Testing methods

Car accidents in which pedestrians are hit by cars moving at a certain speed and their heads collided against car bonnets or front windshield are assumed. An adult or a child pedestrian's head simulated impactor (head impactor) are projected toward the car bonnet, etc., from the testing machine. The impact received by the head impactors is measured and then evaluated using head injury criterion (HIC).

Discharge velocity is 35 km/h (equivalent to a vehicle colliding with a pedestrian at a speed of 44 km/h).

Impact angles differ according to the shape of the front part of 3 types of vehicles; sedan, SUV, and One Box.

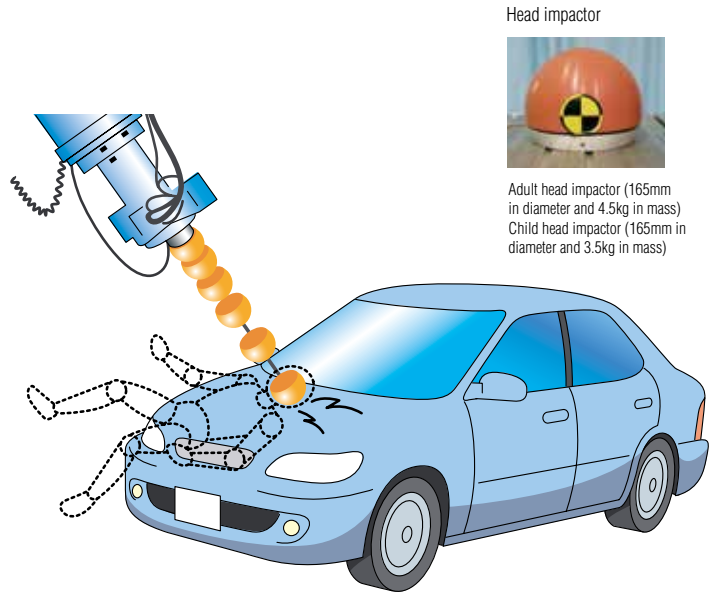
(1) Impact Test Area

The distance between the ground and the evaluated areas of the cars, i. e., Wrap Around Distance (WAD) is measured according to the length of the area where the pedestrians' heads hit in accidents. Impact location area for adults and children's head is set based on the data of actual accidents.

In the crosswise direction, the side line of the impact test area is from the line obtained by tracing the contact points between a straight edge and the side of the bonnet where the straight edge contacts the bonnet bumper at 45 degrees (Bonnet Side Reference Line) to the inside half diameter of the head impactor.

(2) Vehicle type and the impact condition

Test vehicles are divided by the vehicle type. Tests are done in each testing area under each impact condition.



Head impactor



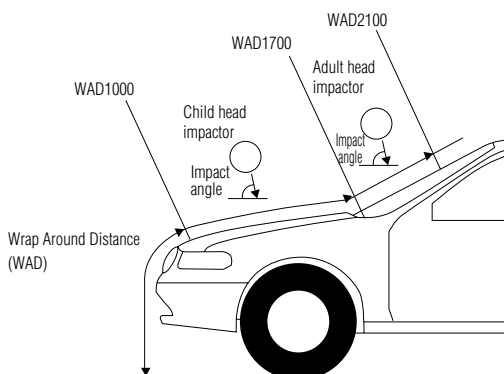
Adult head impactor (165mm in diameter and 4.5kg in mass)
Child head impactor (165mm in diameter and 3.5kg in mass)



Vehicle type (shape of vehicle front surface)

Vehicle type	Example	Definition
Type 1	Sedan	With the bonnet leading edge height less than 835 mm
Type 2	Multi veide	With the bonnet leading edge height more than 835mm
Type 3	Minivans	With the bonnet angle more than 30°

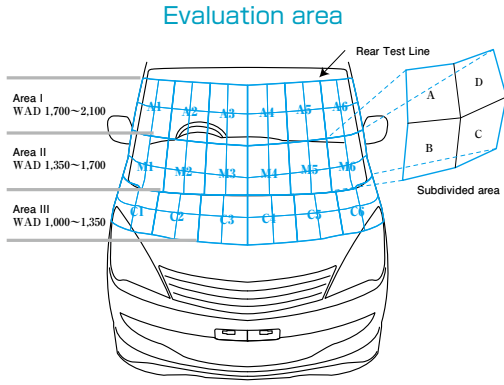
Test target area (WAD)



Impact Conditions

			Area 1	Area 2	Area 3
Impactor			165mm, 4.5kg	165mm, 3.5kg	165mm, 3.5kg
WAD			1700-2100mm	1350-1700mm	1000-1350mm
Impact Velocity	Bonnet	Type 1 Type 2 Type 3	35km/h		
	Windshield	Type 1 Type 2 Type 3			
Impact Angle	Bonnet	Type 1	65°	65°	65°
		Type 2	90°	60°	60°
		Type 3	50°	25°	25°
	Windshield	Type 1	40°		
		Type 2	45°		
	Type 3				

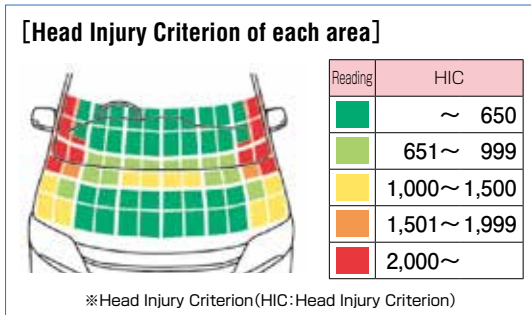
◆ Evaluation method



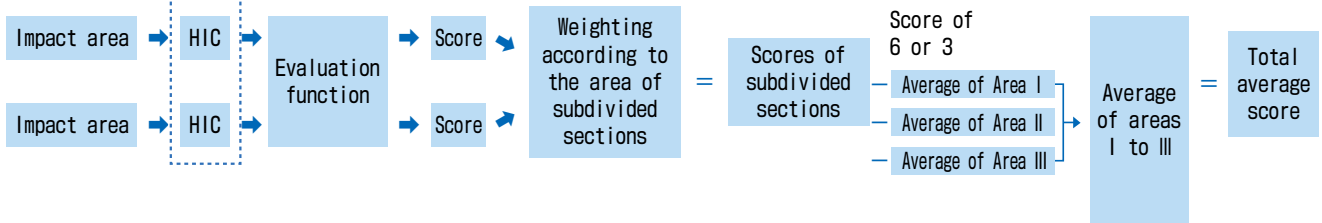
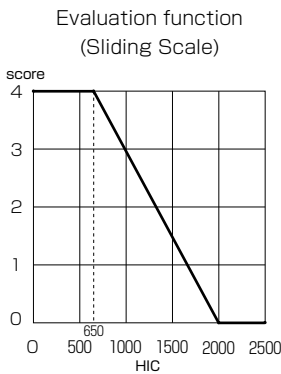
Areas I, II, and III are divided into six sections from left to right (up until FY2010, Area III was divided into three sections). Each of the six sections is then subdivided into four quadrants.

In each of the 18 sections, one or two points that are thought to have the highest injury criteria are selected (the points must be in different quadrants). The injury criteria determined through testing are used as representative criteria and scored on an evaluation function (sliding scale).

The test scores are averaged to produce an average score for each section, and then the total average score is calculated.



The higher the numerical value of the HIC, the higher the risk of receiving a head injury.



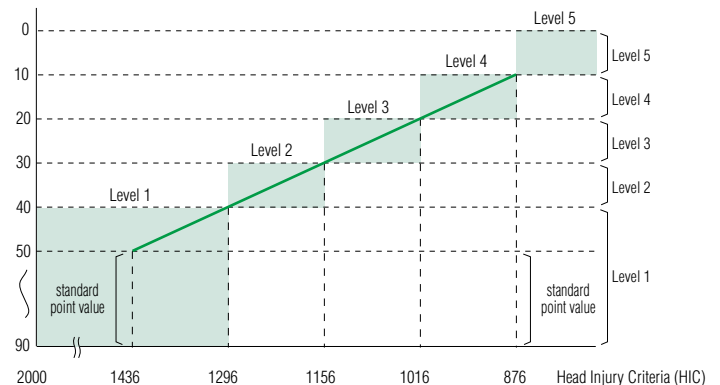
◆ Interpretation of evaluation results

Evaluation is divided into five levels in the following manner. First, the total average scores are converted into the Head Injury Criteria (HIC). Then, assuming AIS4+ (severe head injury probability) of around 50% (HIC: 1436) as the basic point (= 1.67), the range for which the probability is approximately 10% (HIC: 876) or lower (3.33 points or higher) is categorized as Level 5, while the range between the point where AIS4+ is approximately 10% and that where AIS4+ is approximately 50% is divided into four equal parts, thus making five levels for evaluation.

In regard to pedestrian protection, the pedestrian's head injury criterion inevitably becomes higher than that of the passengers, given the current vehicle technology. As for the evaluation coverage, it is expanded to cover wider range where certain life-saving effects are expected in order to promote development of pedestrian protection technology.

Injury probability, injury criteria and evaluation levels

AIS4+(severe)
Injury probability (%)



Level 5	Less than 10% probability of receiving serious head injury
Level 2 to Level 4	injury risk become 10 to 40% serious head injury
Level 1	More than 40% probability of receiving serious head injury

2. Pedestrian leg protection performance test

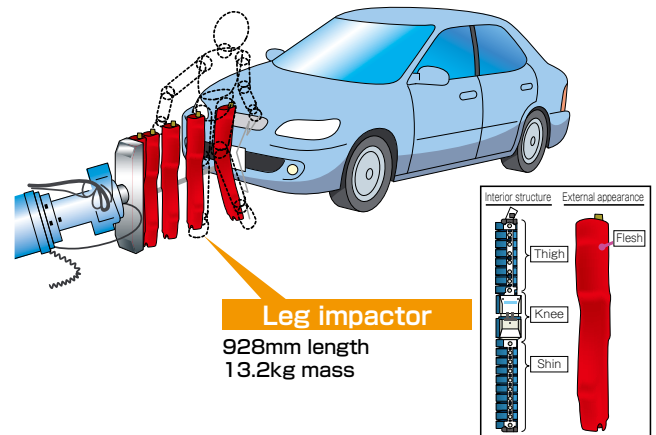
◇ Testing methods

In this test, a “leg impactor” (FLEX-PLI) dummy made to represent the leg of an adult male is launched by the testing machine at a speed of 40 km/h at the bumper of the test car. Injuries to the knee and shin area at the point of impact are measured and evaluated on a four-point scale for the degree of injury when the vehicle collides with a pedestrian. This test is applicable for cars for which the height up to the lower edge of the bumper is less than 425 mm. (The test may be conducted even if the height up to the lower edge of the bumper is 425 mm or greater.)

The test area of the bumper that is evaluated in the leg impactor launch test comprises six segments between the bumper (excluding the sides), and the number of locations at which leg injury is measured will vary from 2 to 6 depending on the test vehicle (In the event that there are locations even outside this area that are thought to pose a danger, a test is conducted for these areas).

In the results of evaluation, a higher value indicates better pedestrian leg protection performance.

※Following the introduction of the national standard, alteration of the test speed is currently under consideration.



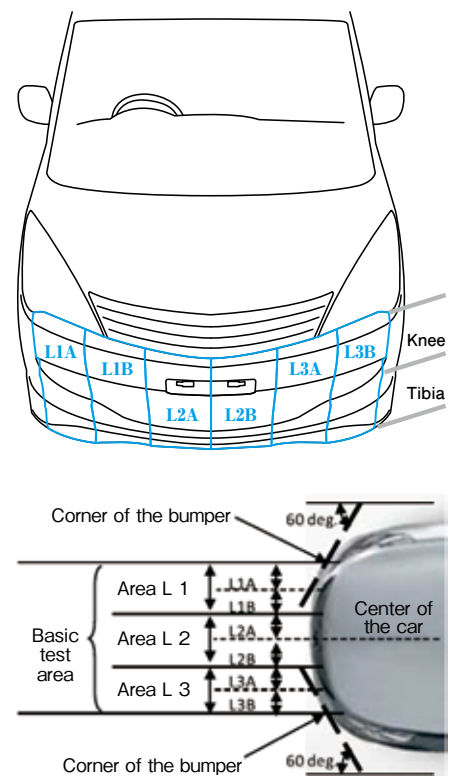
◇ Evaluation method

The bumper area (excluding the sides) is the basic test area and this area is divided crosswise into three sections numbered Area L1, Area L2 and Area L3 (from right to left).

Each of these three areas is further subdivided into two. Starting from the right the subdivided areas are labeled as L1A, L1B, L2A, L2B, L3A and L3B.

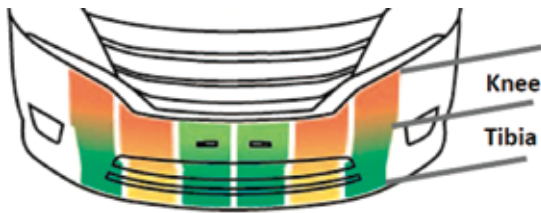
One or two points in each of the three areas (L1, L2 and L3) that are thought to have the highest injury criteria are selected (although they must be in different sections) and with the injury criteria of the knee and shin obtained from the test as representative criteria, a score is calculated using the evaluation function (sliding scale).

The points are weighted for both the knee and shin areas and the score for each area is calculated. Each area is averaged and the total average score is given as an evaluation.



Based on the measurements from the sensors attached to the leg impactor, the tibia bending moment and elongation of the knee area medial collateral ligament (MCL), anterior cruciate ligament (ACL) and posterior cruciate ligament (PCL) are calculated using

the evaluation function (sliding rule). (As there is no risk curve injury criteria for the ACL and PCL, a score of 0, shown as orange, is given if the value is 13.0 mm or greater, and the score is represented by the MCL score if the value is less than 13.0 mm.)

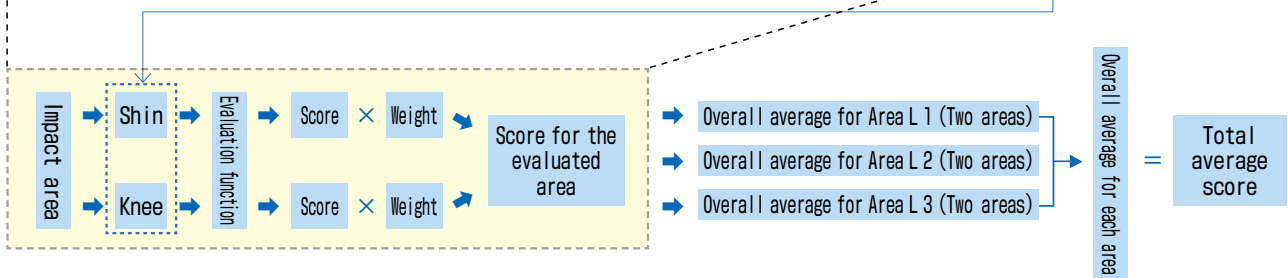


Reading	Score	Tibia (Nm)	Reading	Score	Knee (MCL) (mm)
Orange	1	380.0 ~	Orange	1	22.0 ~
Yellow	2	327.1 ~ 379.9	Yellow	2	20.1 ~ 21.9
Light Green	3	224.1 ~ 327.0	Light Green	3	16.5 ~ 20.0
Dark Green	4	~ 224.0	Dark Green	4	~ 16.4

Knee (ACL&PCL)	
Orange	13.0mm or greater

Injury index		Points (a)	Weight (b)	Overall points (a) × (b)
Shin	Tibia1	0 to 4 points (Only the lowest points for the injury criteria are used.)	0.73	2.92 points
	Tibia2			
	Tibia3			
	Tibia4			
Knee	Medial collateral ligament MCL	0 to 4 points (Only the lowest points for the injury criteria are used.)	0.27	1.08 points
	Anterior cruciate ligament ACL			
	Posterior cruciate ligament PCL			

Top score is 4 points



◆ Interpretation of evaluation results

The overall average score is evaluated on a four level rating and to accurately differentiate between the evaluation of different vehicles, the current standard is taken into consideration with two points out of a top score of four being rated as Level 1, while above that is

divided into three levels. Level 2 is above two points and less than 2.67 points. Level 3 is above 2.67 and less than 3.33 points. Level 4 is above 3.33 points and less than 4.00 points.

Pedestrian Leg Protection Performance Test



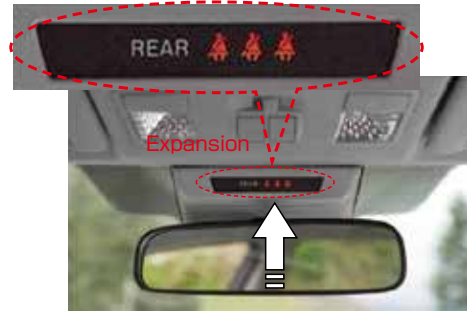


Chapter 3 Passenger Seat Belt Reminder (PSBR) Evaluation

1. Passenger seat belt reminder (PSBR) evaluation test [5-stage evaluation from 2011]

◇ Testing methods

The Passenger Seat Belt Reminder (PSBR) is a device that notifies the driver and others when a passenger other than the driver is not wearing a seat belt. The objective is to reduce the number of deaths and injuries by seeking to increase the seat belt use rate among passengers other than the driver. The testing confirms the operating conditions of the PSBR (the alarm timing, the alarm duration, types of alarm and display location, etc.).



Seat belt reminder for rear passengers

◇ Evaluation method

In FY2009 and FY2010, testing was carried out by checking whether requirements were met for the front and rear passenger seats. Information was made public as to whether or not the test vehicle was fitted with PSBR. However, from FY2011, as well as confirming whether or not the vehicle is fitted with PSBR, points are calculated from the difference between a visual alarm and auditory alarm for each seat. The total score is used to perform evaluation on a five-level rating.

[Main requirements]

Type of alarm	Visual alarm or auditory alarm
Start of alarm	Front passenger seat
	Rear passenger seat
Duration of alarm	30 seconds or more
Length of alarm intervals	Must not be longer than 30 seconds
Alarm for change of status	Emitting warnings immediately if the car's speed is faster than 25km/h and seatbelts are not buckled

	Display location	Conditions	Points
Visual alarm	Center console area	The SBR displayed at one of the locations shown at left can be perceived from the driver seat or the front passenger seat.	10
	Inside mirror area		
	Indicator area		
	Near glove box		

+

	Conditions	Points	Points
Auditory alarm	The alarm can be perceived from the driver seat or the front passenger seat.	40	0 to 50 points

※When the front seat is a bench seat or other arrangement that has multiple seats, the evaluation will be performed for each seat and the total of their points divided by the number of seats will be the score.

	Display location	Conditions	Points
Visual alarm	Center console area	The SBR displayed at one of the locations shown at left can be perceived from the driver seat and the rear passenger seats.	25
	Inside mirror area	The SBR displayed at one of the locations shown at left can be perceived either from the driver seat only or from the rear passenger seats only.	12.5
	Indicator area	The SBR displayed at one of the locations shown at left can be perceived from the driver seat.	12.5
	Back of front seat	The SBR displayed at one of the locations shown at left can be perceived from the driver seat.	12.5
	Central ceiling area	The SBR displayed at one of the locations shown at left can be perceived from the rear seats.	12.5

+

	Conditions	Points	Points
Auditory alarm	The alarm sound for the seat concerned can be perceived from the driver seat and the rear seat.	25	0 to 50 points

※ Evaluation is performed for each rear passenger seat and the total of their points divided by the number of seats will be the score.

※When multiple visual alarms can be perceived from one seat, points will not be counted more than once.

Overall points
Total 0 to 100 points

◇ Interpretation of evaluation results

An evaluation out of 100 points is given from a total of points for whether or not seats are fitted with the device and evaluation for the front and rear passenger seats. In order to accurately differentiate between the evaluations of PSBR on different vehicles, with a top score of 100 points, Level 1 is under 45 points; Level 2 is 45 or more points and under 60; Level 3 is 60 or more points and under 75; Level 4 is 75 or more points and under 90 points; and Level 5 is 90 or more points.

For the New Overall Evaluation of Safety Performance, a score is shown from this test, calculated from a maximum of 8 points.

Legend

4.00/8points

Passenger seat belt reminder test

Level 2

Front passenger

Rear passenger

Chapter 4 Other Evaluations

1. Rear passenger seat belt usability evaluation test

◇ Testing methods

In the light of the fact that the law requires rear seat passengers to wear their seat belts from June 2008, rear passenger seat belt's (window side seat in standard position and the front most position) 1) accessibility, 2) identification of buckle, 3) insert ability of tongue into buckle and 4) Comfortability of seat belt are rated on a

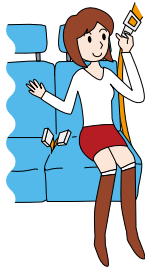
scale of one to three using radar charts for the purpose of increasing rear passenger's seat belt usage rate by making the usability of rear passenger's seat belt like that of front passenger's one.

The table also shows presence or absence of three-point seat belt for center rear seat passenger.

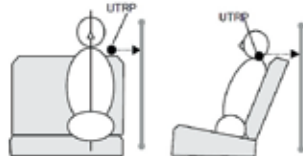
◇ Evaluation method

Evaluation for accessibility of seat belt

The shortest distance between UTRP of HP manikin and the center of seat belt webbing is measured and the accessibility of seat belt is evaluated based on that distance. The higher evaluation level is, the better accessibility becomes according to the following criteria:

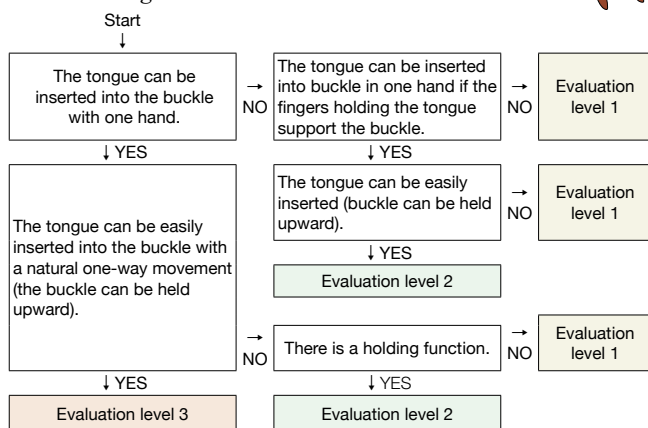


Measured distance	Evaluation level
Shorter than 300mm	3
300 to 500mm	2
Longer than 500mm	1



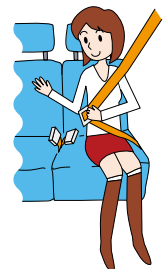
Evaluation of insertability of the tongue into the buckle

A sensory rater sits on the target seat and buckles and unbuckles the seat belt repeatedly in order to evaluate insertability of the tongue into the buckle by sensory rating and visual observation. The higher evaluation level is the better insertability according to the following criteria:



Evaluation of buckle identification

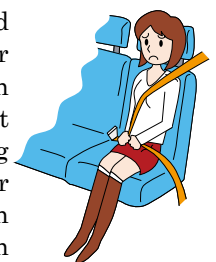
A sensory rater evaluates if he/she wrongly uses the adjacent seat's buckle by sensory rating and visual observation. The higher evaluation level is the better identification according to the following criteria:



Judgment Item		Evaluation level
Major item	Minor item	
There is a need to use buckles separately	Buckles can be identified by the direction or layout.	3
	Buckles can be identified by the appearance (stamp only is not judged as identifiable).	
	Above conditions are not applicable but buckles do not intersect one another.	2
	Any of the above conditions are not applicable.	1
There is no need to use buckles separately.		3

Evaluation of comfortability of seat belt

Contact forces of seat belt are measured at the intersection point of the shoulder belt with HP manikin centerline when pulling out and retracting the seat belt under the condition that the webbing contacts the dummy. The passenger comfort is evaluated depending on each contact force. The higher evaluation level is the better comfort according to the following criteria:

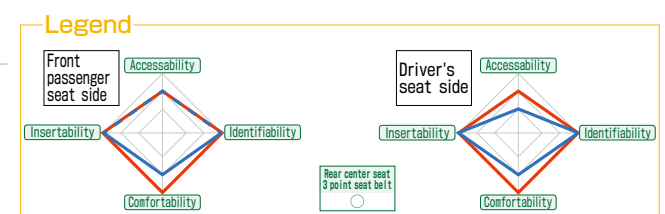


Pulling-out force (0mm→50mm)		Retracting force (50mm→25mm)		Total points	Evaluation level
Less than 8N	2 points	Less than 2.0N	2 points	3 points or higher	3
8 to 11N	1 point	2.0 to 2.5N	1 point	1 to 2 points	2
Higher than 11N	0 point	Higher than 2.5N	0 point	0 point	1

◇ Interpretation of evaluation results

The evaluation results are shown on three levels in radar charts. The higher the evaluation level, the higher usability, as shown in the following criteria.

Legend right indicates that red line for standard seat position, blue line for slightly forwarded seat position.



◇ Others

Equipment conditions are disclosed in order to encourage the spread of three-point seat belt for rear center seat.

2. Brake performance tests

◇ Testing methods

Braking performance is determined by the shortness of the distance in which a vehicle can stop and the stability of the vehicle at the time of braking.


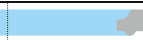
This test is performed under wet and dry road conditions for a vehicle which has a driver and weights equivalent to front passenger. The distance it takes for the vehicle to stop and the stability of the vehicle at the time of braking is evaluated for when the vehicle is stopped abruptly while traveling at a speed of 100km/h.

Because the temperature of the road surface affects the distance it takes to stop the vehicle, this condition is also specified for this test (dry road surface

temperature of 35.0 ± 10.0 °C, wet surface temperature of 27.0 ± 5.0 °C).

However, when it is not possible to maintain these conditions due to the weather, this is noted in the test results.

Furthermore, because professional drivers are used in these experiments, the distance it takes to stop the vehicle may be shorter than when the vehicle is driven by the average driver.

Dry road surface ☀️		40.8m
Wet road surface 💧		42.9m

[Dry road surface]



[Wet road surface]

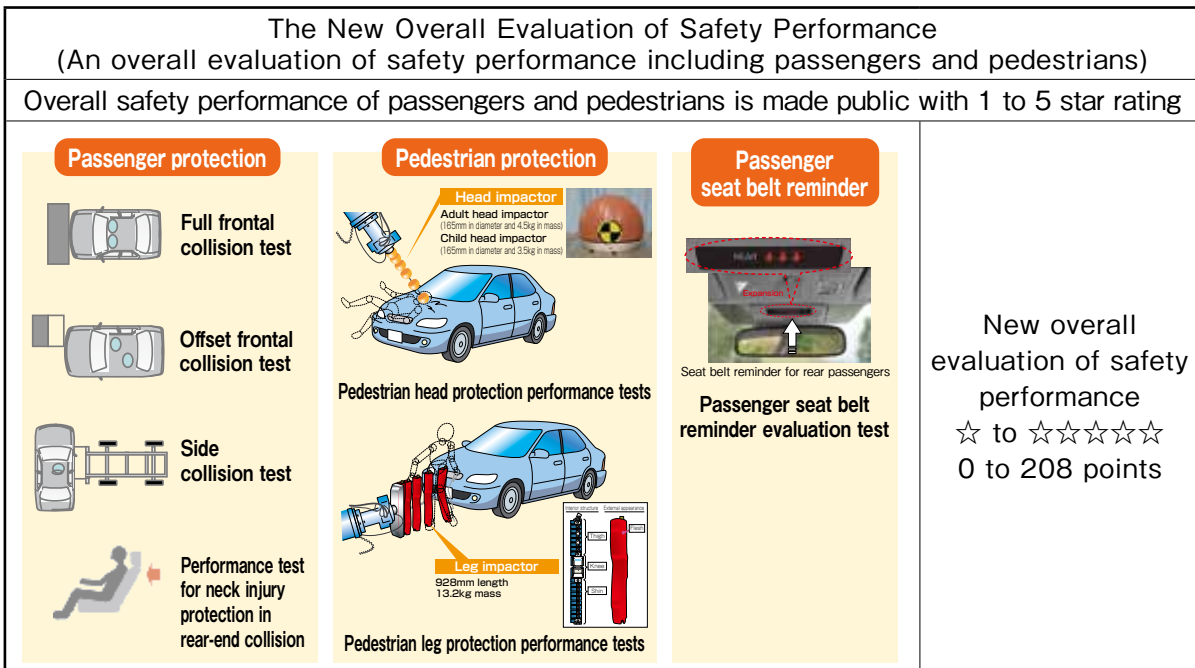
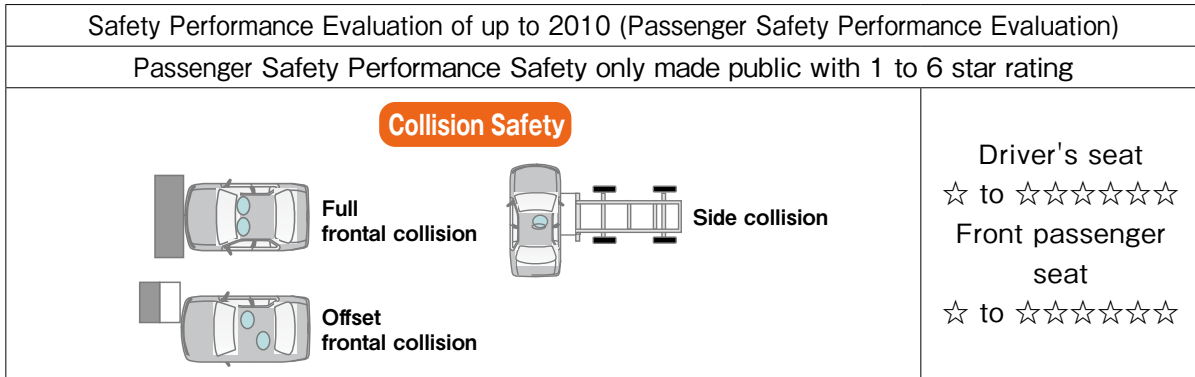


Chapter 5 Overall Evaluation

1. New overall evaluation of safety performance

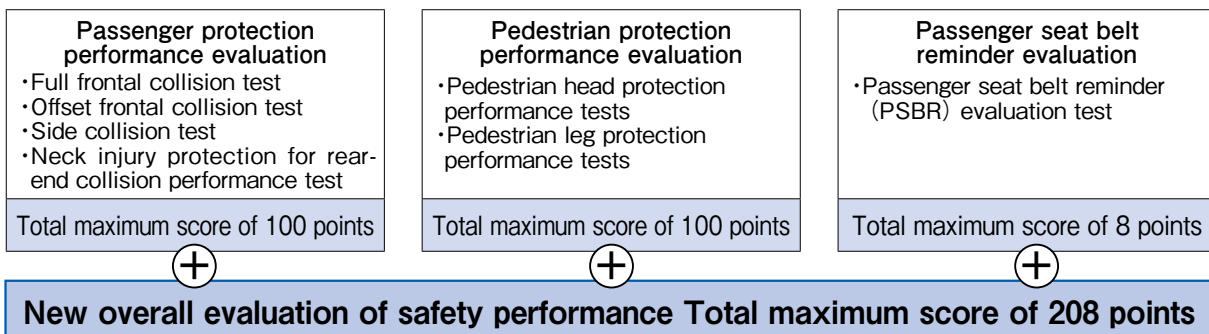
◇ Outline

Until FY2010, the overall evaluation of safety performance (covering the driver's seat and front passenger seat) was made public by a rating of from one to six-stars. However, considering the state of traffic accidents involving passengers and pedestrians, it was decided to make public the overall evaluation of safety performance of vehicles, including that of pedestrians, by a rating of from one to five-stars as well as by a numerical score.



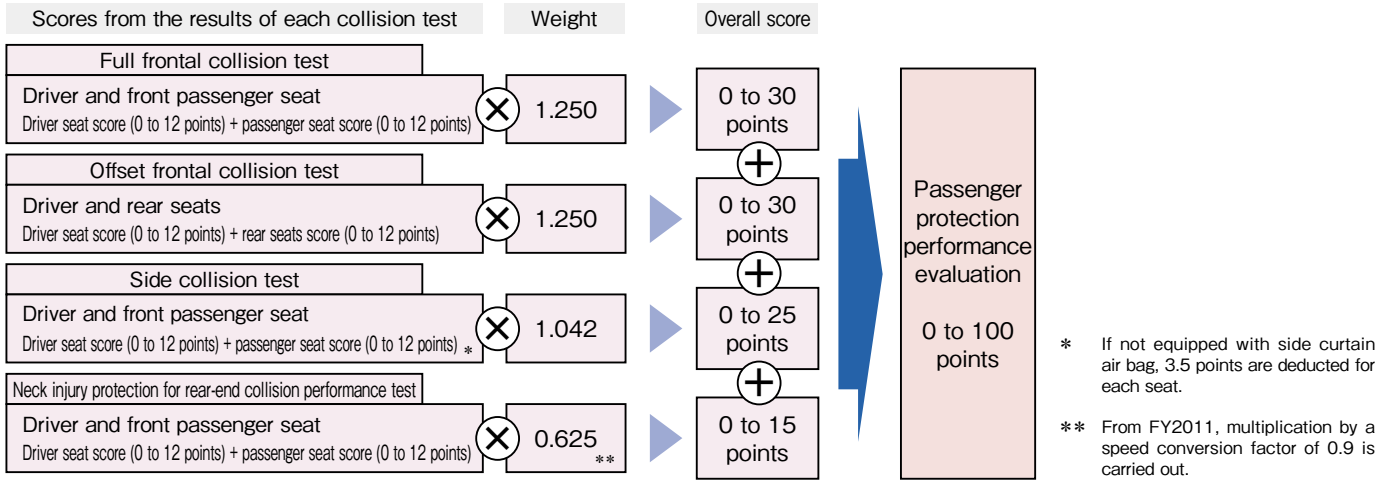
◇ Overall points

The maximum total of points for the new overall evaluation of safety performance is 208 points, consisting of the passenger protection performance evaluation (maximum 100 points), the pedestrian protection performance evaluation (maximum 100 points), and the seat belt reminder evaluation (maximum 8 points).



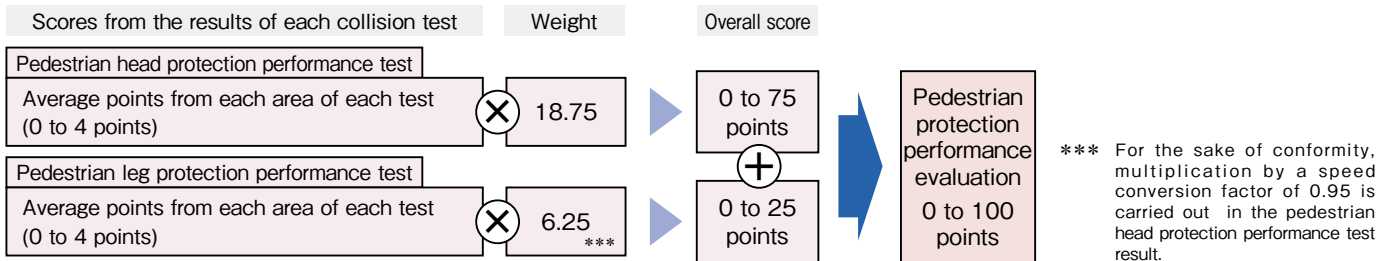
◇ Methods of evaluating passenger protection performance

With regard to evaluation of passenger protection evaluation, the points obtained from four different tests (full frontal collision test, offset frontal collision test, side collision test and neck injury protection for rear-end collision performance test) are multiplied by a weighting factor according to Japan's road accident data by each test (full frontal collision test, offset frontal collision test, side collision test and neck injury protection for rear-end collision performance test→30:30:25:15) and full mark will be 100 points.



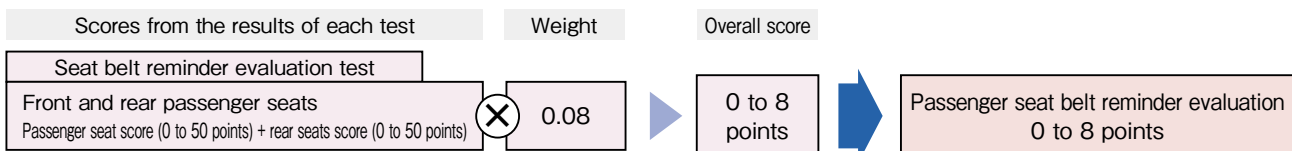
◇ Methods of evaluating pedestrian protection performance

With regard to evaluation of pedestrian protection evaluation, the points obtained from two tests are multiplied by a weighting factor according to Japan's road accident data by each test (pedestrian head protection performance test: pedestrian leg protection performance test→75:25) and this score is expressed out from out of a maximum score of 100 points.



◇ Methods of evaluating passenger seat belt reminders

With regard to evaluation of passenger seat belt reminders, the points obtained from tests are multiplied by a weighting factor according to Japan's road accident data by each test (seat belt reminder for rear passengers) and this score is expressed out from out of a maximum score of 8 points.



◆ Interpretation of evaluation results - Evaluation method of the new overall evaluation of safety performance (Star rating)

Evaluation is performed on a five-level rating from a top score of 208 points for the passenger protection performance evaluation (full marks of 100 points), the pedestrian protection performance evaluation (full marks of 100 points), and the seat belt reminder evaluation (full marks of 8 points).

Currently commercially available vehicles receive as a matter of course, a basic score of 110.0 points, set as the minimum number of points, and a rating of under 110.0 points earns ☆, a rating of 110.0 or more and under 130.0 points earns ☆☆, a rating of 130.0 or more and under 150.0 points earns ☆☆☆, a rating of 150.0 or more and under 170.0 points earns ☆☆☆☆, and a rating of 170.0 or more points earns ☆☆☆☆☆.

Additional conditions were set for earning the highest evaluation of five-stars, which requires earning level 4 or higher in each of the passenger protection performance tests and pedestrian head protection performance test (In 2011, light green or green on rear-end collision test), as well as level 3 or higher in the pedestrian leg protection performance test.

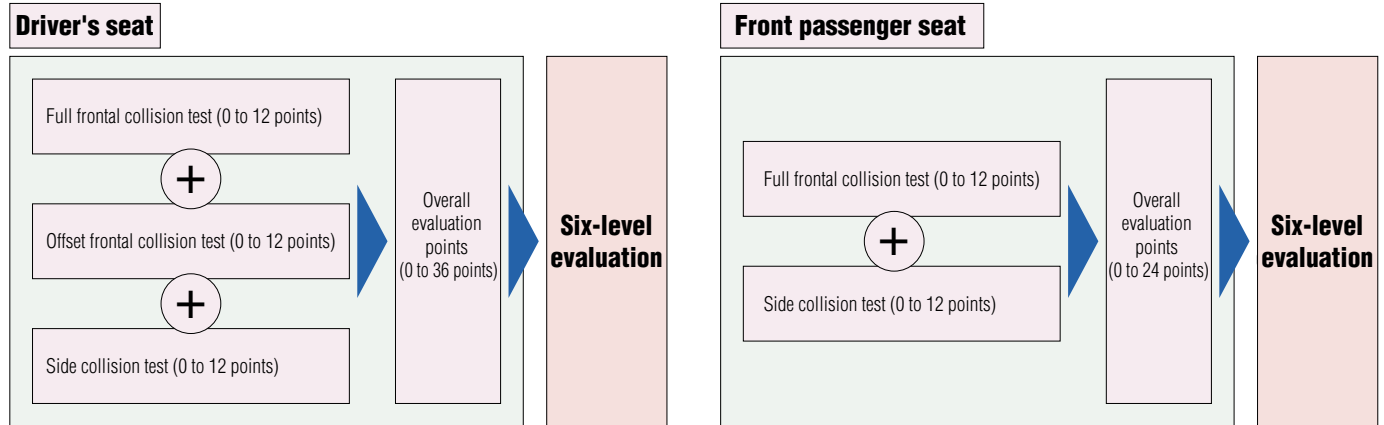


2. Method of overall evaluation for collision safety performance (Evaluation method until FY2010)

◇ Outline

For the driver's seat, the results of the full frontal collision test, offset frontal collision test, and side collision test are added together and evaluated to 6 different levels.

For the Frontal passenger's seat, the results of the full frontal collision test and the side collision test (results for the driver's or the front passenger's seat are used) are added together and evaluated to 6 different levels.



◇ Interpretation of evaluation results

Overall evaluation of collision safety performance

The total points for the test results of the full frontal, offset frontal, and side collision tests calculated for the driver's seat and the full frontal and side collision (driver's or the front passenger's seat results are used) tests calculated for the front passenger's seat are each displayed in a bar graph.

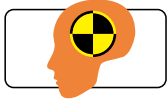
In addition, in order to accurately differentiate the evaluations of each vehicle, basic score is set based on what vehicles with today's technology are believed capable of achieving (16 points out of 36 for the driver's seat and 12 points out of 24 for the front passenger's seat). Vehicles which score below these standard point values are given one-star and vehicles which have scores which fall between the basic score and top point value are awarded two to six-stars, which is calculated by dividing the range from the basic score to the top point value into five equal parts.



※Others

◇ Method of evaluation of side curtain air bag evaluation and interpretation of the evaluation results

From FY2008, the side curtain air bag deployment evaluation was added to the side collision test.



This mark shows that side curtain air bag evaluation was made in the side collision test.

Driver's seat ★★★★★★ 6⁺

The "+" mark added to the upper right of the number showing the overall evaluation of collision safety performance means that side curtain air bags are equipped in this test vehicle, and apply to the requirement in the testing methods as a result of evaluating the circumstances & range of equipment in side collision test.

◇ Door openability

Degree of difficulty in opening the doors after a collision test



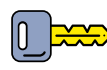
Opened with one hand



Opened with both hands



Opened using tools



Door was locked



Vehicle turned sideways after impact

At times, a vehicle may turn sideways after a side impact. This test is performed to measure how well passengers are protected when a vehicle is hit while stopped; it is not intended to evaluate the stability of the vehicle while it is in motion.

◇ Rescueability

Degree of difficulty in retrieving a dummy from the vehicle after a collision test



Dummy could be removed by hand without moving the seat



Dummy could be removed by hand after sliding or otherwise moving the seat



Dummy was wedged in by the body of the vehicle and had to be removed using tools

Rescueability of side collision test is confirmed at the opposite of the collided side. When a vehicle is overturned, the rescueability is confirmed in a condition of raising the vehicle.

◇ Interpretation of fuel leakage after a collision

Occurrence of fuel leakage from the collision test


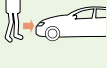
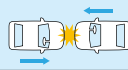
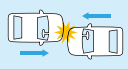


No fuel leakage



Fuel leakage occurred

Section 2 Table of Safety Performance Test Results

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Full Frontal Collision Test				Offset Frontal Collision Test		
Name of Manufacturer	Name of Vehicle Model			Head	Leg	Full Frontal Collision Test		Offset Frontal Collision Test				
		Evaluation	Point scores									
						Driver's seat	Front passenger's seat	Driver's seat	Rear passenger seat / *Front passenger's seat			
Test Vehicle Model in FY2013												
Toyota Motor Corporation	CROWN ATHLETE CROWN Royal	★★★★★ 5	189.7 points	Level 5	Level 4	Level 4	Level 4	Level 5	Level 5	Level 5	Level 5	
				3.67Points	4.00Points	87.2%	77.8%	88.2%	96.7%	92.74Points	91.00Points	
Honda Motor Co., Ltd.	ACCORD HYBRID	★★★★★ 5	178.9 points	Level 4	Level 4	Level 5	Level 5	Level 5	Level 4	Level 5	Level 4	
				3.09Points	3.60Points	91.1%	90.8%	97.5%	85.5%	79.46Points	94.48Points	
Honda Motor Co., Ltd.	FIT	★★★★★ 5	178.0 points	Level 4	Level 4	Level 5	Level 4	Level 5	Level 5	Level 5	Level 5	
				3.08Points	3.96Points	88.3%	82.4%	88.9%	91.2%	81.41Points	92.59Points	
Mitsubishi Motors Corporation	OUTLANDER PHEV ※3	★★★★★ 5	184.6 points	Level 5	Level 4	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	
				3.47Points	3.45Points	94.1%	94.2%	93.9%	88.1%	85.61Points	93.17Points	
Suzuki Motor Corporation	SPACIA	★★★★☆ 3	149.6 points	Level 4	Level 4	Level 3	Level 4	Level 4	Level 4	Level 4	Level 1	
				3.01Points	4.00Points	65.8%	75.8%	76.4%	46.1%	80.27Points	69.40Points	
Mazda Motor Corporation	FLAIR WAGON	★★★★☆ 4	152.2 points	Level 4	Level 4	Level 3	Level 4	Level 4	Level 4	Level 4	Level 2	
				3.01Points	4.00Points	65.8%	75.8%	85.0%	55.0%	80.27Points	72.02Points	
Daihatsu Motor Co., Ltd.	TANTO CUSTOM TANTO	★★★★☆ 4	160.5 points	Level 4	Level 4	Level 4	Level 4	Level 4	Level 4	Level 4	Level 3	
				3.08Points	4.00Points	76.9%	79.6%	85.6%	66.7%	81.58Points	74.97Points	
Nissan Motor Co., Ltd.	DAYZ Highway STAR DAYZ	★★★★☆ 4	161.8 points	Level 4	Level 4	Level 3	Level 5	Level 5	Level 5	Level 5	Level 3	
				3.00Points	4.00Points	74.5%	90.9%	88.4%	66.7%	80.01Points	77.84Points	
Honda Motor Co., Ltd.	N-ONE	★★★★☆ 4	161.5 points	Level 3	Level 4	Level 2	Level 4	Level 4	Level 4	Level 4	Level 3	
				2.88Points	4.00Points	55.6%	82.5%	80.2%	66.7%	77.83Points	79.71Points	
Honda Motor Co., Ltd.	N-WGN	★★★★★ 5	178.8 points	Level 4	Level 4	Level 4	Level 4	Level 5	Level 5	Level 5	Level 4	
				3.29Points	4.00Points	80.2%	84.3%	89.2%	76.5%	85.50Points	87.35Points	
Nissan Motor Co., Ltd.	SYLPHY	★★★★☆ 4	162.9 points	Level 4	Level 4	Level 4	Level 5	Level 5	Level 5	Level 5	Level 2	
				3.28Points	4.00Points	78.3%	91.0%	90.3%	55.0%	85.27Points	77.68Points	
Fuji Heavy Industries Ltd.	FORESTER	★★★★☆ 4	169.8 points	Level 5	Level 2	Level 5	Level 4	Level 5	Level 5	Level 5	Level 4	
				3.50Points	2.51Points	90.8%	82.3%	89.0%	87.2%	80.66Points	83.15Points	
Fuji Heavy Industries Ltd.	FORESTER (w/SCA) ※3	★★★★☆ 4	177.1 points	Level 5	Level 2	Level 5	Level 4	Level 5	Level 5	Level 5	Level 4	
				3.50Points	2.51Points	90.8%	82.3%	89.0%	87.2%	80.66Points	90.44Points	
Mazda Motor Corporation	ATENZA	★★★★★ 5	183.2 points	Level 5	Level 4	Level 5	Level 5	Level 5	Level 5	Level 5	Level 4	
				3.33Points	4.00Points	89.9%	94.7%	90.6%	85.2%	86.20Points	93.05Points	

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.

Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

※3 Model tested on consignment at the request of the vehicle manufacturers, etc.

Passenger protection performance evaluation			Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test			Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
		Driver's seat	Front passenger's seat				
Level 5 100.0%	Level 5 10.81Points	Level 5 10.81Points	Level 4 6.00Points			40.8	40.7
Level 5 100.0%	Level 5 11.80Points	Level 5 11.80Points	Level 3 5.00Points			42.2 (Note)	43.0 (Note)
Level 5 100.0%	Level 5 11.97Points	Level 5 11.97Points	Level 2 4.00Points			41.2 (Note)	41.4 (Note)
Level 5 100.0%	Level 4 10.08Points	Level 4 10.08Points	Level 3 5.90Points			41.1 (Note)	43.0 (Note)
Level 5 95.2%	Level 5 11.20Points	Level 4 10.05Points	Level - 0.00Point			45.1	45.0
Level 5 95.2%	Level 5 11.20Points	Level 4 10.05Points	Level - 0.00Point			45.1	45.0
Level 5 99.4%	Level 2 6.85Points	Level 5 10.85Points	Level 2 4.00Points			41.0 (Note)	41.9 (Note)
Level 5 93.8%	Level 5 10.88Points	Level 5 10.88Points	Level 2 4.00Points			43.5	46.3
Level 5 96.6%	Level 4 10.23Points	Level 4 10.23Points	Level 2 4.00Points			40.9	42.5
Level 5 97.3%	Level 5 10.79Points	Level 5 10.79Points	Level 4 6.00Points			40.3 (Note)	40.6 (Note)
Level 5 100.0%	Level 4 10.21Points	Level 4 10.21Points	Level - 0.00Point			42.8	44.2
Level 5 100.0%	Level 4 10.42Points	Level 4 10.42Points	Level 4 6.00Points			40.5	43.5
Level 5 100.0%	Level 4 10.42Points	Level 4 10.42Points	Level 4 6.00Points			40.5	43.5
Level 5 100.0%	Level 5 11.18Points	Level 5 11.18Points	Level 2 4.00Points			41.7	42.2

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1			
Name of Manufacturer	Name of Vehicle Model			Head	Leg	Full Frontal Collision Test		Offset Frontal Collision Test	
		Evaluation	Point scores			Driver's seat	Front passenger's seat	Driver's seat	Rear passenger seat / *Front passenger's seat
Test Vehicle Model in FY2013									
Mitsubishi Motors Corporation	MIRAGE	★★★★★ 4	163.4 points	Level 4 3.27Points	Level 4 3.91Points	Level 4 83.0%	Level 5 89.6%	Level 4 86.1%	Level 3 69.5%
				84.62Points		78.80Points			
VOLKSWAGEN	Golf	★★★★★ 5	176.7 points	Level 4 3.09Points	Level 4 3.86Points	Level 4 82.2%	Level 4 78.6%	Level 5 92.5%	Level 5 94.1%
				80.89Points		90.82Points			

◇ Table of safety performance test results before FY2012

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1		Full Frontal Collision Test	
Name of Manufacturer	Name of Vehicle Model			Head	Leg	Evaluation	% of total	Driver's seat	Front passenger's seat
		Evaluation	Point scores						
Electric vehicles, etc.									
Nissan Motor Co., Ltd.	LEAF	★★★★★ 4	169.8 points	Level 5 3.39points	Level 3 3.00points			Level 5 94.5%	Level 5 99.7%
				81.58points					
Toyota Motor Corporation	AQUA	★★★★★ 4	165.3 points	Level 4 3.12points	Level 4 4.00points			Level 3 73.8%	Level 4 86.6%
				82.25points					
Toyota Motor Corporation	PRIUS	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 5 3.33points		Driver's seat ★★★★★ 6+ Front passenger's seat ★★★★★ 6+	92.3% 96.1%	Level 4 84.2%	Level 5 92.2%
Toyota Motor Corporation	PRIUS α	★★★★★ 4	173.1 points	Level 4 3.09points	Level 4 3.92points			Level 4 84.8%	Level 5 93.9%
				81.39points					
Toyota Motor Corporation	SAI	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.11 points		Driver's seat ★★★★★ 6+ Front passenger's seat ★★★★★ 6+	95.1% 94.7%	Level 5 94.5%	Level 5 89.5%
Toyota Motor Corporation	LEXUS CT200h	★★★★★ 5	179.6 points	Level 4 3.20points	Level 4 3.91points			Level 5 94.5%	Level 5 98.0%
				83.35points					

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.

Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

※3 Model tested on consignment at the request of the vehicle manufacturers, etc.

Passenger protection performance evaluation			Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test			Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Front passenger's seat						
Level 5 95.5%	Level 4 10.38Points	Level 4 10.38Points	Level - 0.00Point			40.1 (Note)	40.2 (Note)
Level 5 99.9%	Level 5 10.97Points	Level 5 10.97Points	Level 3 5.00Points			37.3 (Note)	39.9 (Note)

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.

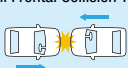
Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

Passenger protection performance evaluation			Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Offset Frontal Collision Test	Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test		Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Rear passenger seat / *Passenger seat	Driver's seat		Front passenger's seat			
Level 5 95.3%	Level 3 66.7%	Level 5 100.0%	Level - 0.00Point			43.8	46.6
88.29points		8.68points	8.83points				
Level 4 83.8%	Level 3 71.9%	Level 5 100.0%	Level 2 4.00Points			41.1	43.5
79.09points		11.15points	11.15points				
Level 5 92.5%	Level 3 73.4%	Level 5 100.0%	Level 2 4.00Points			43.3	47.3
9.41points		9.41points					
Level 5 91.9%	Level 3 74.9%	Level 5 100.0%	Level 2 4.00Points			40.9 (Note)	42.5 (Note)
87.74points		9.68points	9.68points				
Level 5 90.8%	Level 4 78.1%	Level 5 100.0%	Level 2 4.00Points			42.7	43.7
6.92points		6.92points					
Level 5 93.2%	Level 4 85.3%	Level 5 100.0%	Level 2 4.00Points			40.3	43.0
92.31points		10.34points	10.34points				

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1		Full Frontal Collision Test	
				Head	Leg				
Name of Manufacturer	Name of Vehicle Model	Evaluation	Point scores			Evaluation	% of total	Driver's seat	Front passenger's seat
Electric vehicles, etc.									
Honda Motor Co., Ltd.	INSIGHT	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 4 3.06points		Driver's seat ★★★★★ 6 Front passenger's seat ★★★★★ 5	95.1% 85.2%		Level 5 90.3%	Level 3 72.2%
Honda Motor Co., Ltd.	INSIGHT (w/SCA)	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 4 3.06points		Driver's seat ★★★★★ 6+ Front passenger's seat ★★★★★ 5+	94.2% 83.8%		Level 5 90.3%	Level 3 72.2%
Honda Motor Co., Ltd.	CR-Z	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 3 2.65points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★ 6	85.5% 90.5%		Level 4 80.7%	Level 4 83.5%
Honda Motor Co., Ltd.	CR-Z (w/SCA)	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 3 2.65points		Driver's seat ★★★★★ 5+ Front passenger's seat ★★★★★ 6+	86.2% 91.6%		Level 4 80.7%	Level 4 83.5%
Mini-sized Cars									
Suzuki Motor Corporation	ALTO	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 3 2.89points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★ 5	85.6% 84.9%		Level 4 78.6%	Level 4 75.0%
Mazda Motor Corporation	CAROL								
Suzuki Motor Corporation	ALTO Lapin	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 3 2.89points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★ 5	84.7% 86.1%		Level 3 71.2%	Level 4 79.5%
Suzuki Motor Corporation	EVERY	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 3 2.70points		Driver's seat ★★★★★ 4 Front passenger's seat ★★★★★ 6	77.6% 92.7%		Level 2 60.7%	Level 4 85.4%
Mazda Motor Corporation	SCRUM								
Suzuki Motor Corporation	Jimny	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 1 2.05points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★ 6	78.9% 92.4%		Level 4 76.2%	Level 4 85.3%
Suzuki Motor Corporation	WAGON R WAGON R STINGRAY	★★★★★ 4 154.3 points	Level 4 2.92points	Level 4 4.00points				Level 3 69.5%	Level 4 85.8%
Mazda Motor Corporation	FLAIR FLAIR CUSTOM STYLE								
Daihatsu Motor Co., Ltd.	TANTO Exe TANTO Exe CUSTOM	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 3 2.80points		Driver's seat ★★★★★ 6 Front passenger's seat ★★★★★ 6	89.3% 91.5%		Level 4 79.9%	Level 4 85.6%
Fuji Heavy Industries Ltd.	LUCRA LUCRA CUSTOM								
Daihatsu Motor Co., Ltd.	HIJET ATRAI WAGON	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 2 2.43points		Driver's seat ★★★★★ 4 Front passenger's seat ★★★★★ 5	75.9% 87.4%		Level 1 47.9%	Level 3 74.8%
Daihatsu Motor Co., Ltd.	Mira	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 3 2.79points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★ 5	84.1% 85.3%		Level 3 72.9%	Level 3 72.4%
Daihatsu Motor Co., Ltd.	Mira e:S	★★★★★ 4 153.4 points	Level 4 3.10points	Level 4 4.00points				Level 4 77.1%	Level 4 80.7%
Daihatsu Motor Co., Ltd.	Mira Cocoa	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	Level 4 2.97points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★ 5	86.2% 85.4%		Level 3 74.2%	Level 4 76.2%

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.

Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

Passenger protection performance evaluation						Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Offset Frontal Collision Test		Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test		Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>		Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Rear passenger seat / *Passenger seat		Driver's seat	Front passenger's seat						
Level 5 96.8%	Level 3 68.7%	Level 5 98.1%	8.81points	8.81points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.8	46.0	
Level 5 96.8%	Level 3 68.7%	Level 5 95.3%	8.81points	8.81points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.8	46.0	
Level 4 78.2%	Level 3 65.7%	Level 5 97.5%	10.80points	10.80points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			39.2	41.8	
Level 4 78.2%	Level 3 65.7%	Level 5 99.6%	10.80points	10.80points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			39.2	41.8	
Level 4 83.5%	Level 3 66.8%	Level 5 94.7%	0.00Point	0.00Point	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.9	45.0	
Level 5 90.1%	※Level 5 98.8%	Level 5 92.8%						41.2 (Note)	44.1 (Note)	
Level 3 72.2%	※Level 5 99.9%	Level 5 100.0%						45.2 (Note)	Unpublished	
Level 2 61.0%	※Level 5 92.2%	Level 5 99.5%						49.7	Unpublished	
Level 4 82.5%	Level 3 69.0%	Level 5 95.5%	Level 4 9.57points	Level 5 11.30points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.1 (Note)	41.7 (Note)	
			75.65points		0.00Point					
Level 5 90.5%	Level 3 66.7%	Level 5 97.5%	9.93points	9.93points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.9	46.7	
Level 4 79.9%	※Level 5 91.8%	Level 5 100.0%						43.5 (Note)	Unpublished	
Level 4 81.2%	※Level 5 96.2%	Level 5 98.2%						40.8 (Note)	44.2 (Note)	
Level 4 84.5%	Level 3 68.5%	Level 5 92.9%	7.95points	7.95points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.5	45.6	
			71.51points		0.00Point					
Level 5 89.7%	Level 3 66.7%	Level 5 94.6%	4.74points	4.74points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.5	44.6	

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1		Full Frontal Collision Test		
Name of Manufacturer	Name of Vehicle Model	Evaluation	Point scores	Head	Leg	Evaluation	% of total	Driver's seat	Front passenger's seat	
Mini-sized Cars										
Daihatsu Motor Co., Ltd.	MOVE MOVE CUSTOM	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	2.82points	Level 3		Driver's seat	89.5%	Level 4	Level 5	
						★★★★★ 6				84.7%
						Front passenger's seat				
						★★★★★ 6	91.8%			
Daihatsu Motor Co., Ltd.	MOVE Conte MOVE Conte CUSTOM	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	3.03points	Level 4		Driver's seat	84.0%	Level 3	Level 4	
						★★★★★ 5				70.7%
						Front passenger's seat				
						★★★★★ 5	88.8%			
Nissan Motor Co., Ltd.	Moco	★★★★★ 3	140.2 points	Level 4	Level 4			Level 3	Level 3	
Suzuki Motor Corporation	MR Wagon			3.01points	4.00points	80.36points		64.1%	74.6%	
Honda Motor Co., Ltd.	VAMOS	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.				Driver's seat	65.0%	Level 1	Level 3	
						★★★★★ 3				47.9%
						Front passenger's seat				
						★★★★★ 3	69.4%			
Honda Motor Co., Ltd.	Life	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	2.89points	Level 3		Driver's seat	83.4%	Level 4	Level 4	
						★★★★★ 5				81.8%
						Front passenger's seat				
						★★★★★ 5	83.3%			
Honda Motor Co., Ltd.	N BOX	★★★★★ 4	157.7 points	Level 4	Level 4			Level 3	Level 3	
				3.09points	4.00points	81.73points		69.6%	67.1%	
Passenger Cars										
Suzuki Motor Corporation	ESCUDO	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	3.19points	Level 4		Driver's seat	83.8%	Level 3	Level 4	
						★★★★★ 5				71.2%
						Front passenger's seat				
						★★★★★ 6	90.0%			
Suzuki Motor Corporation	SWIFT	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	3.13points	Level 4		Driver's seat	93.4%	Level 5	Level 5	
						★★★★★ 6				90.2%
						Front passenger's seat				
						★★★★★ 6	90.9%			
Suzuki Motor Corporation	Splash	★★★★★ 3	145.2 points	Level 3	Level 4			Level 3	Level 4	
				2.85points	3.33points	73.34points		74.3%	81.1%	
Suzuki Motor Corporation	Solio	★★★★★ 3	143.5 points	Level 3	Level 4			Level 4	Level 4	
				2.91points	4.00points	78.44points		77.2%	81.5%	
Mitsubishi Motors Corporation	Delica D:2									
Suzuki Motor Corporation	SX4	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	2.86points	Level 3		Driver's seat	86.7%	Level 4	Level 4	
						★★★★★ 5+				75.3%
						Front passenger's seat				
						★★★★★ 5+	89.2%			
Toyota Motor Corporation	Isis	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	2.94points	Level 4		Driver's seat	87.3%	Level 4	Level 5	
						★★★★★ 5				82.8%
						Front passenger's seat				
						★★★★★ 6	94.1%			
Toyota Motor Corporation	ist	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	3.13points	Level 4		Driver's seat	89.0%	Level 4	Level 4	
						★★★★★ 6+				84.6%
						Front passenger's seat				
						★★★★★ 5+	85.9%			
Toyota Motor Corporation	WISH	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.	3.06points	Level 4		Driver's seat	94.6%	Level 4	Level 5	
						★★★★★ 6+				85.7%
						Front passenger's seat				
						★★★★★ 6+	97.4%			

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※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

Passenger protection performance evaluation						Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Offset Frontal Collision Test		Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test				Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Rear passenger seat / *Passenger seat		Driver's seat	Front passenger's seat						
Level 5 87.8%	Level 3 66.7%	Level 5 96.1%	10.95points	10.95points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.6 (Note)	47.4 (Note)	
Level 4 83.3%	※Level 5 98.6%	Level 5 98.0%						42.6 (Note)	46.2 (Note)	
Level 4 78.5%	Level 3 66.7%	Level 5 98.3%	0.00Point	0.00Point	Level - Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.8	45.1	
59.87points						0.00Point				
Level 3 74.2%	※Level 5 94.5%	Level 3 72.8%						48.8 (Note)	59.4 (Note)	
Level 4 81.6%	※Level 5 93.7%	Level 4 86.8%						43.3 (Note)	48.5	
Level 4 87.0%	Level 3 66.7%	Level 5 93.6%	Level 4 9.87points	Level 4 9.87points	Level 2 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			43.0	44.9	
72.02points						4.00Points				
Level 4 80.2%	※Level 5 98.2%	Level 5 100.0%						43.5	Unpublished	
Level 5 97.0%	Level 3 67.9%	Level 5 93.0%	11.03points	11.03points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			43.9	46.6 (Note)	
Level 4 77.2%	Level 4 75.9%	Level 5 94.9%	1.66points	1.66points	Level - Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.2 (Note)	43.0 (Note)	
71.89points						0.00Point				
Level 4 84.3%	Level 3 66.7%	Level 5 100.0%	0.62points	1.07points	Level - Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			43.9	47.4	
71.89points						0.00Point				
Level 4 84.7%	※Level 5 94.5%	Level 5 100.0%						43.1 (Note)	43.7 (Note)	
Level 4 81.8%	※Level 5 98.3%	Level 5 97.4%						41.6 (Note)	Unpublished	
Level 5 94.4%	※Level 5 91.2%	Level 5 87.9%						40.0	42.4	
Level 5 98.2%	Level 3 70.6%	Level 5 100.0%	7.96points	7.96points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.6	44.7	

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1		Full Frontal Collision Test	
Name of Manufacturer	Name of Vehicle Model	Evaluation	Point scores	Head 	Leg 	Evaluation	% of total	Driver's seat 	Front passenger's seat 
Toyota Motor Corporation	Vitz	★★★★★ 4	166.5 points	Level 4 3.10points	Level 4 4.00points			Level 4 86.6%	Level 5 92.2%
Toyota Motor Corporation	VELLFIRE ALPHARD	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 5 3.47points		Driver's seat ★★★★★★ 6+	95.7%	Level 5 97.0%	Level 5 95.9%
Toyota Motor Corporation	ESTIMA	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 5 3.35points		Driver's seat ★★★★★★ 6	95.2%	Level 5 90.8%	Level 4 86.3%
Toyota Motor Corporation	COROLLA FIELDER COROLLA Axio	★★★★★ 5	178.4 points	Level 4 3.23points	Level 4 3.97points			Level 4 75.2%	Level 4 84.9%
Toyota Motor Corporation	COROLLA RUMION	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.29points		Driver's seat ★★★★★★ 6+	95.3%	Level 5 91.5%	Level 5 89.5%
Toyota Motor Corporation	SIENTA	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3: 2.55points		Driver's seat ★★★★★★ 6	89.3%	Level 4 82.8%	Level 4 78.1%
Toyota Motor Corporation	SPADE Porte	★★★★★ 4	167.2 points	Level 4 3.08points	Level 4 4.00points			Level 4 84.1%	Level 4 84.5%
Toyota Motor Corporation	PASSO	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.18points		Driver's seat ★★★★★★ 6	89.9%	Level 4 86.6%	Level 5 88.1%
Daihatsu Motor Co., Ltd.	BOON					Front passenger's seat ★★★★★★ 6	90.6%		
Toyota Motor Corporation	PASSO (w/SCA)	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.18points		Driver's seat ★★★★★★ 6+	92.2%	Level 4 86.6%	Level 5 88.1%
Daihatsu Motor Co., Ltd.	BOON (w/SCA)					Front passenger's seat ★★★★★★ 6+	94.0%		
Toyota Motor Corporation	PREMIO ALLION	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.00points		Driver's seat ★★★★★★ 6	93.9%	Level 5 88.9%	Level 5 95.9%
Toyota Motor Corporation	MARK X	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.21 points		Driver's seat ★★★★★★ 6+	91.2%	Level 5 87.7%	Level 5 88.2%
Toyota Motor Corporation	Ractis	★★★★★ 4	165.3 points	Level 4 3.24points	Level 4 3.97points			Level 4 81.8%	Level 4 77.9%
Fuji Heavy Industries Ltd.	Trevia					Front passenger's seat ★★★★★★ 6+	90.1%		
Toyota Motor Corporation	Rush	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.31 points		Driver's seat ★★★★★★ 6	92.6%	Level 4 83.1%	Level 4 81.8%
Daihatsu Motor Co., Ltd.	Be-go					Front passenger's seat ★★★★★★ 6	90.9%		
Toyota Motor Corporation	LAND CRUISER PRADO	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 5 3.49points		Driver's seat ★★★★★★ 6+	96.8%	Level 5 93.4%	Level 5 88.8%
Toyota Motor Corporation	bB	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3: 2.76points		Driver's seat ★★★★★ 5	87.1%	Level 3: 72.0%	Level 4 83.9%
						Front passenger's seat ★★★★★★ 6	92.0%		

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.

Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

Passenger protection performance evaluation						Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Offset Frontal Collision Test		Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test				Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Rear passenger seat / *Passenger seat		Driver's seat	Front passenger's seat						
Level 5 89.1%	Level 3 69.3%	Level 5 100.0%	10.84points	10.84points	Level 2 Front <input type="radio"/> rear passenger seats <input type="checkbox"/>			42.3	44.3	
71.51points						4.00Points				
Level 5 90.2%	※Level 5 93.2%	Level 5 100.0%						41.7	47.1	
Level 5 94.8%	※Level 5 93.7%	Level 5 100.0%						41.7	45.5	
Level 5 88.2%	Level 5 88.4%	Level 5 100.0%	Level 5 11.74points	Level 5 11.74points	Level 2 Front <input type="radio"/> rear passenger seats <input type="checkbox"/>			44.5	46.2	
90.20points						4.00Points				
Level 5 94.4%	※Level 5 97.1%	Level 5 100.0%						43.1	45.1	
Level 4 85.1%	※Level 5 95.9%	Level 5 100.0%						46.0	52.3	
Level 5 97.8%	Level 3 69.7%	Level 5 100.0%	Level 5 11.08points	Level 4 10.47points	Level 2 Front <input type="radio"/> rear passenger seats <input type="checkbox"/>			42.1 (Note)	43.8 (Note)	
81.62points						4.00Points				
Level 5 90.1%	Level 2 54.2%	Level 5 93.1%	10.27points	10.27points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			44.4	49.0	
Level 5 90.1%	Level 2 54.2%	Level 5 100.0%	10.27points	10.27points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			44.4	49.0	
Level 5 94.8%	※Level 5 97.3%	Level 5 97.8%						41.2 (Note)	43.2 (Note)	
Level 5 93.9%	Level 4 75.9%	Level 5 91.9%	6.64points	6.64points	Front <input type="radio"/> rear passenger seats <input type="checkbox"/>			40.5 (Note)	42.3 (Note)	
Level 5 89.5%	Level 3 70.8%	Level 5 100.0%	9.85points	9.85points	Level 2 Front <input type="radio"/> rear passenger seats <input type="checkbox"/>			42.3	44.0	
76.82points						4.00Points				
Level 5 94.8%	※Level 5 99.5%	Level 5 100.0%						43.0	47.5	
Level 5 97.2%	Level 3 68.6%	Level 5 100.0%	7.91points	7.91points	Front <input type="radio"/> rear passenger seats <input type="checkbox"/>			43.0 (Note)	50.4 (Note)	
Level 5 89.5%	※Level 5 88.6%	Level 5 100.0%						40.3	43.5	

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1		Full Frontal Collision Test	
Name of Manufacturer	Name of Vehicle Model	Evaluation	Point scores	Head	Leg	Evaluation	% of total	Driver's seat	Front passenger's seat
Passenger Cars									
Toyota Motor Corporation	RAV4	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 5 3.37points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	90.3%	Level 4 86.6%	Level 4 84.5%
Toyota Motor Corporation	86	★★★★★ 4	168.8 points	Level 4 3.26points	Level 4 3.57points			Level 4 85.6%	Level 4 84.7%
Fuji Heavy Industries Ltd.	BRZ			82.49points					
Toyota Motor Corporation	LEXUS IS250	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 2: 2.33points		Driver's seat ★★★★★★ 6+ Front passenger's seat ★★★★★★ 6+	90.7%	Level 4 86.5%	Level 5 93.6%
Nissan Motor Co., Ltd.	WINGROAD	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 2: 2.44points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	90.8%	Level 4 85.9%	Level 4 85.9%
Nissan Motor Co., Ltd.	ELGRAND	★★★★★ 5	173.1 points	Level 4 3.24points	Level 4 3.68points			Level 5 94.9%	Level 5 94.4%
				82.71points					
Nissan Motor Co., Ltd.	CUBE	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3 2.87points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	92.7%	Level 4 85.6%	Level 5 88.5%
Nissan Motor Co., Ltd.	JUKE	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 5 3.43points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★ 5	93.9%	Level 4 85.5%	Level 4 78.3%
Nissan Motor Co., Ltd.	SKYLINE	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3: 2.67points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	89.3%	Level 4 80.1%	Level 5 87.8%
Nissan Motor Co., Ltd.	SERENA	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 2.94points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	91.4%	Level 4 85.8%	Level 4 84.5%
Suzuki Motor Corporation	LANDY						92.3%		
Nissan Motor Co., Ltd.	DUALIS	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.17points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	89.0%	Level 4 76.9%	Level 4 80.2%
Nissan Motor Co., Ltd.	NOTE	★★★★★ 4	162.3 points	Level 4 3.09points	Level 4 3.92points			Level 5 87.6%	Level 5 92.1%
				81.27points					
Nissan Motor Co., Ltd.	MARCH	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.03points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★ 5	88.8%	Level 4 82.9%	Level 4 83.2%
Nissan Motor Co., Ltd.	LATIO	★★★★★ 4	163.6 points	Level 4 3.20points	Level 4 4.00points			Level 4 85.5%	Level 5 88.8%
				83.80points					
Fuji Heavy Industries Ltd.	IMPREZA	★★★★★ 5	174.2 points	Level 5 3.38points	Level 4 3.97points			Level 4 80.9%	Level 4 82.8%
				87.02points					
Fuji Heavy Industries Ltd.	IMPREZA (w/SCA)	★★★★★ 5	181.8 points	Level 5 3.38points	Level 4 3.97points			Level 4 80.9%	Level 4 82.8%
				87.02points					

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.


Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

Passenger protection performance evaluation						Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Offset Frontal Collision Test		Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test				Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Rear passenger seat / *Passenger seat		Driver's seat	Front passenger's seat						
Level 4 84.2%	※Level 5 93.8%	Level 5 100.0%							42.6 (Note)	Unpublished
Level 5 93.0%	Level 4 80.6%	Level 4 86.3%	Level 2 7.31points	Level 2 7.31points	Level 2 4.00Points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			39.6	41.0
82.32points										
Level 4 85.5%	※Level 5 98.8%	Level 5 100.0%							40.1 (Note)	Unpublished
Level 5 91.1%	※Level 5 95.7%	Level 5 98.7%							41.6 (Note)	Unpublished
Level 5 99.8%	Level 4 79.5%	Level 5 100.0%	Level 2 8.99points	Level 2 8.99points	Level 0 0.00Point	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			40.5 (Note)	43.4 (Note)
90.42points										
Level 5 93.7%	Level 3 66.7%	Level 5 98.7%	Level 2 10.97points	Level 2 8.47points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				45.6	50.0
Level 5 96.2%	Level 3 67.3%	Level 5 100.0%	Level 2 10.25points	Level 2 10.25points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				43.5	47.7
Level 5 88.7%	※Level 5 98.7%	Level 5 99.2%							42.8	46.5
Level 5 88.3%	Level 4 78.8%	Level 5 100.0%	Level 2 7.43points	Level 2 7.43points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				42.9 (Note)	45.3 (Note)
Level 5 90.1%	※Level 5 99.5%	Level 5 100.0%							41.6 (Note)	45.8 (Note)
Level 5 98.0%	Level 3 66.7%	Level 5 100.0%	Level 5 10.58points	Level 3 8.09points	Level 0 0.00Point	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.9	44.2
81.04points										
Level 5 90.9%	Level 3 72.6%	Level 5 92.4%	Level 2 7.84points	Level 2 7.84points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				41.5	44.8
Level 4 84.4%	Level 3 72.4%	Level 5 100.0%	Level 4 10.00Point	Level 4 10.00Point	Level 0 0.00Point	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.6 (Note)	43.7 (Note)
79.87points										
Level 5 87.8%	Level 4 80.8%	Level 5 98.8%	Level 5 11.16points	Level 5 11.16points	Level 4 6.00Points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.1	43.5
81.21points										
Level 5 87.8%	Level 4 80.8%	Level 5 100.0%	Level 5 11.16points	Level 5 11.16points	Level 4 6.00Points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.1	43.5
88.82points										

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1		Full Frontal Collision Test	
				Head	Leg				
Name of Manufacturer	Name of Vehicle Model	Evaluation	Point scores			Evaluation	% of total	Driver's seat	Front passenger's seat
Passenger Cars									
Fuji Heavy Industries Ltd.	EXIGA	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 5 3.48points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	95.6% 99.3%	Level 5 95.9%	Level 5 98.5%
Fuji Heavy Industries Ltd.	LEGACY	★★★★★ 5	182.9 points	Level 5 3.33points	Level 4 4.00points			Level 5 97.1%	Level 5 91.8%
				86.27points					
Honda Motor Co., Ltd.	STEP WGN	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.13points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	96.3% 95.4%	Level 5 94.8%	Level 5 93.2%
Honda Motor Co., Ltd.	STEP WGN (w/SCA)	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.13points		Driver's seat ★★★★★★ 6+ Front passenger's seat ★★★★★★ 6+	97.2% 96.6%	Level 5 94.8%	Level 5 93.2%
Honda Motor Co., Ltd.	STREAM	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3 2.83points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	94.4% 92.8%	Level 5 92.0%	Level 4 85.5%
Honda Motor Co., Ltd.	FREED	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.01points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	90.7% 93.0%	Level 4 76.7%	Level 4 86.1%
Honda Motor Co., Ltd.	CR-V	★★★★★ 5	176.7 points	Level 4 3.14points	Level 4 3.41points			Level 5 93.8%	Level 5 91.5%
				79.16points					
Mazda Motor Corporation	DEMIO	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3 2.67points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★★ 6	87.1% 91.0%	Level 3 71.7%	Level 4 85.9%
Mazda Motor Corporation	BIANTE	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3 2.67points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	93.6% 97.0%	Level 5 94.4%	Level 5 93.9%
Mazda Motor Corporation	PREMACY	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 2.95points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	92.5% 96.8%	Level 5 92.1%	Level 5 93.5%
Mazda Motor Corporation	VERISA	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3 2.83points		Driver's seat ★★★★★ 5 Front passenger's seat ★★★★★★ 6	86.1% 92.6%	Level 3 71.8%	Level 4 85.5%
Mazda Motor Corporation	CX-5	★★★★★ 5	184.3 points	Level 5 3.46points	Level 4 4.00points			Level 5 91.9%	Level 5 93.0%
				88.74points					
Mazda Motor Corporation	MPV	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3 2.72points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	94.4% 96.5%	Level 5 88.7%	Level 5 93.1%
Mitsubishi Motors Corporation	OUTLANDER	★★★★★ 5	184.6 points	Level 5 3.47points	Level 4 3.45points			Level 5 94.1%	Level 5 94.2%
				85.61points					
Mitsubishi Motors Corporation	Galant	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3 2.75points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★ 5	94.7% 87.4%	Level 5 92.1%	Level 4 82.5%

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.

Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

Passenger protection performance evaluation						Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Offset Frontal Collision Test		Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test				Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Rear passenger seat / *Passenger seat		Driver's seat	Front passenger's seat						
Level 5 90.8%	※ Level 5 98.8%	Level 5 100.0%							40.3 (Note)	48.1 (Note)
Level 5 97.1%	Level 4 78.8%	Level 5 100.0%	10.32points	10.32points	Level 3 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			39.0	41.2	
91.33points						5.33Points				
Level 5 96.7%	Level 3 67.5%	Level 5 97.5%	10.18points	10.18points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			40.6 (Note)	43.6 (Note)	
Level 5 96.7%	Level 3 67.5%	Level 5 100.0%	10.18points	10.18points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			40.6 (Note)	43.6 (Note)	
Level 5 91.3%	※ Level 5 100.0%	Level 5 100.0%						43.4	46.5	
Level 5 95.5%	※ Level 5 95.8%	Level 5 99.9%						44.5	48.1	
Level 5 92.0%	Level 4 87.2%	Level 5 100.0%	11.16points	11.16points	Level 2 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.4 (Note)	42.0 (Note)	
93.62points						4.00Points				
Level 5 93.6%	※ Level 5 95.9%	Level 5 96.1%						42.9	49.0	
Level 4 86.4%	※ Level 5 96.0%	Level 5 100.0%						41.1 (Note)	44.3 (Note)	
Level 4 85.5%	Level 4 80.2%	Level 5 100.0%	4.99points	4.99points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			42.8	46.8	
Level 4 86.8%	※ Level 5 97.7%	Level 5 99.7%						46.6	54.6	
Level 5 94.4%	Level 4 84.8%	Level 5 100.0%	9.58points	9.58points	Level 2 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			39.3	40.5	
91.60points						4.00Points				
Level 5 94.5%	※ Level 5 91.5%	Level 5 100.0%						42.9	51.2	
Level 5 93.9%	Level 5 88.1%	Level 5 100.0%	10.08points	10.08points	Level 3 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>			41.1 (Note)	43.0 (Note)	
93.17points						5.90Points				
Level 5 99.8%	※ Level 5 95.4%	Level 5 92.3%						40.4 (Note)	44.7 (Note)	

		New Overall Evaluation of Safety Performance		Pedestrian Protection Performance Test		Overall Evaluation of Collision Safety Performance ※1		Full Frontal Collision Test	
				Head	Leg				
Name of Manufacturer	Name of Vehicle Model	Evaluation	Point scores			Evaluation	% of total	Driver's seat	Front passenger's seat
Passenger Cars									
Mitsubishi Motors Corporation	DELICA	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3: 2.67points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	95.9%	Level 5 93.2%	Level 4 82.0%
Mitsubishi Motors Corporation	RVR	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.25points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	93.4%	Level 5 89.0%	Level 5 87.5%
AUDI	A1	★★★★★ 4	157.9 points	Level 3: 2.83points	Level 4 3.71points			Level 3 66.5%	Level 4 77.6%
				75.13points					
BMW	X1	★★★★★ 4	160.5 points	Level 3: 2.78points	Level 4 4.00points			Level 4 85.4%	Level 5 91.6%
				75.97points					
Fiat	500/500C	★★★★★ 3	138.6 points	Level 2: 2.23points	Level 4 3.88points			Level 1 45.2%	Level 2 58.8%
Abarth	500/500C			64.96points					
VOLKSWAGEN	Polo	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 2: 2.34points		Driver's seat ★★★★★★ 6+ Front passenger's seat ★★★★★★ 6+	89.3%	Level 4 78.2%	Level 4 86.8%
Commercial Vehicles									
Toyota Motor Corporation	Probox VAN	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 2: 2.45points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	90.7%	Level 4 84.5%	Level 4 85.4%
Nissan Motor Co., Ltd.	AD EXPERT	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 3: 2.60points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★★ 6	89.0%	Level 4 83.0%	Level 3 73.4%
Mazda Motor Corporation	FAMILIA VAN					★★★★★ 5	86.0%		
Nissan Motor Co., Ltd.	NV200 VANETTE	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 4 3.27points		Driver's seat ★★★★★★ 6 Front passenger's seat ★★★★★ 5	92.3%	Level 4 86.3%	Level 4 75.2%
Nissan Motor Co., Ltd.	VANETTE VAN	Due to evaluated vehicle types prior to 2010, the new overall evaluation of safety performance was not carried out.		Level 2: 2.14points		Driver's seat ★★★★★ 4 Front passenger's seat ★★★★★★ 6	67.8%	Level 3 63.7%	Level 4 84.2%
Mazda Motor Corporation	BONGO VAN					★★★★★★ 6	92.1%		

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.

Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※ We evaluated in the passenger seat that is a model of performing the offset frontal collision test before 2008.

※1 Overall evaluation of collision safety performance comprehensive evaluation, we evaluate full frontal collision test, offset frontal collision test, the total number of side impact test results.

※2 The numbers under the bar graph are the percentage of totals.

Passenger protection performance evaluation						Seat belt reminder evaluation	Rear passenger seat belt usability evaluation		Brake performance test (meters)	
Offset Frontal Collision Test		Side Collision Test	Neck Injury Protection for Rear-end Collision Performance Test				Front passenger's seat side	Driver's seat side	Dry road surface	Wet road surface
Driver's seat	Rear passenger seat / *Passenger seat		Driver's seat	Front passenger's seat						
Level 5 94.7%	※Level 5 89.7%	Level 5 100.0%							42.8	45.6
Level 5 91.2%	Level 3 70.0%	Level 5 100.0%	6.98points	6.98points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				40.8	42.9
Level 4 83.5%	Level 4 83.1%	Level 4 84.5%	9.00points	9.00points	Level 3 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				38.1 (Note)	40.1 (Note)
77.86points					5.00Points					
Level 4 86.8%	Level 3 69.0%	Level 5 95.8%	5.92points	5.92points	Level 2 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				37.7 (Note)	40.2 (Note)
80.53points					4.00Points					
Level 4 83.1%	Level 3 69.5%	Level 5 99.5%	5.60points	5.60points	Level 2 Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				41.4	43.5 (Note)
77.86points					4.00Points					
Level 5 89.6%	Level 4 79.4%	Level 5 100.0%	7.65points	7.65points	Front <input type="checkbox"/> rear passenger seats <input type="checkbox"/>				39.5 (Note)	40.8 (Note)
77.86points					4.00Points					
Level 5 87.7%	※Level 5 92.8%	Level 5 100.0%							43.9	51.5
Level 4 85.5%	※Level 3 73.5%	Level 5 98.7%							48.5	56.6
Level 5 90.5%	Tested outside for folding seat.	Level 5 100.0%	7.55points	7.55points	Front <input type="checkbox"/> rear passenger seats <input checked="" type="checkbox"/>	Tested outside for folding seat.			50.0	59.6
Level 1 39.7%	※Level 5 98.5%	Level 5 100.0%							51.5 (Note)	68.0 (Note)

Vehicle Model Under Test

TOYOTA CROWN ATHLETE / CROWN Royal

Test Vehicle

CROWN Hybrid Athlete S

Sold from December 2012

Toyota Motor Corporation

Model: DAA-AWS210

Engine Displacement: 2,493cc Vehicle Weight: 1,660kg

Length×Width×Height: 4,895×1,800×1,450mm

Sedan, E-CVT, FR, Seating Capacity: 5

Tires: 215/55R17 94V, MICHELIN PRIMACY LC



New Overall Evaluation of Safety Performance

★★★★★

189.7 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,860	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Provided ● Side curtain air bag: Provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ● Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided
Offset : 1,860	
Side : 1,754	

Pedestrian Protection Performance Evaluation **92.74 points / 100 points**

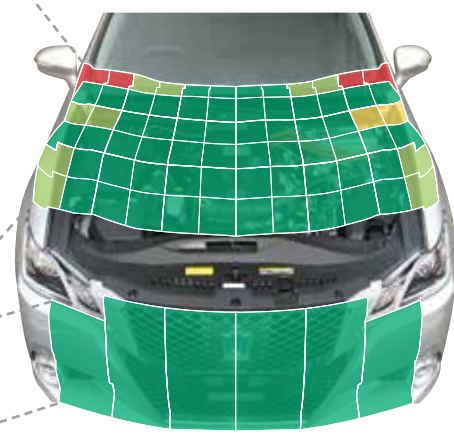
Pedestrian Head Protection Performance Evaluation Test : 3.67 points

Bonnet shape Type 1

Head protection performance evaluation

Level **5**

WAD2100	Adult average score	0.00	0.00	3.52	3.52	4.00	4.00	4.00	4.00	3.52	3.52	0.12	0.00
WAD1900	3.26	2.02	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.76	4.00	2.03	4.00
WAD1700	Mixture average score	3.30	3.30	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.75	2.75
WAD1525	3.84	3.65	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.38	4.00
WAD1350	Child average score	3.64	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.82	3.64
WAD1175	3.94	3.82	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.82	3.64
WAD1000													



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation **6.00 points / 8 points**

Level **4**

Equipment Condition	Details														
	Front passenger's seat		Front passenger's seat							Rear passenger's seat					
			Auditory alarm			Visual alarm				Auditory alarm			Visual alarm		
Front passenger's seat	Rear passenger's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	○	○	B	40	○	A	A	10	-	-	-	○	G	B	25

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation **91.00 points / 100 points**

● **Full frontal collision test**

Passenger protection performance		Head				Neck		Chest		Legs			Body deformation		Door operability	Rescuability
		Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]				
									Right leg Upper TI	Left leg Upper TI	Rear displacement Upper displacement	Rear displacement Upper displacement				
Driver's seat	Level 4 10.45 (87.2%)	581.8	0.50	2.40	6.75	447.53	32.90	2.49 2.77	0.45 0.41	0.34 0.38	0 0	2 0	Fuel leakage after collision			
Front passenger seat	Level 4 9.33 (77.8%)	225.7	0.56	1.03	24.58	493.78	24.52	3.00 4.34	0.66 0.44	0.69 0.24						

● **Offset frontal collision**

Passenger protection performance		Secondary collision	Head				Neck		Chest		Riding up of tap belt from pelvis	Legs			Body deformation		Door operability	Rescuability
			Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]	Femur load [k N]	Right leg		Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]				
										Right leg Upper TI		Left leg Upper TI	Rear displacement Upper displacement	Rear displacement Upper displacement				
Driver's seat	Level 5 10.57 (88.2%)		287.2	0.64	1.61	20.90	412.4	32.75	2.09 2.14	0.32 0.28	0.30 0.30	0 0	68 0	Fuel leakage after collision				
Rear passenger seat	Level 5 11.60 (96.7%)	None			1.31		26.08	None	0.15 0.13									

● **Side collision test**

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door operability (Front passenger side) Fuel leakage after collision	Rescuability
Driver's seat	Level 5 12.00 (100.0%)	26.0	19.64	0.78	2.18		



Side collision test

● **Neck injury protection for rear-end collision performance test**

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck			
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]
Driver's seat	Level 5 10.81 (90.2%)	12.3	0.0	365.2	13.4	7.1	198.7	55.5	1.6	1.5
Front passenger seat	Level 5	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● **Rear passenger's seat belt usability evaluation**

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		136	b	f & g	2.7	0.7	3 point style	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

a. The buckles do not need to be used separately.
b. Buckles can be identified by the direction or layout.
c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
d. The above conditions are not applicable; however, the buckles do not cross over each other.
e. None of the above conditions are applicable.

● **Brake performance test**

Dry road surface		40.8m
Wet road surface		40.7m

※3 Interpretation of buckle insertability

f. The tongue can be inserted into the buckle with one hand.
g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
i. Can be inserted easily (buckle can be held upward).
j. There is a holding function.

Vehicle Model Under Test

HONDA ACCORD HYBRID

Test Vehicle

ACCORD HYBRID LX

Sold from June 2013

HONDA MOTOR Co.,LTd.

Model: DAA-CR6

Engine Displacement: 1,993cc Vehicle Weight: 1,620kg

Length×Width×Height: 4,915×1,850×1,465mm

Sedan, CVT, FF, Seating Capacity: 5

Tires: 225/50R17 94V, DUNLOP ENASAVE 050



New Overall Evaluation of Safety Performance

★★★★★

178.9 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,806	<ul style="list-style-type: none"> ●ABS: Provided ●Stability Control System: Provided ●Damage Mitigation Brake System: Not provided ●Air bag: Driver's seat: Provided/Front passenger's seat: Provided ●Side air bag: Provided ●Side curtain air bag: Provided ●Seat type: Driver's seat: Passive/Front passenger's seat: Passive ●Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Provided ●Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ●Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ●Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided ●Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided
Offset : 1,806	
Side : 1,703	

Pedestrian Protection Performance Evaluation **79.46 points / 100 points**

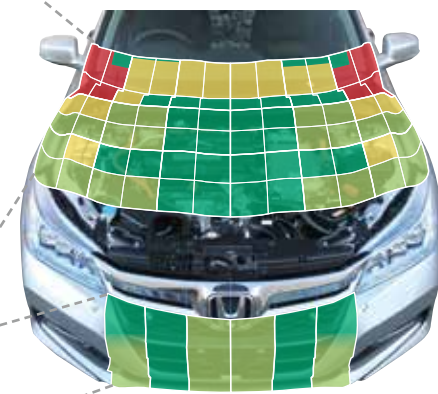
Pedestrian Head Protection Performance Evaluation Test : 3.09 points

Bonnet shape Type 1

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	0.00	1.52	2.51	2.51	2.40	2.40	2.40	2.40	2.78	2.78	1.56	0.00
WAD1900	2.24	0.00	0.00	2.40	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00	0.00
WAD1700	Mixture average score	2.29	2.29	3.05	3.96	4.00	4.00	4.00	4.00	3.95	3.05	2.37	2.37
WAD1525	3.39	2.65	3.00	3.00	3.05	3.96	4.00	4.00	4.00	3.95	3.05	3.00	3.00
WAD1350	Child average score	3.25	2.94	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.94	3.25
WAD1175	3.36	3.17	3.25	3.25	3.69	3.69	4.00	4.00	4.00	3.53	3.53	3.25	3.25
WAD1000													



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	3.21	3.21	4.00	4.00
Tibia	3.57	4.00	3.12	3.12	4.00	3.57

Pedestrian Leg Protection Performance Evaluation Test : 3.60 points

Seatbelt Reminder Evaluation **5.00 points / 8 points**

Level **3**

Equipment Condition	Details														
	Front passenger's seat		Front passenger's seat						Rear passenger's seat						
			Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
Front passenger's seat	Rear passenger's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	○	○	B	40	○	A	A	10	-	-	-	○	A	A	12.5

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 94.48 points / 100 points

● Full frontal collision test

Passenger protection performance		Head	Neck			Chest		Legs			Body deformation		Door operability	Rescuability
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]		
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision	
Driver's seat	Level 5	10.92 (91.1%)	201.0	0.49	0.95	14.85	424.75	25.92	0.63 0.36	0.48 0.31	0.25	0 0	42 22	
	Level 5	10.89 (90.8%)	206.5	0.54	1.11	35.34	409.82	28.09	0.29 0.48	0.33 0.26	0.25			

● Offset frontal collision

Passenger protection performance		Secondary collision	Head	Neck			Chest		Riding up of tap belt from pelvis	Legs			Body deformation		Door operability	Rescuability
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement		Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]		
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision	
Driver's seat	Level 5	11.69 (97.5%)	164.7	0.42	1.06	12.69	367.75	23.85	0.16 0.27	0.35 0.38	0.42 0.17	0 10	103 37			
	Level 4	10.25 (85.5%)	None		2.26			32.79	None	0.14 0.09						

● Side collision test

Passenger protection performance		Head injury value	Chest displacement	Abdomen load	Pubis load	Door operability (Front passenger side)	Rescuability
		[HPC]	[mm]	[k N]	[k N]	Fuel leakage after collision	
Driver's seat	Level 5	12.00 (100.0%)	52.6	12.15	0.75	1.41	



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck				
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	
Driver's seat	Level 5	11.80 (98.3%)	9.1	0.0	236.4	10.2	7.1	109.7	15.9	4.1	1.4
Front passenger seat	Level 5	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		174	b	f & g	5.9	1.4	3 point style	When three persons take a backseat after the buckle for rear center seats had been outside suitable, there is a possibility that the buckle concerned may disappear.

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

- a. The buckles do not need to be used separately.
- b. Buckles can be identified by the direction or layout.
- c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
- d. The above conditions are not applicable; however, the buckles do not cross over each other.
- e. None of the above conditions are applicable.

● Brake performance test

Dry road surface		42.2m (Note)
Wet road surface		43.0m (Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※3 Interpretation of buckle insertability

- f. The tongue can be inserted into the buckle with one hand.
- g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
- h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
- i. Can be inserted easily (buckle can be held upward).
- j. There is a holding function.

Vehicle Model Under Test

HONDA FIT

Test Vehicle

FIT HYBRID • L Package

Sold from September 2013

HONDA MOTOR Co.,LTd.

Model: DAA-GP5

Engine Displacement: 1,496cc Vehicle Weight: 1,130kg

Length×Width×Height: 3,955×1,695×1,525mm

5-door hatchback, 7AT, FF, Seating Capacity: 5

Tires: 185/60R15 84H, YOKOHAMA BluEarth E50



New Overall Evaluation of Safety Performance

★★★★★

178.0 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,328	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Provided ● Side curtain air bag: Provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ● Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided ● Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided
Offset : 1.331	
Side : 1,216	

Pedestrian Protection Performance Evaluation **81.41 points / 100 points**

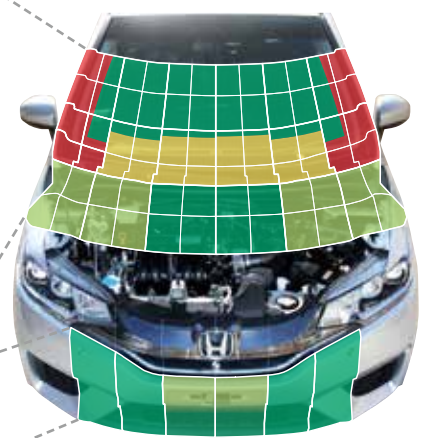
Pedestrian Head Protection Performance Evaluation Test : 3.08 points

Bonnet shape Type 1

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	0.00	2.64	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.64	0.00
WAD1900	3.14	0.00	3.08	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.08	0.00
WAD1700	Mixture average score	0.00	2.48	3.27	3.27	3.16	3.16	3.12	3.12	3.28	3.28	2.36	0.00
WAD1525	2.25	0.00	0.62	3.11	2.95	3.06	2.95	3.04	2.95	3.11	2.95	0.59	0.00
WAD1350	Child average score	3.70	3.70	3.89	3.89	4.00	4.00	4.00	4.00	3.89	3.89	3.68	3.70
WAD1175	3.86	3.70	3.70	3.89	3.89	4.00	4.00	4.00	4.00	3.89	3.89	3.70	3.70
WAD1000													



Leg protection performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	3.57	3.57	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 3.96 points

Seatbelt Reminder Evaluation **4.00 points / 8 points**

Level **2**

Equipment Condition	Details														
			Front passenger's seat						Rear passenger's seat						
	Front passenger's seat	Rear passenger's seat	Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
		Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 92.59 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck		Chest		Legs			Body deformation		Door openability	Rescuability	
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]			
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg Upper TI Lower TI	Upper TI Lower TI	Upper TI Lower TI	Rear displacement Upper displacement	Rear displacement Upper displacement			
Driver's seat	Level 5	10.59 (88.3%)	322.3	0.65	1.24	35.11	418.93	26.77	1.82 1.79	0.70 0.29	0.54 0.29	0 0	6 7		
	Level 4	9.88 (82.4%)	532.0	0.65	1.58	17.91	494.75	31.11	0.78 0.68	0.36 0.21	0.41 0.21				
Front passenger seat	Level 4	9.88 (82.4%)	532.0	0.65	1.58	17.91	494.75	31.11	0.78 0.68	0.36 0.21	0.41 0.21				

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck		Chest		Riding up of tap belt from pelvis	Legs			Body deformation		Door openability	Rescuability
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement		Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]		
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg Upper TI Lower TI	Upper TI Lower TI	Upper TI Lower TI	Rear displacement Upper displacement	Rear displacement Upper displacement		
Driver's seat	Level 5	10.67 (88.9%)	280.2	0.41	1.10	10.52	398.59	24.04		1.90 0.23	0.83 0.41	0.61 0.44	0 0	12 8		
	Level 5	10.94 (91.2%)	None					28.29	None	0.16 0.03						
Front passenger seat	Level 5	10.94 (91.2%)	None					28.29	None	0.16 0.03						

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door openability (Front passenger side) Fuel leakage after collision	Rescuability	
								Level 1
Driver's seat	Level 5	12.00 (100.0%)	83.7	19.86	0.90	2.62		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck				
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	
Driver's seat	Level 5	11.97 (99.8%)	7.6	0.0	249.6	12.1	10.1	113.6	82.0	2.4	0.3
Front passenger seat	Level 5	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		170	b	f & g	7.2	2.3	3 point style	When three persons sit in the rear seats, there is a possibility that the buckle for the rear center seat is not visible.

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

- a. The buckles do not need to be used separately.
- b. Buckles can be identified by the direction or layout.
- c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
- d. The above conditions are not applicable; however, the buckles do not cross over each other.
- e. None of the above conditions are applicable.

● Brake performance test

Dry road surface		41.2m (Note)
Wet road surface		41.4m (Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※3 Interpretation of buckle insertability

- f. The tongue can be inserted into the buckle with one hand.
- g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
- h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
- i. Can be inserted easily (buckle can be held upward).
- j. There is a holding function.

Vehicle Model Under Test

MITSUBISHI OUTLANDER PHEV

Test Vehicle

OUTLANDER PHEV G Navi Package

Sold from January 2013

Mitsubishi Motors Corporation

Model: DLA-GG2W

Engine Displacement: 1,998cc Vehicle Weight: 1,810kg

Length×Width×Height: 4,655×1,800×1,680mm

SUV, 4WD, Seating Capacity: 5

Tires: 225/55R18 98H, TOYO A24



New Overall Evaluation of Safety Performance

★★★★★

184.6 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 2,010	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Provided ● Side curtain air bag: Provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ● Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided
Offset : 2,021	
Side : 1,898	

Pedestrian Protection Performance Evaluation **85.61 points / 100 points**

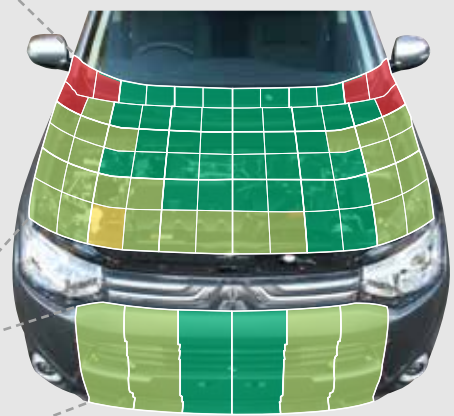
Pedestrian Head Protection Performance Evaluation Test : 3.47 points

Bonnet shape Type2

Head protection performance evaluation

Level **5**

WAD	Adult average score	0.00	0.16	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.16	0.00
WAD1900	3.01	0.00	3.93	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00
WAD1700	Mixture average score	3.08	3.08	3.85	4.00	4.00	4.00	4.00	4.00	4.00	3.85	3.08	3.08	
WAD1525	3.73	3.23	3.96	4.00	4.00	4.00	4.00	4.00	4.00	3.96	4.00	3.23	3.08	
WAD1350	Child average score	3.46	3.46	3.42	3.42	4.00	4.00	4.00	4.00	4.00	4.00	3.46	3.46	
WAD1175	3.67	3.67	3.67	2.74	3.42	3.65	3.65	3.65	3.65	4.00	4.00	3.67	3.67	
WAD1000														



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	1.50	3.14	4.00	4.00	3.14	1.50
Tibia	3.16	3.85	4.00	4.00	3.85	3.16

Pedestrian Leg Protection Performance Evaluation Test : 3.45 points

Seatbelt Reminder Evaluation **5.90 points / 8 points**

Level **3**

Equipment Condition	Details														
	Front passenger's seat	Rear passenger's seat	Front passenger's seat						Rear passenger's seat						
			Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score		
○	○	○	B	40	○	C	B	10	-	-	-	○	C	B	23.75

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 93.17 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck			Chest		Legs			Body deformation		Door operability		Rescuability
		Injury load		Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision		
		[HIC]		[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision		
		[k N]		[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Left leg	Lower TI	Lower TI	Upper displacement	Upper displacement	Fuel leakage after collision		
Driver's seat	Level 5	11.28 (94.1%)	256.9	0.69	1.23	19.70	381.20	24.56	1.50 1.58	0.43 0.29	0.58 0.29	0 0	22 21			
	Level 5	11.30 (94.2%)	232.6	0.45	0.84	8.39	393.89	25.96	1.40 0.87	0.48 0.24	0.47 0.29					
Front passenger seat	Level 5	11.30 (94.2%)	232.6	0.45	0.84	8.39	393.89	25.96	1.40 0.87	0.48 0.24	0.47 0.29					

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck			Chest		Legs			Body deformation		Door operability		Rescuability	
			Injury load		Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Riding up of lap belt from pelvis	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision		
			[HIC]		[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Riding up of lap belt from pelvis	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision		
			[k N]		[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Riding up of lap belt from pelvis	Left leg	Lower TI	Lower TI	Upper displacement	Upper displacement	Fuel leakage after collision		
Driver's seat	Level 5	11.27 (93.9%)	None	168.7	0.49	0.95	8.86	351.01	25.19	None	0.98 0.96	0.55 0.37	0.30 0.29	0 0	83 2			
	Level 5	10.57 (88.1%)		1.84														
Front passenger seat	Level 5	10.57 (88.1%)	None															

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door operability (Front passenger side) Fuel leakage after collision	Rescuability	
								Level 1
Driver's seat	Level 5	12.00 (100.0%)	67.1	3.49	0.62	2.45		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck				
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	
			Level 1	2	3	4	5	Level 1	2	3	4
Driver's seat	Level 4	10.08 (84.1%)	13.9	0.0	543.7	14.9	5.0	243.5	233.1	1.9	5.0
Front passenger seat	Level 4	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)		Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side	Design standard position	Forwardmost seat position			50mm position	25mm position	Center seat	Remarks
2nd row			218	290	b	f & g	5.9 8.1	1.4 1.6	3 point style If the buckle storage position of the 2nd row is under a sheet bearing surface, and it rides where a buckle is stored, a buckle cannot be pulled out sat down and a seat belt cannot be used. In order to use a seat belt, you have to move and take out a sheet bearing surface.
3rd row			163		b	f & g	4.6	0.9	

● Brake performance test

Dry road surface		41.1m	(Note)
Wet road surface		43.0m	(Note)

Note: Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

- ↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.
- ※1 Interpretation of the radar chart
 The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.
- ※2 Interpretation of buckle identification
 a. The buckles do not need to be used separately.
 b. Buckles can be identified by the direction or layout.
 c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
 d. The above conditions are not applicable; however, the buckles do not cross over each other.
 e. None of the above conditions are applicable.
- ※3 Interpretation of buckle insertability
 f. The tongue can be inserted into the buckle with one hand.
 g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
 h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
 i. Can be inserted easily (buckle can be held upward).
 j. There is a holding function.

Vehicle Model Under Test

SUZUKI SPACIA / MAZDA FLAIR WAGON (First period)

Test Vehicle

SPACIA X

Sold from March 2013

Suzuki Motor Corporation

Model: DBA-MK32S

Engine Displacement: 658cc Vehicle Weight: 850kg

Length×Width×Height: 3,395×1,475×1,735mm

5-door hatchback, CVT, FF, Seating Capacity: 4

Tires: 155/65R14 75S, BRIDGESTONE ECOPIA EP150



New Overall Evaluation of Safety Performance

★★★★☆

149.6 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,058	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Not provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Not provided ● Side curtain air bag: Not provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Not provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Second row: Driver side: Not provided/Front passenger side: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ● Second row: Driver side: Not provided/Front passenger side: Not provided
Offset : 1,052	
Side : 937	

Pedestrian Protection Performance Evaluation **80.27 points / 100 points**

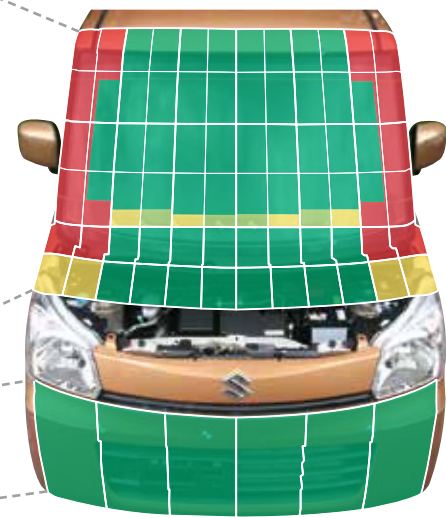
Pedestrian Head Protection Performance Evaluation Test : 3.01 points

Bonnet shape Type2

Head protection performance evaluation

Level **4**

WAD	Adult average score	WAD1900	WAD1700	Mixture average score	WAD1525	WAD1350	WAD1175	WAD1000
2100	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00
1900	0.75	4.00	4.00	4.00	4.00	4.00	4.00	0.75
1700	2.92	0.00	3.00	4.00	4.00	4.00	4.00	3.00
1525	0.00	3.68	4.00	4.00	4.00	4.00	4.00	3.68
1350	1.40	3.88	3.88	3.86	3.87	1.41	0.00	0.00
1175	3.05	0.00	1.92	3.66	3.86	3.71	3.79	3.75
1000	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00
	0.00	1.23	4.00	4.00	4.00	4.00	4.00	1.23
	3.08	2.46	2.46	4.00	4.00	4.00	4.00	2.46



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation **0.00 points / 8 points**

Level **—**

Equipment Condition	Details														
			Front passenger's seat						Rear passenger's seat						
	Front passenger's seat	Rear passenger's seat	Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
		Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 69.40 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck		Chest		Legs			Body deformation		Door operability	Rescuability	
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]			
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement			
Driver's seat	Level 3	7.89 (65.8%)	602.4	0.61	2.11	27.82	547.48	37.80	Femur load	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision	
	Right leg								Upper TI	Upper TI	Rear displacement	Rear displacement			
	Left leg								Lower TI	Lower TI	Upper displacement	Upper displacement			
Front passenger seat	Level 4	9.09 (75.8%)	539.4	0.79	1.32	24.02	441.07	35.93	0.95 0.29	0.55 0.47	0.94 0.69	7 25	29 65		
	Right leg								Upper TI	Upper TI	Rear displacement	Rear displacement			
	Left leg								Lower TI	Lower TI	Upper displacement	Upper displacement			

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck		Chest		Legs			Body deformation		Door operability	Rescuability	
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Riding up of tap belt from pelvis	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]			Brake pedal deformation [mm]
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement		
Driver's seat	Level 4	9.16 (76.4%)	480.4	0.39	2.00	21.79	458.48	38.68		1.42 0.34	0.36 0.71	0.25 0.28	51 0	60 21		
	Right leg								Upper TI	Upper TI	Rear displacement	Rear displacement				
	Left leg								Lower TI	Lower TI	Upper displacement	Upper displacement				
Rear passenger seat	Level 1	5.53 (46.1%)	None		2.57			42.58	Both sides	0.19 0.10						
	Right leg								Upper TI	Upper TI	Rear displacement	Rear displacement				
	Left leg								Lower TI	Lower TI	Upper displacement	Upper displacement				

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door operability (Front passenger side) Fuel leakage after collision	Rescuability
Driver's seat	Level 5	11.42 (95.2%)	160.7	24.91	0.89		
	Level 5						



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck				
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	
			Level 1	2	3	4	5				
Driver's seat	Level 5	11.20 (93.3%)	12.4	5.1	238.1	6.1	10.9	132.9	78.5	2.3	2.2
	Level 5										
Front passenger seat	Level 4	10.05 (83.8%)	18.7	12.1	430.4	6.9	8.3	273.9	195.0	2.3	6.4
	Level 4										



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		219 / 338	b	f & g	5.0 / 7.7	1.4 / 2.2	-	

† or ‡ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

a. The buckles do not need to be used separately.
b. Buckles can be identified by the direction or layout.
c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
d. The above conditions are not applicable; however, the buckles do not cross over each other.
e. None of the above conditions are applicable.

● Brake performance test

Dry road surface		45.1m
Wet road surface		45.0m

※3 Interpretation of buckle insertability

f. The tongue can be inserted into the buckle with one hand.
g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
i. Can be inserted easily (buckle can be held upward).
j. There is a holding function.

Vehicle Model Under Test

SUZUKI SPACIA / MAZDA FLAIR WAGON (Second period)

Test Vehicle

SPACIA X

Sold from March 2013

Suzuki Motor Corporation

Model: DBA-MK32S

Engine Displacement: 658cc Vehicle Weight: 850kg

Length×Width×Height: 3,395×1,475×1,735mm

5-door hatchback, CVT, FF, Seating Capacity: 4

Tires: 155/65R14 75S, BRIDGESTONE ECOPIA EP150



New Overall Evaluation of Safety Performance

★★★★☆

152.2 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,058	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Not provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Not provided ● Side curtain air bag: Not provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Not provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ● Second row: Driver side: Not provided/Front passenger side: Not provided ● Second row: Driver side: Not provided/Front passenger side: Not provided
Offset : 1,052	
Side : 937	

Pedestrian Protection Performance Evaluation

80.27 points / 100 points

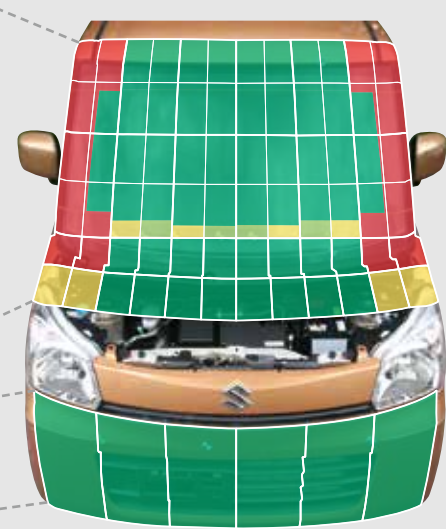
Pedestrian Head Protection Performance Evaluation Test : 3.01 points

Bonnet shape Type2

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00	0.00	
WAD1900		0.75		4.00		4.00		4.00		4.00		0.75		
WAD1700	Mixture average score	2.92	0.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	0.00	
WAD1525		1.40	0.00	3.68	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.68	0.00	
WAD1350	Child average score	3.05	0.00	1.92	3.66	3.86	3.71	3.79	3.75	3.70	3.85	3.64	1.96	0.00
WAD1175		1.23	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00	0.00	
WAD1000		3.08	2.46	2.46	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.46	2.46	



Leg protection performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation

0.00 points / 8 points

Level **—**

Equipment Condition	Details													
	Front passenger's seat	Rear passenger's seat	Front passenger's seat						Rear passenger's seat					
			Auditory alarm			Visual alarm			Auditory alarm			Visual alarm		
Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, and "Z" refers to other areas.
 ●For this model, only the offset frontal collision test was conducted, and the test results for the same model from the same year were referred to for other portions.
 Please note that vehicles with a chassis number of MK32S-164335 or later (Suzuki Spacia) and MM32S-502071 or later (Mazda Flair Wagon) were inspected.

Passenger Protection Performance Evaluation 72.02 points / 100 points

● Full frontal collision test

Passenger protection performance		Head				Neck			Chest		Legs			Body deformation		Door operability Fuel leakage after collision	Rescuability
		Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]					
									Upper TI	Upper TI			Rear displacement	Rear displacement			
Driver's seat	Level 3	7.89 (65.8%)	602.4	0.61	2.11	27.82	547.48	37.80	0.95 0.29	0.55 0.47	0.94 0.69	7 25	29 65				
Front passenger seat	Level 4	9.09 (75.8%)	539.4	0.79	1.32	24.02	441.07	35.93	0.09 0.14	0.92 0.66	0.63 0.39	/	/				

● Offset frontal collision

Passenger protection performance		Secondary collision	Head				Neck			Chest		Riding up of lap belt from pelvis	Legs			Body deformation		Door operability Fuel leakage after collision	Rescuability
			Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]	Femur load [k N]	Right leg	Left leg		Steering column deformation [mm]	Brake pedal deformation [mm]					
										Upper TI	Upper TI				Rear displacement	Rear displacement			
Driver's seat	Level 4	10.20 (85.0%)	654.1	0.53	1.98	28.03	458.41	32.60	0.91 0.36	0.44 0.54	0.45 0.20	30 17	0 0						
Rear passenger seat	Level 2	6.59 (55.0%)	None	/	2.97	/	/	46.45	Right side	0.16 0.05	/	/	/						

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door operability (Front passenger side) Fuel leakage after collision	Rescuability
Driver's seat	Level 5	11.42 (95.2%)	160.7	24.91	0.89		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck			
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]
Driver's seat	Level 5	11.20 (93.3%)	5.1	238.1	6.1	10.9	132.9	78.5	2.3	2.2
Front passenger seat	Level 4	10.05 (83.8%)	12.1	430.4	6.9	8.3	273.9	195.0	2.3	6.4



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		219 / 338	b	f & g	5.0 / 7.7	1.4 / 2.2	-	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

a. The buckles do not need to be used separately.
 b. Buckles can be identified by the direction or layout.
 c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
 d. The above conditions are not applicable; however, the buckles do not cross over each other.
 e. None of the above conditions are applicable.

● Brake performance test

Dry road surface		45.1m
Wet road surface		45.0m

※3 Interpretation of buckle insertability

f. The tongue can be inserted into the buckle with one hand.
 g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
 h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
 i. Can be inserted easily (buckle can be held upward).
 j. There is a holding function.

Vehicle Model Under Test

DAIHATSU TANTO CUSTOM / TANTO

Test Vehicle

TANTO CUSTOM X "SA"

Sold from October 2013

Daihatsu Motor Co. Ltd

Model: DBA-LA600S

Engine Displacement: 658cc Vehicle Weight: 940kg

Length×Width×Height: 3,395×1,475×1,750mm

5-door hatchback, CVT, FF, Seating Capacity: 4

Tires: 155/65R14 75S, DUNLOP ENASAVE EC300



New Overall Evaluation of Safety Performance

★★★★☆

160.5 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,146	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Provided ● Side curtain air bag: Not provided ● Seat type: Driver's seat: Normal/Front passenger's seat: Normal ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided Second row: Driver side: Not provided/Front passenger side: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided Second row: Driver side: Not provided/Front passenger side: Not provided
Offset : 1,148	
Side : 1,034	

Pedestrian Protection Performance Evaluation **81.58 points / 100 points**

Pedestrian Head Protection Performance Evaluation Test : 3.08 points

Bonnet shape Type2

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	0.00	0.00	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	0.00	0.00
WAD1900	2.85	0.85	3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86	0.85	0.00
WAD1700	Mixture average score	0.00	3.96	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.96	0.00
WAD1525	2.93	1.23	3.76	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	1.22	0.00
WAD1350	Child average score	0.00	3.63	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.63	0.00
WAD1175	3.47	2.72	3.94	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	2.72	0.00
WAD1000		3.63	3.63	3.89	3.89	3.49	3.49	3.49	3.49	3.89	3.89	3.63	3.63	3.63	3.63



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation **4.00 points / 8 points**

Level **2**

Equipment Condition	Details														
			Front passenger's seat						Rear passenger's seat						
	Front passenger's seat	Rear passenger's seat	Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
		Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	-	○	B	40	○	H	B	10	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 74.97 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck		Chest		Legs			Body deformation		Door openability	Rescuability
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [kN]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]		
		[HIC]	[kN]	[kN]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision	
Driver's seat	Level 4	9.23 (76.9%)	447.6	0.55	1.73	11.05	461.85	38.14	0.38	0.67	4	68		
	2.07								0.71	0.50	44	20		
Front passenger seat	Level 4	9.55 (79.6%)	412.8	0.30	0.96	54.82	428.46	22.96	2.02	0.74	/	/		
	2.40								0.33	0.27	/	/		

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck		Chest		Legs			Body deformation		Door openability	Rescuability
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Riding up of lap belt from pelvis	Femur load [kN]	Right leg	Left leg	Steering column deformation [mm]		
			[HIC]	[kN]	[kN]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision
Driver's seat	Level 4	10.27 (85.6%)	426.1	0.48	1.87	12.28	429.53	32.57	0.50	0.39	0.54	0	71		
	0.46								0.19	0.56	38	0			
Front passenger seat	Level 3	8.00 (66.7%)	None	None	3.19	None	None	50.82	0.86	/	/	/	/		
	0.92								/	/	/	/			

※ There is a possibility that the chest obstacle value (chest displacement magnitude estimates) might become large by having moved near the brachial region from the shoulder under the influence of a collision of the seat belt of a backseat dummy.

● Side collision test

Passenger protection performance		Head injury value	Chest displacement	Abdomen load	Pubis load	Door openability (Front passenger side)	Rescuability
		[HPC]	[mm]	[kN]	[kN]	Fuel leakage after collision	
Driver's seat	Level 5	11.93 (99.4%)	226.8	0.74	2.78		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC	Upper neck				Lower neck				
			Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)	Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)	
Driver's seat	Level 2	6.85 (57.2%)	19.6	0.0	723.2	14.9	2.3	354.9	395.8	5.8	5.7
Front passenger seat	Level 5	10.85 (90.5%)	14.3	2.4	246.1	7.6	10.8	188.7	129.1	1.4	5.3



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side	Design standard position	Forwardmost seat position	50mm position	25mm position	Center seat	Remarks	
		2nd row	↓	↓	↓	↓	-	
		2nd row (Front passenger side)	196	b	f & g	4.5 / 7.7	1.3 / 2.0	

† or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

a. The buckles do not need to be used separately.
 b. Buckles can be identified by the direction or layout.
 c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
 d. The above conditions are not applicable; however, the buckles do not cross over each other.
 e. None of the above conditions are applicable.

● Brake performance test

Dry road surface	41.0m (Note)
Wet road surface	41.9m (Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※3 Interpretation of buckle insertability

f. The tongue can be inserted into the buckle with one hand.
 g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
 h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
 i. Can be inserted easily (buckle can be held upward).
 j. There is a holding function.

Vehicle Model Under Test
NISSAN DAYZ Highway STAR/DAYZ
MITSUBISHI eK custom/eK wagon

Test Vehicle

DAYZ Highway STAR X

Sold from June 2013

Nissan Motor Co., Ltd.

Model: DBA-B21W

Engine Displacement: 659cc Vehicle Weight: 830kg

Length×Width×Height: 3,395×1,475×1,620mm

Stationwagon, CVT, FF, Seating Capacity: 4

Tires: 155/65R14 75S, BRIDGESTONE ECOPIA EP150



New Overall Evaluation of Safety Performance

★★★★☆

161.8 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,052	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Not provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Not provided ● Side curtain air bag: Not provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Second row: Driver side: Not provided/Front passenger side: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ● Second row: Driver side: Not provided/Front passenger side: Not provided
Offset : 1,050	
Side : 935	

Pedestrian Protection Performance Evaluation

80.01 points / 100 points

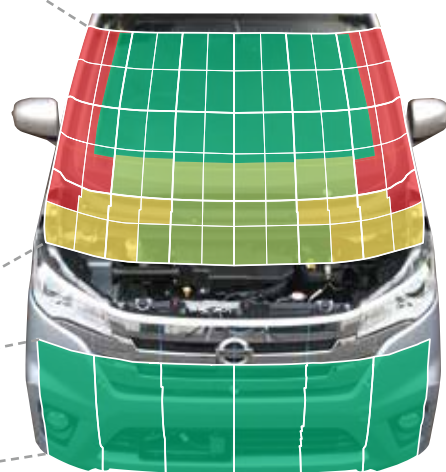
Pedestrian Head Protection Performance Evaluation Test : 3.00 points

Bonnet shape Type2

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	2.48	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.40	0.00
WAD1900	3.10	1.31	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	1.29	0.00
WAD1700		0.00	2.76	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.76	0.00
WAD1525	Mixture average score	0.89	2.88	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.88	0.00
WAD1350	2.95	0.00	0.68	3.94	3.94	3.95	3.95	3.95	3.95	3.94	3.94	0.68	0.00
WAD1175	Child average score	0.00	2.90	2.66	2.66	3.83	3.83	3.83	3.83	2.66	2.66	2.90	0.00
WAD1000	2.96	2.90	2.90	2.66	3.67	3.83	3.65	3.65	3.83	3.67	2.66	2.90	2.90



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation

4.00 points / 8 points

Level **2**

Equipment Condition	Details														
			Front passenger's seat						Rear passenger's seat						
	Front passenger's seat	Rear passenger's seat	Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
○	-	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 77.84 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck		Chest		Legs			Body deformation		Door operability		Rescuability	
		Injury load		Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [kN]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision		
		[HIC]		[kN]	[kN]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Left leg	Upper TI	Lower TI	Upper displacement	Lower displacement		
Driver's seat	Level 1															
	Level 2															
	Level 3	8.94 (74.5%)		597.0	0.50	2.30	18.23	501.00	25.38	0.42	0.56	0.82	0.82	0	71	
	Level 4															
	Level 5															
Front passenger seat	Level 5	10.91 (90.9%)		366.4	0.70	1.03	21.13	419.78	27.66	1.65	0.29	0.54	0.36			

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck		Chest		Legs			Body deformation		Door operability		Rescuability		
			Injury load		Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Riding up of lap belt from pelvis	Femur load [kN]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]		Fuel leakage after collision	
			[HIC]		[kN]	[kN]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Lower TI	Upper displacement	Lower displacement		Upper displacement	Lower displacement
Driver's seat	Level 1																	
	Level 2																	
	Level 3	10.60 (88.4%)		375.8	0.24	1.78	16.45	423.6	28.89		0.27	0.43	0.31	0	113			
	Level 4																	
	Level 5																	
Front passenger seat	Level 3	8.00 (66.7%)		None		3.02			48.74	None	0.68	0.28						

※ There is a possibility that the chest obstacle value (chest displacement magnitude estimates) might become large by having moved near the brachial region from the shoulder under the influence of a collision of the seat belt of a backseat dummy.

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [kN]	Pubis load [kN]	Door operability (Front passenger side)		Rescuability
						Fuel leakage after collision		
Driver's seat	Level 1							
	Level 2							
	Level 3							
	Level 4							
	Level 5	11.25 (93.8%)		218.3	14.66	1.40	3.32	



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck					
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]		
Driver's seat	Level 1											
	Level 2											
	Level 3	10.88 (90.7%)		11.6	5.9	321.2	13.6	8.1	203.9	112.7	1.6	4.3
	Level 4											
	Level 5											
Front passenger seat	Level 5	↑		↑	↑	↑	↑	↑	↑	↑	↑	



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		238 / 376	b	f & g	8.2 / 10.0	2.2 / 2.5	-	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

a. The buckles do not need to be used separately.
 b. Buckles can be identified by the direction or layout.
 c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
 d. The above conditions are not applicable; however, the buckles do not cross over each other.
 e. None of the above conditions are applicable.

● Brake performance test

Dry road surface ☀️	43.5m
Wet road surface 🌧️	46.3m

※3 Interpretation of buckle insertability

f. The tongue can be inserted into the buckle with one hand.
 g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
 h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
 i. Can be inserted easily (buckle can be held upward).
 j. There is a holding function.

Vehicle Model Under Test

HONDA N-ONE

Test Vehicle

N-ONE G · LPackage

Sold from November 2012

HONDA MOTOR Co.,LTd.

Model: DBA-JG1

Engine Displacement: 658cc Vehicle Weight: 840kg

Length×Width×Height: 3,395×1,475×1,610mm

Stationwagon, CVT, FF, Seating Capacity: 4


Tires: 155/65R14 75S, DUNLOP ENASAVE EC300



New Overall Evaluation of Safety Performance

★★★★☆

161.5 points / 208 points

<p>Test Vehicle Weight (kgs)</p> <p>Full : 1,036</p> <p>Offset : 1,040</p> <p>Side : 920</p> 	<p>Safety Devices Installed on Test Vehicle</p> <ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Not provided ● Side curtain air bag: Provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Not provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided Second row: Driver side: Not provided/Front passenger side: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided Second row: Driver side: Not provided/Front passenger side: Not provided
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Pedestrian Protection Performance Evaluation **77.83 points / 100 points**

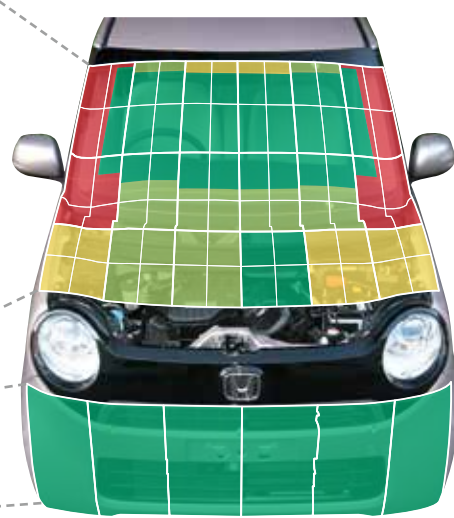
Pedestrian Head Protection Performance Evaluation Test : 2.88 points

Bonnet shape Type2

Head protection performance evaluation

Level **3**

WAD2100	Adult average score	0.00	2.84	3.04	3.04	2.92	2.92	2.96	2.96	3.08	3.08	2.88	0.00
WAD1900	3.18	0.00	3.20	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.28	0.00
WAD1700	Mixture average score	0.00	1.28	3.83	3.83	3.90	3.90	3.90	3.90	3.87	3.87	1.36	0.00
WAD1525	2.60	0.32	0.00	3.71	3.71	3.75	3.75	3.75	3.75	3.73	3.73	0.34	0.00
WAD1350	Child average score	1.74	1.74	3.21	3.21	3.85	3.85	4.00	4.00	2.60	2.60	1.86	1.86
WAD1175	2.88	1.74	1.74	3.21	3.21	3.85	3.85	4.00	4.00	2.60	2.60	1.86	1.86
WAD1000													



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation **4.00 points / 8 points**

Level **2**

Equipment Condition	Details														
	Front passenger's seat		Front passenger's seat						Rear passenger's seat						
			Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
Front passenger's seat	Rear passenger's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 79.71 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck		Chest		Legs			Body deformation		Door openability Fuel leakage after collision	Rescuability	
		Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]			
									Right leg Upper TI	Left leg Upper TI	Rear displacement Upper displacement	Rear displacement Upper displacement			
Driver's seat	Level 2	6.67 (55.6%)	391.7	0.90	2.26	49.46	643.99	45.65	2.02 5.00	0.97 0.76	0.70 0.62	0 26	18 0		
Front passenger seat	Level 4	9.89 (82.5%)	605.3	0.97	1.34	21.79	467.88	36.30	1.77 0.94	0.43 0.43	0.44 0.51				

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck		Chest		Legs			Body deformation		Door openability Fuel leakage after collision	Rescuability	
			Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]	Riding up of lap belt from pelvis	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]			Brake pedal deformation [mm]
											Right leg Upper TI	Left leg Upper TI	Rear displacement Upper displacement	Rear displacement Upper displacement		
Driver's seat	Level 4	9.62 (80.2%)	461.9	0.84	1.79	23.81	505.04	37.87	1.97 0.48	0.45 0.44	0.27 0.13	0 19	42 0			
Front passenger seat	Level 3	8.00 (66.7%)	None		2.95			54.43	None	0.12 0.15						

※ There is a possibility that the chest obstacle value (chest displacement magnitude estimates) might become large by having moved near the brachial region from the shoulder under the influence of a collision of the seat belt of a backseat dummy.

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door openability (Front passenger side) Fuel leakage after collision	Rescuability
Driver's seat	Level 5	11.59 (96.6%)	209.3	16.27	0.70		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck				
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	
Driver's seat	Level 4	10.23 (85.3%)	12.3	1.9	555.4	13.4	0.2	337.1	324.2	2.2	5.8
Front passenger seat	Level 4	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		167	b	f & g	5.6	1.3	-	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

- a. The buckles do not need to be used separately.
- b. Buckles can be identified by the direction or layout.
- c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
- d. The above conditions are not applicable; however, the buckles do not cross over each other.
- e. None of the above conditions are applicable.

● Brake performance test

Dry road surface	40.9m
Wet road surface	42.5m

※3 Interpretation of buckle insertability

- f. The tongue can be inserted into the buckle with one hand.
- g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
- h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
- i. Can be inserted easily (buckle can be held upward).
- j. There is a holding function.

Vehicle Model Under Test

HONDA N-WGN

Test Vehicle

N-WGN G • A Package

Sold from November 2013

HONDA MOTOR Co.,LTd.

Model: DBA-JH1

Engine Displacement: 658cc Vehicle Weight: 820kg

Length×Width×Height: 3,395×1,475×1,655mm

Stationwagon, CVT, FF, Seating Capacity: 4

Tires: 155/65R14 75S, BRIDGESTONE ECOPIA EP150



New Overall Evaluation of Safety Performance

★★★★★

178.8 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,030	<ul style="list-style-type: none"> ●ABS: Provided ●Stability Control System: Provided ●Damage Mitigation Brake System: Provided ●Air bag: Driver's seat: Provided/Front passenger's seat: Provided ●Side air bag: Provided ●Side curtain air bag: Provided ●Seat type: Driver's seat: Passive/Front passenger's seat: Passive ●Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Provided ●Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ●Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided Second row: Driver side: Not provided/Front passenger side: Not provided Second row: Driver side: Provided/Front passenger side: Provided
Offset : 1,032	
Side : 910	

Pedestrian Protection Performance Evaluation

85.50 points / 100 points

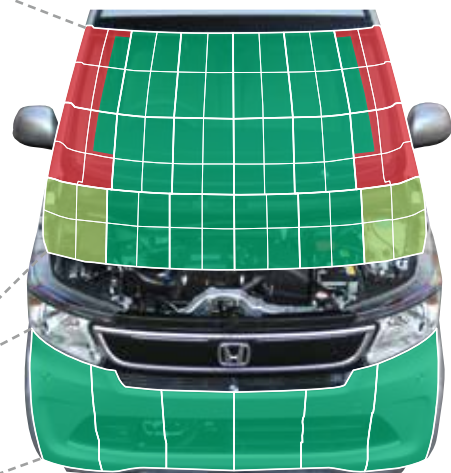
Pedestrian Head Protection Performance Evaluation Test : 3.29 points

Bonnet shape Type2

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	0.00	2.24	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.28	0.00
WAD1900	3.10	0.00	1.29	2.92	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.92	0.00
WAD1700	Mixture average score	0.00	0.67	2.68	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.64	0.00
WAD1525	2.89	0.00	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00	0.00
WAD1350	Child average score	3.61	3.61	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.61	3.61
WAD1175	3.89	3.61	3.89	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.89	3.61	
WAD1000	3.89	3.61	3.89	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.89	3.61	



Leg protection performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation

6.00 points / 8 points

Level **4**

Equipment Condition	Details														
			Front passenger's seat						Rear passenger's seat						
	Front passenger's seat	Rear passenger's seat	Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
		Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	○	○	B	40	○	A	A	10	-	-	-	○	G	B	25

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 87.35 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck		Chest		Legs			Body deformation		Door operability	Rescuability		
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]				
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement				
Driver's seat	Level 4	9.61 (80.2%)	357.7	0.71	1.40	29.86	470.96	28.14	4.81	0.74	0.60	0	18	0	0	0
	3.40								0.62	0.30						
Front passenger seat	Level 4	10.11 (84.3%)	498.5	0.63	1.34	30.63	450.95	34.90	1.33	0.41	0.49	0.36				

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck		Chest		Legs			Body deformation		Door operability	Rescuability	
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Riding up of tap belt from pelvis	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]			Brake pedal deformation [mm]
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement		
Driver's seat	Level 5	10.69 (89.2%)	269.8	0.33	1.35	18.45	390.79	30.50	None	4.60	0.37	0.29	0	13	0	0
	1.87									0.33	0.49					
Front passenger seat	Level 4	9.18 (76.5%)	None		2.49			39.62	None	0.17	0.11					

● Side collision test

Passenger protection performance		Head injury value	Chest displacement	Abdomen load	Pubis load	Door operability (Front passenger side)	Rescuability
		[HPC]	[mm]	[k N]	[k N]	Fuel leakage after collision	
Driver's seat	Level 5	11.67 (97.3%)	181.3	22.98	0.75	3.19	0



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC	Upper neck				Lower neck				
			Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)	Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)	
Driver's seat	Level 5	10.79 (89.9%)	13.7	0.0	462.7	12.6	6.6	276.2	241.0	1.9	4.3
Front passenger seat	Level 5	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		244 / 332	b	f & g	6.3 / 8.4	1.7 / 2.2	-	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

- ※1 Interpretation of the radar chart
 The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.
- ※2 Interpretation of buckle identification
 a. The buckles do not need to be used separately.
 b. Buckles can be identified by the direction or layout.
 c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
 d. The above conditions are not applicable; however, the buckles do not cross over each other.
 e. None of the above conditions are applicable.

● Brake performance test

Dry road surface		40.3m	(Note)
Wet road surface		40.6m	(Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

- ※3 Interpretation of buckle insertability
 f. The tongue can be inserted into the buckle with one hand.
 g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
 h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
 i. Can be inserted easily (buckle can be held upward).
 j. There is a holding function.

Vehicle Model Under Test

NISSAN SYLPHY

Test Vehicle

SYLPHY X

Sold from December 2012

Nissan Motor Co., Ltd.

Model: DBA-TB17

Engine Displacement: 1,798cc Vehicle Weight: 1,230kg

Length×Width×Height: 4,615×1,760×1,495mm

Sedan, CVT, FF, Seating Capacity: 5

Tires: 195/65R15 91S, DUNLOP ENASAVE EC300



New Overall Evaluation of Safety Performance

★★★★★

162.9 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,429	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Not provided ● Side curtain air bag: Not provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Not provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided
Offset : 1,438	
Side : 1,322	

Pedestrian Protection Performance Evaluation **85.27 points / 100 points**

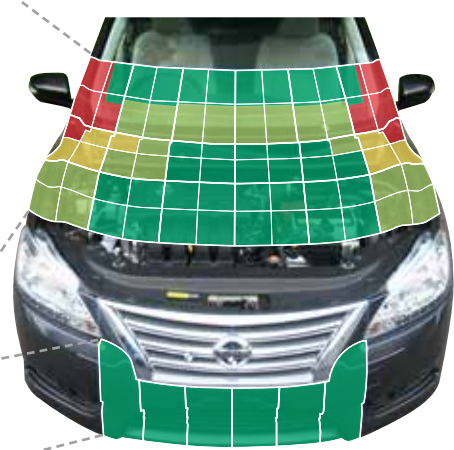
Pedestrian Head Protection Performance Evaluation Test : 3.28 points

Bonnet shape Type 1

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	3.44	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.44	0.00
WAD1900	2.72	1.07	0.84	3.14	3.14	3.10	3.10	3.09	3.09	3.12	3.12	0.68	1.03	0.00
WAD1700	Mixture average score	0.00	2.57	2.68	3.73	4.00	4.00	4.00	4.00	4.00	3.70	2.57	0.00	0.00
WAD1525	3.21	1.93	2.57	3.47	4.00	4.00	4.00	4.00	4.00	3.92	4.00	2.57	1.93	0.00
WAD1350	Child average score	3.93	3.93	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.93	3.93	3.93
WAD1175	3.92	3.75	3.19	3.93	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.75	3.75	3.19
WAD1000														



Leg protection performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation **0.00 point / 8 points**

Level **—**

Equipment Condition	Details														
			Front passenger's seat						Rear passenger's seat						
	Front passenger's seat	Rear passenger's seat	Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
		Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 77.68 points / 100 points

● Full frontal collision test

Passenger protection performance		Head	Neck			Chest		Legs			Body deformation		Door openability	Rescuability
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision	
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg Upper TI Lower TI	Left leg Upper TI Lower TI	Rear displacement Upper displacement	Rear displacement Upper displacement			
Driver's seat	Level 4 9.39 (78.3%)	641.9	0.60	1.39	9.04	488.30	26.80	0.50 0.50	0.70 0.33	0.69 0.35	0 0	40 0		
Front passenger seat	Level 5 10.92 (91.0%)	420.4	0.44	1.20	22.32	414.34	28.00	1.01 1.30	0.54 0.45	0.45 0.34	/	/		

● Offset frontal collision

Passenger protection performance		Secondary collision	Head	Neck			Chest		Riding up of lap belt from pelvis	Legs			Body deformation		Door openability	Rescuability
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement		Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision	
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg Upper TI Lower TI	Left leg Upper TI Lower TI	Rear displacement Upper displacement	Rear displacement Upper displacement			
Driver's seat	Level 5 10.83 (90.3%)	/	479.9	0.59	1.61	12.96	431.22	26.64	0.28 0.57	0.48 0.32	0.42 0.30	15 1	11 0			
Rear passenger seat	Level 2 6.60 (55.0%)	None	/	/	2.50	/	/	47.21	Right side 0.14 1.02	/	/	/	/			

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door openability (Front passenger side) Fuel leakage after collision	Rescuability
Driver's seat	Level 5 12.00 (100.0%)	499.0	7.95	0.71	2.77		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck			
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]
			Level 1	2	3	4	5			
Driver's seat	Level 4 10.21 (85.1%)	12.0	6.0	561.5	5.1	10.7	152.3	307.8	2.8	2.1
Front passenger seat	Level 4	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		166	b	f & g	7.1	1.8	3 point style	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

a. The buckles do not need to be used separately.
 b. Buckles can be identified by the direction or layout.
 c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
 d. The above conditions are not applicable; however, the buckles do not cross over each other.
 e. None of the above conditions are applicable.

● Brake performance test

Dry road surface	42.8m
Wet road surface	44.2m

※3 Interpretation of buckle insertability

f. The tongue can be inserted into the buckle with one hand.
 g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
 h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
 i. Can be inserted easily (buckle can be held upward).
 j. There is a holding function.

Vehicle Model Under Test

SUBARU FORESTER

Test Vehicle

FORESTER 2.0i-L EyeSight

Sold from November 2012

FUJI HEAVY INDUSTRIES LTD.

Model: DBA-SJ5

Engine Displacement: 1,995cc Vehicle Weight: 1,480kg

Length×Width×Height: 4,595×1,795×1,695mm

Stationwagon, CVT, AWD, Seating Capacity: 5

Tires: 225/60R17 99H, YOKOHAMA GEOLANDAR G91



New Overall Evaluation of Safety Performance

★★★★★

169.8 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,698	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Not provided ● Side curtain air bag: Not provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ● Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided
Offset : 1,698	
Side : 1,579	

Pedestrian Protection Performance Evaluation **80.66 points / 100 points**

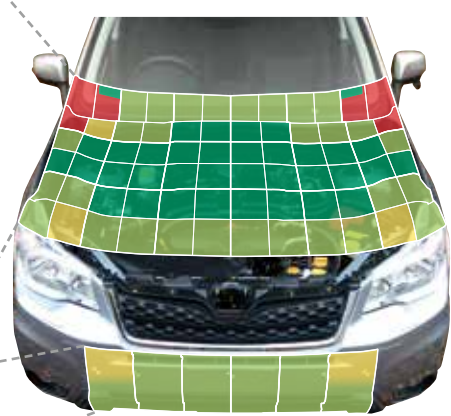
Pedestrian Head Protection Performance Evaluation Test : 3.50 points

Bonnet shape Type2

Head protection performance evaluation

Level **5**

WAD2100	Adult average score	0.00	1.20	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	1.16	0.00
WAD1900	2.97	0.00	2.75	3.77	3.77	4.00	4.00	4.00	4.00	3.77	3.77	3.80	3.80	3.80	1.24	0.00
WAD1700	Mixture average score	3.62	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.90	3.62
WAD1525	3.97	3.90	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.00
WAD1350	Child average score	3.45	3.45	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.45	3.45	3.45	3.45	3.45
WAD1175	3.58	3.31	3.54	3.88	3.88	3.77	3.77	3.77	3.77	3.08	3.08	2.90	2.90	2.90	3.31	3.45
WAD1000		3.45	2.90	3.08	3.08	3.77	3.77	3.77	3.77	3.08	3.08	2.90	2.90	2.90	3.45	3.45



Leg protection Performance evaluation

Level **2**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	1.14	2.21	2.43	2.43	2.21	1.14
Tibia	2.64	2.26	3.30	3.30	2.26	2.64

Pedestrian Leg Protection Performance Evaluation Test : 2.51 points

Seatbelt Reminder Evaluation **6.00 points / 8 points**

Level **4**

Equipment Condition	Details														
			Front passenger's seat						Rear passenger's seat						
	Front passenger's seat	Rear passenger's seat	Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
		Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	○	○	B	40	○	C	B	10	-	-	-	○	C	B	25

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation **83.15 points / 100 points**

● **Full frontal collision test**

Passenger protection performance		Head	Neck			Chest		Legs			Body deformation		Door operability	Rescuability	
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision		
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement			
Level 1 2 3 4 5															
Driver's seat	Level 5	10.90 (90.8%)	446.4	0.51	1.08	10.07	420.53	26.34	1.69 0.93	0.54 0.25	0.32 0.37	0 0	21 12		
Front passenger seat	Level 4	9.87 (82.3%)	295.4	0.79	1.03	18.33	465.23	25.37	2.05 3.21	0.66 0.31	0.39 0.23				

● **Offset frontal collision**

Passenger protection performance		Secondary collision	Head	Neck			Chest		Riding up of tap belt from pelvis	Legs			Body deformation		Door operability	Rescuability
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement		Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision	
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement		
Level 1 2 3 4 5																
Driver's seat	Level 5	10.68 (89.0%)	432.5	0.38	1.38	5.62	437.02	23.49	0.50 2.08	0.40 0.29	0.31 0.51	0 0	28 0			
Rear passenger seat	Level 4	10.46 (87.2%)	None		1.88			33.76	0.10 0.09							

● **Side collision test**

Passenger protection performance		Head injury value	Chest displacement	Abdomen load	Pubis load	Door operability (Front passenger side)	Rescuability
Level 1 2 3 4 5		[HPC]	[mm]	[k N]	[k N]	Fuel leakage after collision	
Driver's seat	Level 5	12.00 (100.0%)	211.0	3.02	0.84	1.02	



Side collision test

● **Neck injury protection for rear-end collision performance test**

Passenger protection performance		NIC	Upper neck				Lower neck				
			Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)	Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)	
			[N]	[N]	[Nm]	[Nm]	[N]	[N]	[Nm]	[Nm]	
Level 1 2 3 4 5											
Driver's seat	Level 4	10.42 (86.9%)	11.8	4.4	381.9	4.4	15.1	200.4	130.2	2.9	1.9
Front passenger seat	Level 4	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● **Rear passenger's seat belt usability evaluation**

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		209	b	f & g	5.6	2.1	3 point style	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

a. The buckles do not need to be used separately.
 b. Buckles can be identified by the direction or layout.
 c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
 d. The above conditions are not applicable; however, the buckles do not cross over each other.
 e. None of the above conditions are applicable.

● **Brake performance test**

Dry road surface		40.5m (Note)
Wet road surface		43.5m (Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※3 Interpretation of buckle insertability

f. The tongue can be inserted into the buckle with one hand.
 g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
 h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
 i. Can be inserted easily (buckle can be held upward).
 j. There is a holding function.

Vehicle Model Under Test

SUBARU FORESTER (w/SCA)

Test Vehicle

FORESTER 2.0i-L EyeSight

Sold from November 2012

FUJI HEAVY INDUSTRIES LTD.

Model: DBA-SJ5

Engine Displacement: 1,995cc Vehicle Weight: 1,480kg

Length×Width×Height: 4,595×1,795×1,695mm

Stationwagon, CVT, AWD, Seating Capacity: 5

Tires: 225/60R17 99H, YOKOHAMA GEOLANDAR G91



New Overall Evaluation of Safety Performance

★★★★★

177.1 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,698	<ul style="list-style-type: none"> ●ABS: Provided ●Stability Control System: Provided ●Damage Mitigation Brake System: Provided ●Air bag: Driver's seat: Provided/Front passenger's seat: Provided ●Side air bag: Provided ●Side curtain air bag: Provided ●Seat type: Driver's seat: Passive/Front passenger's seat: Passive ●Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Provided ●Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ●Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided ●Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided ●Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided
Offset : 1,698	
Side : 1,596	

Pedestrian Protection Performance Evaluation **80.66 points / 100 points**

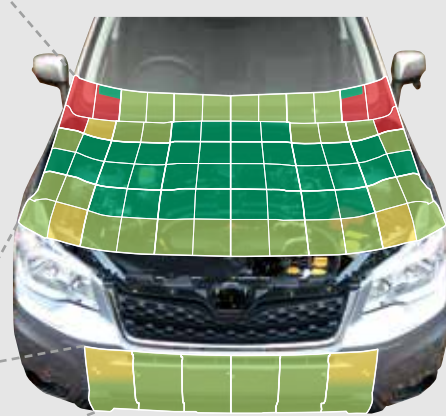
Pedestrian Head Protection Performance Evaluation Test : 3.50 points

Bonnet shape Type2

Head protection performance evaluation

Level **5**

WAD2100	Adult average score	0.00	1.20	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	1.16	0.00
WAD1900	2.97	0.00	2.75	3.77	3.77	4.00	4.00	4.00	4.00	3.77	3.77	3.80	3.80	1.24	0.00
WAD1700	Mixture average score	3.62	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.90	3.62
WAD1525	3.97	3.90	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.00
WAD1350	Child average score	3.45	3.45	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.45	3.45
WAD1175	3.58	3.31	3.54	3.88	3.88	3.77	3.77	3.77	3.77	3.08	3.08	2.90	2.90	3.31	3.45
WAD1000	3.58	3.45	2.90	3.08	3.08	3.77	3.77	3.77	3.77	3.08	3.08	2.90	2.90	3.45	3.45



Leg protection Performance evaluation

Level **2**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	1.14	2.21	2.43	2.43	2.21	1.14
Tibia	2.64	2.26	3.30	3.30	2.26	2.64

Pedestrian Leg Protection Performance Evaluation Test : 2.51 points

Seatbelt Reminder Evaluation **6.00 points / 8 points**

Level **4**

Equipment Condition	Details														
	Front passenger's seat	Rear passenger's seat	Front passenger's seat						Rear passenger's seat						
			Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
○	○	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	○	○	B	40	○	C	B	10	-	-	-	○	C	B	25

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, and "Z" refers to other areas.

●For this model, only the side collision test was conducted, and the test results for the same model from the same year were referred to for other portions.

Passenger Protection Performance Evaluation 90.44 points / 100 points

● Full frontal collision test

Passenger protection performance		Head		Neck		Chest		Legs			Body deformation		Door operability	Rescuability	
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]			
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg Upper TI Lower TI	Right leg Upper TI Lower TI	Left leg Upper TI Lower TI	Rear displacement Upper displacement	Rear displacement Upper displacement			
Driver's seat	Level 5	10.90 (90.8%)	446.4	0.51	1.08	10.07	420.53	26.34	1.69 0.93	0.54 0.25	0.32 0.37	0 0	21 12		
	Level 4	9.87 (82.3%)	295.4	0.79	1.03	18.33	465.23	25.37	2.05 3.21	0.66 0.31	0.39 0.23				
Front passenger seat	Level 4	9.87 (82.3%)	295.4	0.79	1.03	18.33	465.23	25.37	2.05 3.21	0.66 0.31	0.39 0.23				

● Offset frontal collision

Passenger protection performance		Secondary collision	Head		Neck		Chest		Legs			Body deformation		Door operability	Rescuability
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Riding up of lap belt from pelvis	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]		
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg Upper TI Lower TI	Right leg Upper TI Lower TI	Left leg Upper TI Lower TI	Rear displacement Upper displacement	Rear displacement Upper displacement	
Driver's seat	Level 5	10.68 (89.0%)	432.5	0.38	1.38	5.62	437.02	23.49	0.50 2.08	0.40 0.29	0.31 0.51	0 0	28 0		
	Level 4	10.46 (87.2%)	None		1.88			33.76	None	0.10 0.09					
Rear passenger seat	Level 4	10.46 (87.2%)	None		1.88			33.76	None	0.10 0.09					

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door operability (Front passenger side) Fuel leakage after collision	Rescuability	
								Level 1
Driver's seat	Level 5	12.00 (100.0%)	49.0	11.07	0.74	0.94		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck				
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	
Driver's seat	Level 4	10.42 (86.9%)	11.8	4.4	381.9	4.4	15.1	200.4	130.2	2.9	1.9
Front passenger seat	Level 4	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		209	b	f & g	5.6	2.1	3 point style	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better the usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

- a. The buckles do not need to be used separately.
- b. Buckles can be identified by the direction or layout.
- c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
- d. The above conditions are not applicable; however, the buckles do not cross over each other.
- e. None of the above conditions are applicable.

● Brake performance test

Dry road surface ☀️		40.5m (Note)
Wet road surface 🌧️		43.5m (Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※3 Interpretation of buckle insertability

- f. The tongue can be inserted into the buckle with one hand.
- g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
- h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
- i. Can be inserted easily (buckle can be held upward).
- j. There is a holding function.

Vehicle Model Under Test

MAZDA ATENZA

Test Vehicle

ATENZA XD

Sold from November 2012

Mazda Motor Corporation

Model: LDA-GJ2FW

Engine Displacement: 2,188cc Vehicle Weight: 1,530kg

Length×Width×Height: 4,800×1,840×1,480mm

Stationwagon, 6AT, FF, Seating Capacity: 5


Tires: 225/55R17 97V, TOYO PROXES T1 Sport



New Overall Evaluation of Safety Performance

★★★★★

183.2 points / 208 points

<p>Test Vehicle Weight (kgs)</p> <p>Full : 1,730</p> <p>Offset : 1,729</p> <p>Side : 1,614</p> 	<p>Safety Devices Installed on Test Vehicle</p> <ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Provided ● Side curtain air bag: Provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided Second row: Driver side: Not provided/Front passenger side: Not provided/Center seat: Not provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided Second row: Driver side: Provided/Front passenger side: Provided/Center seat: Not provided
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Pedestrian Protection Performance Evaluation **86.20 points / 100 points**

Pedestrian Head Protection Performance Evaluation Test : 3.33 points

Bonnet shape Type 1

Head protection performance evaluation

Level **5**

WAD2100	Adult average score	0.00	0.84	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.84	0.00
WAD1900		1.21		4.00		4.00		4.00		4.00		1.21	
WAD1700		3.07	0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00
WAD1525	Mixture average score	2.64	2.64	3.37	4.00	4.00	4.00	4.00	4.00	4.00	3.37	2.80	2.64
WAD1350		3.52	2.96	3.37	3.69	4.00	4.00	4.00	4.00	4.00	3.69	2.80	2.76
WAD1175	Child average score	2.35	2.35	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.35	2.35
WAD1000		3.41	1.96	2.35	4.00	4.00	4.00	4.00	4.00	3.73	4.00	2.35	1.96



Leg protection performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 4.00 points

Seatbelt Reminder Evaluation **4.00 points / 8 points**

Level **2**

Equipment Condition	Details														
	Front passenger's seat		Front passenger's seat						Rear passenger's seat						
			Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
Front passenger's seat	Rear passenger's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	-	○	B	40	○	C	B	10	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 93.05 points / 100 points

● Full frontal collision test

Passenger protection performance		Head	Neck			Chest		Legs			Body deformation		Door operability	Rescuability
		Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision	
								Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement		
Driver's seat	Level 5 10.79 (89.9%)	551.9	0.76	0.84	11.21	416.84	22.94	0.17 0.62	0.59 0.47	0.35 0.62	0 0	89 35		
Front passenger seat	Level 5 11.36 (94.7%)	316.2	0.47	0.89	10.68	398.53	26.81	1.36 0.53	0.32 0.38	0.32 0.18				

● Offset frontal collision

Passenger protection performance		Secondary collision	Head	Neck			Chest		Riding up of tap belt from pelvis	Legs			Body deformation		Door operability	Rescuability
			Injury load [HIC]	Shearing Load [k N]	Tensile load [k N]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m sec]	Chest displacement [mm]		Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision	
										Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement		
Driver's seat	Level 5 10.87 (90.6%)		224.0	0.42	1.12	9.31	363.5	23.40	0.26 0.99	0.50 0.48	0.86 0.83	0 0	0 0			
Rear passenger seat	Level 4 10.22 (85.2%)	None			1.76			36.44	None	0.06 0.05						

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door operability (Front passenger side) Fuel leakage after collision	Rescuability
Driver's seat	Level 5 12.00 (100.0%)	49.4	17.95	0.65	1.73		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck			
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]
Driver's seat	Level 5 11.18 (93.2%)	12.5	0.0	309.2	6.1	9.3	144.9	135.5	1.6	2.5
Front passenger seat	Level 5 ↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		189	b	f & g	5.8	1.9	3 point style	When three persons take a backseat after the buckle for rear center seats had been outside suitable, there is a possibility that the buckle concerned may disappear.

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

- a. The buckles do not need to be used separately.
- b. Buckles can be identified by the direction or layout.
- c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
- d. The above conditions are not applicable; however, the buckles do not cross over each other.
- e. None of the above conditions are applicable.

● Brake performance test

Dry road surface	41.7m
Wet road surface	42.2m

※3 Interpretation of buckle insertability

- f. The tongue can be inserted into the buckle with one hand.
- g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
- h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
- i. Can be inserted easily (buckle can be held upward).
- j. There is a holding function.

Vehicle Model Under Test

MITSUBISHI MIRAGE

Test Vehicle

MIRAGE M

Sold from August 2012

Mitsubishi Motors Corporation

Model: DBA-A05A

Engine Displacement: 999cc Vehicle Weight: 870kg

Length×Width×Height: 3,710×1,665×1,490mm

5-door hatchback, CVT, FF, Seating Capacity: 5

Tires: 165/65R14 79S, YOKOHAMA BluEarth A34



New Overall Evaluation of Safety Performance

★★★★☆

163.4 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,078	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Not provided ● Damage Mitigation Brake System: Not provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Not provided ● Side curtain air bag: Not provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Not provided/Rear passenger seat: Not provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided
Offset : 1,080	
Side : 962	

Pedestrian Protection Performance Evaluation **84.62 points / 100 points**

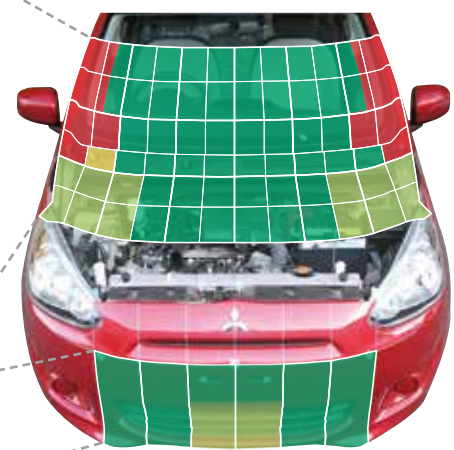
Pedestrian Head Protection Performance Evaluation Test : 3.27 points

Bonnet shape Type 1

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	0.00	2.76	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.76	0.00
WAD1900	3.12	0.00	2.68	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.76	0.00
WAD1700	Mixture average score	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00	0.00
WAD1525	2.95	0.00	2.92	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00	0.00
WAD1350	Child average score	3.26	3.26	3.70	4.00	4.00	4.00	4.00	4.00	4.00	3.70	3.26	3.26
WAD1175	3.74	3.49	3.49	3.70	4.00	4.00	4.00	4.00	4.00	4.00	3.70	3.49	3.49
WAD1000													



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	4.00	4.00	4.00	4.00
Tibia	4.00	4.00	3.65	3.65	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 3.91 points

Seatbelt Reminder Evaluation **0.00 point / 8 points**

Level **—**

Equipment Condition	Details														
	Front passenger's seat	Rear passenger's seat	Front passenger's seat						Rear passenger's seat						
			Auditory alarm			Visual alarm			Auditory alarm			Visual alarm			
Front passenger's seat	Rear passenger's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 78.80 points / 100 points

● Full frontal collision test

Passenger protection performance		Head	Neck			Chest		Legs			Body deformation		Door operability	Rescuability	
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision		
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement			
Driver's seat	Level 4	9.96 (83.0%)	552.0	0.72	1.34	9.89	455.53	29.04	0.46 0.27	0.57 0.33	0.70 0.50	0 0	0 0		
Front passenger seat	Level 5	10.75 (89.6%)	470.8	0.61	0.90	11.36	435.83	26.83	0.41 0.64	0.40 0.31	0.48 0.36	/	/		

● Offset frontal collision

Passenger protection performance		Secondary collision	Head	Neck			Chest		Riding up of lap belt from pelvis	Legs			Body deformation		Door operability	Rescuability	
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement		Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]	Fuel leakage after collision		
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement			
Driver's seat	Level 4	10.32 (86.1%)	/	324.1	0.52	1.27	12.53	432.29	26.58	/	0.05 0.11	0.49 0.32	0.72 0.42	0 0	0 0		
Rear passenger seat	Level 3	8.34 (69.5%)	None	/	/	2.87	/	/	45.33	None	0.10 0.06	/	/	/	/		

● Side collision test

Passenger protection performance		Head injury value [HPC]	Chest displacement [mm]	Abdomen load [k N]	Pubis load [k N]	Door operability (Front passenger side) Fuel leakage after collision	Rescuability	
								Level 1
Driver's seat	Level 5	11.46 (95.5%)	378.1	21.68	1.34	3.13		



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC [m ² /s ²]	Upper neck				Lower neck				
			Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	Shearing load [N]	Axial force load [N]	Horizontal axial moment (Flexion) [Nm]	Horizontal axial moment (Extension) [Nm]	
Driver's seat	Level 4	10.38 (86.6%)	9.8	16.1	459.5	16.5	4.8	313.6	96.2	2.0	8.5
Front passenger seat	Level 4	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		183	b	f & g	5.9	1.7	3 point style	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

- a. The buckles do not need to be used separately.
- b. Buckles can be identified by the direction or layout.
- c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
- d. The above conditions are not applicable; however, the buckles do not cross over each other.
- e. None of the above conditions are applicable.

● Brake performance test

Dry road surface		40.1m	(Note)
Wet road surface		40.2m	(Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※3 Interpretation of buckle insertability

- f. The tongue can be inserted into the buckle with one hand.
- g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
- h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
- i. Can be inserted easily (buckle can be held upward).
- j. There is a holding function.

Vehicle Model Under Test

VOLKSWAGEN Golf

Test Vehicle

Golf TSI Highline

Sold from June 2013

VOLKSWAGEN Group Japan KK

Model: DBA-AUCPT

Engine Displacement: 1,394cc Vehicle Weight: 1,320kg

Length×Width×Height: 4,265×1,800×1,460mm

5-door hatchback, 7AT, FF, Seating Capacity: 5

Tires: 225/45R17 91W, PIRELLI Cinturato P7



New Overall Evaluation of Safety Performance

★★★★★

176.7 points / 208 points

Test Vehicle Weight (kgs)	Safety Devices Installed on Test Vehicle
Full : 1,523	<ul style="list-style-type: none"> ● ABS: Provided ● Stability Control System: Provided ● Damage Mitigation Brake System: Provided ● Air bag: Driver's seat: Provided/Front passenger's seat: Provided ● Side air bag: Provided ● Side curtain air bag: Provided ● Seat type: Driver's seat: Passive/Front passenger's seat: Passive ● Seat belt reminder: Front passenger seat: Provided/Rear passenger seat: Provided ● Seat belt pretensioner: First row: Driver's seat: Provided/Front passenger seat: Provided ● Seat belt force (load) limiter: First row: Driver's seat: Provided/Front passenger side: Provided
Offset : 1,531	
Side : 1,406	

Pedestrian Protection Performance Evaluation

80.89 points / 100 points

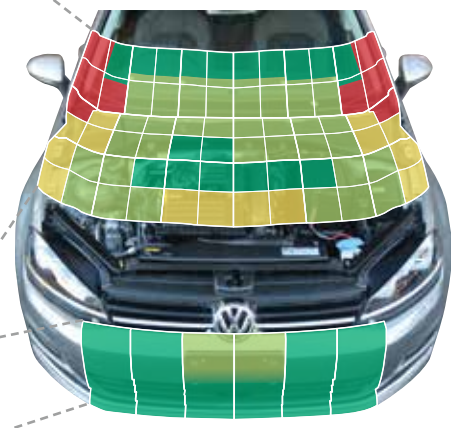
Pedestrian Head Protection Performance Evaluation Test : 3.09 points

Bonnet shape Type 1

Head protection performance evaluation

Level **4**

WAD2100	Adult average score	0.00	3.52	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.52	0.00
WAD1900	2.80	0.00	0.76	3.32	3.32	3.32	3.32	3.32	3.32	3.32	3.32	3.32	3.32	0.76	0.00
WAD1700	Mixture average score	0.00	2.70	3.61	3.61	3.76	3.76	3.96	3.96	3.61	3.61	3.61	3.61	2.70	0.00
WAD1525	3.19	2.03	2.70	3.61	3.61	3.88	3.88	3.96	3.96	3.61	3.61	3.61	3.61	2.03	2.70
WAD1350	Child average score	1.83	3.74	3.55	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.55	3.74	1.83
WAD1175	3.29	2.79	3.67	3.67	3.41	3.41	3.41	3.41	3.41	3.67	3.67	3.67	3.67	2.79	3.29
WAD1000		1.83	3.74	3.55	3.55	2.82	2.82	2.82	2.82	3.55	3.55	3.55	3.55	3.74	1.83



Leg protection Performance evaluation

Level **4**

	L1A	L1B	L2A	L2B	L3A	L3B
Knee	4.00	4.00	2.50	2.50	4.00	4.00
Tibia	4.00	4.00	4.00	4.00	4.00	4.00

Pedestrian Leg Protection Performance Evaluation Test : 3.86 points

Seatbelt Reminder Evaluation

5.00 points / 8 points

Level **3**

Equipment Condition	Details														
	Front passenger's seat		Front passenger's seat							Rear passenger's seat					
			Auditory alarm			Visual alarm				Auditory alarm			Visual alarm		
Front passenger's seat	Rear passenger's seat	Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
○	○	○	B	40	○	A	A	10	-	-	-	○	A	A	12.5

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.
 ※2 In the "Range" column, "A" means driver's seat only, "B" means driver's seat and the passenger's seat concerned, and "C" means the passenger's seat concerned only.
 ※3 In the "Position" column, "A" means in front of the driver's seat, "B" means in front of the front passenger's seat, "C" means the center console area, "D" means in front of the rear seat on the window side, "E" means close to the center area of the rear seat, "F" means near the central ceiling area, "G" means room mirror part, "H" means Indicator area, and "Z" refers to other areas.

Passenger Protection Performance Evaluation 90.82 points / 100 points

● Full frontal collision test

Passenger protection performance		Head	Neck			Chest		Legs			Body deformation		Door operability	Rescuability	
		Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]	Brake pedal deformation [mm]			
		[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]	Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision		
Driver's seat	Level 1														
	Level 2														
	Level 3														
	Level 4														
	Level 5	9.86 (82.2%)	545.6	0.74	1.87	10.68	490.01	26.91	1.53 1.29	0.46 0.22	0.41 0.25	0 0	42 17		
Front passenger seat	Level 4	9.43 (78.6%)	469.2	0.48	1.17	28.18	494.03	26.47	0.67 0.83	0.64 0.26	0.53 0.23				

● Offset frontal collision

Passenger protection performance		Secondary collision	Head	Neck			Chest		Legs			Body deformation		Door operability	Rescuability
			Injury load	Shearing Load	Tensile load	Moment of extension	Resultant acceleration	Chest displacement	Riding up of tap belt from pelvis	Femur load [k N]	Right leg	Left leg	Steering column deformation [mm]		
			[HIC]	[k N]	[k N]	[Nm]	[m/s ² -3m sec]	[mm]		Right leg	Upper TI	Upper TI	Rear displacement	Rear displacement	Fuel leakage after collision
Driver's seat	Level 1														
	Level 2														
	Level 3														
	Level 4														
	Level 5	11.10 (92.5%)	354.2	0.47	1.59	13.53	424.88	21.90	1.37 0.94	0.32 0.26	0.27 0.39	0 0	36 18		
Front passenger seat	Level 5	11.28 (94.1%)	None		1.74		28.29	None	0.11 0.05						

● Side collision test

Passenger protection performance		Head injury value	Chest displacement	Abdomen load	Pubis load	Door operability (Front passenger side)	Rescuability
		[HPC]	[mm]	[k N]	[k N]	Fuel leakage after collision	
Driver's seat	Level 1						
	Level 2						
	Level 3						
	Level 4						
	Level 5	11.99 (99.9%)	100.4	22.03	0.86	1.98	



Side collision test

● Neck injury protection for rear-end collision performance test

Passenger protection performance		NIC	Upper neck				Lower neck						
			Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)	Shearing load	Axial force load	Horizontal axial moment (Flexion)	Horizontal axial moment (Extension)			
			[N]	[N]	[Nm]	[Nm]	[N]	[N]	[Nm]	[Nm]			
Driver's seat	Level 1												
	Level 2												
	Level 3												
	Level 4												
	Level 5	10.97 (91.4%)	12.4	25.9	166.8	12.8	4.9	235.2	56.2	2.5	4.3		
Front passenger seat	Level 5	↑	↑	↑	↑	↑	↑	↑	↑	↑			



Full frontal collision



Offset frontal collision



Neck injury protection for rear-end collision

Other evaluations

● Rear passenger's seat belt usability evaluation

Radar chart		Seat belt accessibility (mm)	Buckle identification	Insertability of tongue into buckle	Seat belt wearing comfortability (N)		Rear seat	
Front passenger seat side	Driver's seat side				50mm position	25mm position	Center seat	Remarks
		177	b	f & g	4.3	1.7	3 point style	

↑ or ↓ shows that because the position of the seat belts is symmetrical, although tests were not performed, the results are the same.

※1 Interpretation of the radar chart

The chart shows three levels based on seat belt accessibility, buckle identification, insertability of tongue into buckle and comfortability when wearing the seat belt. The higher the level, the better usability evaluation of the seat belts. The red line denotes the seat belt in the standard position, while the blue line denotes the position when the seat is moved forward.

※2 Interpretation of buckle identification

- a. The buckles do not need to be used separately.
- b. Buckles can be identified by the direction or layout.
- c. Buckles can be identified by appearance. (Just engraving is not judged as identifiable.)
- d. The above conditions are not applicable; however, the buckles do not cross over each other.
- e. None of the above conditions are applicable.

● Brake performance test

Dry road surface		37.3m (Note)
Wet road surface		39.9m (Note)

Note : Because the weather condition brought the lower road temperature than that was required for the braking test, there is some possibility that the stopping distance is slightly short.

※3 Interpretation of buckle insertability

- f. The tongue can be inserted into the buckle with one hand.
- g. The tongue can be easily inserted into the buckle with a natural one-way movement (the buckle can be held upward).
- h. Can be inserted with one hand if the fingers holding the tongue support the buckle.
- i. Can be inserted easily (buckle can be held upward).
- j. There is a holding function.



Category	Tested year	New Overall Evaluation of Safety Performance	Overall Collision Safety Ratings	Air bag	Seat belt pretensioner	Seat belt force (load) limiter	Full Frontal Collision Test														Passenger protection performance	Head			Neck		
							Head		Neck		Chest		Legs				Body Deformation		Secondary collision	Injury value [HIC]		Shearing load [kN]	Tensile load [kN]				
							Injury value [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Femur load [kN]		Right tibia	Left tibia	Steering column displacement [mm]	Brake pedal deformation [mm]									
													Right leg	Left leg										Upper TI	Lower TI	Upper TI	Lower TI
Electric vehicles, etc.	'11	4★	Driver's seat: 4★ Front passenger's seat: 4★	Provided	Provided	Provided	Level 5	345.2	0.39	0.88	12.21	398.06	26.82	0.26	0.75	0.41	0.19	0.40	0.12	0	0	Level 5	168.1	0.27	1.12		
							Level 5	283.5	0.39	0.55	12.82	351.34	22.26	1.50	1.10	0.32	0.18	0.36	0.19	0	0	Level 3	None	2.79			
	'12	4★	Driver's seat: 4★ Front passenger's seat: 4★	Provided	Provided	Provided	Level 3	434.6	0.74	1.09	10.49	518.93	30.72	0.18	3.06	0.56	0.42	0.71	0.38	0	0	Level 4	359.4	0.47	1.19		
							Level 4	397.3	0.52	0.85	36.20	456.01	29.17	2.12	2.45	0.28	0.26	0.49	0.21	0	0	Level 3	None	2.54			
	'09	6★+	Driver's seat: 6★+ Front passenger's seat: 6★+	Provided	Provided	Provided	Level 4	362.1	0.58	1.51	9.66	439.46	34.97	2.29	2.63	0.49	0.25	0.32	0.16	0	0	Level 5	181.5	0.42	1.11		
							Level 5	464.7	0.41	1.21	11.31	413.00	26.29	1.55	0.66	0.45	0.24	0.52	0.20	0	0	Level 3	None	2.57			
	'11	4★	Driver's seat: 4★ Front passenger's seat: 4★	Provided	Provided	Provided	Level 4	268.7	0.56	1.54	24.73	438.27	33.74	2.71	3.16	0.53	0.30	0.47	0.26	0	0	Level 5	165.8	0.64	1.09		
							Level 5	398.3	0.52	1.57	14.60	399.76	22.93	2.37	2.40	0.53	0.38	0.52	0.36	0	0	Level 3	None	2.32			
	'10	6★+	Driver's seat: 6★+ Front passenger's seat: 6★+	Provided	Provided	Provided	Level 5	358.3	0.37	1.33	12.19	362.57	26.26	2.12	2.45	0.45	0.21	0.41	0.30	0	17	0	Level 5	339.5	0.42	1.45	
							Level 5	468.6	0.56	0.92	39.31	433.49	24.84	0.73	0.26	0.51	0.28	0.50	0.22	0	0	Level 4	None	2.62			
'11	5★	Driver's seat: 5★ Front passenger's seat: 5★	Provided	Provided	Provided	Level 5	335.8	0.63	1.58	9.77	382.66	25.68	2.48	2.14	0.36	0.30	0.48	0.25	0	4	0	Level 5	276.5	0.60	1.40		
						Level 5	228.0	0.58	1.28	35.30	378.13	20.21	1.71	1.61	0.47	0.24	0.34	0.36	0	0	Level 4	None	2.47				
'09	6★	Driver's seat: 6★ Front passenger's seat: 5★	Provided	Provided	Provided	Level 5	425.4	0.69	0.92	17.09	425.39	27.45	1.76	2.50	0.50	0.29	0.53	0.27	0	17	0	Level 5	236.2	0.56	1.08		
						Level 3	435.4	0.62	0.77	9.64	538.75	27.62	0.12	0.92	0.55	0.33	0.64	0.30	0	0	Level 3	None	2.79				
'09	6★+	Driver's seat: 6★+ Front passenger's seat: 5★+	Provided	Provided	Provided	Level 5	425.4	0.69	0.92	17.09	425.39	27.45	1.76	2.50	0.50	0.29	0.53	0.27	0	17	0	Level 5	236.2	0.56	1.08		
						Level 3	435.4	0.62	0.77	9.64	538.75	27.62	0.12	0.92	0.55	0.33	0.64	0.30	0	0	Level 3	None	2.79				
'10	5★	Driver's seat: 5★ Front passenger's seat: 6★	Provided	Provided	Provided	Level 4	521.3	0.77	0.93	16.16	479.64	30.31	0.83	2.43	0.64	0.43	0.47	0.46	0	76	38	Level 4	519.1	0.69	0.92		
						Level 4	570.8	0.55	1.01	8.50	460.43	28.80	1.24	0.69	0.63	0.53	0.61	0.44	0	0	Level 3	Provided	307.0	1.05	2.36		
'10	5★+	Driver's seat: 5★+ Front passenger's seat: 6★+	Provided	Provided	Provided	Level 4	521.3	0.77	0.93	16.16	479.64	30.31	0.83	2.43	0.64	0.43	0.47	0.46	0	76	38	Level 4	519.1	0.69	0.92		
						Level 4	570.8	0.55	1.01	8.50	460.43	28.80	1.24	0.69	0.63	0.53	0.61	0.44	0	0	Level 3	Provided	307.0	1.05	2.36		
'10	5★	Driver's seat: 5★ Front passenger's seat: 5★	Provided	Provided	Provided	Level 4	378.1	0.61	1.87	24.41	420.05	31.03	0.59	2.24	1.07	0.57	0.93	0.52	0	0	Level 4	258.3	0.57	1.66			
						Level 4	297.5	0.70	1.12	30.97	524.05	27.20	2.43	0.57	0.27	0.33	0.60	0.34	0	29	0	Level 3	None	2.60			
'08	5★	Driver's seat: 5★ Front passenger's seat: 5★	Provided	Provided	Provided	Level 3	282.0	0.39	1.52	23.34	50.18 [G-3m/sec]	30.06	0.46	1.72	0.72	0.44	1.09	0.60	0	11	16	Level 5	442.9	0.78	1.67		
						Level 4	503.3	0.55	1.32	20.76	50.50 [G-3m/sec]	25.37	3.09	1.15	0.36	0.20	0.58	0.27	0	0	Level 5	267.7	0.75	1.15			
'08	5★	Driver's seat: 5★ Front passenger's seat: 5★	Provided	Provided	Provided	Level 3	342.6	0.56	1.83	59.98	50.48 [G-3m/sec]	36.09	0.32	1.07	0.71	0.67	1.00	0.62	8	58	Level 4	376.4	0.34	1.58			
						Level 4	249.4	0.80	1.08	31.35	50.43 [G-3m/sec]	31.55	1.66	0.49	0.46	0.50	0.45	0.70	62	71	Level 4	221.3	0.82	0.99			

Offset Frontal Collision Test														Side Collision Test				Neck Injury Protection for Rear-end Collision Performance Test										Pedestrian head protection performance test		Pedestrian Legs protection performance test		Brake Test	
Neck		Chest		Legs						Body Deformation		Side curtain air bag	Passenger protection performance	Head injury Rights [HPC]	Chest displacement [mm]	Abdominal load [kN]	Pubis load [kN]	Passenger protection performance	NIC [m ² /s ²]	Upper Neck				Lower Neck				S.F.S. Type	Level	Dry road	Wet road		
Moment of extension [Nm]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Upper displacement on ribs	Femur load [kN]	Right tibia	Left tibia	Steering column displacement [mm]	Brake pedal displacement [mm]	Not provided	Level 5						Shearing load [N]	Tensile load [N]	Moment of flexion [Nm]	Moment of extension [Nm]	Shearing load [N]	Tensile load [N]	Moment of flexion [Nm]	Moment of extension [Nm]	Level	Total score	Stopping distance [m]	Stopping distance [m]					
					Right leg	Left leg	Upper TI	Lower TI	Upper TI	Lower TI	Rear displacement [mm]	Rear displacement [mm]	Level 5																				
15.07		330.77	23.98	None	0.80	0.63	0.37	0.44	0.55	0.27	0	61	Level 5	46.4	17.66	0.59	1.87		12.9	27.1	433.0	20.5	0.0	297.0	177.0	1.7	8.8	Type 1	3				
			48.19	None	0.08	0.06							Provided												5	3.00	43.8	46.6					
																									3.39								
9.23		453.68	24.05	None	1.17	0.99	0.31	0.21	0.67	0.54	2	0	Level 5	172.3	16.49	0.72	2.53		8.1	2.7	346.8	14.9	3.5	149.6	81.5	1.8	1.4	Type 1	4	40.9	42.5		
			43.60	None	0.05	0.10							Not provided												4	4.00	41.1	43.5					
																									3.12								
9.68		363.52	28.77	None	2.06	0.25	0.39	0.27	0.40	0.30	0	1	Level 5	73.8	16.24	0.50	1.87		16.3	60.6	563.4	8.1	8.6	345.5	280.3	1.4	8.7	Type 1	5	43.3	47.3		
			42.01	None	0.10	0.13							Provided												5	3.33							
																									3.33								
11.83		303.61	29.37	None	3.26	0.49	0.29	0.23	0.20	0.23	0	0	Level 5	98.3	12.23	0.72	2.30		11.8	0.3	393.3	17.7	5.0	218.9	216.5	1.2	6.4	Type 1	4	40.9	42.5		
			42.33	None	0.15	0.12							Provided												4	3.92	Note	Note					
																									3.09								
19.21		424.56	23.78	None	1.96	2.03	0.36	0.51	0.30	0.35	0	13	Level 5	39.9	12.64	0.90	2.41		13.8	45.7	513.7	26.1	2.7	304.7	223.4	1.5	10.2	Type 1	4	42.7	43.7		
			37.28	None	0.11	0.11							Provided												4	3.11							
																									3.11								
14.67		352.00	28.13	None	2.11	1.76	0.24	0.32	0.25	0.38	0	0	Level 5	67.9	21.60	0.51	2.19		14.1	5.1	340.2	13.9	5.8	203.7	108.1	1.6	3.5	Type 1	4	40.3	43.0		
			31.53	None	0.05	0.09							Provided												4	3.20	3.91						
																									3.20								
7.31		350.83	24.84	None	1.56	0.97	0.34	0.22	0.35	0.22	0	7	Level 5	209.2	22.82	0.71	3.10		12.8	35.5	312.6	20.1	7.0	146.5	109.0	3.4	4.7	Type 1	4	41.8	46.0		
			46.12	None	0.18	0.10							Not provided												4	3.06							
																									3.06								
7.31		350.83	24.84	None	1.56	0.97	0.34	0.22	0.35	0.22	0	7	Level 5	125.4	24.82	0.91	2.75		12.8	35.5	312.6	20.1	7.0	146.5	109.0	3.4	4.7	Type 1	4	41.8	46.0		
			46.12	None	0.18	0.10							Provided												4	3.06							
																									3.06								
9.23		511.92	27.79	None	1.59	1.56	0.48	0.46	0.40	0.22	0	12	Level 5	123.0	20.24	1.12	3.22		14.6	16.3	295.1	8.1	10.1	133.1	80.3	2.1	3.3	Type 1	3	39.2	41.8		
			44.42	None	0.21	0.08							Not provided												3	2.65							
																									2.65								
9.23		511.92	27.79	None	1.59	1.56	0.48	0.46	0.40	0.22	0	12	Level 5	81.5	17.82	0.66	3.07		14.6	16.3	295.1	8.1	10.1	133.1	80.3	2.1	3.3	Type 1	3	39.2	41.8		
			44.42	None	0.21	0.08							Provided												3	2.65							
																									2.65								
41.83		363.16	30.25	None	0.38	2.38	0.75	0.83	0.36	0.21	0	52	Level 5	356.1	13.09	1.39	3.17		55.0	1268.1	1693.0	10.8	41.8	796.4	973.7	2.4	25.2	Type 1	3	41.9	45.0		
			48.34	None	0.01	0.01							Not provided												3	2.89							
																									2.89								
		23.05	39.63 [G-3m/sec]	31.05	0.33	0.85	0.36	0.37	0.28	0.39	3	30	Level 5	442.5	22.62	1.56	2.97												Type 1	3	41.2	44.1	
		13.62	32.33 [G-3m/sec]	23.06	0.94	0.36	0.30	0.21	0.18	0.25			Not provided												3	2.89	Note	Note					
																									2.89								
		29.85	43.43 [G-3m/sec]	34.01	0.54	1.03	0.50	0.70	0.40	0.41	2	45	Level 5	208.7	29.35	0.92	2.17												Type 2	4	42.8	47.3	
		32.59	39.05 [G-3m/sec]	33.46	1.32	0.14	0.34	0.14	0.28	0.21			Not provided												4	2.98							
																									2.98								

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.
 ● indicates the results of rear seat passenger's protection for frontal collision performance test which is operating from 2009.
 Note: Because the weather condition brought the lower road temperature than that which was required for the braking test, there is some possibility that the braking distance is slightly short.

Category	Tested year	New Overall Evaluation of Safety Performance	Overall Collision Safety Ratings	Air bag	Seat belt pretensioner	Seat belt force limiter	Full Frontal Collision Test														Passenger protection performance	Head			Neck		
							Head		Neck		Chest		Legs				Body Deformation		Secondary/collision	Injury value [HIC]		Shearing load [kN]	Tensile load [kN]				
							Injury value [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Femur load [kN]		Right tibia		Left tibia							Steering column displacement [mm]	Brake pedal deformation [mm]		
													Right leg	Left leg	Upper TI	Lower TI	Upper TI	Lower TI								Upper displacement	Lower displacement
Mini-sized Cars	WAGON R FX Limited (SUZUKI) Sold from September 2012 Model: DBA-MH34S Engine displacement: 658cc Vehicle weight: 790kg Length×Width×Height: 3,395×1,475×1,640mm 5-door hatchback, CVT, FF, Seating Capacity: 4 Tires: 155/65R14 75S, DUNLOP ENASAVE EC300 (Weight: 995/994/876)	4★	Driver's seat: Passenger's seat:	Provided	Provided	Level 3	547.9	0.56	1.55	24.03	502.49	32.51	0.77	0.45	1.10	0.66	0.74	0.51	0	22	55	Level 4	434.3	0.31	1.76		
							Level 4	371.7	0.66	1.33	23.74	457.01	31.47	1.49	0.07	0.53	0.39	0.41	0.27						Level 3	None	
	WAGON R FX (SUZUKI) Sold from September 2008 Model: DBA-MH23S Displacement: 658cc Weight: 810kg Length×Width×Height: 3,395×1,475×1,660mm Mini-sized car, A/T, FF, Seating Capacity: 4 Tires: 145/80R13 75S, DUNLOP SP10 (Weight: 1,030/1,029/911) Full model change (12/09)	5★ 6★	Driver's seat: Passenger's seat:	Provided	Provided	Level 4	343.9	0.38	2.11	27.02	46.14 [G-3m/sec]	32.80	2.13	1.61	0.41	0.38	1.13	0.56	0	36	52	Level 4	377.0	0.34	1.57		
							Level 5	361.5	0.67	1.46	18.78	50.45 [G-3m/sec]	28.80	2.85	0.68	0.38	0.18	0.44	0.30						Level 5	238.3	0.74
	TANTO EXE X "Special" (DAIHATSU) Sold from December 2009 Model: DBA-L455S Engine displacement: 658cc Vehicle weight: 870kg Length×Width×Height: 3,395×1,475×1,730mm 5-door hatchback, CVT, FF, Seating Capacity: 4 Tires: 145/80R13 75S, YOKOHAMA ASPEC A34 (Weight: 1,072/1,069/949)	6★ 6★	Driver's seat: Passenger's seat:	Provided	Provided	Level 4	490.6	0.48	1.49	31.38	459.56	31.78	1.08	3.91	0.55	0.53	0.85	0.51	0	30	0	Level 5	303.0	0.35	1.72		
							Level 3	376.1	0.82	1.19	33.11	447.17	28.26	2.10	0.85	0.62	0.46	0.51	0.28						Level 3	None	
	Mira e:S X (DAIHATSU) Sold from September 2011 Model: DBA-LA300S Engine displacement: 658cc Vehicle weight: 730kg Length×Width×Height: 3,395×1,475×1,500mm 5-door hatchback, CVT, FF, Seating Capacity: 4 Tires: 155/65R14 75S, YOKOHAMA BluEarth A34 (Weight: 930/931/812)	4★	Driver's seat: Passenger's seat:	Provided	Provided	Level 4	423.7	0.64	1.18	23.61	478.61	30.52	0.69	0.52	0.58	0.34	0.86	0.42	0	52	5	Level 4	525.9	0.55	2.23		
							Level 3	589.5	1.30	1.83	21.99	477.85	32.74	0.76	0.18	0.65	0.28	0.63	0.27						Level 3	None	
	Mira cocoa X (DAIHATSU) Sold from August 2009 Model: DBA-L675S Engine displacement: 658cc Vehicle weight: 800kg Length×Width×Height: 3,395×1,475×1,530mm Mini-sized car, CVT, FF, Seating Capacity: 4 Tires: 145/80R13 75S, DUNLOP SP10 (Weight: 1,015/1,016/900)	5★ 5★	Driver's seat: Passenger's seat:	Provided	Provided	Level 3	533.8	0.49	2.11	23.51	479.83	34.33	0.79	0.77	0.60	0.34	1.01	0.65	0	65	30	Level 5	375.5	0.33	1.39		
							Level 4	498.3	0.46	1.23	20.41	451.27	36.15	0.91	0.46	0.88	0.47	0.82	0.34						Level 3	None	
	Move X (DAIHATSU) Sold from December 2010 Model: DBA-LA100S Engine displacement: 658cc Vehicle weight: 810kg Length×Width×Height: 3,395×1,475×1,635mm 5-door hatchback, CVT, FF, Seating Capacity: 4 Tires: 155/65R14 75S, HANKOOK CENTUM K708 (Weight: 1,014/1,010/896)	6★ 6★	Driver's seat: Passenger's seat:	Provided	Provided	Level 4	386.8	0.58	1.24	34.80	465.71	30.66	0.54	0.52	0.50	0.39	0.52	0.29	0	84	17	Level 5	542.1	0.49	1.66		
							Level 5	396.1	0.42	0.91	16.01	404.56	28.40	0.25	0.05	0.56	0.34	0.72	0.31						Level 3	None	
MOVE Conte X (DAIHATSU) Sold from August 2008 Model: DBA-L575S Displacement: 658cc Weight: 850kg Length×Width×Height: 3,395×1,475×1,645mm Mini-sized car, CVT, FF, Seating Capacity: 4 Tires: 145/80R13 75S, DUNLOP SP10 (Weight: 1,047/1,049/929)	5★ 5★	Driver's seat: Passenger's seat:	Provided	Provided	Level 3	445.9	0.43	1.77	43.28	53.10 [G-3m/sec]	33.39	1.81	7.29	0.61	0.39	0.75	0.60	0	70	43	Level 4	347.8	0.52	1.68			
						Level 5	679.0	1.21	1.52	21.29	40.59 [G-3m/sec]	29.08	0.73	0.17	0.68	0.43	1.00	0.43						Level 5	444.0	1.01	1.64
Moco X (NISSAN) Sold from February 2011 Model: DBA-MG33S Engine displacement: 658cc Vehicle weight: 810kg Length×Width×Height: 3,395×1,475×1,625mm 5-door hatchback, CVT, FF, Seating Capacity: 4 Tires: 145/80R13 75S, DUNLOP SP10 (Weight: 1,006/1,005/890)	3★	Driver's seat: Passenger's seat:	Provided	Provided	Level 3	629.3	0.45	2.00	25.75	527.35	34.90	0.33	1.30	0.91	0.66	1.21	0.76	0	0	35	Level 4	413.4	0.61	1.84			
						Level 3	552.4	1.33	1.34	37.02	518.19	35.92	0.96	0.32	0.67	0.44	0.55	0.35						Level 3	None		3.38
Life G (HONDA) Sold from November 2008 Model: DBA-JC1 Displacement: 658cc Weight: 810kg Length×Width×Height: 3,395×1,475×1,610mm Mini-sized car, A/T, FF, Seating Capacity: 4 Tires: 155/65R13 73S, YOKOHAMA ASPEC (Weight: 1,011/1,011/894)	5★ 5★	Driver's seat: Passenger's seat:	Provided	Provided	Level 4	513.8	0.71	1.87	23.44	47.22 [G-3m/sec]	27.63	4.40	5.65	0.71	0.37	0.46	0.35	0	62	42	Level 4	421.5	0.33	1.73			
						Level 5	529.4	1.29	1.67	27.23	49.27 [G-3m/sec]	36.23	0.52	0.38	0.61	0.66	0.60	0.59						Level 5	321.5	0.93	1.33
N BOX G·L Package (HONDA) Sold from December 2011 Model: DBA-JF1 Engine displacement: 658cc Vehicle weight: 930kg Length×Width×Height: 3,395×1,475×1,770mm 5-door hatchback, CVT, FF, Seating Capacity: 4 Tires: 145/80R13 75S, YOKOHAMA BluEarth A34 (Weight: 1,138/1,135/1,020)	4★	Driver's seat: Passenger's seat:	Provided	Provided	Level 3	373.6	0.69	2.10	34.55	520.52	38.85	7.18	1.81	0.87	0.45	0.89	0.50	0	44	17	Level 4	322.5	0.42	1.71			
						Level 3	688.1	1.65	1.41	35.20	493.43	44.31	0.41	0.43	0.40	0.22	0.52	0.29						Level 3	None		2.81
Toppo M (MITSUBISHI) Sold from September 2008 Model: DBA-H82A Displacement: 657cc Weight: 840kg Length×Width×Height: 3,395×1,475×1,680mm Mini-sized car, A/T, FF, Seating Capacity: 4 Tires: 155/65R13 73S, GOOD YEAR GT065 SA301 (Weight: 1,064/1,056/940)	4★ 4★	Driver's seat: Passenger's seat:	Provided	Provided	Level 3	686.7	0.52	2.31	22.97	55.98 [G-3m/sec]	39.01	0.43	1.36	0.57	0.84	0.65	0.71	0	22	0	Level 3	269.6	0.57	1.39			
						Level 5	734.8	0.63	1.68	13.77	50.55 [G-3m/sec]	32.38	3.77	1.90	0.80	0.32	0.64	0.45						Level 5	444.9	0.89	1.39
SWIFT XG (SUZUKI) Sold from September 2010 Model: DBA-ZC72S Engine displacement: 1,242cc Vehicle weight: 990kg Length×Width×Height: 3,850×1,695×1,510mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 175/65R15 84H, YOKOHAMA db decibel E70 (Weight: 1,202/1,204/1,086)	6★ 6★	Driver's seat: Passenger's seat:	Provided	Provided	Level 5	435.5	0.53	1.32	10.05	404.35	30.01	0.42	0.53	0.44	0.27	0.46	0.34	0	0	9	Level 5	245.7	0.31	1.29			
						Level 5	490.0	0.98	1.51	20.22	426.26	30.75	1.07	0.47	0.39	0.39	0.49	0.16						Level 3	None		2.80
SPLASH (SUZUKI) Sold from October 2008 Model: DBA-XB32S Engine displacement: 1,242cc Vehicle weight: 1,050kg Length×Width×Height: 3,715×1,680×1,590mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 185/60R15 84H, Continental ContiPremiumContact2 (Weight: 1,258/1,259/1,142)	3★	Driver's seat: Passenger's seat:	Provided	Provided	Level 3	469.7	0.39	1.64	42.86	495.50	34.59	0.57	0.90	0.62	0.37	0.85	0.49	0	0	37	Level 4	722.5	0.60	2.43			
						Level 4	495.4	0.67	1.58	29.25	477.61	33.74	0.26	0.25	0.48	0.33	0.63	0.30						Level 4	None		2.60

Offset Frontal Collision Test														Side Collision Test					Neck Injury Protection for Rear-end Collision Performance Test								Pedestrian head protection performance test		Pedestrian Legs protection performance test		Brake Test			
Neck		Chest		Legs						Body Deformation		Side curtain air bag	Passenger protection performance	Head injury Rights [HPC]	Chest displacement [mm]	Abdominal load [kN]	Pubis load [kN]	Passenger protection performance	NIC [m ² /s ²]	Upper Neck				Lower Neck				S.F.S. Type	Level	Dry road	Wet road			
Moment of extension [Nm]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Upper displacement on ribs	Femur load [kN]	Right tibia	Left tibia	Steering column acceleration [mm]	Brake pedal deformation [mm]	Right leg	Left leg									Upper TI	Lower TI	Upper TI	Lower TI	Rear displacement [mm]	Rear displacement [mm]	Shearing load [N]	Tensile load [N]					Moment of flexion [Nm]	Moment of extension [Nm]	Shearing load [N]
38.03		398.34	25.84	None	1.00	0.96	0.31	1.18	0.38	0.24	5	38	35	4	Not provided	Level 5	210.6	8.21	0.92	3.80		15.0	33.2	569.7	6.5	10.2	282.2	330.1	1.9	6.8	Type 2	4		
			45.83	None	0.63	0.70									Not provided	Level 5	210.6	8.21	0.92	3.80		11.8	16.1	449.0	6.9	8.6	293.0	239.4	2.1	6.9	4	41.1	41.7	
															Not provided	Level 5	210.6	8.21	0.92	3.80														
	27.67	39.47	33.02		2.40	1.67	0.25	0.35	0.61	0.38	0	55	22	22	Not provided	Level 5	319.5	15.47	1.10	2.73												42.9	45.0	
	14.62	38.26	30.62		1.91	0.35	0.52	0.19	0.37	0.22					Not provided	Level 5	319.5	15.47	1.10	2.73														
															Not provided	Level 5	319.5	15.47	1.10	2.73														
26.01		412.41	27.01	None	1.89	1.25	0.63	0.33	0.55	0.26	2	80	14	0	Not provided	Level 5	292.7	6.89	0.83	3.46													42.9	46.7
			51.38	None	0.13	0.19									Not provided	Level 5	292.7	6.89	0.83	3.46		13.6	54.7	561.3	14.0	3.5	329.0	182.4	2.8	7.8	3			
															Not provided	Level 5	292.7	6.89	0.83	3.46														
23.58		438.32	32.97	None	0.68	1.53	0.41	0.60	0.55	0.51	0	60	14	0	Not provided	Level 5	272.1	22.58	1.22	3.65		18.3	18.5	653.0	18.3	7.0	373.7	355.6	6.1	8.2	Type 1	4		
			52.14	None	0.12	0.18									Not provided	Level 5	272.1	22.58	1.22	3.65													42.5	45.6
															Not provided	Level 5	272.1	22.58	1.22	3.65														
															Not provided	Level 5	272.1	22.58	1.22	3.65														
25.59		428.12	24.72	None	0.74	2.12	0.40	0.25	0.54	0.23	5	69	17	0	Not provided	Level 5	245.7	22.62	0.90	3.79		22.9	121.4	847.7	23.3	1.5	507.2	413.9	2.6	12.3	Type 2			
			55.54	None	0.08	0.22									Not provided	Level 5	245.7	22.62	0.90	3.79													41.5	44.6
															Not provided	Level 5	245.7	22.62	0.90	3.79														
															Not provided	Level 5	245.7	22.62	0.90	3.79														
15.05		452.53	25.96	None	0.14	2.25	0.36	0.27	0.38	0.45	0	82	3	0	Not provided	Level 5	353.8	16.63	1.04	3.62		12.1	39.1	397.8	10.4	5.6	278.6	304.1	1.0	9.1	Type 1			
			53.29	None	0.14	0.22									Not provided	Level 5	353.8	16.63	1.04	3.62													41.6	47.4
															Not provided	Level 5	353.8	16.63	1.04	3.62														
															Not provided	Level 5	353.8	16.63	1.04	3.62														
	26.23	48.47	26.49		1.42	2.05	0.39	0.22	0.52	0.29	0	73	0	0	Not provided	Level 5	269.9	15.54	0.99	3.35												42.6	46.2	
	11.81	35.72	22.32		0.85	0.20	0.31	0.15	0.46	0.33					Not provided	Level 5	269.9	15.54	0.99	3.35														
															Not provided	Level 5	269.9	15.54	0.99	3.35														
26.48		409.33	34.48	None	0.46	0.86	0.47	0.86	0.36	0.22	0	49	40	31	Not provided	Level 5	238.5	5.48	1.09	3.12		38.5	1030.8	732.2	5.0	94.7	566.7	567.8	1.8	25.5	Type 2	4		
			53.76	None	0.80	0.05									Not provided	Level 5	238.5	5.48	1.09	3.12		46.1	1261.0	859.3	8.4	80.0	542.2	443.9	2.1	24.2	4	42.8	45.1	
															Not provided	Level 5	238.5	5.48	1.09	3.12														
	17.77	50.17	30.48		3.47	3.45	0.27	0.26	0.48	0.28	0	46	0	16	Not provided	Level 4	411.0	29.92	0.63	2.89												43.3	48.5	
	10.89	36.78	26.98		0.26	0.18	0.45	0.20	0.40	0.25					Not provided	Level 4	411.0	29.92	0.63	2.89														
															Not provided	Level 4	411.0	29.92	0.63	2.89														
	17.23	411.31	32.42	None	3.60	0.61	0.49	0.30	0.47	0.33	0	62	24	0	Not provided	Level 5	124.5	25.83	0.66	1.95		16.6	0.1	520.8	11.6	0.0	296.8	219.8	2.6	5.8	Type 2	4		
			53.91	None	0.09	0.26									Not provided	Level 5	124.5	25.83	0.66	1.95													43.0	44.9
															Not provided	Level 5	124.5	25.83	0.66	1.95														
															Not provided	Level 5	124.5	25.83	0.66	1.95														
31.99		44.85	30.92		0.23	1.65	0.49	1.84	0.34	0.71	30	55	0	0	Not provided	Level 5	448.4	24.45	1.29	3.54													43.0	50.3
															Not provided	Level 5	448.4	24.45	1.29	3.54														
	9.81	32.24	31.16		2.40	0.57	0.40	0.20	0.42	0.19					Not provided	Level 5	448.4	24.45	1.29	3.54														
															Not provided	Level 5	448.4	24.45	1.29	3.54														
7.79		338.13	23.93	None	0.03	0.09	0.45	0.26	0.30	0.40	0	13	3	18	Not provided	Level 5	223.5	26.18	0.99	2.54		9.7	11.1	363.7	14.3	9.1	200.7	145.4	1.4	3.2	Type 1			
			46.83	None	0.07	0.08									Not provided	Level 5	223.5	26.18	0.99	2.54													43.9	46.6
															Not provided	Level 5	223.5	26.18	0.99	2.54														
															Not provided	Level 5	223.5	26.18	0.99	2.54														
26.59		483.85	31.82	None	0.61	0.80	0.43	0.35	0.35	0.26	0	0	3	17	Provided	Level 5	58.6	24.81	0.68	3.08													42.2	43.0
			39.46	None	0.09	0.06									Provided	Level 5	58.6	24.81	0.68	3.08		25.9	127.5	1054.5	22.2	3.1	570.6	641.2	2.4	17.7	3	42.2	43.0	
															Provided	Level 5	58.6	24.81	0.68	3.08														

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.
 ● indicates the results of rear seat passenger's protection for frontal collision performance test which is operating from 2009.
 Note: Because the weather condition brought the lower road temperature than that which was required for the braking test, there is some possibility that the braking distance is slightly short

Category	Tested year	New Overall Evaluation of Safety Performance	Overall Collision Safety Ratings	Air bag	Seat belt pretensioner	Seat belt force (load) limiter	Full Frontal Collision Test														Passenger protection performance	Head			Neck		
							Head		Neck		Chest		Legs				Body Deformation		Secondary/collision	Injury value [HIC]		Shearing load [kN]	Tensile load [kN]				
							Injury value [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Femur load [kN]		Right tibia	Left tibia	Steering column displacement [mm]	Brake pedal deformation [mm]									
													Right leg	Left leg										Upper TI	Lower TI	Upper TI	Lower TI
Passenger protection performance	Level 4	Level 3	Level 5	Level 4	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5	Level 5									
Passenger Cars	Solio X (SUZUKI) Sold from January 2011 Model: DBA-MA15S Engine displacement: 1,242cc Vehicle weight: 1,030kg Length×Width×Height: 3,710×1,620×1,765mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 165/65R14 79S, YOKOHAMA ASPEC A349 (Weight: 1,231/1,234/1,120)		3★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 4	339.5	0.44	1.81	29.01	438.41	40.53	0.16	1.27	0.46	0.33	0.54	0.20	0	33	63	60	Level 4	372.5	0.28	1.52
	VANGUARD 240S (TOYOTA) Sold from August 2007 Model: DBA-ACA33W Displacement: 2,362cc Weight: 1,590kg Length×Width×Height: 4,570×1,815×1,685mm Minivan, CVT, 4WD, Seating Capacity: 5 Tires: 225/65R17 101S, MICHELIN ENERGY LX4 (Weight: 1,766/1,769/1,649)		6★ 5★	Driver's seat: 6★ Front passenger's seat: 5★	Provided	Provided	Level 5	533.3	0.48	1.58	16.73	45.35 [G-3m/sec]	27.09	3.75	5.48	0.51	0.29	0.40	0.24	0	24	0	17	Level 5	381.0	0.32	1.58
	WISH 1.8S (TOYOTA) Sold from April 2009 Model: DBA-ZGE20W Engine displacement: 1,797cc Vehicle weight: 1,360kg Length×Width×Height: 4,590×1,720×1,590mm Station wagon, CVT, FF, Seating Capacity: 7 Tires: 195/60R16 89H, BRIDGESTONE B250 (Weight: 1,570/1,573/1,448)		6★ 6★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 4	291.7	0.58	1.47	13.08	393.81	30.34	2.46	2.23	0.64	0.36	0.70	0.32	0	0	1	0	Level 5	200.3	0.37	1.23
	Vitz F (TOYOTA) Sold from December 2010 Model: DBA-KSP130 Engine displacement: 996cc Vehicle weight: 970kg Length×Width×Height: 3,885×1,695×1,500mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 165/70R14 81S, YOKOHAMA S73 (Weight: 1,164/1,166/1,049)		4★	Driver's seat: 4★ Front passenger's seat: 4★	Provided	Provided	Level 4	271.3	0.48	1.08	14.77	395.90	31.98	1.04	2.40	0.49	0.28	0.54	0.21	0	0	0	0	Level 5	351.8	0.50	1.29
	VELLFIRE 2.4Z (TOYOTA) Sold from May 2008 Model: DBA-ANH20W Displacement: 2,362cc Weight: 1,890kg Length×Width×Height: 4,865×1,840×1,900mm Minivan, CVT, FF, Seating Capacity: 7 Tires: 235/50R18 97V, TOYO TRANPATH R30 (Weight: 2,106/2,110/1,988)		6★ 6★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 5	403.2	0.48	1.85	21.69	40.16 [G-3m/sec]	24.06	3.08	2.22	0.25	0.21	0.23	0.33	0	0	0	32	Level 5	242.5	0.35	1.79
	COROLLA FIELDER 1.5G (TOYOTA) Sold from June 2012 Model: DBA-NZE161G-AWXEK Engine displacement: 1,496cc Vehicle weight: 1,140kg Length×Width×Height: 4,360×1,695×1,475mm 5-door wagon, CVT, FF, Seating Capacity: 5 Tires: 175/65R15 84H, TOYO J57 (Weight: 1,328/1,339/1,216)		5★	Driver's seat: 5★ Front passenger's seat: 5★	Provided	Provided	Level 4	515.6	0.50	1.40	14.70	506.77	30.51	1.22	2.95	0.58	0.32	0.73	0.38	0	0	0	0	Level 5	387.4	0.56	1.39
	COROLLA RUMION 1.5G (TOYOTA) Sold from October 2007 Model: DBA-NZE151N Displacement: 1,496cc Weight: 1,280kg Length×Width×Height: 4,210×1,760×1,630mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 195/65R15 91S, DUNLOP SP31 (Weight: 1,493/1,494/1,376)		6★ 6★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 5	292.8	0.64	1.48	11.81	37.54 [G-3m/sec]	26.91	4.43	1.84	0.58	0.27	0.34	0.30	0	0	1	0	Level 5	145.2	0.53	1.17
	SPADE F (TOYOTA) Sold from July 2012 Model: DBA-NCP141-BEXFK Engine displacement: 1,496cc Vehicle weight: 1,150kg Length×Width×Height: 3,995×1,695×1,690mm 2BOX, CVT, FF, Seating Capacity: 5 Tires: 175/65R15 84H, DUNLOP ENASAVE EC300 (Weight: 1,358/1,358/1,245)		4★	Driver's seat: 4★ Front passenger's seat: 4★	Provided	Provided	Level 4	278.3	0.52	1.65	33.37	473.48	29.69	2.95	3.16	0.49	0.40	0.29	0.35	0	0	0	0	Level 5	226.8	0.49	1.62
	PASSO 1.0X (TOYOTA) Sold from February 2010 Model: DBA-KGC30 Engine displacement: 966cc Vehicle weight: 910kg Length×Width×Height: 3,640×1,665×1,535mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 155/80R13 79S, FALKEN SINCERA SN-535 (Weight: 1,106/1,107/986)		6★ 6★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 4	480.3	0.58	1.42	33.37	432.15	28.17	1.67	4.95	0.69	0.29	0.44	0.22	0	17	0	0	Level 5	225.2	0.45	1.37
	PASSO 1.0X (with SCA) (TOYOTA) Sold from February 2010 Model: DBA-KGC30 Engine displacement: 996cc Vehicle weight: 910kg Length×Width×Height: 3,640×1,665×1,535mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 155/80R13 79S, FALKEN SINCERA SN-535 (Weight: 1,106/1,107/992)		6★ 6★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 4	480.3	0.58	1.42	33.37	432.15	28.17	1.67	4.95	0.69	0.29	0.44	0.22	0	17	0	0	Level 5	225.2	0.45	1.37
	MARK X 250G Relax Selection (TOYOTA) Sold from October 2009 Model: DBA-GRX130 Engine displacement: 2,499cc Vehicle weight: 1,520kg Length×Width×Height: 4,730×1,795×1,435mm 4 door sedan, 6AT, FR, Seating Capacity: 5 Tires: 215/60R16 95H, TOYO PROXES R30 (Weight: 1,702/1,705/1,585)		6★ 6★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 5	335.1	0.59	1.53	15.06	445.92	28.34	1.74	2.71	0.40	0.51	0.39	0.36	0	0	0	0	Level 5	248.1	0.38	1.57
	Ractis G (TOYOTA) Sold from November 2010 Model: DBA-NCP120 Engine displacement: 1,496cc Vehicle weight: 1,110kg Length×Width×Height: 3,995×1,695×1,585mm 5-door hatchback, CVT, FF, Seating Capacity: 5 Tires: 175/60R16 82H, DUNLOP SP SPORT 2030 (Weight: 1,307/1,308/1,186)		4★	Driver's seat: 4★ Front passenger's seat: 4★	Provided	Provided	Level 4	362.0	0.56	1.31	9.36	469.64	35.43	2.25	3.45	0.48	0.49	0.60	0.37	0	0	0	0	Level 5	259.7	0.39	1.26
	LAND CRUISER PRADO TX (TOYOTA) Sold from December 2010 Model: CBA-TRJ150W Engine displacement: 2,693cc Vehicle weight: 2,080kg Length×Width×Height: 4,760×1,885×1,850mm SUV, 4AT, 4WD, Seating Capacity: 7 Tires: 265/65R17 112S, DUNLOP AT20 GRAND TREK (Weight: 2,275/2,291/2,166)		6★ 6★	Driver's seat: 6★ Front passenger's seat: 6★	Provided	Provided	Level 5	339.5	0.43	1.73	15.45	361.66	28.02	1.62	1.85	0.29	0.26	0.24	0.22	0	0	0	0	Level 5	307.8	0.29	1.29
							Level 5	409.8	0.54	1.44	16.43	449.76	28.24	2.55	0.94	0.41	0.20	0.28	0.39	0	0	0	0	Level 3			2.36

Offset Frontal Collision Test														Side Collision Test					Neck Injury Protection for Rear-end Collision Performance Test								Pedestrian head protection performance test		Pedestrian Legs protection performance test		Brake Test					
Neck		Chest		Legs						Body Deformation		Side curtain air bag	Passenger protection performance	Head injury Rights [HPC]	Chest displacement [mm]	Abdominal load [kN]	Pubis load [kN]	Passenger protection performance	NIC [m ² /s ²]	Upper Neck			Lower Neck				S.F.S. Type	Level	Dry road	Wet road						
Moment of extension [Nm]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Upper displacement on ribs	Femur load [kN]	Right tibia	Left tibia	Steering column deformation [mm]	Brake pedal deformation [mm]	Right leg	Left leg									Upper TI	Lower TI	Upper TI	Lower TI	Rear displacement [mm]	Rear displacement [mm]	Shearing load [N]					Tensile load [N]	Moment of flexion [Nm]	Moment of extension [Nm]	Shearing load [N]	Tensile load [N]	Moment of flexion [Nm]
20.57		392.63	34.75	None	0.03	1.10	0.40	0.50	0.25	0.11	35 48	57 9	Not provided	Level 5	140.1	21.85	0.80	2.31		36.7	697.3	1039.0	9.4	37.8	593.3	690.0	1.2	20.2	Type 2	4						
			49.16	None	0.36	0.33							Provided	Level 5						43.2	384.1	1041.8	9.8	14.4	487.7	334.1	2.5	19.9	3	4.00	43.9	47.4				
	19.38	41.96 (6-3m/sec)	28.90	None	3.73	3.54	0.29	0.20	0.35	0.24	0	34	Provided	Level 5	108.5	12.26	0.70	1.86															43.2 Note	47.4 Note		
	27.05	40.76 (6-3m/sec)	20.34	None	1.72	0.93	0.43	0.30	0.30	0.31			Provided	Level 5																						
17.23		344.05	23.60	None	3.34	0.45	0.25	0.19	0.25	0.16	8 33	78 0	Provided	Level 5	67.6	14.95	0.70	2.15		25.8	22.3	457.0	13.8	14.8	206.1	222.8	1.5	9.5	Type 1	4			41.6	44.7		
			45.98	None	0.12	0.09							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	↑	3.06							
7.86		383.03	31.68	None	2.38	1.35	0.30	0.33	0.42	0.28	0	21	Not provided	Level 5	188.8	20.87	0.74	2.64		12.3	36.5	505.6	6.4	13.2	182.2	233.0	1.6	4.2	Type 1	4			42.3	44.3		
			45.51	None	0.11	0.10							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	3.10	4.00							
	21.78	36.70 (6-3m/sec)	24.43	None	3.54	1.90	0.57	0.82	0.32	0.27	0	40	Provided	Level 5	45.5	8.21	0.30	0.39																41.7	47.1	
	14.31	42.90 (6-3m/sec)	24.30	None	0.65	0.59	0.35	0.25	0.29	0.16			Provided	Level 5																						
7.29		404.13	26.72	None	2.24	0.89	0.34	0.19	0.48	0.79	0	0	Provided	Level 5	114.7	16.90	0.84	2.51		7.1	4.9	345.1	12.9	5.9	160.3	93.2	2.0	1.9	Type 1	4			44.5	46.2		
			32.23	None	0.05	0.08							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	↑	3.23	3.97						
	14.04	35.15 (6-3m/sec)	27.10	None	4.56	0.60	0.26	0.14	0.28	0.33	0	21	Provided	Level 5	147.0	15.70	0.70	1.93																	43.1	45.1
	9.25	26.17 (6-3m/sec)	24.63	None	2.34	0.68	0.19	0.31	0.25	0.22			Provided	Level 5																						
27.41		388.10	22.88	None	3.85	1.67	0.24	0.36	0.39	0.18	21 15	47 0	Not provided	Level 5	244.3	3.56	0.58	2.43		8.0	5.7	219.5	15.2	7.3	112.1	90.1	2.7	0.9	Type 2	4			42.1 Note	43.8 Note		
			45.14	None	0.14	0.15							Provided	Level 5						14.2	10.0	191.3	7.8	13.4	178.4	33.2	3.0	2.8	3.08	4.00						
26.57		372.31	31.05	Yes (right side)	2.28	1.84	0.34	0.19	0.19	0.13	0	0	Not provided	Level 5	286.8	25.96	0.88	3.06		17.5	14.9	358.6	7.6	3.2	211.6	139.6	1.4	5.8	Type 1	4			44.4	49.0		
			52.08	Yes (right side)	0.44	0.12							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	↑	3.18							
26.57		372.31	31.05	Yes (right side)	2.28	1.84	0.34	0.19	0.19	0.13	0	0	Provided	Level 5	157.8	12.95	0.63	2.55		17.5	14.9	358.6	7.6	3.2	211.6	139.6	1.4	5.8	Type 1	4			44.4	49.0		
			52.08	Yes (right side)	0.44	0.12							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	↑	3.18							
16.93		352.25	25.97	None	2.24	2.17	0.27	0.40	0.42	0.50	0	78	Provided	Level 5	46.3	26.85	0.62	2.12		17.4	51.3	774.3	19.4	10.6	432.7	349.1	2.3	11.3	Type 1	4			40.5 Note	42.3 Note		
			41.99	None	0.08	0.04							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	↑	3.21							
9.66		381.07	31.49	None	2.86	1.38	0.27	0.18	0.28	0.38	0	11	Not provided	Level 5	110.6	11.20	0.67	2.58		10.5	0.6	385.8	17.9	3.4	210.9	227.3	1.9	5.7	Type 1	4			42.3	44.0		
			45.45	None	0.07	0.20							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	↑	3.24	3.97						
18.90		373.44	24.59	None	1.27	1.09	0.28	0.33	0.35	0.22	0	39	Provided	Level 5	26.0	9.28	0.22	0.73		14.0	25.3	535.2	22.5	0.0	326.9	203.8	1.2	7.8	Type 2	5			43.0 Note	50.4 Note		
			52.05	None	0.09	0.10							Provided	Level 5						↑	↑	↑	↑	↑	↑	↑	↑	↑	3.49							

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.
 ● indicates the results of rear seat passenger's protection for frontal collision performance test which is operating from 2009.
 Note: Because the weather condition brought the lower road temperature than that which was required for the braking test, there is some possibility that the braking distance is slightly short.

Category	Tested year	New Overall Evaluation of Safety Performance	Overall Collision Safety Ratings	Air bag	Seat belt pretensioner	Seat belt force (load) limiter	Full Frontal Collision Test														Passenger protection performance	Head			Neck		
							Head		Neck		Chest		Legs				Body Deformation		Secondary collision	Injury value [HIC]		Shearing load [kN]	Tensile load [kN]				
							Injury value [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Femur load [kN]		Right tibia		Left tibia							Steering column displacement [mm]	Brake pedal deformation [mm]		
													Right leg	Left leg	Upper TI	Lower TI	Upper TI	Lower TI								Upper displacement	Lower displacement
Passenger Cars	'12	4★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	245.2	0.49	1.13	13.20	458.09	26.11	0.53	0.34	0.49	0.24	0.48	0.53	0	7	0	Level 5	306.9	0.54	2.51	
							Level 4	252.2	0.62	0.98	20.70	451.53	26.11	1.14	0.53	0.64	0.28	0.58	0.44								Level 4
	'11	5★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 5	416.4	0.59	0.85	19.64	389.79	25.35	0.78	2.74	0.48	0.26	0.30	0.14	0	68	0	Level 5	242.5	0.36	0.72	
							Level 5	222.2	0.47	0.89	31.01	325.85	24.77	2.82	1.90	0.55	0.40	0.47	0.21							Level 4	None
	'09	6★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	521.8	0.86	1.61	33.66	422.68	32.04	0.37	0.87	0.60	0.47	0.35	0.34	0	27	0	Level 5	264.6	0.50	1.35	
							Level 5	399.0	0.47	1.26	44.28	390.72	28.27	1.15	1.92	0.55	0.55	0.60	0.48							Level 3	None
	'10	6★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	560.0	0.58	1.11	10.35	445.34	26.42	0.10	0.93	0.64	0.30	0.40	0.19	0	0	0	Level 5	318.9	0.33	1.03	
							Level 4	539.5	0.47	0.86	14.33	493.15	25.94	0.91	0.55	0.66	0.18	0.61	0.28							Level 3	None
	'10	6★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	662.0	0.45	2.05	16.03	464.56	32.83	0.49	0.43	0.36	0.23	0.29	0.30	0	26	29	Level 5	390.2	0.66	1.61	
							Level 4	533.7	0.54	1.43	29.36	469.26	22.13	3.79	1.48	0.50	0.44	0.36	0.33							Level 4	None
	'08	6★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	414.1	0.86	1.43	10.38	52.08 [G-3m/sec]	29.03	0.02	0.26	0.60	0.40	0.60	0.39	0	0	0	Level 5	246.1	0.74	1.13	
							Level 4	476.5	0.45	0.84	12.39	49.98 [G-3m/sec]	25.24	2.18	1.13	0.58	0.36	0.52	0.32							Level 5	256.4
	'12	4★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 5	351.8	0.52	1.46	9.97	447.97	30.17	0.23	0.61	0.50	0.28	0.34	0.21	0	20	0	Level 5	166.2	0.27	1.60	
							Level 5	452.9	0.80	1.00	24.75	428.22	24.17	3.47	1.04	0.29	0.16	0.35	0.23							Level 3	None
	'10	5★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	353.0	0.47	1.81	23.20	459.89	36.62	0.55	1.49	0.45	0.46	0.40	0.28	0	5	12	Level 5	160.7	0.41	1.39	
Level 4							412.3	0.63	1.10	25.75	490.32	29.50	1.47	1.72	0.36	0.23	0.40	0.27							Level 3	None	
'12	4★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	373.0	0.51	1.50	13.16	434.04	33.60	0.35	1.06	0.38	0.20	0.50	0.33	0	33	0	Level 4	145.0	0.45	1.42		
						Level 5	343.4	0.99	0.90	25.10	435.95	25.04	0.98	0.84	0.53	0.38	0.30	0.22							Level 3	None	
'12	5★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	451.6	0.60	1.61	9.38	489.41	30.78	0.51	0.16	0.54	0.19	0.38	0.39	0	25	18	Level 5	368.4	0.96	2.04		
						Level 4	600.7	1.12	1.36	25.06	472.30	33.24	1.23	1.38	0.57	0.23	0.48	0.18							Level 4	None	
'12	5★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 4	451.6	0.60	1.61	9.38	489.41	30.78	0.51	0.16	0.54	0.19	0.38	0.39	0	25	18	Level 5	368.4	0.96	2.04		
						Level 4	600.7	1.12	1.36	25.06	472.30	33.24	1.23	1.38	0.57	0.23	0.48	0.18							Level 4	None	
'08	6★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 5	397.5	0.62	0.95	33.65	38.37 [G-3m/sec]	22.94	0.36	0.86	0.40	0.29	0.58	0.26	0	19	0	Level 5	232.0	0.31	1.19		
						Level 5	152.6	0.62	1.02	27.06	37.53 [G-3m/sec]	22.39	2.28	0.82	0.39	0.37	0.46	0.21							Level 5	222.1	0.77
'08	6★	Driver's seat: Impreza's seat	Provided	Provided	Provided	Level 5	418.7	0.68	0.74	8.91	37.31 [G-3m/sec]	22.05	0.38	0.48	0.40	0.37	0.43	0.52	0	22	14	Level 5	256.5	0.31	1.18		
						Level 5	183.6	0.59	1.04	20.00	37.03 [G-3m/sec]	21.93	1.55	0.72	0.42	0.47	0.38	0.21							Level 5	198.9	0.69

Offset Frontal Collision Test													Side Collision Test				Neck Injury Protection for Rear-end Collision Performance Test								Pedestrian head protection performance test		Pedestrian Legs protection performance test		Brake Test			
Neck		Chest		Legs						Body Deformation		Side curtain air bag	Passenger protection performance	Head injury Rights [HPC]	Chest displacement [mm]	Abdominal load [kN]	Pubis load [kN]	Passenger protection performance	NIC [m ² /s ²]	Upper Neck			Lower Neck				S.F.S. Type	Level	Dry road	Wet road		
Moment of extension [Nm]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Upper displacement on ribs	Femur load [kN]	Right tibia	Left tibia	Steering column acceleration [mm]	Brake pedal deformation [mm]	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Shearing load [N]	Tensile load [N]	Moment of flexion [Nm]	Moment of extension [Nm]	Shearing load [N]	Tensile load [N]	Moment of flexion [Nm]	Moment of extension [Nm]	Total score	Total score	Stopping distance [m]	Stopping distance [m]			
9.28		400.85	25.88	None	0.26	0.25	0.46	0.38	0.56	0.49	0	33	0	0	0	0	0	Level 2	16.3	0.0	489.0	23.1	0.0	256.4	216.4	1.4	6.5	Type 1	4			
			35.01	None	0.01	0.01												Level 2	↑	↑	↑	↑	↑	↑	↑	↑	4		39.6	41.0		
				None																												
19.84		356.01	20.68	None	0.62	0.57	0.36	0.17	0.41	0.15	0	55	4	0	33	5	4	Level 2	15.1	2.4	323.6	18.0	3.3	189.9	104.3	2.3	3.1	Type 2	4		40.5	43.4
			39.72	None	0.14	0.17													Level 2	↑	↑	↑	↑	↑	↑	↑	↑	4		Note	Note	
				None																												
8.83		375.36	27.71	None	0.30	0.42	0.38	0.38	0.22	0.36	6	22	0	0	0	0	0	Level 2	12.9	5.1	363.5	8.4	12.5	123.0	115.7	5.6	0.5	Type 2				
			51.27	None	0.16	0.02													Level 2	18.3	6.0	491.0	17.8	11.4	252.7	213.4	6.2	6.8	3		45.6	50.0
				None																												
5.50		377.57	24.89	None	0.03	0.44	0.36	0.24	0.44	0.23	0	0	0	0	0	0	0	Level 2	13.4	6.8	315.4	12.0	14.7	129.3	114.4	3.7	1.6	Type 2				
			51.26	None	0.04	0.09													Level 2	↑	↑	↑	↑	↑	↑	↑	↑	5		43.5	47.7	
				None																												
27.52		433.84	24.83	None	1.05	1.14	0.47	0.53	0.31	0.29	21	110	48	22	0	0	0	Level 2	11.9	23.4	359.4	25.5	2.6	213.8	105.7	1.3	5.4	Type 2				
			36.65	None	0.07	0.11													Level 2	↑	↑	↑	↑	↑	↑	↑	↑	4		42.9	45.3	
				None																												
	9.90	39.50 (G-3m/sec)	25.32	None	0.12	0.10	0.34	0.23	0.57	0.77	0	0	0	0	0	0	0	Level 2														
	7.82	34.38 (G-3m/sec)	22.41	None	0.03	0.01	0.31	0.11	0.33	0.13									Level 2									4		41.6	45.8	
				None																												
18.24		379.84	21.68	None	0.43	1.44	0.30	0.22	0.46	0.18	19	39	27	0	0	0	0	Level 5	12.0	2.1	531.5	6.4	7.4	217.9	274.9	2.4	5.0	Type 1	4			
			48.33	None	0.06	0.06													Level 3	13.3	1.7	457.9	22.3	5.4	260.1	169.7	2.3	6.5	4		42.9	44.2
				None																												
19.50		409.32	25.56	None	0.48	2.30	0.32	0.55	0.53	0.22	6	117	42	0	0	0	0	Level 5	15.0	13.2	711.5	16.5	2.5	357.2	331.3	1.6	7.7	Type 1				
			43.97	None	0.02	0.06													Level 5	↑	↑	↑	↑	↑	↑	↑	↑	4		41.5	44.8	
				None																												
24.95		375.95	21.44	None	0.56	5.33	0.49	0.37	1.29	0.30	51	74	12	0	0	0	0	Level 4	12.4	1.1	368.5	16.2	4.2	226.4	180.6	1.2	6.0	Type 1	4		42.6	43.7
			42.67	None	0.07	0.01													Level 4	↑	↑	↑	↑	↑	↑	↑	↑	4		Note	Note	
				None																												
7.59		400.03	30.20	None	0.42	0.13	0.38	0.42	0.53	0.59	0	36	0	0	0	0	0	Level 5	12.6	0.2	219.0	7.6	9.9	107.0	35.4	2.7	0.3	Type 1	4			
			35.86	None	0.07	0.10													Level 5	↑	↑	↑	↑	↑	↑	↑	↑	5		42.1	43.5	
				None																												
7.59		400.03	30.20	None	0.42	0.13	0.38	0.42	0.53	0.59	0	36	0	0	0	0	0	Level 5	12.6	0.2	219.0	7.6	9.9	107.0	35.4	2.7	0.3	Type 1	4			
			35.86	None	0.07	0.10													Level 5	↑	↑	↑	↑	↑	↑	↑	↑	5		42.1	43.5	
				None																												
	10.41	34.65 (G-3m/sec)	21.11	None	0.22	2.24	0.51	0.37	0.94	0.63	0	31	0	0	0	0	0	Level 5										Type 1				
	23.45	38.88 (G-3m/sec)	21.42	None	1.86	0.54	0.39	0.31	0.36	0.29									Level 5									5		40.3	48.1	
				None																												
13.90		35.25 (G-3m/sec)	22.61	None	0.21	0.12	0.34	0.80	0.35	0.33	0	26	0	0	0	0	0	Level 5										Type 2				
	19.92	34.17 (G-3m/sec)	17.12	None	0.81	0.10	0.35	0.31	0.37	0.28									Level 5									5		42.7	46.0	
				None																												

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.
 ● indicates the results of rear seat passenger's protection for frontal collision performance test which is operating from 2009.
 Note: Because the weather condition brought the lower road temperature than that which was required for the braking test, there is some possibility that the braking distance is slightly short.

Category	Tested year	New Overall Evaluation of Safety Performance	Overall Collision Safety Ratings	Air bag	Seat belt pretensioner	Seat belt force (load) limiter	Full Frontal Collision Test														Passenger protection performance	Head			Secondary collision		
							Head		Neck		Chest		Legs				Body Deformation		Injury value [HIC]	Shearing load [kN]		Tensile load [kN]					
							Injury value [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]	Femur load [kN]		Right tibia	Left tibia	Steering column displacement [mm]	Brake pedal deformation [mm]									
													Right leg	Left leg									Upper TI	Lower TI		Upper TI	Lower TI
Upper displacement	Lower displacement	Upper displacement	Lower displacement																								
Passenger Cars	'08	★	6★	Provided	Provided	Provided	Level 5	325.9	0.58	0.77	31.23	43.45 [G-3m/sec]	26.44	0.84	0.87	0.59	0.25	0.68	0.25	0	5	4	Level 5	489.5	0.79	1.28	
							Level 5	389.3	0.49	1.05	27.64	41.14 [G-3m/sec]	26.25	1.27	0.96	0.26	0.22	0.35	0.14	Level 5	620.5	0.90	1.76				
	'08	★	6★+	Provided	Provided	Provided	Level 5	325.9	0.58	0.77	31.23	43.45 [G-3m/sec]	26.44	0.84	0.87	0.59	0.25	0.68	0.25	0	5	4	Level 5	489.5	0.79	1.28	
							Level 5	389.3	0.49	1.05	27.64	41.14 [G-3m/sec]	26.25	1.27	0.96	0.26	0.22	0.35	0.14	Level 5	620.5	0.90	1.76				
	'12	★	5★	Provided	Provided	Provided	Level 5	236.2	0.51	0.70	8.38	383.57	22.58	0.25	0.23	0.48	0.19	0.42	0.30	0	3	3	Level 5	342.4	0.47	1.54	
							Level 5	255.7	0.53	1.01	25.10	426.65	24.92	0.39	1.05	0.42	0.21	0.43	0.20	Level 4	None		2.35				
	'09	★	6★	Provided	Provided	Provided	Level 5	387.5	0.63	1.24	12.72	377.94	25.21	3.79	3.73	0.50	0.31	0.32	0.14	0	0	12	25	Level 5	267.3	0.53	0.88
							Level 5	381.6	0.32	1.13	23.92	398.04	28.18	1.10	0.46	0.32	0.25	0.39	0.13	Level 3	None		2.51				
	'09	★	6★+	Provided	Provided	Provided	Level 5	387.5	0.63	1.24	12.72	377.94	25.21	3.79	3.73	0.50	0.31	0.32	0.14	0	0	12	25	Level 5	267.3	0.53	0.88
							Level 5	381.6	0.32	1.13	23.92	398.04	28.18	1.10	0.46	0.32	0.25	0.39	0.13	Level 5	None		2.51				
	'08	★	6★	Provided	Provided	Provided	Level 4	386.2	0.60	1.49	32.61	52.85 [G-3m/sec]	26.29	2.39	4.62	0.37	0.22	0.55	0.35	0	0	49	0	Level 5	268.6	0.43	1.41
							Level 4	365.0	0.54	1.08	12.85	47.96 [G-3m/sec]	28.75	1.61	1.90	0.23	0.32	0.31	0.30	Level 5	266.1	0.53	0.91				
'12	★	5★	Provided	Provided	Provided	Level 5	254.7	0.39	0.77	26.88	344.83	23.64	0.46	2.61	0.66	0.36	0.49	0.27	0	0	29	14	Level 5	231.5	0.34	1.09	
						Level 5	359.8	0.68	0.74	10.55	419.67	19.78	1.95	3.17	0.43	0.25	0.51	0.35	Level 4	None		1.53					
'09	★	5★	Provided	Provided	Provided	Level 5	379.9	0.51	0.75	9.75	386.13	25.25	0.33	0.37	0.47	0.20	0.37	0.40	0	0	18	0	Level 5	259.3	0.56	1.19	
						Level 5	247.2	0.54	0.80	21.60	403.90	21.74	1.26	0.49	0.35	0.26	0.37	0.14	Level 3	None		2.78					
'09	★	6★+	Provided	Provided	Provided	Level 5	379.9	0.51	0.75	9.75	386.13	25.25	0.33	0.37	0.47	0.20	0.37	0.40	0	0	18	0	Level 5	259.3	0.56	1.19	
						Level 5	247.2	0.54	0.80	21.60	403.90	21.74	1.26	0.49	0.35	0.26	0.37	0.14	Level 3	None		2.78					
'08	★	5★	Provided	Provided	Provided	Level 5	431.5	0.44	1.52	13.12	40.71 [G-3m/sec]	25.00	0.67	1.32	0.49	0.29	0.30	0.44	0	0	0	0	Level 5	259.8	0.45	1.12	
						Level 5	403.0	0.41	1.28	39.32	38.85 [G-3m/sec]	20.96	1.75	1.28	0.45	0.36	0.34	0.28	Level 5	256.2	0.54	0.76					
'08	★	6★	Provided	Provided	Provided	Level 5	224.2	0.51	1.24	24.09	39.01 [G-3m/sec]	27.10	0.70	2.40	0.38	0.18	0.27	0.21	0	0	65	27	Level 4	307.2	0.40	1.61	
						Level 5	267.4	0.61	0.80	12.82	39.01 [G-3m/sec]	26.74	1.04	0.89	0.27	0.19	0.45	0.20	Level 5	188.2	0.55	0.94					
'10	★	6★	Provided	Provided	Provided	Level 5	383.9	0.34	1.32	12.59	380.35	27.65	0.57	0.84	0.40	0.50	0.41	0.21	0	0	48	13	Level 4	347.6	0.52	1.19	
						Level 5	428.2	0.52	1.34	25.02	418.07	26.67	1.05	1.55	0.32	0.16	0.33	0.17	Level 4	None		2.33					
'12	★	5★	Provided	Provided	Provided	Level 5	249.6	0.63	1.04	6.28	378.74	25.40	0.46	0.28	0.65	0.44	0.37	0.39	0	0	0	0	Level 5	116.7	0.40	0.86	
						Level 5	360.7	0.38	0.83	18.07	389.77	25.54	2.22	0.36	0.58	0.52	0.34	0.19	Level 4	None		2.04					

Category	Tested year	New Overall Evaluation of Safety Performance	Overall Collision Safety Ratings	Air bags	Seat belt pretensioner	Seat belt force (load) limiter	Full Frontal Collision Test														Passenger protection performance	Head		Neck			
							Head		Neck		Chest		Legs				Body Deformation		Secondary collision	Injury value [HIC]		Shearing load [kN]	Tensile load [kN]				
							Injury value [HIC]	Shearing load [kN]	Tensile load [kN]	Moment of extension [Nm]	Resultant acceleration [m/s ² , 3m/sec]	Chest displacement [mm]	Femur load [kN]		Right tibia		Left tibia							Steering column displacement [mm]	Brake pedal deformation [mm]		
													Right leg	Left leg	Upper TI	Lower TI	Upper TI	Lower TI								Rear displacement [mm]	Rear displacement [mm]
Passenger Cars	'12	5★	Driver's seat: <small>Impaired</small>	Provided	Provided	Provided	Level 5	256.9	0.69	1.23	19.70	381.20	24.56	1.50	1.58	0.43	0.29	0.58	0.29	0	22	21	Level 5	None	168.7	0.49	0.95
							Level 5	232.6	0.45	0.84	8.39	393.89	25.96	1.40	0.87	0.48	0.24	0.47	0.29								Level 5
	'10	6★	Driver's seat: <small>Impaired</small>	Provided	Provided	Provided	Level 5	417.2	0.68	1.34	12.98	369.75	28.59	1.75	1.62	0.44	0.23	0.62	0.27	0	62	33	Level 5	None	274.5	0.32	1.35
							Level 5	317.6	0.56	1.00	12.53	434.24	31.63	0.46	0.69	0.51	0.25	0.44	0.18								Level 3
	'11	4★	Driver's seat: <small>Impaired</small>	Provided	Provided	Provided	Level 3	654.3	0.56	1.93	22.84	546.34	36.66	0.90	0.93	0.80	0.40	0.55	0.89	0	58	0	Level 4	None	480.7	0.66	1.55
							Level 4	431.6	0.69	1.64	35.38	516.40	34.35	1.77	1.13	0.47	0.51	0.47	0.23								Level 4
'11	4★	Driver's seat: <small>Impaired</small>	Provided	Provided	Provided	Level 4	471.3	1.01	1.00	13.86	455.60	30.26	1.09	0.66	0.52	0.45	0.56	0.30	0	11	1	Level 4	Provided	330.2	1.07	1.13	
						Level 5	516.2	1.30	1.47	37.64	416.92	27.23	1.73	0.44	0.52	0.27	0.51	0.17								Level 3	Provided
'11	3★	Driver's seat: <small>Impaired</small>	Provided	Provided	Provided	Level 1	897.8	0.92	2.41	15.98	523.54	22.67	3.24	4.87	0.65	1.07	0.98	0.54	0	20	1	Level 4	None	585.3	0.89	1.64	
						Level 2	676.1	0.36	1.69	42.57	588.11	25.09	2.20	0.67	0.82	0.73	0.86	0.52								Level 3	None
'10	6★+	Driver's seat: <small>Impaired</small>	Provided	Provided	Provided	Level 4	372.7	0.49	1.50	17.96	482.18	30.56	0.52	3.13	0.48	0.76	0.45	0.43	0	39	0	Level 5	None	291.5	0.56	1.40	
						Level 4	614.3	0.60	1.22	14.18	432.95	25.44	3.40	1.32	0.55	0.36	0.67	0.33								Level 4	None
Commercial Vehicles	'09	6★	Driver's seat: <small>Impaired</small>	Provided	Provided	Level 4	492.4	0.35	1.81	24.96	393.34	32.78	0.57	2.41	0.51	0.27	0.28	0.12	0	31	31	Level 5	None	314.1	0.32	1.26	
						Level 4	544.8	1.66	2.33	36.83	517.12	33.00	2.04	0.70	0.40	0.32	0.43	0.28								Level 5	[264.3]

Offset Frontal Collision Test														Side Collision Test				Neck Injury Protection for Rear-end Collision Performance Test								Protection head protection performance test		Protection Legs protection performance test		Brake Test		
Neck		Chest		Upper abdomen (mm)	Legs				Body Deformation		Side curtain air bag	Passenger protection performance	Head injury Rights [HPC]	Chest displacement [mm]	Abdominal load [kN]	Pubis load [kN]	Passenger protection performance	NIC [m ² /s ²]	Upper Neck				Lower Neck				S.F.S. Type	Level	Dry road	Wet road		
Moment of extension [Nm]	Moment of extension [Nm]	Resultant acceleration [m/s ² -3m/sec]	Chest displacement [mm]		Right leg	Left leg	Upper TI	Lower TI	Upper TI	Lower TI									Steering column acceleration [mm]	Brake pedal deformation [mm]	Shearing load [N]	Tensile load [N]	Moment of flexion [Nm]	Moment of extension [Nm]	Shearing load [N]	Tensile load [N]					Moment of flexion [Nm]	Moment of extension [Nm]
8.86		351.01	25.19	None	0.98	0.96	0.55	0.37	0.30	0.29	0	83	Provided	Level 5	67.1	3.49	0.62	2.45	Level 4	13.9	0.0	543.7	14.9	5.0	243.5	233.1	1.9	5.0	Type 2	4	41.1 Note	43.0 Note
			33.21		0.15	0.17																							↑			
11.67		408.53	28.62	None	1.59	1.27	0.41	0.49	0.45	0.16	0	88	Not provided	Level 5	70.9	13.56	0.83	2.52	Level 4	14.1	15.7	457.1	25.7	1.8	279.1	142.0	1.0	7.8	Type 2	4	40.8	42.9
			44.90		0.12	0.17																							↑			
	27.60	434.64	30.78	None	0.42	0.73	0.41	0.55	0.59	0.80	14	45	Provided	Level 4	124.7	27.50	1.57	2.51	Level 4	19.3	97.3	469.4	15.3	6.6	353.5	258.0	1.4	15.0	Type 1	4	38.1 Note	40.1 Note
			35.29		0.01	0.11																							↑			
6.21		431.91	26.85	None	0.21	0.93	0.35	0.46	0.68	0.30	0	12	Provided	Level 5	64.4	24.56	0.45	1.33	Level 4	19.4	13.5	684.4	26.0	0.0	362.7	292.7	1.7	9.0	Type 1	4	37.7 Note	40.2 Note
12.82			41.06		0.02	0.02																							↑			
41.83		421.92	26.96	None	1.12	1.77	0.46	0.74	0.42	0.98	0	8	Provided	Level 5	108.9	21.70	1.04	2.82	Level 4	24.5	84.9	668.8	23.9	3.2	469.5	338.1	1.5	18.0	Type 1	4	41.4	43.5 Note
			45.35		0.89	0.16																							↑			
14.61		433.87	24.76	None	0.32	1.63	0.50	0.29	0.35	0.25	0	48	Provided	Level 5	114.7	19.77	0.94	2.12	Level 4	15.4	78.8	461.8	22.5	5.8	356.1	165.5	0.9	11.8	Type 1	2	39.5 Note	40.8 Note
			39.34		0.10	0.04																							↑			
11.79		342.60	30.65	None	1.95	0.49	0.37	0.20	0.36	0.21	14	75	Not provided	Level 5	192.4	2.28	0.56	2.77	Level 4	16.6	75.1	650.8	22.1	5.2	380.3	302.5	4.7	13.4	Type 2	4	50.0	59.6
[7.87]		[318.83]	[32.15]		[0.85]	[0.27]	[0.25]	[0.25]	[0.20]	[0.21]																			↑			

● All test vehicles are equipped with ABS. ● There were no test vehicles that went beyond the 3.5-meter line during braking.
 ● [] indicates the results of rear seat passenger's protection for frontal collision performance test which is operating from 2009.
 Note: Because the weather condition brought the lower road temperature than that which was required for the braking test, there is some possibility that the braking distance is slightly short.

1-2 Test results of the past (rear passenger's seat belt usability evaluation tests)

◇ FY2009-2012 test results

Category	Test vehicle	Radar chart		Accessibility of seat belt [mm] Designed standard position The most forward sitting position	Identification of buckle	Insertability of buckle into tongue	Comfortability when wearing seat belt [N]		Rear seat	
		Front passenger's seat	Driver's seat				50mm Designed standard position The most forward sitting position	25mm Designed standard position The most forward sitting position	Center seat	Remarks
Electric vehicles, etc.	NISSAN LEAF			176	b	f & g	7.4	2.1	Three point seat belt	
		↑	↑	↑	↑	↑				
	TOYOTA AQUA			171	b	f & g	6.9	1.2	Three point seat belt	
		↓	↓	↓	↓	↓				
	TOYOTA PRIUS			175	↓	f & g	3.6	1.8	Three point seat belt	
		180	b	f & g	3.6	1.7				
	TOYOTA PRIUS α			253 / 406	b	f & g	6.7 / 9.3	1.6 / 1.7	Three point seat belt	
		↓	↓	↓	↓	↓				
	TOYOTA SAI			153	b	f & g	6.6	1.3	Three point seat belt	There is a possibility that the rear center seat passenger's buckle is not visible when three passengers are aboard, in case that the buckle is not returned to the storage position after being pulled out.
		↑	↑	↑	↑	↑				
LEXUS CT200h			178	b	f & g	5.7	1.4	Three point seat belt		
	↓	↓	↓	↓	↓					
HONDA INSIGHT			225	↓	f & g	4.1	1.5	Three point seat belt	There is a possibility that the rear center seat passenger's buckle is not visible when three passengers are aboard.	
	216	b	f & g	3.8	1.7					
HONDA CR-Z			228	b	f & g	4.8	1.8	-		
	↓	↓	↓	↓	↓					
Mini-sized Cars	SUZUKI ALTO			263	b	f & g	9.6	1.7	-	The instruction manual does not include a precaution for when the seat belt stays around the back of the hook of rear seat backrest.
		↓	↓	↓	↓	↓				

Arrow indicates the same result with the one the arrow points to due to symmetric seat belt position, etc.

※1 Radar chart

Radar charts show evaluation levels of accessibility of seat belt, identification of buckle, insertability of buckle into the tongue and Comfortability when wearing seat belt on a scale of one to three. The higher evaluation level is, the better seat belt usability becomes. Red and blue lines show evaluation levels when the seat position is normal and moved forward respectively.

※2 Identification of buckle

- a: There is no need to use buckles separately.
- b: Buckles can be identified by the direction or layout.
- c: Buckles can be identified by the appearance (incuse is not judged as identifiable).
- d: Above conditions are not applicable but buckles do not intersect one another.
- e: Any of the above conditions are not applicable.

※3 Insertability of buckle

- f: The buckle can be inserted in one hand.
- g: The buckle can be easily inserted with natural one-way movement (buckle can be held upward).
- h: The buckle can be inserted in one hand if the fingers holding the tongue support the buckle.
- i: The buckle can be easily inserted (buckle can be held upward).
- j: There is a holding function.

Category	Test vehicle	Radar chart		Accessibility of seat belt [mm] Designed standard position The most forward sitting position	Identification of buckle	Insertability of buckle into tongue	Comfortability when wearing seat belt [N]		Rear seat	
		Front passenger's seat	Driver's seat				50mm Designed standard position The most forward sitting position	25mm Designed standard position The most forward sitting position	Center seat	Remarks
Mini-sized Cars	SUZUKI WAGON R			↓	↓	↓	↓	↓	-	
				204 / 324	b	f & g	6.0 / 8.6	1.5 / 1.7		
	DAIHATSU TANTO Exe			↓	↓	↓	↓	↓	-	
				237 / 460	b	f & g	7.4 / 10.2	1.6 / 2.0		
	DAIHATSU Mira e:S			↓	↓	↓	↓	↓	-	
				199	b	f & g	6.1	1.0		
	DAIHATSU Mira cocoa			↓	↓	↓	↓	↓	-	
				195	b	f & g	6.7	1.6		
	DAIHATSU MOVE			↓	↓	↓	↓	↓	-	
				207 / 385	b	f & g	6.6 / 9.6	2.1 / 2.7		
NISSAN Moco			↓	↓	↓	↓	↓	-		
			210 / 332	b	f & g	7.5 / 10.3	1.3 / 1.3			
HONDA N BOX			↓	↓	↓	↓	↓	-		
			173	b	f & g	5.5	1.2			
Passenger Cars	SUZUKI SWIFT			182	b	f & g	7.7	1.3	Two point seat belt	
				↑	↑	↑	↑	↑		
	SUZUKI SPLASH			↓	↓	↓	↓	↓	Three point seat belt	There is a possibility that the rear center seat passenger's buckle is not visible when three passengers are aboard.
				182	e	f	10.6	2.6		

Category	Test vehicle	Radar chart		Accessibility of seat belt [mm] Designed standard position The most forward sitting position	Insertability of buckle	Insertability of buckle into tongue	Comfortability when wearing seat belt [N]		Rear seat	
		Front passenger's seat	Driver's seat				50mm	25mm	Center seat	Remarks
							Designed standard position The most forward sitting position	Designed standard position The most forward sitting position		
Passenger Cars	SUZUKI Solio			↓	↓	↓	↓	↓	Three point seat belt When three persons take a backseat after the buckle for rear center seats had been outside suitable, there is a possibility that the buckle concerned may disappear.	
				260 / 389	b	f & g	8.4 / 9.8	1.9 / 2.1		
	TOYOTA WISH			↓	b	f & g	6.6 / 6.2	2.2 / 2.4	Two point seat belt	-
				↓	↑	f & g	6.3 / 7.7	2.0 / 2.8		
				320 / 444						
				320 / 438						
	TOYOTA Vitz			↓	↓	↓	↓	↓	Two point seat belt	
				172	b	f & g	6.0	1.8		
	TOYOTA COROLLA FIELDER			↓	↓	↓	↓	↓	Three point seat belt	There is a possibility that the rear center seat passenger's buckle is not visible when three passengers are aboard.
	TOYOTA SPADE			↓	↓	↓	↓	↓	Three point seat belt	
TOYOTA PASSO			↓	↓	f & g	10.3	1.9	Two point seat belt		
			205							
TOYOTA MARK X			↓	b	f & g	6.1	1.7	Three point seat belt		
			137	↑	↑	↑	↑			
TOYOTA Ractis			↓	↓	↓	↓	↓	Two point seat belt		
			385	b	f & g	8.8	1.4			

Arrow indicates the same result with the one the arrow points to due to symmetric seat belt position, etc.

※1 Radar chart

Radar charts show evaluation levels of accessibility of seat belt, identification of buckle, insertability of buckle into the tongue and Comfortability when wearing seat belt on a scale of one to three. The higher evaluation level is, the better seat belt usability becomes. Red and blue lines show evaluation levels when the seat position is normal and moved forward respectively.

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- g: The buckle can be easily inserted with natural one-way movement (buckle can be held upward).
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- j: There is a holding function.

Category	Test vehicle	Radar chart		Accessibility of seat belt [mm] Designed standard position The most forward sitting position	Identification of buckle	Insertability of buckle into tongue	Comfortability when wearing seat belt [N]		Rear seat	
		Front passenger's seat	Driver's seat				50mm Designed standard position The most forward sitting position	25mm Designed standard position The most forward sitting position	Center seat	Remarks
Passenger Cars	TOYOTA LAND CRUISER PRADO	Second row seat	Second row seat	165 / 262	↓	f & g	3.8 / 6.2	0.9 / 1.3	Three point seat belt	
		Third row seat	Third row seat	171	↓	f & g	6.0	1.8		
		Second row seat (front passenger side)	Second row seat (front passenger side)	165 / 258	b	f & g	3.5 / 6.6	0.8 / 1.4		
		Third row seat (front passenger side)	Third row seat (front passenger side)	181	b	f & g	6.2	1.9		
	TOYOTA 86	Second row seat	Second row seat	↓	↓	↓	↓	↓	-	
		Second row seat (front passenger side)	Second row seat (front passenger side)	171	b	f & g	7.2	1.4		
	NISSAN ELGRAND	Second row seat	Second row seat	↓	↓	↓	↓	↓	-	
		Third row seat	Third row seat	255	b	f & g	10.9	1.8		
		Second row seat (front passenger side)	Second row seat (front passenger side)	195 / 458	b	f & g	6.9 / 11.8	1.4 / 2.2		
		Third row seat (front passenger side)	Third row seat (front passenger side)	↑	↑	↑	↑	↑		
	NISSAN CUBE	Second row seat	Second row seat	153 / 254	↓	f & g	2.6 / 4.1	0.7 / 1.3	Three point seat belt	
		Second row seat (front passenger side)	Second row seat (front passenger side)	161 / 250	b	f & g	3.2 / 4.7	0.9 / 1.6		
	NISSAN JUKE	Second row seat	Second row seat	191	b	f & g	8.9	2.2	Three point seat belt	
		Second row seat (front passenger side)	Second row seat (front passenger side)	↑	↑	↑	↑	↑		
	NISSAN SERENA	Second row seat	Second row seat	286 / 434	↓	f & g	7.8 / 9.4	1.8 / 2.1	Two point seat belt	
		Third row seat	Third row seat	262	b	f & g	9.0	2.4		
		Second row seat (front passenger side)	Second row seat (front passenger side)	284 / 455	b	f & g	7.7 / 9.9	2.2 / 2.4		
		Third row seat (front passenger side)	Third row seat (front passenger side)	↑	↑	↑	↑	↑		

Category	Test vehicle	Radar chart				Accessibility of seat belt [mm] Designed standard position The most forward sitting position	Identification of buckle	Insertability of buckle into tongue	Comfortability when wearing seat belt [N]		Rear seat	
		Front passenger's seat		Driver's seat					50mm	25mm	Center seat	Remarks
		Accessibility	Insertability	Identification	Comfortability				Accessibility	Insertability		
Passenger Cars	NISSAN NOTE					↓	↓	↓	↓	↓	Three point seat belt	
						192	b	f & g	10.6	1.6		
	NISSAN MARCH					↓	b	f & g	10.5	1.3	Three point seat belt	
						↑	↑	↑	↑	↑		
	NISSAN LATIO					↓	↓	↓	↓	↓	Three point seat belt	
						157	b	f & g	7.5	1.5		
	SUBARU IMPREZA					↓	↓	↓	↓	↓	Three point seat belt	
						220	b	f & g	4.4	1.7		
	SUBARU LEGACY					↓	↓	f & g	4.7	1.6	Three point seat belt	
						191	b	f & g	5.9	1.8		
HONDA STEP WGN	Second row seat 		Second row seat 		227 / 369	b	f&g	6.3 / 8.2	1.1 / 1.5	Two point seat belt		
	Third row seat 		Third row seat 		215 / 374	↑	f&g	6.8 / 9.1	1.3 / 1.5			
					247	b	f&g	6.8	1.7	Two point seat belt		
					↑	↑	↑	↑	↑			
HONDA CR-V					↓	↓	↓	↓	↓	Three point seat belt		
					154	b	f & g	5.6	1.2			
MAZDA CX-5					↓	↓	↓	↓	↓	Three point seat belt		
					191	b	f & g	8.0	1.9			

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- j: There is a holding function.

Category	Test vehicle	Radar chart		Accessibility of seat belt [mm] Designed standard position The most forward sitting position	Identification of buckle	Insertability of buckle into tongue	Comfortability when wearing seat belt [N]		Rear seat	
		Front passenger's seat	Driver's seat				50mm Designed standard position The most forward sitting position	25mm Designed standard position The most forward sitting position	Center seat	Remarks
Passenger Cars	MAZDA PREMACY			397 / 450	b	f & g	13.0 / 14.1	1.8 / 1.7	Three point seat belt	As the rear center seat is of the stowaway type, the buckle of this seat must be pulled out from the storage position under the seat when using. Also, there is a possibility that the buckle is not visible when the passenger sits on the above-mentioned seat.
				↑	↑	↑	↑	↑		
				↓	↓	↓	↓	↓	-	
				163	b	f & j	3.6	0.7		
	MITSUBISHI OUTLANDER			↓	↓	↓	↓	↓	Three point seat belt	If the buckle storage position of the 2nd row is under a sheet bearing surface, and it rides where a buckle is stored, a buckle cannot be pulled out sat down and a seat belt cannot be used. In order to use a seat belt, you have to move and take out a sheet bearing surface.
				218 / 290	b	f & g	5.9 / 8.1	1.4 / 1.6		
				↓	↓	↓	↓	↓	-	
			163	b	f & g	4.6	0.9			
MITSUBISHI RVR			166	b	f & g	6.4	1.7	Three point seat belt		
			↑	↑	↑	↑	↑			
AUDI A1			↓	↓	↓	↓	↓	-		
			176	b	f & g	7.4	1.5			
BMW X1			194	b	f & g	5.9	1.4	Three point seat belt	When three persons take a backseat after the buckle for rear center seats had been outside suitable, there is a possibility that the buckle concerned may disappear.	
			↑	↑	↑	↑	↑			
FIAT 500			↓	↓	↓	↓	↓	-		
			189	b	f & g	4.8	1.6			
VOLKSWAGON Polo			↓	↓	↓	↓	↓	Three point seat belt		
			190	b	f & g	7.6	1.7			



Test results of the past (Passenger Seat Belt Reminder (PSBR) Evaluation tests)

FY2012 test results

Category	Test vehicle	Equipment condition		Details															
		Front passenger's seat	Rear passenger's seat	Front passenger's seat								Rear passenger's seat							
				Audible reminder			Reminder display					Audible reminder			Reminder display				
				Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score		
Electric vehicles, etc.	NISSAN LEAF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	TOYOTA AQUA	○	-	○	B	40	○	C	B	10	-	-	-	-	-	-	-		
	TOYOTA PRIUS	○	-	○	B	-	○	B	B	-	-	-	-	-	-	-	-		
	TOYOTA PRIUS α	○	-	○	B	40	○	C	B	10	-	-	-	-	-	-	-		
	TOYOTA SAI	○	-	○	B	-	○	C	B	-	-	-	-	-	-	-	-		
	LEXUS CT200h	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-		
	HONDA INSIGHT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	HONDA CR-Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mini-sized Cars	SUZUKI ALTO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	SUZUKI WAGON R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	DAIHATSU TANTO Exe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	DAIHATSU Mira e:S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	DAIHATSU Mira cocoa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	DAIHATSU MOVE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	NISSAN Moco	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	HONDA N BOX	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-		
Passenger Cars	SUZUKI SWIFT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	SUZUKI SPLASH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	SUZUKI Solio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	TOYOTA WISH	○	-	○	B	-	○	C	B	-	-	-	-	-	-	-	-		
	TOYOTA Vitz	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-		
	TOYOTA COROLLA FIELDER	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-		
	TOYOTA SPADE	○	-	○	B	40	○	C	B	10	-	-	-	-	-	-	-		
	TOYOTA PASSO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	TOYOTA MARK X	○	-	○	B	-	○	C	B	-	-	-	-	-	-	-	-		
	TOYOTA Ractis	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-		
	TOYOTA LAND CRUISER PRADO	○	-	○	B	-	○	C	B	-	-	-	-	-	-	-	-		
	TOYOTA 86	○	-	○	B	40	○	C	B	10	-	-	-	-	-	-	-		
	NISSAN ELGRAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	NISSAN CUBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	NISSAN JUKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	NISSAN SERENA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	NISSAN NOTE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	NISSAN MARCH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	NISSAN LATIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	SUBARU IMPREZA	○	○	○	B	40	○	C	B	10	-	-	-	○	C	B	25		
SUBARU LEGACY	○	○	○	B	40	○	C	B	10	-	-	-	○	C	B	16.66			
HONDA STEP WGN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HONDA CR-V	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-			
MAZDA PREMACY	○	-	○	B	-	○	E	A	-	-	-	-	-	-	-	-			
MAZDA CX-5	○	-	○	B	40	○	C	B	10	-	-	-	-	-	-	-			

※1 ○ indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.

※2 The "Range" column, "A" means driver's seat only and "B" means driver's seat and the passenger's seat concerned.

※3 The "position" column of the display contains C: Forward from driver's seat D: Forward from passenger's seat E: Center console section F: Forward from rear window seat G: Rear center section H: Ceiling section I: Other.

Category	Test vehicle	Equipment condition		Details													
		Front passenger's seat	Rear passenger's seat	Front passenger's seat							Rear passenger's seat						
				Audible reminder			Reminder display				Audible reminder			Reminder display			
				Sound	Range	Score	Display	Position	Range	Score	Sound	Range	Score	Display	Position	Range	Score
Passenger Cars	mitsubishi OUTLANDER	○	○	○	B	40	○	C	B	10	-	-	-	○	C	B	23.75
	MITSUBISHI RVR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AUDI A1	○	○	○	B	40	○	A	A	10	-	-	-	○	A	A	12.5
	BMW X1	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-
	FIAT 500	○	-	○	B	40	○	A	A	10	-	-	-	-	-	-	-
	VOLKSWAGEN Polo	○	-	○	B	-	○	A	A	-	-	-	-	-	-	-	-
Commercial Vehicles	NISSAN NV200 VANETTE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

※1 [○] indicates that the vehicle has equipment with proper functions. [-] indicates that the vehicle does not have such equipment.

※2 The "Range" column, "A" means driver's seat only and "B" means driver's seat and the passenger's seat concerned.

※3 The "position" column of the display contains C: Forward from driver's seat D: Forward from passenger's seat E: Center console section F: Forward from rear window seat G: Rear center section H: Ceiling section I: Other.

Reference Availability of data on collision safety performance from foreign countries

1. Assessment testing methods in other countries

Information on automobile collision safety performance is provided to the public by organizations such as the United States NHTSA (National Highway Traffic Safety Administration)

Organization	Testing method	Evaluation method
United States Department of Transportation NHTSA (National Highway Traffic Safety Administration)	<ul style="list-style-type: none"> • Full frontal collision test (against a rigid barrier at 35mph: approx. 56km/h) • Side collision test (against a pole at 32km/h) (against a moving barrier at 38.5mph: approx. 62km/h) • Roll over test • Installation of ESC and side curtain air bag equipment • Child car seat usability evaluation • Rearview camera 	<ul style="list-style-type: none"> • Weighted-table based evaluation result of occupants injuries, and calculate overall evaluation. (using ★ where 5 ★ is the best.)
United States Insurance Institute for Highway Safety (IIHS)	<ul style="list-style-type: none"> • Offset frontal collision test (against a deformable barrier at 64km/h) • Small overlap frontal collision test (against a rigid barrier wrap rate 25%, speed 40 mph: approximately 64 km/h) • SUV side collision test (against a moving barrier at 50 km/h) • Neck protection test in a rear-end collision • Roof strength test • Installation ESC equipment • Autonomous Emergency Braking System (AEBS) 	<ul style="list-style-type: none"> • Overall evaluation based on body deformation and occupants injuries with 4 levels selecting "Top Safety Picks"
EU Euro NCAP (Assisted by European Commission and others)	<ul style="list-style-type: none"> • Offset frontal collision test (including child passenger in rear seats) (against a deformable barrier at 64km/h) • Side collision test (including child passenger in rear seats) (against a moving barrier at 50 km/h) • Side collision test against a pole (against a pole at 29km/h) • Neck protection test in rear-end collision • Pedestrian (head and leg) protection performance test • ESC equipment rate evaluation • Installation of seatbelt reminder in driver's seat, front passenger's seat, rear seats • Installation of speed limiter • Autonomous Emergency Braking System (AEBS) 	<ul style="list-style-type: none"> • Overall evaluation based on left-mentioned evaluating topics (using ★ where 5 ★ is the best)
Government of New Zealand, State Governments of Australia, others (ANCAP)	<ul style="list-style-type: none"> • Offset frontal collision test (against a deformable barrier at 64km/h) • Side collision test (optionally pole test) (against a pole at 29km/h) (against a moving barrier at 50km/h) • Pedestrian (head and leg) protection performance test • Roof strength test • Neck protection test in a rear-end collision • Installation of ESC equipment 	<ul style="list-style-type: none"> • Overall evaluation based on body deformation and occupants injuries (using ★ where 5 ★ is the best)
South Korea's Ministry of Land, Transport and Maritime Affairs (KNCAP)	<ul style="list-style-type: none"> • Full frontal collision test (including AF05 passenger in rear seats) (against a rigid barrier at 56km/h) • Offset frontal collision test (against a deformable barrier at 64km/h) • Side collision test (against a pole at 29km/h) (against a moving barrier at 55km/h) • Pedestrian (head and leg) protection performance test • Neck protection test in a rear-end collision • Braking performance test • Roll over test 	<ul style="list-style-type: none"> • Evaluation by each topic with 5 levels based on occupants injuries (using ★ where 5 ★ is the best)
China Automotive Technology & Research Center (C-NCAP)	<ul style="list-style-type: none"> • Full frontal collision test (including AF05 passenger in rear seats)(against a rigid barrier at 50km/h) • Offset frontal collision test (including AF05 passenger in rear seats) (against a deformable barrier at 64km/h) • Side collision test (against a moving barrier at 50km/h) • Neck protection test in a rear-end collision • Installation seatbelt reminder, ISO-FIX anchorage assessment, Installation of ESC equipment 	<ul style="list-style-type: none"> • Overall evaluation based on body deformation and occupants injuries (using ★ where 5 ★ + is the best)

ASEAN MIROS ASEAN-NCAP	• Offset frontal collision test (including child passenger in rear seats) (against a deformable barrier at 64km/h)	• Overall evaluation based on body deformation and occupants injuries (using ★ where 5 ★ is the best)
South America LATIN-NCAP	• Offset frontal collision test (including child passenger in rear seats) (against a deformable barrier at 64km/h)	• Overall evaluation based on body deformation and occupants injuries (using ★ where 5 ★ is the best)

※ 1 : Testing methods are implemented according to each country's actual situations of accidents.

※ 2 : In collision test, Euro NCAP equip rear seats in test vehicles with a child seat to assess child protection performance.

Test results can be viewed on the internet at the following addresses.

• NHTSA	http://www.safercar.gov	• Euro NCAP	http://www.euroncap.com
• A-NCAP	http://www.ancap.com.au/	• IIHS	http://www.iihs.org
• KNCAP	http://www.car.go.kr	• C-NCAP	http://www.c-ncap.org.cn
• ASEAN-NCAP	http://www.aseancap.org/	• LATIN-NCAP	http://www.latinncap.com/en/?pg=&id=

These web sites can also be accessed from the National Agency for Automotive Safety & Victims' Aid homepage (<http://www.nasva.go.jp/>).

2. Collision Safety performance Technical Regulations in Other Countries

Country	Technical Regulations	Testing method
United States.	• Frontal crash standard (FMVSS 208)	Full frontal impact against a rigid barrier at 35 mph (approx. 56 km/h), etc.
	• Side impact standard (FMVSS 214)	Impact against a moving barrier at 33.5 mph (approx. 54 km/h)
ECE (member nations of agreement in 1958 and Japan)	• Frontal crash standard (ECE R94)	Offset frontal impact against a deformable barrier at 56 km/h
	• Side impact standard (ECE R95)	Impact against a moving barrier at 50 km/h
EEC (member nations of EU)	• Frontal crash standard (ECE R94)	Offset frontal impact against a deformable barrier at 56 km/h
	• Side impact standard (ECE R95)	Impact against a moving barrier at 50 km/h
	• Pedestrian protection (Regulation(EC) 78/2009)	Impact on legs against bumper at 40 km/h Impact on the head against bonnet at 35 km/h
Australia	• Frontal crash standard (ADR 69)	Full frontal impact against a rigid barrier at 48 km/h
	• Frontal crash standard (ADR 73)	Based on ECE R94
	• Side impact standard (ADR72)	Based on ECE R95
Japan (for reference)	• Frontal collision standard (Article 18, Safety Regulation for Road Vehicles)	Full frontal impact against a rigid barrier at 50 km/h
	• Frontal collision standard (Article 18, Safety Regulation for Road Vehicles)	Based on ECE R94
	• Side collision standard (Article 18, Safety Regulation for Road Vehicles)	Based on ECE R95
	• Pedestrian Protection (Article 18, Safety Regulation for Road Vehicles)	Impact on the head against bonnet at 35 km/h Impact on legs against bumper at 40 km/h
	• Seatbelt reminder (Article 22-3, Safety Regulation for Road Vehicles)	Based on ECE R16

Section 3 Table of Safety Devices Installed and Their Features

❖ Function of safety devices and correct method of use

1. Air bags

● The operation and effects

<Reduces the impact to the head and chest upon frontal collision>

Air bags equipped in passenger cars in Japan are called SRS (Supplemental Restraint System) air bags, and are used in conjunction with seatbelts to supplement the functions of the belt upon collision to reduce the impact on the passenger.

Air bags instantly inflate upon frontal collisions to prevent the passenger from direct contact with the steering wheel or instrument panel to reduce the impact to the head and chest.

● Effective range of air bags

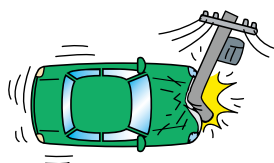
Air bags that are currently used in Japan are designed to inflate upon frontal collisions in accordance with the conditions defined by the manufacturer, with the purpose to supplement the performance of the seatbelt to prevent any serious injuries to the occupant. Therefore, the air bag may not inflate depending on the collision angle, collision speed or collision obstacle, and on the other hand, the air bag may inflate even though there is no collision taking place, such as instances when the vehicle drives over a curb or in similar instances when the sensor detects a shock exceeding a certain level.

The following are the general conditions when the air bag inflates and when it doesn't inflate. Note that air bags are not effective in secondary collisions, because they immediately deflate after fully inflating.

(1) Conditions under which air bags inflate

- ① Upon frontal collision with a solid structure such as a concrete wall at speeds faster than 20-30 km/h
- ② Upon collision with an automobile and when exposed to an impact similar to that described in ① above.

(2) Examples of conditions under which the air bag may not inflate



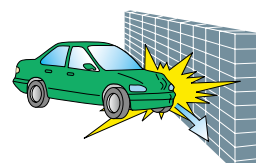
① Collision where there are extreme deformations, where only one portion of the front of the car is deformed as when colliding with a telephone pole.



② Collisions where the impact is gradual as when driving under the load space of a truck.



③ Collision where the collision barrier is greatly deformed or relocated as in cases of side impact with a passenger car.



④ Collision where the impact direction is dispersed or the vehicle greatly moves while colliding as in cases of oblique impacts.

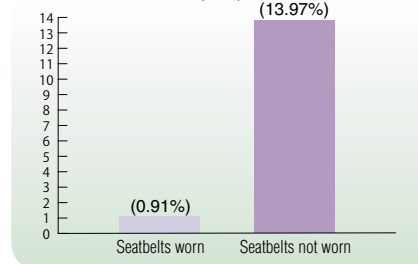
● Usage precautions for vehicles equipped with air bags

<Fasten seatbelt is necessary even though your car equipped with air bags>

Air bags are not fully effective unless seatbelts are properly worn. The death rate was roughly about 15 times greater when the air bag activated while seatbelts were not worn. Always fasten your seatbelt for the best performance from your air bag.

If you don't wear your seatbelt properly, there is a danger of considerable injury from the air bag. Wearing the seatbelt as shown in the figures below is dangerous.

Death rate of accidents when air bags are inflated (2006)



(Institute for Traffic Accident Research and Data Analysis)



Do not get too close to the steering wheel.



Do not place your hands or feet on the instrument panel or get your face too close to it.



Do not place objects on top or in front of the instrument panel.

Risk of air bag injuries

Air bags are designed to be effective during high-speed collisions and reach an inflation speed of 100-300 km/h. For this reason, a passenger may be injured with abrasions (weltsed scratching), contusions (bruising), bone fractures, burns and other injuries when the air bag inflates.

There is also a greater risk of injuries if the seatbelt is not used or if other warnings are not properly observed. The gas generated when the bag inflates is not especially toxic.

Q1

Is it necessary to fasten seatbelts, even when air bags are equipped?

A1

An air bag is a device that supplements the seatbelt function. If you do not wear seatbelts, there is a danger that the air bag could have little effect, or worse, could cause considerable injury.

Q2

Is it true that a danger of air bags to short-stature individuals has been announced in the United States?

A2

In the United States, there have been accidents in which short-stature individuals have been injured by the impact of the air bag, due to such factors as the improper wearing of seatbelts. Thus, you should wear your seatbelt and position yourself correctly, not too close to the steering wheel.

Q3

When I was driving a car equipped with an air bag, I had a frontal collision and was injured by the air bag that inflated.

A3

Air bags are designed and mounted in vehicles so that passengers will not suffer fatal injuries in a frontal collision and a certain high-speed collision is taken into consideration to determine the inflation timing and inflation speed. Therefore, air bags may not completely prevent any injury in all types of frontal collision.

The operation and effects of side air bags

<Reduces the impact force on the upper body in the event of a lateral collision>

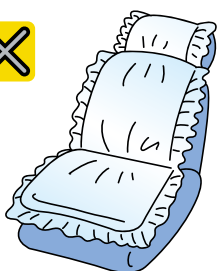
Side air bags inflate instantaneously in the event of a lateral collision to reduce the impact force on the chest and other upper body regions. Just as with the air bag during frontal collision, occupants who are not wearing seatbelts face the danger that the side air bag could have little effect, or worse, could cause considerable injury. And, given that they inflate only in response to a lateral collision and then quickly deflate, they are not effective in accidents such as frontal collision, rear impacts, multiple collisions, rollovers, and spills.

Recently, side curtain air bags (SCA) which inflate instantly covering all of the side window in the event of side collision to soften impact on the head against pillar, side glass or outside vehicle body have been developed.



Usage precautions for vehicles equipped with side air bags

Side air bags are not a substitute for seatbelts. You should position yourself correctly in the vehicle and be sure to fasten your seatbelt. If you don't wear a seatbelt, there is a danger that considerable injury may be caused by the air bag. It is often the case that side air bags are installed in the seatback, making certain actions including those in the figures below dangerous.



You should use only specially designed seat covers, otherwise there is a risk that side air bags will not inflate properly.



Do not lean on the door or place your arm around the seatback, as there is a danger of considerable injury when the side air bag inflates.

2. Seatbelts

● The operation and effects of the adjustable belt anchor

<Permits the shoulder belt to be adjusted to the appropriate position matching the physique of the occupant>

It is necessary to place the shoulder belt in the center of your shoulder. When the shoulder belt is applied to your neck or arm, there is a danger that it could have little effect, or worse, could cause serious injury. When your automobile is equipped with an adjustable belt anchor, you should adjust it correctly to place the belt in the center of the shoulder, matching the physique of the person sitting in the seat.

● The operation and effects of the pretensioner

<Quicker restraint and protection of the occupant in the event of a collision>

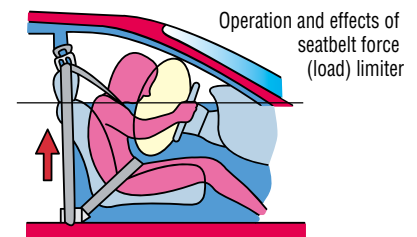
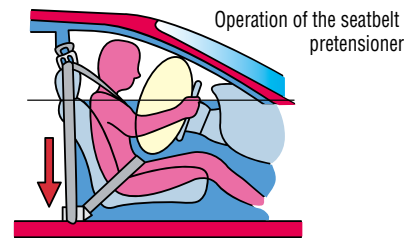
The seatbelt pretensioner is a device that serves to instantly wind and tighten the seatbelt in the event of a collision. This quickly restrains the forward movement of the upper body and increases the effectiveness of the seatbelt.

● The operation and effects of the force (load) limiter

<Alleviates the impact of the seatbelt on the passenger's chest in the event of a collision>

On impact, the seatbelt force (load) limiter maintains the level of restraint force applied by the seatbelt, then gradually loosens the seatbelt to alleviate the impact on the passenger's chest area.

When the model is also equipped with a seatbelt pretensioner, the seatbelt pretensioner first takes effect upon impact, followed by the activation of the seatbelt force (load) limiter.

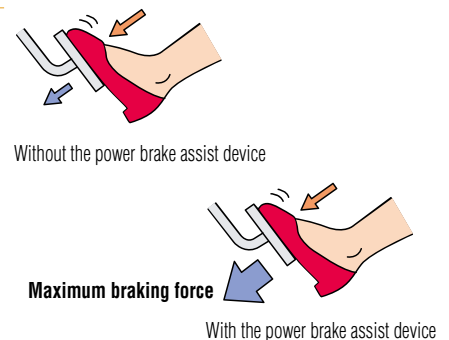


3. Power brake assist device

● The operation and effects

<The power brake assist device supplements the force applied when stepping on the brakes>

The brake power assist device increases the braking force by augmenting the force applied when stepping on the brakes when emergency braking or powerful braking is necessary. The device thus enables even those who may be unable to step on the brake forcefully to exert the same degree of braking power as stronger individuals during emergency braking.



Q1

Is the stopping distance reduced when a vehicle is equipped with a brake power assist device?

A1

In general, the braking force is increased to that normally available when the driver forcefully depresses the pedal, and the stopping distance is thus not reduced further.

Q2

When does the brake power assist device actuate?

A2

This varies according to the type of brake assist device installed in the vehicle. However, in general it either actuates when the computer detects that emergency braking is taking place or when the driver strongly depresses the brake pedal.

4. ABS

● The operation and effects

<Maintains stability of the vehicle during such events as emergency braking>

ABS is an abbreviation for Anti-lock Brake System, and this device maintains stability in the direction in which the vehicle is advancing and enhances the possibility of avoiding an obstacle through wheel operation by preventing the tires from locking (ceasing to rotate) when emergency braking is applied.

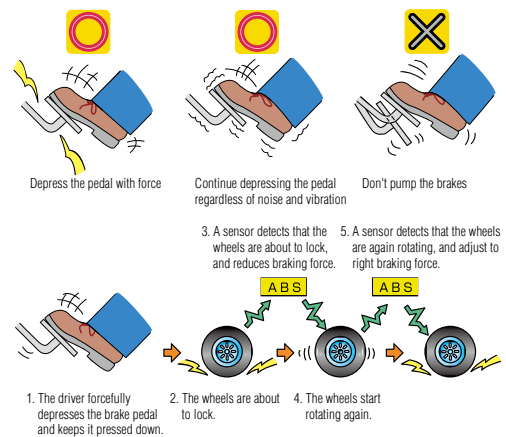
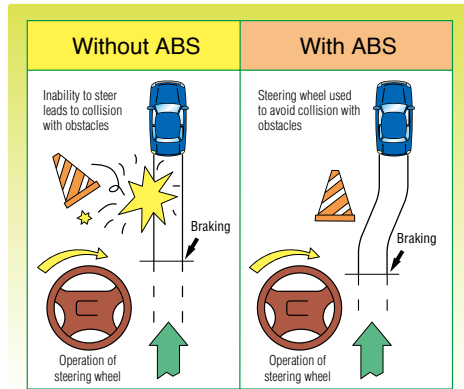
● Correct method of applying emergency braking in a vehicle equipped with ABS

<Continuously depress the brake pedal with as much force as possible>

In order to effectively activate the ABS during emergency braking, the driver must be sure to continue depressing the brake pedal with as much force as possible. When the ABS actuates, the brake pedal may vibrate and a bumping noise may be heard, but this does not indicate a malfunction: the driver should continue to forcefully depress the brake pedal.

● ABS Mechanism

Steps 2 to 5 illustrated here are repeated in rapid succession and the vehicle will come to a stop while preventing the wheels from locking. This mechanism maintains the stability of the vehicle in its original direction of travel and retains steerability with the appropriate level of braking force.



Q1

Is the stopping distance reduced when a vehicle is equipped with ABS?

A1

Normally, there is no great difference, but it is reduced in some cases, for example when braking on wet road surfaces that have become slippery. However, there are also cases where the stopping distance may increase, as in new snow, on gravel roads, or when tire chains have been mounted on the vehicle.

Q2

When does the ABS actuate?

A2

It actuates when the wheels are about to lock during braking, for example, during emergency braking or when braking on a slippery road surface.

5. Skidding Prevention Device (Stability control system)

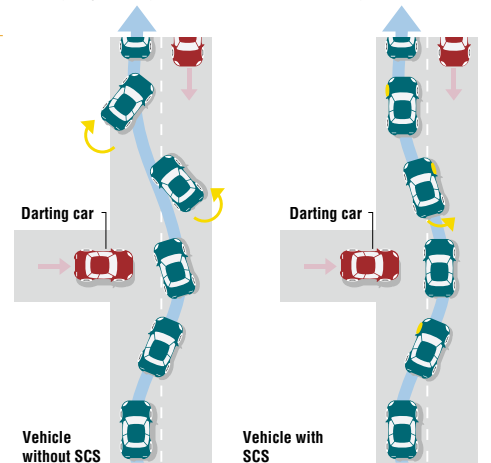
● The operation and effects

<Makes the vehicle stable when cornering>

When turning sharply to avoid an obstacle or when driving on a surface that is unexpectedly slippery, the motion of the vehicle often becomes unstable, for example skidding sideways. This system has an apparatus which controls the motion of the vehicle in such cases to make it more stable. If the vehicle begins to skid sideways, this is detected by a sensor and the brakes at each wheel are suitably controlled so that the vehicle does not spin out or make a wide turn.

From the beginning of October 2012 for new models (October 2014 for Mini cars) and October 2014 for existing models (February 2018 for Mini cars), vehicles will be made it obligatory to equip with devices to prevent skidding.

● Emergency steering to avoid collision with a darting car



*Stability Control System control image

Q1

Is sideways skid eliminated if this apparatus is installed?

A1

The ability of the Stability Control System to maintain stability has limits, and there still is the danger that reckless driving will cause unforeseen accidents. Even if the Stability Control System is installed, always strive to drive safely according to road conditions, and when the warning light is operating please drive with special care.

6. Child Car Seat

● Use child car seat to protect children from injury in the case of a car accident

<Child car seat reduce the force exerted on the head and chest in the event of a frontal collision>

In the case of fatal accidents involving infants and toddlers in passenger cars, the fatality rate is four times higher for accidents in which no child car seat was in use than for accidents in which a child car seat was used. Be sure to use a child car seat when young children ride in a vehicle. Furthermore, it should be noted that it has been mandatory to use a child car seat for children younger than six years of age.

● Types of child car seat

<Use the child's weight, mass, and age as a guide for choosing the most suitable child car seat>

○ For infants

For use by: Infants who weigh less than 10 or 13kg (up to 70 cm in height, newborns to one-year-olds)

- Because an infant cannot adequately support his or her neck, this type of seat places the infant in a reclining position.



- There are two types: the “seat type” which faces rearwards and the “bed type” which faces to the side.

○ For toddlers

For use by: Toddlers who weigh 9 to 18 kg (65 to 100 cm in height, age 1 to 4 years old)

- This seat can be used when the child can support his or her neck and has learned to sit on his or her own.
- After the child has graduated from the infant seat, he or she can now use a “forward-facing” seat.



○ For school-age children

For use by: Children who weigh 15 to 36 kg (up to 135 cm in height, age 4 to 10 years old)

- This type increases the height of the seated position by supplementing the seat and adjusts the position of the seatbelt to match the position of the child's waist. This enables the child to use adult seatbelts effectively.



● Child car seat installation

Vehicle adaptability

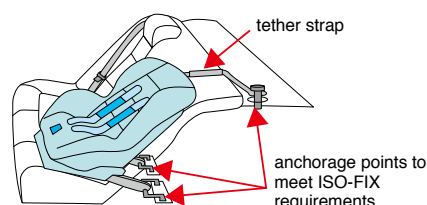
Not all child car seat can be installed in any vehicle. It is important to select a child seat that is compatible with your vehicle, making reference to the chart listing adaptability by car model released by the child car seat manufacturer.

Method of installation

The method of installation varies from model to model, and it is thus important to follow the instructions in the owner's manual provided with the car seat. Also installation method can vary by seatbelts equipped with the car, therefore care should be taken.

■ Seats equipped with the ISO-FIX standardized vehicle anchorage system

Two attachment or anchor points (shown in the diagram below), which conform to uniform specifications stipulated by ISO-FIX, are installed in the base of seats as well as attachment points for tether straps or equipment to secure the lower part, so as to prevent the child safety seat from turning sideways when a collision occurs. Cars newly released for sale since July 2012 with a passenger



occupancy of under ten, are equipped with the ISO-FIX anchor points for ISO-FIX child safety seats. However, when

using the ISO-FIX child safety seat, please check with the vehicle-specific suitability table and the car manual, etc., regarding installment is possible.

Points of caution when installing child safety seat

1. Install product in rear seats of vehicle

For safety reasons, a child safety seat should always be installed in the vehicle's rear seats.

Installing rearward-facing child safety seats in front passenger seats that are fitted with an air bag is extremely dangerous and should be avoided at all times.

2. Firmly secure the child safety seat

It is important to secure the child safety seat firmly, following the instructions in the owner's manual. Forward-facing child safety seats should be secured such that the seat does not move appreciably (more than 3 cm) when forward pressure is applied on the seat's upper segment.

In vehicles fitted with seat belts featuring a child safety seat restraining function (generally in the vehicle's left and right rear seats), the seatbelt should be fully withdrawn after the seat has been installed, activating the ALR device.

3. Risk of burns when seating the child

During hot weather, the child safety seat's body, buckle, metal areas of belt, etc. can become extremely hot while a vehicle is parked, leading to the risk of burns. When seating the child, the parent should first touch each of the areas to ensure they will not burn the child.

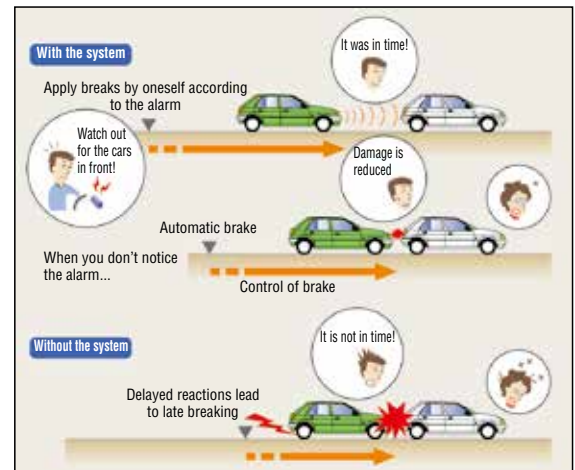
◆ Advanced Safety Vehicle (ASV) Technology Put to Practical Use

Promotion of the development and spread of highly safe automobiles—loaded with safe driving support systems using advanced technology—is being done with the cooperation of industry, academia and the government.

Presently, Damage Mitigation Brake System, Lane Keep Assist and ACC are being commercialized.

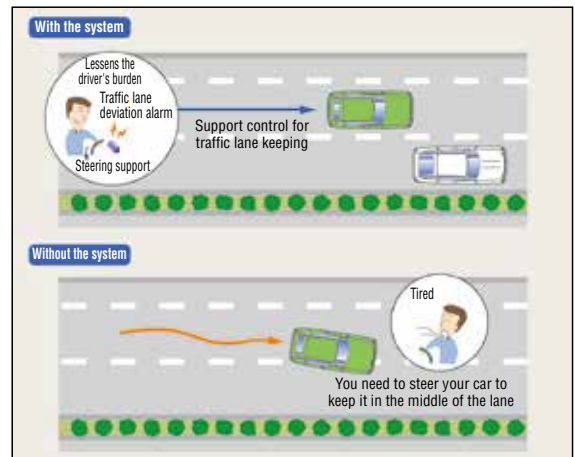
● Autonomous Emergency Braking System (Forward Collision Damage Mitigation Braking Control System)

There is the radar to detect obstacles ahead, warnings to drivers to avoid obstacles in the case that a collision may occur, and in addition, in the case when collision with an object is judged to be unavoidable, an automatic braking system to reduce injuries.



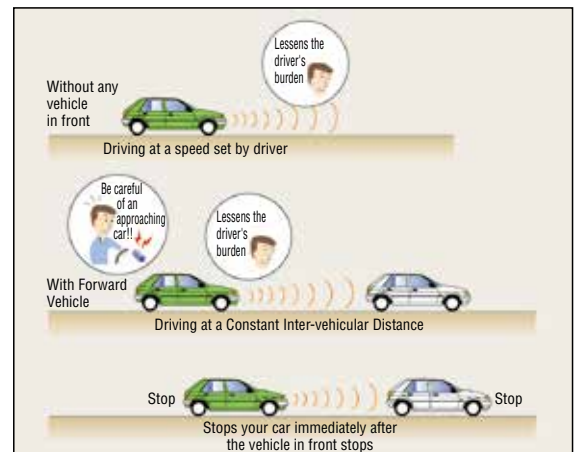
● Lane-keeping Assistance System

A camera recognizes the traffic lanes ahead and supports to reduce necessary steering wheel handling by maintaining a straight line when driving out a lane on a highway.



● All speed ACC (Adaptive Cruise Control System with Brake Control)

The radar observes ahead, and while maintaining the speed set by the driver, maintains an appropriate distance from a slower vehicle ahead.



Installation conditions of safety devices by manufacturers and models

Installation conditions of major safety devices installed in passenger cars, mini-sized cars and vans (trucks with a total mass of 2.8t or less), which are available on the market as of the end of December 2013, are listed below.

Note 1: Member companies of the Japan Automobile Manufacturers Association, Inc. and Japan Automobile Importers Association contributed these models.

Note 2: Seat types are categorized as follows:

- Active seat: It detects the situation of rear-end collision situation and moves the head restraint position, etc. to forward direction using a power system.
- Reactive seat: It moves forward the head restraint position, etc. using the rear-end collision energy.
- Passive seat: It increases the seat stiffness to absorb energy at seat back structure and head restraint.
- Normal seat: Seat other than active, reactive and passive ones.

Note 3: Vehicles types are categorized as follows:

- M: Mini-sized Car Category
- A: Passenger Car A Category Displacement 1500cc or less (Excluding 1BOX & Minivans)
- B: Passenger Car B Category Displacement 1500cc to 2000cc or less (Excluding 1BOX & Minivans)
- C: Passenger Car C Category Displacement over 2000cc (Excluding 1BOX & Minivans)
- 1BOX: 1BOX & Minivans (Seat with three rows or more)
- CV: Commercial Vehicles
- EV: Electric Vehicles

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag		Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device											

SUZUKI MOTOR CORPORATION

ALTO	VAN VP[HBD-HA25V]	M	×	×	×	N	×/×	×	×	×	×	×	×	×	×	○	×
	F[DBA-HA25S]		×	×	×	N	×/×	◎	○※1	×	×	×	×	×	×	○	×
	ECO-L,ECO-S[DBA-HA35S]		×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	○	×
ALTO Lapin	All grade[All type]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	○	×	
EVERY	All grade except follows[All type]	M	×	×	×	N	×/×	×	×	×	×	×	×	×	○	×	
	PA[HBD-DA64V]		×	×	×	N	×/×	×	○	×	×	×	×	×	○	×	
	JOIN,JOIN-turbo[EBD-DA64V,HBD-DA64V]		×	×	×	N	×/×	×	◎	×	×	×	×	×	○	×	
EVERY WAGON	All grade[All type]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	○	×	
MR wagon	All grade[All type]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	○	×	
CARRY	All grade[All type]	M	×	×	—	N	×/—	×	×	×	×	×	×	×	×	×	
Jimny	All grade[All type]	M	×	×	×	N	×/×	◎	×	×	×	×	×	×	×	×	
SPACIA	All grade[All type]	M	×	×	×	P	×/×	◎	◎	○	○	×	×	×	○	×	
WAGON R	All grade[All type]	M	×	×	×	P	×/×	◎	◎	○	○	×	×	×	○	×	
SX4	All grade[All type]	A	◎	◎	◎	P	×/×	◎	◎	×	×	×	×	×	○	×	
SX4 SEDAN	All grade[All type]	A	◎	◎	◎	P	×/×	◎	◎	×	×	×	×	×	○	×	
Jimny SIERRA	All grade[All type]	A	×	×	×	N	×/×	◎	×	×	×	×	×	×	×	×	
SWIFT	All grade except follows[All type]	A	×	×	×	P	×/×	◎	◎	◎	×	×	×	×	×	○	×
	XS,XS-DJE[DBA-ZC72S/ZD72S]		◎	◎	◎	P	×/×	◎	◎	◎	×	×	×	×	×	○	×
SPLASH	All grade[All type]	A	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	○	×	
SOLIO	G[DBA-MA15S]	A	×	×	×	N	×/×	◎	◎	×	×	×	×	×	○	×	
	G4,X,S,BANDIT[DBA-MA15S]		◎	×	×	N	×/×	◎	◎	×	×	×	×	×	○	×	
	X-DJE,S-DJE-BANDIT-DJE		◎	×	×	N	×/×	◎	◎	◎	×	×	×	×	○	×	
ESCUDO	All grade[All type]	C	○	○	○	P	×/×	◎	◎	○	×	×	×	○	×		
Kizashi	All grade[All type]	C	◎	◎	◎	P	×/×	◎	◎	◎	○※2	×	×	×	○	×	
LANDY	2.0S[DBA-SC26,SNC26,DAA-SHC26]	1Box	×	×	×	R	×/×	◎	×	○	×	×	×	×	○	×	
	2.0G[DBA-SNC26,DAA-SHC26]		×	×	×	R	×/×	◎	×	◎	×	×	×	×	○	×	

※1 Manufacturer's option for 2WD 5MT. Standard equipment for 4WD 5MT ※2 2WD only

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LEGACY TOURING WAGON	All grades excluding the following[All models]	C	◎	◎	◎	P	◎/◎	◎	◎	◎	◎	◎	×	×	○	×	
	2.5i B-SPORT [DBA-BRM]		○	○	○	P	◎/◎	◎	◎	◎	◎	×	×	×	×	×	
	2.5i B-SPORT EyeSight [DBA-BRM]		○	○	○	P	◎/◎	◎	◎	◎	◎	◎	×	×	×	×	
	2.0GT DIT [DBA-BRG]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	×	○	×
LEGACY OUTBACK	All grades excluding the following[All models]	C	◎	◎	◎	P	◎/◎	◎	◎	◎	◎	◎	×	×	○	×	
LEGACY B4	All grades excluding the following[All models]	C	◎	◎	◎	P	◎/◎	◎	◎	◎	◎	◎	×	×	×	×	
	2.5i B-SPORT [DBA-BMM]		○	○	○	P	◎/◎	◎	◎	◎	◎	×	×	×	×		
	2.5i B-SPORT EyeSight [DBA-BMM]		○	○	○	P	◎/◎	◎	◎	◎	◎	◎	×	×	×	×	
	2.0GT DIT [DBA-BMG]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	×	○	×
EXIGA	All grades excluding the following[All models]	1Box	○	○	○	◎※1	R	×/×	◎	◎	◎	◎	◎	×	×	○	×
	2.5i [DBA-YAM]		×	×	×	R	×/×	◎	◎	◎	◎	×	×	×	×	×	
FORESTER	2.5i EyeSight S Package	B	×	×	×	R	×/×	◎	◎	◎	◎	◎	×	×	×	×	
	2.5i spec.B EyeSight [DBA-YAM]		○	○	○	P	◎/◎	◎	◎	◎	◎	×	×	×	×		
	2.0i [DBA-SJ5]		○	○	○	P	◎/◎	◎	◎	◎	◎	×	×	×	×		
	2.0i-L [DBA-SJ5]		○	○	○	P	◎/◎	◎	◎	◎	◎	◎	×	×	×	×	
	2.0XT [DBA-SJG]		○	○	○	P	◎/◎	◎	◎	◎	◎	◎	×	×	×	×	

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												
			Front	Rear												
IMPENZA SPORT	All grades excluding the following [All models] 1.6i [DBA-GP2/GP3]	B	○	○	○	P	◎/◎	◎	◎	◎	×	×	×	×	○	×
	2.0i EyeSight 2.0i-S EyeSight [DBA-GP7]		×	×	×	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	○		○	○	P	◎/◎	◎	◎	◎	◎	◎	×	×	○	×	
IMPENZA G4	All grades excluding the following [All models] 1.6i [DBA-GJ2/GJ3]	B	○	○	○	P	◎/◎	◎	◎	◎	×	×	×	×	○	×
	2.0i EyeSight 2.0i-S EyeSight [DBA-GJ7]		×	×	×	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	○		○	○	P	◎/◎	◎	◎	◎	◎	◎	×	×	○	×	
SUBARU XV	2.0i [DBA-GP7]	B	×	×	×	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	2.0i-L [DBA-GP7]		○	○	○	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	2.0i-L EyeSight [DBA-GP7]		○	○	○	P	◎/◎	◎	◎	◎	◎	×	×	○	×	
SUBARU XV HYBRID	HYBRID 2.0i [DAA-GPE]	B	×	×	×	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	HYBRID 2.0i-L [DAA-GPE]		○	○	○	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	HYBRID 2.0i-L EyeSight [DAA-GPE]		○	○	○	P	◎/◎	◎	◎	◎	◎	×	×	○	×	
WRX STI (4door)	All grades excluding the following [All models] WRX STI spec C [CBA-GVB]	B	◎	◎	◎	P	×/×	◎	◎	◎	×	×	×	×	×	×
	○		○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
WRX STI (5door)	All grades excluding the following [All models] WRX STI spec C [CBA-GRB]	B	◎	◎	◎	P	×/×	◎	◎	◎	×	×	×	×	×	×
	○		○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
SUBARU BRZ	All grades excluding the following [All models] RA Racing [DBA-ZC6]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×
	×		×	×	P	◎/×	◎	◎	◎	×	×	×	×	×	×	
TREZIA	All grades excluding the following [All models] 1.5i-S [DBA-NCP120X/ NCP125X]	A	×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	×	×
	○		○	○	P	◎/×	◎	◎	◎	×	×	×	×	×	×	
STELLA	All grades excluding the following [All models] L Smart Assist, L Limited Smart Assist, LS Smart Assist [DBA-LA100F/LA110F]	M	×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×
	×		×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×	
STELLA CUSTOM	R,RS [DBA-LA100F/LA110F] R Smart Assist [DBA-LA100F/LA110F]	M	×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×
	○		○	○	N	×/×	◎	◎	◎	◎	×	×	×	×	×	
PLEO	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
PLEO VAN	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
PLEO PLUS	All grades excluding the following [All models] F Smart Assist, L Smart Assist [DBA-LA300F], FA Smart Assist, LA Smart Assist [DBA-310F]	M	×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×
	◎		×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×	
LUCRA	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
LUCRA CUSTOM	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
DÍAS WAGON	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
SAMBAR TRUCK	TB,TC,High roof [EBD-S201J/S211J]	M	×	×	×	N	×/×	×	○	×	×	×	×	×	×	
	Grund cab [EBD-S201J/S211J], Panel van high roof [EBD-S201H/S211H], Three side dump [EBD-S211J]		×	×	×	N	×/×	×	×	×	×	×	×	×	×	
SAMBAR VAN	VB [EBD-S321B/S331B], VB Clean [GBD-S321B/S331B], Transporter [EBD-S321B/S331B]	M	×	×	×	N	×/×	×	○	×	×	×	×	×	×	
	VC,VC Turbo [EBD-S321B/S331B]		×	×	×	N	×/×	×	◎	×	×	×	×	×	×	
	VB 2 Seater [EBD-S321B/S331B], Open deck, Open deck G [EBD-S321Q/S331Q]		×	×	×	N	×/×	×	×	×	×	×	×	×	×	

※ 1 Covers up to the third row

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

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Mira e:s	All grades excluding the following [All models]	M	×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×
	G"SA" [DBA-LA300S]		◎	×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×
	Gf"SA" [DBA-LA310S]		◎	×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×
	X [DBA-LA300S] L [DBA-LA300S] D [DBA-LA300S] Xf [DBA-LA310S] Lf [DBA-LA310S]		×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	×
Mira	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
Mira Cocoa	All grades excluding the following [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
	Cocoa PlusG [DBA-L675S/DBA-L685S]		×	×	×	N	×/×	◎	◎	×	×	×	×	◎	×	
MOVE	All grades excluding the following [All models]	M	×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	○	×
	X Turbo [DBA-LA100S/DBA-LA110S] X [DBA-LA100S/DBA-LA110S] L [DBA-LA100S/DBA-LA110S] Front Seat Lift L [DBA-LA100S]		×	×	×	N	×/×	◎	◎	×	×	×	×	×	○	×
MOVE CUSTOM	RS "SA" [DBA-LA100S/DBA-LA110S]	M	○	○	○	N	×/×	◎	◎	◎	◎	×	×	×	○	×
	X "Limited SA" [DBA-LA100S/DBA-LA110S]		×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	◎	×
	X "SA" [DBA-LA100S/DBA-LA110S]		×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	○	×
	X "Limited" [DBA-LA100S/DBA-LA110S]		×	×	×	N	×/×	◎	◎	×	×	×	×	×	◎	×
	X [DBA-LA100S/DBA-LA110S] RS [DBA-LA100S/DBA-LA110S]		×	×	×	N	×/×	◎	◎	×	×	×	×	×	○	×
MOVE Conte	All grades excluding the following [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
	G "NAVI" [DBA-L575S/DBA-L585S]		×	×	×	N	×/×	◎	◎	×	×	×	×	◎	×	
MOVE Conte CUSTOM	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
TANTO	All grades excluding the following [All models]	M	○	×	×	N	◎/×	◎	◎	◎	◎	×	×	×	○	×
	G"SA" [DBA-LA600S/DBA-LA610S]		○	○	○	N	◎/×	◎	◎	◎	◎	×	×	×	○	×
	Welcome Seat X"SA" [DBA-LA600S/DBA-LA610S]		×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	○	×
	G [DBA-LA600S/DBA-LA610S]		○	○	○	N	◎/×	◎	◎	×	×	×	×	×	○	×
	X Turbo [DBA-LA600S/DBA-LA610S] X [DBA-LA600S/DBA-LA610S] L [DBA-LA600S/DBA-LA610S]		○	×	×	N	◎/×	◎	◎	×	×	×	×	×	○	×
	RS"SA" [DBA-LA600S/DBA-LA610S]		◎	○	○	N	◎/×	◎	◎	◎	◎	×	×	×	○	×
TANTO CUSTOM	X"SA" [DBA-LA600S/DBA-LA610S] Sloper X"SA" [DBA-LA600S/DBA-LA610S]	M	◎	×	×	N	◎/×	◎	◎	◎	◎	×	×	×	○	×
	Welcome Seat X"SA" [DBA-LA600S]		×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	○	×
	RS [DBA-LA600S/DBA-LA610S]		◎	○	○	N	◎/×	◎	◎	×	×	×	×	×	○	×
	X [DBA-LA600S/DBA-LA610S]		◎	×	×	N	◎/×	◎	◎	×	×	×	×	×	○	×
	All grades excluding the following [All models]		×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	×
TANTO Exe	All grades excluding the following [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
	X "Limited" [DBA-L455S/DBA-L465S]		×	×	×	N	×/×	◎	◎	×	×	×	×	◎	×	
TANTO Exe CUSTOM	All grades [All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	
ATRAI WAGON	All grades excluding the following [All models]	M	×	×	×	N	×/×	◎	×	×	×	×	×	×	×	
	Rear Seat Lift, [ABA-S321G/ABA-S331G] Type with Rear Seat Sloper [ABA-S321G improved /ABA-S331G improved]		×	×	×	N	×/×	×	×	×	×	×	×	×	×	
BOON	CL"limited"[DBA-M600S] CL[DBA-M600S]	A	○	○	○	R	×/×※1	◎	◎	◎	×	×	×	×	×	
	CL"limited"[DBA-M610S] CL[DBA-M610S]		○	○	○	R	×/×※1	◎	◎	○	×	×	×	×	×	
Be-go	CX "Limited" [ABA-J200G/ABA-J210G]	A	○	○	○	P	◎/×	◎	◎	◎※2	×	×	×	×	×	
	CX "Special" [ABA-J200G/ABA-J210G]		×	×	×	P	◎/×	◎	◎	◎※2	×	×	×	×	×	
ALTIS	All grades [All models]	C	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	○	×	
MEBIUS	All grades excluding the following [All models]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	○	×	
	S "L Selection"		◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	
Mira VAN	All grades [All models]	CV	×	×	×	N	×/×	×	×	×	×	×	×	×	×	
HIJET TRUCK	All grades excluding the following [All models]	CV	×	×	×	N	×/-	×	○※3	×	×	×	×	×	×	
	Extra [EBD-S201P/EBD-S211P] NouyouSpecial [EBD-S211P]		×	×	×	N	×/-	×	○	×	×	×	×	×	×	
HIJET CARGO	All grades [All models]	CV	×	×	×	N	×/×	×	×	×	×	×	×	×	×	

※1 Equipped with a seatbelt information indicator in the instrument cluster of the driver's seat
※2 4WD only

※3 2WD MT, 4WD
※4 2WD MT, 4WD AT

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology						
			Side air bag		Seat type	Seatbelt Reminder (Front Passengers/ Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device											

TOYOTA MOTOR CORPORATION: LEXUS Brand

LS	LS600h version L [DAA-UVF45-AEXQH(L)] version L L-select [DAA-UVF45-AEXQH(LX)]	C	◎	◎	◎	Driver's Seat: R ※1 Passenger Seat: P	◎/×	◎	◎	◎	○	○	○	×	◎	○
	LS600h F SPORT [DAA-UVF45-AEXQH(F)] F SPORT L-select [DAA-UVF45-AEXQH(FX)] version C/1 package [DAA-UVF45-AEXQH(CI)] version C/1 package L-select [DAA-UVF45-AEXQH(CX)] version C [DAA-UVF45-AEXQH(C)]		◎	◎	◎	R※1	◎/×	◎	◎	◎	○	○	○	×	◎	○
	LS600h [DAA-UVF45-AEXQH]		◎	◎	◎	R※2	◎/×	◎	◎	◎	○	×	×	×	◎	×
	LS600hL Executive package 4-passenger [DAA-UVF46-AEXQH(O)] Executive package 4-passenger L-Select [DAA-UVF46-AEXQH(OX)] Executive package 5-passenger [DAA-UVF46-AEXQH(Z)] Executive package 5-passenger L-Select [DAA-UVF46-AEXQH(ZX)]		◎	◎	◎	Driver's Seat: A Passenger Seat: P	◎/×	◎	◎	◎	◎	◎	◎	×	◎	○
	LS600hL [DAA-UVF46-AEXQH] L-Select [DAA-UVF46-AEXQH(X)]		◎	◎	◎	Driver's Seat: R ※1 Passenger Seat: P	◎/×	◎	◎	◎	◎	○	○	×	◎	○
	LS460 version L 2WD [DBA-USF40-AEZQH(L)] version L 2WD L-select [DBA-USF40-AEZQH(LX)] version L AWD [DBA-USF45-AEZQH(L)] version L AWD L-select [DBA-USF45-AEZQH(LX)]		◎	◎	◎	Driver's Seat: R ※1 Passenger Seat: P	◎/×	◎	◎	◎	○	○	○	×	◎	○
	LS460 F SPORT [DBA-USF40-AEZQH(F)] F SPORT L-select [DBA-USF40-AEZQH(FX)] version C/1 package 2WD [DBA-USF40-AEZQH(CI)] version C/1 package 2WD L-select [DBA-USF40-AEZQH(CX)] version C/1 package AWD [DBA-USF45-AEZQH(CI)] version C/1 package AWD L-select [DBA-USF45-AEZQH(CX)] version C 2WD [DBA-USF40-AEZQH(C)] version C AWD [DBA-USF45-AEZQH(C)]		◎	◎	◎	R※1	◎/×	◎	◎	◎	○	○	○	×	◎	○
	LS460 2WD [DBA-USF40-AEZQH] AWD [DBA-USF45-AEZQH]		◎	◎	◎	R※2	◎/×	◎	◎	◎	○	×	×	×	◎	×
	LS460L 2WD [DBA-USF41-AEZQH] 2WD L-Select [DBA-USF41-AEZQH(X)] AWD [DBA-USF46-AEZQH] AWD L-Select [DBA-USF46-AEZQH(X)] Executive package 4-passenger 2WD [DBA-USF41-AEZQH(O)] Executive package 4-passenger AWD [DBA-USF46-AEZQH(O)] Executive package 4-passenger 2WD L-Select [DBA-USF41-AEZQH(O)(OX)] Executive package 4-passenger AWD L-Select [DBA-USF46-AEZQH(O)(OX)] Executive package 5-passenger 2WD [DBA-USF41-AEZQH(Z)] Executive package 5-passenger AWD [DBA-USF46-AEZQH(Z)] Executive package 5-passenger 2WD L-Select [DBA-USF41-AEZQH(Z)(OX)] Executive package 5-passenger AWD L-Select [DBA-USF46-AEZQH(Z)(OX)]		◎	◎	◎	Driver's Seat: R ※1 Passenger Seat: P	◎/×	◎	◎	◎	◎	○	○	×	◎	○

○: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology						
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device											

TOYOTA MOTOR CORPORATION: LEXUS Brand

GS	GS450h version L [DAA-GWL10-BEXQB(L)] F SPORT [DAA-GWL10-BEXQB(F)] GS300h version L [DAA-AWL10-BEXQH(L)] F SPORT [DAA-AWL10-BEXQH(F)] GS350 2WD version L [DBA-GRL10-BEZQH(L)] F SPORT [DBA-GRL10-BEZQH(F)] AWD version L [DBA-GRL15-BETQH(L)] F SPORT [DBA-GRL15-BETQH(F)] GS250 version L [DBA-GRL11-BETQH(L)] F SPORT [DBA-GRL11-BETQH(F)]	C	○	○	○	P	○/×	○	○	○	○	○	○	○	○	○	○
	GS450h I package [DAA-GWL10-BEXQB(I)] [DAA-GWL10-BEXQB] GS300h I package [DAA-AWL10-BEXQH(I)] [DAA-AWL10-BEXQH] GS350 2WD I package [DBA-GRL10-BEZQH(I)] 2WD [DBA-GRL10-BEZQH] AWD I package [DBA-GRL15-BETQH(I)] AWD [DBA-GRL15-BETQH] GS250 I package [DBA-GRL11-BETQH(I)] [DBA-GRL11-BETQH]		○	○	○	P	○/×	○	○	○	○	○	○	○	○	○	○
IS	IS350 [DBA-GSE31-AEZH] IS300h [DAA-AVE30-AEXLH] IS250 2WD [DBA-GSE30-AETLH] AWD [DBA-GSE35-AETLH]	C	○	○	○	P	○/×	○	○	○	○	○	○	○	○	○	○
	IS350 version L [DBA-GSE31-AEZH(L)] F SPORT [DBA-GSE31-AEZH(F)] IS300h version L [DAA-AVE30-AEXLH(L)] F SPORT [DAA-AVE30-AEXLH(F)] IS250 2WD version L [DBA-GSE30-AETLH(L)] AWD version L [DBA-GSE35-AETLH(L)] 2WD F SPORT [DBA-GSE30-AETLH(F)] AWD F SPORT [DBA-GSE35-AETLH(F)]		○	○	○	P	○/×	○	○	○	○	○	○	○	○	○	○
IS C	IS350C F SPORT [DBA-GSE21-AKTLH(F)] [DBA-GSE21-AKTLH] IS250C version L [DBA-GSE20-AKTLH(L)] F SPORT [DBA-GSE20-AKTLH(F)] [DBA-GSE20-AKTLH]	C	○	○※3	×	P	○/×	○	○	○	○	○	○	○	○	○	○
IS F	All grades[All model codes]	C	○	○	○	P	○/×	○	○	○	○	○	○	○	○	○	○
HS	HS250h VersionL[DAA-ANF10-AEXVB(L)]	C	○	○	○	A	○/×	○	○	○	○	○	○	○	○	○	○
	HS250h VersionI[DAA-ANF10-AEXVB(I)]		○	○	○	R	○/×	○	○	○	○	○	○	○	○	○	○
	HS250h VersionC[DAA-ANF10-AEXVB(C)]		○	○	○	R	○/×	○	○	○	○	○	○	○	○	○	○
	HS250h[DAA-ANF10-AEXVB]		○	○	○	R	○/×	○	○	○	○	○	○	○	○	○	○
CT	All grades[All model codes]	B	○	○	○	P	○/×	○	○	○	○	○	○	○	○	○	○
RX	RX450h	C	○	○	○	R	○/×	○	○	○	○	○	○	○	○	○	○
	All grades[All model codes] RX350		○	○	○	R	○/×	○	○	○	○	○	○	○	○	○	○
	All grades[All model codes] RX270		○	○	○	R	○/×	○	○	○	○	○	○	○	○	○	○

※1 As optional, active seat is available ※3 Head and chest protective side air bags
※2 No rear PCS

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

TOYOTA MOTOR CORPORATION: TOYOTA Brand

CENTURY	All grades[All model codes]	C	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	◎	×
CROWN MAJESTA	Majesta[DAA-GWS214-AEXZB]	C	◎	◎	◎	P	◎/◎	◎	◎	◎	○	×	×	×	○	×
	VersionF[DAA-GWS214-AEXZB(F)]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	○	×
CROWN ATHLETE	2WD 2.5L Athlete [DBA-GRS210-AETWH] 2WD Hybrid Athlete [DAA-AWS210-AEXWH] 4WD 2.5L Athlete i-Four [DBA-GRS211-AETWH]	C	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	All grades except above [All model codes]		◎	◎	◎	P	◎/◎	◎	◎	◎	○	×	×	×	◎	×
CROWN Royal	2WD Royal[DBA-GRS210-AETLH] 2WD Hybrid Royal[DAA-AWS210-AEXLH] 4WD Royal i-Four[DBA-GRS211-AETLH]	C	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	All grades except above [All model codes]		◎	◎	◎	P	◎/◎	◎	◎	◎	○	×	×	×	◎	×
CROWN SEDAN	All grades[All model codes]	C	×	×	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×
CROWN COMFORT	All grades[All model codes]	B	×	×	×	N	×/×※2	◎	◎	◎	×	×	×	×	×	×
MARK X	2WD 3.5L PREMIUM [DBA-GRX133-AETUH]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	○	○	×	
	2WD 2.5L PREMIUM [DBA-GRX130-AETUH] 4WD PREMIUM Four [DBA-GRX135-AETUH]		◎	◎	◎	R	◎/×	◎	◎	◎	×	×	○	○	×	
	2WD 2.5L 250G "F package" [DBA-GRX130-AETZH(F)] 4WD 250G Four "F package" [DBA-GRX135-AETZH(F)]		◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	×	×
	2WD 3.5L 350S [DBA-GRX133-AETSH] 2WD 2.5L 250G "S package" [DBA-GRX130-AETZH(S)] 2WD 2.5L 250G [DBA-GRX130-AETZH] 4WD 250G Four [DBA-GRX135-AETZH]		◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	○	×
	Hybrid "Leather Package" [DAA-AV50-AEXNB(L)] Hybrid "G Package" [DAA-AV50-AEXNB(G)] Hybrid [DAA-AV50-AEXNB]		◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	◎
AVENSIS	Xi[DBA-ZRT272W-AWXEP]	B	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	×	×
PREMIO	2WD 2.0G LEATHER Package [DBA-ZRT261-AEXGP(S)]	B	◎	◎	◎	P	◎/×	◎	◎	○	×	×	×	×	○	×
	All grades except above [All model codes]		◎	◎	◎	P	◎/×	◎	◎	×	×	×	×	×	○	×
ALLION	A20 LEATHER Package [DBA-ZRT261-CEXGP(K)]	B	◎	◎	○	P	◎/×	◎	◎	○	×	×	×	×	○	×
	All grades except above [All model codes]		◎	◎	○	P	◎/×	◎	◎	×	×	×	×	×	○	×
SAI	G "A package" [DAA-AZK10-BEXSB(A)]	C	◎	◎	◎	R※1	◎/×	◎	◎	◎	◎	×	×	×	◎	×
	G [DAA-AZK10-BEXSB]		◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×
	S "C package" [DAA-AZK10-BEXQB(C)] S [DAA-AZK10-BEXQB]		◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	○	×
PRIUS	G Touring Selection Leather Package [DAA-ZVW30-AHXGB(L)]	B	◎	◎	◎	R	◎/×	◎	◎	◎	◎	×	×	◎	◎	×
	G [DAA-ZVW30-AHXGB] G Touring Selection [DAA-ZVW30-AHXGB(T)]		◎	◎	◎	R	◎/×	◎	◎	◎	○	×	×	○	○	×
	S Touring Selection [DAA-ZVW30-AHXEB(T)] S [DAA-ZVW30-AHXEB]		◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	○	○	×
	L [DAA-ZVW30-AHXBB]		◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	×	×
PRIUS α	S "touring selection" 5-passenger [DAA-ZVW41W-AXXEB(T)] S "touring selection" 7-passenger [DAA-ZVW40W-AWXEB(T)] S 5-passenger [DAA-ZVW41W-AXXEB(T)] S 7-passenger [DAA-ZVW40W-AWXEB(T)]	B	◎	◎	◎ ◎※3 (7-passenger) ◎(5-passenger)	P	◎/×	◎	◎	◎	×	×	×	○	○	×
	S "L selection" [DAA-ZVW41W-AXXEB(V)]		◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×
			◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×

○: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag			Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device												
				Front	Rear											

TOYOTA MOTOR CORPORATION: TOYOTA Brand

PRIUS α	G "touring selection" 5-passenger [DAA-ZVW41W-AXXGB(T)] G "touring selection" 7-passenger [DAA-ZVW40W-AWXGB(T)] G 7-passenger [DAA-ZVW40W-AWXGB] G 5-passenger [DAA-ZVW41W-AXXGB]	B	○	○	○ ^① ③ (7-passenger) ○ ^① (5-passenger)	P	○/×	○	○	○	○	○	×	×	○	○	×	
PRIUS PHV	G "Leather Package" [DLA-ZVW35-BHXGB(L)]	B	○	○	○	R	○/×	○	○	○	○	○	×	×	○	○	×	
	G [DLA-ZVW35-BHXGB]		○	○	○	R	○/×	○	○	○	○	○	×	×	○	○	×	
	S [DLA-ZVW35-BHXEB]		○	○	○	R	○/×	○	○	○	○	○	×	×	○	○	×	
	L [DLA-ZVW35-BHXBB]		○	○	○	R	○/×	○	○	○	○	○	×	×	×	×	×	
COROLLA Axio	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
COROLLA FIELDER	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
AURIS	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	○	×	
COROLLA RUMION	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
PORTE	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
SPADE	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
Vitz	F.U.Jewela SMART STOP package(1.3L 2WD) [DBA-NSP130-AHXNK(I)] [DBA-NSP130-AHXEK(I)] [DBA-NSP130-AHXGK(I)]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
	RS1. 5L(2WD)[DBA-NCP131-AHXVK]		○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
	All grades except above [All model codes]		○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
AQUA	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
RACTIS	All grades[All model codes]	A	○	○	○	P	○/×	○	○	○	○	×	×	×	×	○	×	
bB	2WD Z(kirameki)-G[CBA-QNC21-BHSGK(R)] 2WD Z(kirameki)[CBA-QNC21-BHSGK(K)]	A	○	○	○	R	○/×	○	○	○	○	×	×	×	×	×	×	
	All grades except above [All model codes]		○	○	○	R	○/×	○	○	○	○	×	×	×	×	×	×	
ist	All grades[All model codes]	A	○	○	○	R	○/×	○	○	○	○	×	×	×	×	○	×	
PASSO	1.3+Hana [DBA-NGC30-AHEFK] 1.0+Hana [DBA-KGC30-AHEBK] 1.0+Hana C Package [DBA-KGC35-AHEDK][DBA-KGC30-AHEBK(C)]	A	○	○	○	R	×/× ※5	○	○	○	○	×	×	×	×	×	○	×
	X 1.0L V Package [DBA-KGC30-AHEAK -V]		○	○	○	P	×/×※5	○	○	○	○	×	×	×	×	×	×	
	All grades except above [All model codes]		○	○	○	P	×/×※5	○	○	○	○	×	×	×	×	×	○	×
			○	○	○	P	○/—	×	○	○	○	○	×	×	×	×	×	×
iQ	100X 2Seater [DBA-KGJ10-BGXRGA)] All grades except above [All model codes]	A	○	×	—	P	○/—	×	○	○	○	×	×	×	×	×	×	
All grades except above [All model codes]	○		○	○	P	○/×	○	○	○	○	×	×	×	×	×	×		
Probox VAN	All grades[All model codes]	CV	×	×	×	P	×/×※2	○	○	○	○	×	×	×	×	×	×	
SUCCEED VAN	All grades[All model codes]	CV	×	×	×	P	×/×※2	○	○	○	○	×	×	×	×	×	×	
WISH	All grades[All model codes]	B	○	○	○	R	○/×	○	○	○	○	×	×	×	×	×	×	
SIENTA	2WD DICE G[DBA-NCP81G-KWXUK] 2WD DICE[DBA-NCP81G-KWXSU] 2WD G[DBA-NCP81G-KWXGK] 2WD X[DBA-NCP81G-KWXEK]	1Box	○	×	×	P	○/×	○	○	○	○	×	×	×	×	○	×	
	2WD X LPackage[DBA-NCP81G-KWXEK(L)]		○	×	×	P	○/×	○	○	○	○	×	×	×	×	○	×	
	4WD DICE G[DBA-NCP85G-KWPUK] 4WD DICE[DBA-NCP85G-KWPSK] 4WD G[DBA-NCP85G-KWPGK] 4WD X[DBA-NCP85G-KWPEK]		○	×	×	P	○/×	○	○	○	○	×	×	×	×	×	○	×
	4WD X LPackage[DBA-NCP85G-KWPEK(L)]		○	×	×	P	○/×	○	○	○	○	×	×	×	×	×	○	×
			○	×	×	P	○/×	○	○	○	○	×	×	×	×	×	○	×
			○	×	×	P	○/×	○	○	○	○	×	×	×	×	×	○	×
Isis	G [DBA-NCP81G-KWXGK] X[DBA-NCP81G-KWXEK] X LPackage[DBA-NCP81G-KWXEK(L)] All grades except above [All model codes]	1Box	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	
All grades except above [All model codes]	○		○	○	P	○/×	○	○	○	○	×	×	×	×	×	×		
86	All grades[All model codes]	B	○	○	○	P	○/×	○	○	○	○	×	×	×	×	×	×	

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology						
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device											

TOYOTA MOTOR CORPORATION: TOYOTA Brand

ALPHARD	Hybrid SR "Premium Seat package" 7-passenger [ATH20W-PFXSB(P)] Hybrid SR "C package" 7-passenger [ATH20W-PFXSB(C)] Hybrid SR 7-passenger [ATH20W-PFXSB] Hybrid G "Premium Seat package" 7-passenger [ATH20W-PFXQB(P)] Hybrid G "L package" 7-passenger [ATH20W-PFXQB(L)] Hybrid G 7-passenger [ATH20W-PFXQB]	1Box	◎	◎	◎※3	R	◎/×	◎	◎	◎	○	○	○	×	○	×	
	Hybrid SR "Equipped with Side Lift-up Seat" 7-passenger [ATH20W-PFXSB(W)] Hybrid X 7-passenger [ATH20W-PFXGB] Hybrid X "Equipped with Side Lift-up Seat" 7-passenger [ATH20W-PFXGB(W)]		◎	◎	◎※3	R	◎/×	◎	◎	◎	×	×	×	×	×	○	×
	2WD 240X 8-passenger [ANH20W-PRXGK] 4WD 240X 8-passenger [ANH25W-PRXGK] 2WD 240X "Equipped with Side Lift-up Seat" 7-passenger [ANH20W-PFXGK] 4WD 240X "Equipped with Side Lift-up Seat" 7-passenger [ANH25W-PFXGK] 2WD 350G "Equipped with Side Lift-up Seat" 7-passenger [GGH20W-PFTQK(W)] 4WD 350G "Equipped with Side Lift-up Seat" 7-passenger [GGH25W-PFTQK(W)] 2WD 240G "Equipped with Side Lift-up Seat" 7-passenger [ANH20W-PFXQK(W)] 4WD 240G "Equipped with Side Lift-up Seat" 7-passenger [ANH25W-PFXQK(W)] 2WD 350S 7-passenger [GGH20W-PFTSK] 2WD 350S 8-passenger [GGH20W-PRTSK] 4WD 350S 7-passenger [GGH25W-PFTSK] 4WD 350S 8-passenger [GGH25W-PRTSK] 2WD 240S 7-passenger [ANH20W-PFXSK] 2WD 240S 8-passenger [ANH20W-PRXSK] 4WD 240S 8-passenger [ANH25W-PRXSK] 2WD 240S "Equipped with Side Lift-up Seat" 7-passenger [ANH20W-PFXSK(W)] 4WD 240S "Equipped with Side Lift-up Seat" 7-passenger [ANH25W-PFXSK(W)]		◎	◎	◎※3	R	◎/×	◎	◎	◎	×	×	×	×	×	○	×
2WD 350G "Premium Seat package" 7-passenger [GGH20W-PFTQK(P)] 4WD 350G "Premium Seat package" 7-passenger [GGH25W-PFTQK(P)] 2WD 350G "L package" 7-passenger [GGH20W-PFTQK(L)] 4WD 350G "L package" 7-passenger [GGH25W-PFTQK(L)] 2WD 350G 7-passenger [GGH20W-PFTQK] 4WD 350G 7-passenger [GGH25W-PFTQK] 2WD 240G 7-passenger [ANH20W-PFXQK] 2WD 240G 8-passenger [ANH20W-PRXQK] 4WD 240G 7-passenger [ANH25W-PFXQK] 4WD 240G 8-passenger [ANH25W-PRXQK] 2WD 350S "C package" 7-passenger [GGH20W-PFTSK(C)] 4WD 350S "C package" 7-passenger [GGH25W-PFTSK(C)] 2WD 240S "C package" 7-passenger [ANH20W-PFXSK(C)] 4WD 240S "C package" 7-passenger [ANH25W-PFXSK(C)]	◎	◎	◎※3	R	◎/×	◎	◎	◎	○	○	○	○	×	○	×		

☉: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag			Seat type	Seatbelt Reminder (Front Passenger/s/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device												
			Front	Rear												

TOYOTA MOTOR CORPORATION: TOYOTA Brand

VELLFIRE	Hybrid ZR "Equipped with Side Lift-up Seat" 7-passenger [ATH20W-NFXSB(W)] Hybrid X 7-passenger [ATH20W-NFXGB] Hybrid X "Equipped with Side Lift-up Seat" 7-passenger [ATH20W-NFXGB(W)]	1Box	☉	☉	☉*3	R	☉/×	☉	☉	☉	×	×	×	×	○	×	
	Hybrid ZR "PREMIUM SEATEDITION" [ATH20W-NFXSB(P)] Hybrid ZR "G EDITION" [ATH20W-NFXSB(C)] Hybrid ZR [ATH20W-NFXSB] Hybrid V "PREMIUM SEATEDITION" [ATH20W-NFXQB(P)] Hybrid V "L EDITION" [ATH20W-NFXQB(L)] Hybrid V [ATH20W-NFXQB]		☉	☉	☉*3	R	☉/×	☉	☉	☉	○	○	○	×	○	○	×
	2WD 3.5Z 7-passenger [GGH20W-NFTSK] 2WD 3.5Z 8-passenger [GGH20W-NRTSK] 4WD 3.5Z 7-passenger [GGH25W-NFTSK] 4WD 3.5Z 8-passenger [GGH25W-NRTSK] 2WD 2.4Z 7-passenger [ANH20W-NFXSK] 2WD 2.4Z 8-passenger [ANH20W-NRXSK] 4WD 2.4Z 7-passenger [ANH25W-NFXSK] 4WD 2.4Z 8-passenger [ANH25W-NRXSK] 2WD 2.4Z "Equipped with Side Lift-up Seat" 7-passenger [ANH20W-NFXSK(W)] 4WD 2.4Z "Equipped with Side Lift-up Seat" 7-passenger [ANH20W-NFXSK(W)] 2WD 3.5V "Equipped with Side Lift-up Seat" 7-passenger [GGH20W-NFTQK(W)] 4WD 3.5V "Equipped with Side Lift-up Seat" 7-passenger [GGH25W-NFTQK(W)] 2WD 2.4V "Equipped with Side Lift-up Seat" 7-passenger [ANH20W-NFXQK(W)] 4WD 2.4V "Equipped with Side Lift-up Seat" 7-passenger [ANH25W-NFXQK(W)] 2WD 2.4X 8-passenger [ANH20W-NRXGK] 4WD 2.4X 8-passenger [ANH25W-NRXGK] 2WD 2.4X "Equipped with Side Lift-up Seat" 7-passenger [ANH20W-NFXGK] 4WD 2.4X "Equipped with Side Lift-up Seat" 7-passenger [ANH25W-NFXGK]		☉	☉	☉*3	R	☉/×	☉	☉	☉	×	×	×	×	○	○	×
2WD 3.5Z "G EDITION" 7-passenger [GGH20W-NFTSK(C)] 2WD 2.4Z "G EDITION" 7-passenger [ANH20W-NFXSK(C)] 4WD 3.5Z "G EDITION" 7-passenger [GGH25W-NFTSK(C)] 4WD 2.4Z "G EDITION" 7-passenger [ANH25W-NFXSK(C)] 2WD 3.5V "PREMIUM SEATEDITION" 7-passenger [GGH20W-NFTQK(P)] 4WD 3.5V "PREMIUM SEATEDITION" 7-passenger [GGH25W-NFTQK(P)] 2WD 3.5V "L EDITION" 7-passenger [GGH20W-NFTQK(L)] 4WD 3.5V "L EDITION" 7-passenger [GGH25W-NFTQK(L)] 2WD 3.5V 7-passenger [GGH20W-NFTQK] 4WD 3.5V 7-passenger [GGH25W-NFTQK] 2WD 2.4V 7-passenger [ANH20W-NFXQK] 2WD 2.4V 8-passenger [ANH20W-NRXQK] 4WD 2.4V 7-passenger [ANH25W-NFXQK] 4WD 2.4V 8-passenger [ANH25W-NRXQK]	☉	☉	☉*3	R	☉/×	☉	☉	☉	○	○	○	×	○	○	×		

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology						
			Side air bag		Seat type	Seatbelt Reminder (Front Passengers/ Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device											

TOYOTA MOTOR CORPORATION: TOYOTA Brand

ESTIMA	2WD 2.4L AERAS"Equipped with Side Lift-up Seat" 7-passenger [ACR50W-GFXSK(W)/ACR50W-GFXSK(U)] 4WD 2.4L AERAS"Equipped with Side Lift-up Seat" 7-passenger [ACR55W-GFXSK(W)/ACR55W-GFXSK(T)] 2WD 2.4L X 8-passenger [ACR50W-GRXEK/ACR50W-GRXEK(T)] 4WD 2.4L X 8-passenger [ACR55W-GRXEK/ACR55W-GRXEK(T)] 2WD 2.4L X"Equipped with Side Lift-up Seat" 7-passenger [ACR50W-GFXEK(W)/ACR50W-GFXEK(U)] 4WD 2.4L X"Equipped with Side Lift-up Seat" 7-passenger [ACR55W-GFXEK(W)/ACR55W-GFXEK(U)]	1Box	○	○	○※6	R	◎/×	◎	◎	○	×	×	×	×	○	×	
	2WD 3.5L AERAS"Leather package" 7-passenger [GSR50W-GFTSK(Q)/GSR50W-GFTSK(P)] 2WD 2.4L AERAS"Leather package" 7-passenger [ACR50W-GFXSK(Q)/ACR50W-GFXSK(P)] 4WD 3.5L AERAS"Leather package" 7-passenger [GSR55W-GFTSK(Q)/GSR55W-GFTSK(P)] 4WD 2.4L AERAS"Leather package" 7-passenger [ACR55W-GFXSK(Q)/ACR55W-GFXSK(P)] 2WD 3.5L AERAS 7-passenger [GSR50W-GFTSK/GSR50W-GFTSK(T)] 2WD 3.5L AERAS 8-passenger [GSR50W-GRTSK/GSR50W-GRTSK(T)] 2WD 2.4L AERAS 7-passenger [ACR50W-GFXSK/ACR50W-GFXSK(T)] 2WD 2.4L AERAS 8-passenger [ACR50W-GRXSK/ACR50W-GRXSK(T)] 4WD 3.5L AERAS 7-passenger [GSR55W-GFTSK/GSR55W-GFTSK(T)] 4WD 3.5L AERAS 8-passenger [GSR55W-GRTSK/GSR55W-GRTSK(T)] 4WD 2.4L AERAS 7-passenger [ACR55W-GFXSK/ACR55W-GFXSK(T)] 4WD 2.4L AERAS 8-passenger [ACR55W-GRXSK/ACR55W-GRXSK(T)]		○	○	○※6	R	◎/×	◎	◎	◎	×	×	×	×	○	×	
	2WD 3.5L G 7-passenger [GSR50W-GFTQK/GSR50W-GFTQK(T)] 2WD 2.4L G 7-passenger [ACR50W-GFXQK/ACR50W-GFXQK(T)] 4WD 3.5L G 7-passenger [GSR55W-GFTQK/GSR55W-GFTQK(T)] 4WD 2.4L G 7-passenger [ACR55W-GFXQK/ACR55W-GFXQK(T)]		○	○	○※6	R	◎/×	◎	◎	◎	○	○	○	×	○	○	×
	AERAS 7-passenger [AHR20W-GFXSB] AERAS 8-passenger [AHR20W-GRXSB] AERAS "Equipped with Side Lift-up Seat" 7-passenger [AHR20W-GFXEB] X 7-passenger [AHR20W-GFXEB] X 8-passenger [AHR20W-GRXEB] X "Equipped with Side Lift-up Seat" 7-passenger [AHR20W-GFXEB(W)]		1Box	○	○	○※6	R	◎/×	◎	◎	◎	×	×	×	×	○	×
	AERAS"Leather package" 7-passenger [AHR20W-GFXSB(P)]			○	○	○※6	R	◎/×	◎	◎	◎	×	×	×	×	◎	×
	G 7-passenger [AHR20W-GFXQB]			○	○	○※6	R	◎/×	◎	◎	◎	○	○	○	×	◎	×

○: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology						
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device											

TOYOTA MOTOR CORPORATION: TOYOTA Brand

NOAH	2WD X 7-passenger [ZRR70G-APXEP] 2WD X 8-passenger [ZRR70G-ARXEP] 4WD X 7-passenger [ZRR75G-APXEP] 2WD YY 5-passenger [ZRR70G-ANXNP] 4WD YY 5-passenger [ZRR75G-ANXNP]	1Box	○	○	○※6	P	○/×	○	○	○※4	×	×	×	×	×	×
	2WD Si 7-passenger [ZRR70W-APXSP] 2WD Si 8-passenger [ZRR70W-ARXSP] 4WD Si 7-passenger [ZRR75W-APXSP] 4WD Si 8-passenger [ZRR75W-ARXSP] 2WD S 7-passenger [ZRR70W-APXTP] 2WD S 8-passenger [ZRR70W-ARXTP] 4WD S 7-passenger [ZRR75W-APXTP] 4WD S 8-passenger [ZRR75W-ARXTP] 2WD G 7-passenger [ZRR70G-APXGP] 4WD G 7-passenger [ZRR75G-APXGP] 2WD X L Selection 7-passenger [ZRR70G-APXEP(L)] 2WD X L Selection 8-passenger [ZRR70G-ARXEP(L)] 4WD X L Selection 7-passenger [ZRR75G-APXEP(L)] 2WD X L Selection Equipped with Side Lift-up Seat 7-passenger [ZRR70G-APXEP(W)]		○	○	○※6	P	○/×	○	○	○※4	×	×	×	×	○	×
VOXY	2WD X 7-passenger [ZRR70G-BPXEP] 4WD X 7-passenger [ZRR75G-BPXEP] 2WD X 8-passenger [ZRR70G-BRXEP] 2WD TRANS-X 5-passenger [ZRR70G-BNXNP] 4WD TRANS-X 5-passenger [ZRR75G-BNXNP]	1Box	○	○	○※6	P	○/×	○	○	○※4	×	×	×	×	×	×
	2WD ZS 7-passenger [ZRR70W-BPXSP] 4WD ZS 7-passenger [ZRR75W-BPXSP] 2WD ZS 8-passenger [ZRR70W-BRXSP] 4WD ZS 8-passenger [ZRR75W-BRXSP] 2WD Z 7-passenger [ZRR70W-BPXTP] 4WD Z 7-passenger [ZRR75W-BPXTP] 2WD Z 8-passenger [ZRR70W-BRXTP] 4WD Z 8-passenger [ZRR75W-BRXTP] 2WD V 7-passenger [ZRR70G-BPXGP] 4WD V 7-passenger [ZRR75G-BPXGP] 2WD X L edition 7-passenger [ZRR70G-BPXEP(L)] 2WD X L edition 8-passenger [ZRR70G-BRXEP(L)] 4WD X L edition 7-passenger [ZRR75G-BPXEP(L)] 2WD X L edition Equipped with Side Lift-up Seat 7-passenger [ZRR70G-BPXEP(W)]		○	○	○※6	P	○/×	○	○	○※4	×	×	×	×	○	×
LAND CRUISER	ZX [URJ202W-GNTVK] AX G Selection [URJ202W-GNTAK-G] AX [URJ202W-GNTAK] GX 2 Row-Seating [URJ202W-GMTNK]	1Box	○	○	○※3	R	○/×	○	○	○	○	×	×	×	○	×
LAND CRUISER PRADO	4.0L TZ-G [GRJ151W-GKAZK] 4.0L TZ [GRJ150W-GKAGK] 2.7L TX "L package" [TRJ150W-GKPEK-L] 2.7L TX "L package" [TRJ150W-GGPEK-L] 2.7L TX [TRJ150W-GKPEK] 2.7L TX [TRJ150W-GGPEK]	1Box	○	○	○※3	R	○/×	○	○	○	○	×	×	×	○	×
	2WD PREMIUM "Advanced Package" [ZSU60W-ANXGP (A)] 4WD PREMIUM "Advanced Package" [ZSU65W-ANXGP (A)] 2WD PREMIUM [ZSU60W-ANXGP] 4WD PREMIUM [ZSU65W-ANXGP] 2WD ELEGANCE [ZSU60W-ANXMP] 4WD ELEGANCE [ZSU65W-ANXMP] 2WD GRAND [ZSU60W-ANXXP] 4WD GRAND [ZSU65W-ANXXP]		C	○	○	○	P	○/×	○	○	○	○	×	×	×	○
Rush	2WD X [ABA-J200E-GQGF] 2WD G "L package" [ABA-J200E-GQPF(A)] 2WD G [ABA-J200E-GQPF] 4WD X [ABA-J210E-GQGF] 4WD G "L package" [ABA-J210E-GQPF(A)] 4WD G [ABA-J210E-GQPF]	A	○	○	○	P	○/×	○	○	×	×	×	×	×	×	×
	2WD X [ABA-J200E-GQGF] 2WD G "L package" [ABA-J200E-GQPF(A)] 2WD G [ABA-J200E-GQPF] 4WD X [ABA-J210E-GQGF] 4WD G "L package" [ABA-J210E-GQPF(A)] 4WD G [ABA-J210E-GQPF]		○	○	○	P	○/×	○	○	○	×	×	×	×	×	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag			Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device												
				Front	Rear											

TOYOTA MOTOR CORPORATION: TOYOTA Brand

RAV4	2WD STYLE "SPackage" [ACA36W-AWXZK(S)] 2WD STYLE [ACA36W-AWXZK] 4WD STYLE "SPackage" [ACA31W-AWXZK(S)] 4WD STYLE [ACA31W-AWXZK]	C	○	○	○	R	◎/×	◎	◎	◎	×	×	×	×	×	×
FJ CRUISER	"Collor package" [GSJ15W-GKASK-A] "Black Collor package" [GSJ15W-GKASK-C] "Off-road package" [GSJ15W-GKASK-B] [GSJ15W-GKASK]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	×	×
HIACE WAGON	2WD DX [TRH214W-JDPDK] 4WD DX [TRH219W-JDPDK] 2WD GL [TRH214W-JDPNK] 4WD GL [TRH219W-JDPNK] 2WD Grand Cabin [TRH224W-LDPNK] 4WD Grand Cabin [TRH229W-LDPNK]	1Box	×	×	×	P	◎/×	◎	◎	×	×	×	×	×	○	×
TOWNACE/LITEACE (VAN)	All grades[All model codes]	CV	×	×	×	N	◎/×	×	×	×	×	×	×	×	×	×
TOWNACE/LITEACE (TRUCK)	All grades[All model codes]	CV	×	×	×	N	◎/×	×	×	×	×	×	×	×	×	×
PIXIS SPACE	2WD X [L575A-GBGF] 4WD X [L585A-GBGF] 2WD L [L575A-GBMF] 4WD L [L585A-GBMF] 2WD Custom RS [L575A-GBSZ] 4WD Custom RS [L585A-GBSZ] 2WD Custom G [L575A-GBVF] 4WD Custom G [L585A-GBVF] 2WD Custom X [L575A-GBSF] 4WD Custom X [L585A-GBSF]	M	×	×	×	N	×/×※2	◎	◎	×	×	×	×	×	×	×
PIXIS EPOCH	2WD X [LA300A-GBGF] 2WD L [LA300A-GBMF] 2WD D [LA300A-GBDF] 4WD Xf [LA310A-GBGF] 4WD Lf [LA310A-GBMF]	M	×	×	×	N	×/×※2	◎	◎	×	×	×	×	×	×	×
	2WD X "SA" [LA300A-GBGF-S] 2WD L "SA" [LA300A-GBMF-S] 4WD Xf "SA" [LA310A-GBGF-S] 4WD Lf "SA" [LA310A-GBMF-S]		×	×	×	N	×/×※2	◎	◎	◎	◎	×	×	×	×	×
	2WD G "SA" [LA300A-GBPF] 4WD Gf "SA" [LA310A-GBPF]		◎	×	×	N	×/×※2	◎	◎	◎	◎	×	×	×	×	×
PIXIS VAN	All grades[All model codes]	M	×	×	×	N	×/×※2	×	×	×	×	×	×	×	×	×
PIXIS TRUCK	All grades[All model codes]	M	×	×	×	N	×/×※2	×	×	×	×	×	×	×	×	×

※1 The active seat is available as an option for the driver's seat only
※2 The driver's seat only
※3 3rd row seat: ◎

※4 A set with the side and curtain sealed airbags
※5 Equipped with a seatbelt information indicator in the instrument cluster of the driver's seat
※6 3rd row seat: ○

NISSAN MOTOR CO., LTD.

CIMA※1	All grades[All models]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	◎	×	×	◎	×
FUGA※1	370VIP, 370GT Type S[DBA-KY51]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	◎	×	×	◎	×
	370GT[DBA-KY51], 250GT, 250VIP[DBA-Y51], 370GT FOUR[DBA-KNY51]		◎	◎	◎	R	×/×	◎	◎	◎	○	○	×	×	◎	×
FUGA HYBRID※1	250GT A Package[DBA-Y51], 370GT FOUR A Package[DBA-KNY51]	C	◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×
	FUGA HYBRID VIP, FUGA HYBRID[DAA-HY51]		◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×
GT-R※1	All grades[All models]	C	○	○	×	N	×/×	◎	◎	◎	×	×	×	×	○	×
FAIRLADY Z COUPE※1	All grades[All models]	C	◎	◎	—	R	×/—	—	◎	◎	×	×	×	×	○	×
FAIRLADY Z ROADSTAR※1	All grades[All models]	C	◎	◎※2	—	R	×/—	—	◎	◎	×	×	×	×	○	×
TEANA	250XV[DBA-J32]	C	◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×
	250XL Sporty Selection, 250XL, 250XE, 250XL Premium Selection[DBA-J32]		◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	○	×
	250XL FOUR, 250XE FOUR, 250XL FOUR Premium Selection[CBA-TNJ32]		◎	◎	◎	R	×/×	◎	◎	×	×	×	×	×	○	×
SKYLINE CROSSOVER	370GT Type P[DBA-J50], 370GT FOUR Type P[DBA-NJ50]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	◎	×	×	◎	×
	370GT[DBA-J50], 370GT FOUR[DBA-NJ50]		◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×
SKYLINE	All grades[All models]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	×	×	×	×	◎
SKYLINE COUPE※1	All grades excluding the following[All models]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	×	×	×	×	◎
	370GT A Package[DBA-CKV36]		◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	×	◎
Cedric	All grades[All models]	B	×	×	×	N	×/×	◎	×	×	×	×	×	×	×	×

☉: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

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SYLPHY	S.X[DBA-TB17]	B	×	×	×	P	×/×	☉	☉	☉	×	×	×	×	○	×
	G[DBA-TB17]		☉	☉	☉	P	×/×	☉	☉	☉	×	×	×	×	○	×
LATIO	S[DBA-N17]	EV	×	×	×	P	×/×	☉	☉	○	×	×	×	×	○	×
	X[DBA-N17]		×	○	○	P	×/×	☉	☉	○	×	×	×	×	○	×
	G[DBA-N17]		×	○	○	P	×/×	☉	☉	☉	×	×	×	×	○	×
LEAF	S[ZAA-AZE0]	A	☉	☉	☉	P	×/×	☉	☉	☉	×	×	×	×	○	×
	X[ZAA-AZE0]		☉	☉	☉	P	×/×	☉	☉	☉	×	×	×	×	○	×
	G[ZAA-AZE0]		☉	☉	☉	P	×/×	☉	☉	☉	×	×	×	×	○	×
NOTE	S, S DIG-S, X[DBA-SE12]	A	×	×	×	P	×/×	☉	☉	×	×	×	×	×	○	×
	X DIG-S Emergency Brake Package[DBA-E12].X FOUR Emergency Brake Package[DBA-NE12]		×	○	○	P	×/×	☉	☉	☉	☉	×	×	○	×	
	X Emergency Brake Package[DBA-E12]		×	×	×	P	×/×	☉	☉	☉	☉	×	×	○	×	
	X DIG-S[DBA-E12].X FOUR[DBA-NE12]		×	○	○	P	×/×	☉	☉	×	×	×	×	×	○	×
NOTE MEDALIST	MEDALIST[DBA-E12]	A	×	○	○	P	×/×	☉	☉	×	×	×	×	○	×	
	MEDALIST Emergency Brake Package[DBA-E12]		×	○	○	P	×/×	☉	☉	☉	☉	×	×	○	×	
MARCH	S[DBA-K13]	A	×	×	×	P	×/×	☉	☉	×	×	×	×	○	×	
	X[DBA-K13].X FOUR[DBA-NK13]		×	×	×	P	×/×	☉	☉	○	×	×	×	○	×	
	X V Selection, G[DBA-K13].X FOUR V Selection.G FOUR[DBA-NK13]		×	○	○	P	×/×	☉	☉	○	×	×	×	○	×	
WINGROAD	All grades[All models]	A	×	○	○	R	×/×	☉	☉	×	×	×	×	○	×	
cube	15X, 15X V Selection [DBA-Z12]	A	×	×	×	R	×/×	☉	×	○	×	×	×	○	×	
	15G[DBA-Z12]		×	☉	☉	R	×/×	☉	×	☉	×	×	×	○	×	
	15X FOUR, 15X FOUR V Selection[DBA-NZ12]		×	×	×	R	×/×	☉	×	×	×	×	×	○	×	
ELGRAND	350Highway STAR Premium 2WD[DBA-PE52], 350Highway STAR Premium 4WD[DBA-PNE52]	1Box	☉	☉	☉*3	R	×/×	☉	☉	☉	☉	×	×	×	○	×
	350Highway STAR Urban CHROME Black Leather 2WD[DBA-PE52], 350Highway STAR Urban CHROME Black Leather 4WD[DBA-PNE52], 350/250Highway STAR Urban CHROME 2WD[DBA-TE52 (DBA-PE52)], 350/250Highway STAR Urban CHROME 4WD[DBA-TNE52 (DBA-PNE52)], 350Highway STAR Black Leather 2WD[DBA-PE52], 350Highway STAR Black Leather 4WD [DBA-PNE52], 350/250Highway STAR 2WD[DBA-TE52 (DBA-PE52)], 350/250Highway STAR 4WD[DBA-TNE52 (DBA-PNE52)]		☉	☉	☉*3	R	×/×	☉	☉	☉	○	×	×	×	○	×
	250Highway STAR Urban CHROME Black Leather 2WD[DBA-TE52], 250Highway STAR Urban CHROME Black Leather 4WD[DBA-TNE52], 250Highway STAR Black Leather 2WD[DBA-TE52], 250Highway STAR Black Leather 4WD[DBA-TNE52], 250XG 2WD[DBA-TE52], 250XG 4WD[DBA-TNE52]		☉	☉	☉*3	R	×/×	☉	☉	☉	×	×	×	×	○	×
NV350 CARAVAN	All grades[All models]	1Box	×	×	×	N	×/×	×	×	×	×	×	×	○	×	
SERENA	20S 2WD[DBA-C26], 20S 4WD[DBA-NC26]	1Box	×	×	×	R	×/×	☉	☉	×	×	×	×	○	×	
	20X S-HYBRID 2WD[DAA-HC26], 20X 4WD[DBA-NC26]		×	×	×	R	×/×	☉	☉	☉	☉	×	×	○	×	
	20G S-HYBRID 2WD[DAA-HC26].Highway STAR S-HYBRID 2WD.Highway STAR G S-HYBRID[DAA-HFC26].20G 4WD[DBA-NC26].Highway STAR 4WD[DBA-FNC26]		○	○	○*4	R	×/×	☉	☉	☉	☉	☉	×	×	○	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

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LAFESTA Highway STAR	Highway STAR J Package 2WD[DBA-CWEFVN, Highway STAR 4WD[DBA-CWEAWN]	1Box	×	×	×	P	◎/×	◎	◎	×	×	×	×	×	○	×
	Highway STAR 2WD[DBA-CWEFVN]		×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	○	×
	Highway STAR G 2WD, Highway STAR G Supremo 2WD[DBA-CWEFVN]		◎	◎	◎※3	P	◎/×	◎	◎	◎	×	×	×	×	○	×
	Highway STAR G 4WD[DBA-CWEAWN]		◎	◎	◎※3	P	◎/×	◎	◎	×	×	×	×	×	○	×
MURANO	All grades[All models]	C	◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×
X-TRAIL	All grades excluding the following[All models]	B	○	○	○	P	×/×	◎	◎	◎	×	×	×	○	×	
	20X Emergency Brake Package 2WD[DBA-T32], 20X Emergency Brake Package 4WD, 20X X-TREMER X Emergency Brake Package 4WD[DBA-NT32]		○	○	○	P	×/×	◎	◎	◎	◎	×	×	×	○	×
X-TRAIL Clean Diesel	20GT, 20GT X-TREMER X, 20GT Black X-TREMER X [LDA-DNT31]	B	○	○	○	R	×/×	◎	◎	◎	×	×	×	×	○	×
	20G ST, 20GT S X-TREMER X[LDA-DNT31]		×	×	×	R	×/×	◎	◎	◎	×	×	×	×	○	×
DUALIS	All grades[All models]	B	◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	○	×
JUKE	15RX Type V, 15RS Personalize Package, 15RS Urban Selection[DBA-YF15], 16GT Type V[CBA-F15], 16GT FOUR Type V[CBA-NF15]	A	○	○	○	R	×/×	◎	◎	◎	×	×	×	×	○	×
	15RS Type V[DBA-YF15]		×	×	×	R	×/×	◎	◎	◎	×	×	×	×	○	×
	NISMO[CBA-NF15]		◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	○	×
MOCO	All grades[All models]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	○	×	
AD	All grades[All models]	CV	×	×	×	N	×/×	×	◎	×	×	×	×	○	×	
AD EXPERT	All grades[All models]	CV	×	×	×	N	×/×	×	◎	×	×	×	×	○	×	
NV200 VANETTE	DX (2-seater) [D B F - V M20]	CV	×	×	×	N	×/—	—	×	×	×	×	×	×	○	×
	DX, VX, GX [D B F - V M20]		×	×	×	N	×/×	○	×	×	×	×	×	×	○	×
	16X-2R, 16X-3R [D B F - M20]	1Box	×	×	×	N	×/×	◎	×	×	×	×	×	○	×	
VANETTE VAN	All grades[All models]	CV	×	×	×	N	×/×	×	◎	×	×	×	×	×	○	×
VANETTE TRUCK	All grades[All models]	CV	×	×	×	N	×/—	—	×	×	×	×	×	×	○	×
NV100 CLIPPER	All grades[All models]	CV	×	×	×	N	×/×	×	◎	×	×	×	×	×	○	×
NT100 CLIPPER	All grades[All models]	CV	×	×	×	N	×/—	—	×	×	×	×	×	×	○	×
NV100 CLIPPER RIO	All grades[All models]	M	×	×	×	N	×/×	◎	×	×	×	×	×	×	○	×
DAYZ	J[DBA-B21W]	M	×	×	×	N	◎/×	◎	×	×	×	×	×	×	○	×
	S[DBA-B21W]		×	×	×		◎/×	◎	◎	×	×	×	×	×	○	×
	X[DBA-B21W]		×	×	×		◎/×	◎	◎	×	×	×	×	×	○	×
DAYZ Highway STAR	Highway STAR J [DBA-B21W]	M	×	×	×	N	◎/×	◎	×	×	×	×	×	×	○	×
	Highway STAR X 2WD, 4WD [DBA-B21W]		×	×	×		◎/×	◎	◎	×	×	×	×	×	○	×
	Highway STAR G 2WD, 4WD [DBA-B21W]		×	×	×		◎/×	◎	◎	×	×	×	×	×	○	×
	Highway STAR G Turbo 2WD [DBA-B21W]		×	×	×		◎/×	◎	◎	◎	×	×	×	×	○	×
	Highway STAR G Turbo 4WD [DBA-B21W]		×	×	×		◎/×	◎	◎	×	×	×	×	×	○	×

※1 Pop-up engine hood system ※3 3rd row seat: ◎
※2 Door-mount curtain airbag system ※4 3rd row seat: ○

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ACCORD HYBRID	LX[DAA-CR6]	C	◎	◎	◎	P	◎/◎	◎	◎	×	×	×	×	◎	×
	EX[DAA-CR6], PHEV[DLA-CR6]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	◎	×	◎	×
INSIGHT	All Grades[All Types]	A	○	○	○	P	×/×	◎	◎	◎	×	×	×	○	×
INSIGHT EXCLUSIVE	All Grades except grades below[All Types]	A	○	○	○	P	×/×	◎	◎	◎	×	×	×	○	×
	XL[DAA-ZE3], XL Internavi select[DAA-ZE3]		○	○	○	P	×/×	◎	◎	◎	×	×	×	○	×
N BOX	All Grades[All Types]	M	○	○	○	P	◎/×	◎	◎	◎	○	×	×	○	×
N+ Box	All Grades[All Types]	M	○	○	○	P	◎/×	◎	◎	◎	○	×	×	○	×
N BOX Custom	G Grade[***]	M	○	○	○	P	◎/×	◎	◎	◎	○	×	×	○	×
	A Package·Turbo A Package		◎	◎	◎	P	◎/×	◎	◎	◎	○	×	×	○	×
N BOX+ Custom	G Grades[***]	M	○	○	○	P	◎/×	◎	◎	◎	○	×	×	○	×
	A Package·Turbo A Package		◎	◎	◎	P	◎/×	◎	◎	◎	○	×	×	○	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

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N-ONE	G ,Tourer ,Premium, Premium Tourer[DBA-JG1,JG2]	M	×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	○	×
	G LPackage,Tourer Lpackage ,Premium LPackage[DBA-JG1,JG2]		○	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	○	×
	Premium Tourer LPackage[DBA-JG1,JG2]		◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	○	×
N-WGN	All Grades except garades below[All Types]	M	○	○	○	P	◎/○	◎	◎	◎	○	×	×	×	○	×
	G[DBA-JH1,JH2] Custom G[DBA-JH1,JH2]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	○	×
ODYSSEY	B[DBA-RC1,RC2]	1Box	×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	◎	×
	G [DBA-RC1,RC2] ABSOLUTE [DBA-RC1 8passengers]		○	○	○※1	P	◎/×	◎	◎	◎	○	×	×	×	◎	×
	G EX[DBA-RC1,RC2] ABSOLUTE EX[DBA-RC1,RC2]		◎	◎	◎※2	P	◎/×	◎	◎	◎	◎	×	×	×	◎	×
	ABSOLUTE EX[DBA-RC1 7passengers ,RC2]		◎	◎	◎※2	P	◎/×	◎	◎	◎	◎	×	×	×	◎	×
CR-V	All Grades[All Types]	C	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	○	×
CR-Z	All Grades[All Types]	A	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×
STEPWGN	All Grades except grades below[All Types]	1Box	×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
	G E selection, G Comfort selection [DBA-RK1]		○	○	○※1	P	×/×	◎	◎	◎	◎	×	×	×	×	○
STEPWGN SPADA	All Grades except grades below[All Types]	1Box	×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
	L[DBA-RK1,RK2]		◎	◎	◎※2	P	×/×	◎	◎	◎	◎	×	×	×	◎	×
	Z[DBA-RK5]		○	○	○※1	P	×/×	◎	◎	◎	◎	×	×	×	×	○
STREAM	All Grades except grades below[All Types]	1Box	×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
	1.8L RSG[DBA-RN6]		○	○	○※1	P	×/×	◎	◎	◎	◎	×	×	×	×	○
VAMOS	G[ABA-HM1,HM2]	M	×	×	×	N	×/×	◎	◎	◎	×	×	×	×	○	×
VAMOS Hobio	G[ABA-HM3,HM4]	M	×	×	×	N	×/×	◎	◎	◎	×	×	×	×	×	×
	P r o [EBD-HJ1,HJ2]		×	×	×	N	×/×	◎	◎	◎	×	×	×	×	×	×
FIT	All Grades except grades below[All Types]	A	×	×	×	P	◎/×	◎	◎	◎	○	×	×	×	○	×
	HYBRID [DAA-GP5] 13G[DBA-GK3,GK4]		◎	◎	◎	P	◎/×	◎	◎	◎	○	×	×	×	○	×
FIT SHUTTLE	All Grades[All Types]	A	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×
FREED HYBRID	Hybrid[DAA-GP3]	1Box	○	○	○※1	P	×/×	◎	◎	◎	×	×	×	×	○	×
	Hybrid Just selection[DAA-GP3]		×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
FREED	G[DBA-GB3,GB4]	1Box	×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
	G special edition,G Aero special edition,Hybrid special edition[DBA-GB3,GB4]		×	×	×	P	×/×	◎	◎	◎	×	×	×	×	◎	×
	G Just selection,G Aero [DBA-GB3,GB4]		○	○	○※1	P	×/×	◎	◎	◎	◎	×	×	×	×	○
FREED Spike	G[DBA-GB3,GB4], Hybrid[DAA-GP3]	A	×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
	G Just selection,G Aero [DBA-GB3,GB4], Hybrid Just selection [DAA-GP3]		○	○	○	P	×/×	◎	◎	◎	◎	×	×	×	×	◎
VEZEL	HYBRID[DAA-RU3,RU4]	A	○	○	○	P	◎/×	◎	◎	◎	○	×	×	×	◎	×
	G[DAA-RU3,RU4]		○	○	○	P	◎/×	◎	◎	◎	○	×	×	×	◎	×
	X , S[DAA-RU3]		◎	◎	◎	P	◎/×	◎	◎	◎	◎	×	×	×	◎	×
	HYBRID X [DAA-RU3,RU4] , HYBRID X L Package [DAA-RU4] , HYBRID Z [DAA-RU3]		◎	◎	◎	P	◎/×	◎	◎	◎	◎	×	×	×	◎	×
Life	All Grades[All Types]	M	×	×	×	N	×/×	◎	◎	◎	×	×	×	×	○	×
Life DIVA	All Grades[All Types]	M	×	×	×	N	×/×	◎	◎	◎	×	×	×	×	○	×
ACTY TRUCK	STD[EBD-HA8],ATTACK[EBD-HA9]	CV	×	×	×	N	×/—	×	×	×	×	×	×	×	×	×
	SDX ,TOWN[EDB-HA8,HA9]		×	×	×	N	×/—	×	○	×	×	×	×	×	×	×
ACTY VAN	PRO-A[EBD-HH5,HH6]	CV	×	×	×	N	×/×	×	×	×	×	×	×	×	×	×
	SDX[EBD-HH5,HH6]		×	×	×	N	×/×	×	○	×	×	×	×	×	×	×

※1 3rd row seat: ○ ※2 3rd row seat: ◎

MAZDA MOTOR CORPORATION

BIANTE	20C-SKYACTIV[DBA-CCFFW]	1Box	×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
	20C(4WD)[DBA-CCEAW]		×	×	×	P	×/×	◎	◎	◎	×	×	×	×	○	×
	20S-SKYACTIV,GRANZ-SKYACTIV [DBA-CCFFW]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×
	GRANZ(4WD)[DBA-CCEAW]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×
MPV	All grades [All models]	1Box	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×
ATENZA	Sedan 20S, Wagon 20S [DBA-GJEFP, DBA-GJEFW]	C	◎	◎	◎	P	◎/×	◎	◎	◎	◎	○	×	×	○※3	×
	Sedan 25S L-Package, Wagon25S L-Package [DBA-GJ5FP, DBA-GJ5FW]		◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎	×	×	○※3	×
	Sedan XD / XD L-Package, Wagon XD / XD L-Package [LDA-GJ2FP, LDA-GJ2FW]		◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎	○※5	×	×	○※3

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology						
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning
			Chest protection device (Equipment of Front seat)	Head protection device											

MAZDA MOTOR CORPORATION

AXELA	AXELA HYBRID HYBRID-C / HYBRID-S / HYBRID-S L Package [DAA-BYEFP]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×	
	AXELA Sport 20S / 20S Touring / 20S Touring L Package [DBA-BMEFS]		◎	◎	◎	P	◎/×	◎	◎	◎	◎	×	×	×	×	×	
	AXELA Sport XD [LDA-BM2FS]		◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎	×	×	×	×	
CX-5	AXELA Sport / AXELA Sedan 15C / 15S [DBA-BM5FS, DMA-BM5AS, DBA-BM5FP, DBA-BM5AP]	B	◎	◎	◎	P	◎/×	◎	◎	◎	◎※2	×	×	×	×	×	
	2WD 20C/20S[DBA-KEEFW]		B	◎	◎	◎	P	◎/×	◎	◎	◎	◎	×	×	×	◎	×
	2WD 25S L-Package[DBA-KE5FW]		C	◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎※1	×	×	◎	×
	4WD 25S/25S L-Package[DBA-KE5AW]			◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎※1	×	×	◎	×
	2WD XD/XD L-Package[LDA-KE2FW]			◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎※1	×	×	◎	×
4WD XD/XD L-Package[LDA-KE2AW]	◎	◎		◎	P	◎/×	◎	◎	◎	◎	◎※1	×	×	◎	×		
ROADSTER	S, NR-A [DBA-NCEC]	B	×	×	×	P	×/—	×	×	×	×	×	×	×	×	×	
	RS, VS RHT, RS RHT, S RHT [DBA-NCEC]		◎	◎	×	P	×/—	×	×	◎	×	×	×	×	×	×	
DEMIO	13-SKYACTIV [DBA-DEJFS]	A	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
	SPORT [DBA-DE5FS]		○	○	○	P	×/×	◎	◎	×	×	×	×	×	×		
	13C, 13C-V SMART EDITION II, 15C [DBA-DE3FS, DBA-DE3AS, DBA-DE5FS]		×	×	×	P	×/×	◎	×	×	×	×	×	×	×	×	
VERISA	L Grade [All Types]	A	○	○	○	P	×/×	◎	◎	×	×	×	×	×	○	×	
	C Grade [All Types]		×	×	×	P	×/×	◎	◎	×	×	×	×	×	○	×	
PREMACY	20CS [DBA-CWEFW]	1Box	×	×	×	P	◎/×	◎	◎	×	×	×	×	×	×	×	
	20S-SKYACTIV, 20C-SKYACTIV, 20S-SKYACTIV L Package [DBA-CWFFW]		◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	○	×	
	20C 4WD [DBA-CWEAW]		×	×	×	P	◎/×	◎	◎	×	×	×	×	×	○	×	
CAROL	20S 4WD [DBA-CWEAW]	M	◎	◎	◎	P	◎/×	◎	◎	×	×	×	×	×	○	×	
	GS [DBA-HB25S]		×	×	×	N	×/×	◎	×	×	×	×	×	×	×	×	
FLAIR	ECO-L, ECO-X [DBA-HB35S]	M	×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	×	
	XG Custom Style XT [DBA-MJ34S]		×	×	×	N	×/×	◎	◎	×	×	×	×	×	×	×	
FLAIR WAGON	XS Custom Style XS [DBA-MJ34S]	M	×	×	×	N	×/×	◎	◎	○	○	×	×	×	×	×	
FLAIR CROSSOVER	All grades [DBA-MM32S]	M	×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	○	×	
SCRUM WAGON	All grades [DBA-MS31S]	M	×	×	×	N	×/×	◎	◎	◎	◎	×	×	×	×	×	
SCRUM WAGON	All grades [ABA-DG64W]	M	×	×	×	N	×/×	◎	×	×	×	×	×	×	×	×	
SCRUM VAN	All grades [All models]	M	×	×	×	N	×/×	×	×	×	×	×	×	×	×	×	
SCRUM TRUCK	All grades [EBD-DG16T]	M	×	×	×	N	×/×	×	×	×	×	×	×	×	×	×	
FAMILIA VAN	GX, LX, VX [DBF-BVY12, DBF-BVZNY12, DBF-BVJY12]	CV	×	×	×	N	×/×	×	×	×	×	×	×	×	×	×	
	DX, VE [DBF-BVY12, DBF-BVZNY12]		×	×	×	N	×/×	×	×	×	×	×	×	×	×	×	
BONGO VAN	All grades [All models]	CV	×	×	×	N	×/×	×	×	×	×	×	×	×	×※4	×	
BONGO TRUCK	All grades [All models]	CV	×	×	×	N	×/×	×	×	×	×	×	×	×	×	×	

※1 Option for L-Package only
 ※2 Option for 15S only
 ※3 The rear camera is a standard feature, but it requires the optional navigation system to be used
 ※4 The parking mirror is a standard feature
 ※5 Standard features for XD L Package

MITSUBISHI MOTORS CORPORATION

PAJERO	GR(Diesel, Gasoline)[LDA-V98W, DBA-V93W]	C	○	○	○	N	×/×	◎	◎	◎	×	×	×	×	×	×
	VR- I (Gasoline)[DBA-V83W]		○	○	○	N	×/×	◎	◎	◎	×	×	×	×	×	×
	VR- II (Diesel)[LDA-V88W]		○	○	○	N	×/×	◎	◎	◎	×	×	×	×	○	×
	EXCEED(Diesel, Gasoline) [LDA-V98W, DBA-V93W]		○	○	○	N	×/×	◎	◎	◎	×	×	×	×	○	×
	SUPER EXCEED(Diesel) [LDA-V98W]		◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	◎	×
OUTLANDER	20G(2WD)[DBA-GF7W]	C	◎	◎	◎※3	P	◎/◎※1	◎	◎	◎	×	×	×	×	○	×
	24G(4WD)[DBA-GF8W]		◎	◎	◎※3	P	◎/◎※1	◎	◎	◎	×	×	×	×	○	×
	24G Safety Package(4WD) [DBA-GF8W]		◎	◎	◎※3	P	◎/◎※1	◎	◎	◎	◎	×	×	○	×	
	24G Navi Package(4WD) [DBA-GF8W]		◎	◎	◎※3	P	◎/◎※1	◎	◎	◎	◎	×	×	◎	×	
	PHEV E(4WD) [DLA-GG2W]		◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
	PHEV G(4WD) [DLA-GG2W]		◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	○	×
	PHEV G Safety Package(4WD) [DLA-GG2W]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	○	×
	PHEV G Navi Package(4WD) [DLA-GG2W]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	◎	×
	PHEV G Premium Package(4WD) [DLA-GG2W]		◎	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	◎	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

MITSUBISHI MOTORS CORPORATION

RVR	E (2WD)[DBA-GA4W]	B	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
	M, G (2WD)[DBA-GA4W]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	M, G (4WD)[DBA-GA4W]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×	
DELICA D:5	M(4WD, Gasoline)[DBA-CV5W]	1Box	×	○	○※2	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	M(2WD, Gasoline)[DBA-CV2W]		×	○	○※2	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	G-Power package(4WD, Gasoline)[DBA-CV5W]		×	○	○※2	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	G-Power package(2WD, Gasoline)[DBA-CV2W]		×	○	○※2	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	G-Premium(4WD, Gasoline)[DBA-CV5W]		×	○	○※2	P	×/×	◎	◎	◎	×	×	×	×	◎	×	
	D-Power package(4WD, Diesel)[LDA-CV1W]		×	○	○※2	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	D-Premium(4WD, Diesel)[LDA-CV1W]		×	○	○※2	P	×/×	◎	◎	◎	×	×	×	×	◎	×	
DELICA D:3	G, M (2WD)[DBA-BM20]	1Box	×	×	×	N	×/×	◎	×	×	×	×	×	×	×		
DELICA D:2	S AS&G[DBA-MB15S]	1Box	◎	×	×	P	×/×	◎	◎	◎	×	×	×	×	×	×	
	X[DBA-MB15S]		◎	×	×	P	×/×	◎	◎	◎	×	×	×	×	×		
	S[DBA-MB15S]		◎	×	×	P	×/×	◎	◎	◎	×	×	×	×	×	×	
DIGNITY	VIP[DAA-BHGY51]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	◎	×	×	◎	×	
PROUDIA	250[DBA-BY51]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	◎	×	×	◎	×	
	250VIP[DBA-BY51], 370VIP[DBA-BKY51], 370_4WD[DBA-BKNY51]		◎	◎	◎	R	×/×	◎	◎	◎	◎	◎	◎	×	×	◎	×
			◎	◎	◎	R	×/×	◎	◎	◎	◎	◎	◎	×	×	◎	×
LANCER EVOLUTION X	GSR-Premium[CBA-CZ4A]	B	◎	◎	◎	P	×/×	◎	◎	◎	×	×	×	×	◎	×	
	GSR[CBA-CZ4A]		◎	◎	◎	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	RS[CBA-CZ4A]		×	×	×	P	×/×	◎	×	×	×	×	×	×	×	×	
GALANT FORTIS	RALLIART[CBA-CY4A]	B	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	SUPER EXCEED[DBA-CY6A]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	EXCEED[DBA-CY6A]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×	
GALANT FORTIS SPORTBACK	RALLIART[CBA-CX4A]	B	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×	
	SPORT[DBA-CX6A]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	○	×	
MIRAGE	E[DBA-A05A]	A	○	○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
	S[DBA-A05A]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
	M[DBA-A05A]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
	G[DBA-A05A]		○	○	○	P	×/×	◎	◎	◎	×	×	×	×	×	×	
i	i-MiEV(M)[ZAA-HA4W]	EV	×	◎	◎	P	×/×	◎	◎	◎	×	×	×	×	×	×	
	i-MiEV(G)[ZAA-HA4W]		×	◎	◎	P	×/×	◎	◎	◎	×	×	×	×	×	×	
eK custom	T[DBA-B11W]	M	×	×	×	P	◎/×	◎	◎(2WD) ×(4WD)	◎(2WD) ×(4WD)	×	×	×	×	◎	×	
	G[DBA-B11W]		×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	◎	×	
	M[DBA-B11W]		×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	×	×	
eK wagon	G[DBA-B11W]	M	×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	◎	×	
	M[DBA-B11W]		×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	×	×	
	E[DBA-B11W]		×	×	×	P	◎/×	◎	◎	◎	×	×	×	×	×	×	
DELICA VAN	GX[DBF-BVM20]	CV	×	×	×	N	×/×	◎	◎	◎	×	×	×	×	×	×	
	DX[DBF-BVM20]		×	×	×	N	×/×	○	◎	◎	×	×	×	×	×	×	
LANCER CARGO	12S, 15S, 16S[CBE-CVAY12, DBF-CVY12, DBF-CVZNY12]	CV	×	×	×	N	×/×	×	◎	◎	×	×	×	×	×	×	
	12M, 15M, 16M[CBE-CVAY12, DBF-CVY12, DBF-CVZNY12]		×	×	×	N	×/×	×	◎	◎	×	×	×	×	×	×	
	15G, 18G, 18M, 16G[DBF-CVY12, CBF-CVJY12, DBF-CVZNY12]		×	×	×	N	×/×	×	◎	◎	×	×	×	×	×	×	
MINICAB VAN	Bravo turbo, Bravo, CL, CD[EBD-U61V, GBD-U61V, EBD-U62V, GBD-U62V]	CV	×	×	×	N	×/×	×	×	×	×	×	×	×	×	×	
	MINICAB MiEV CD10.5kWh [ZAB-U68V]		EV	×	×	×	P	◎/×	×	×	×	×	×	×	×	×	
	MINICAB MiEV CD16.0kWh [ZAB-U68V]	×		×	×	P	◎/×	×	×	×	×	×	×	×	×		
MINICAB TRUCK	VX-SE, VX-SE Exceed Package, Minori, V-type, Dump [GBD-U61T, GBD-U61TP, GBD-U62T]	CV	×	×	×	N	×/—	×	×	×	×	×	×	×	×		
	MINICAB MiEV TRUCK[ZAB-U68T]	EV	×	×	×	N	×/—	×	×	×	×	×	×	×	×		

※1 3rd row seats: ◎ ※3 Not available for 3rd seats
※2 3rd row seats: ○

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger's/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

AUDI AG (Importer: Audi Japan K.K.)

Audi A1	All grades [All Types]	A	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
Audi A1 Sportback	All grades [All Types]	A	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
Audi A3 Sedan	All grades [All Types]	A	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	×	×	○	×
Audi S3 Sedan	All grades [All Types]	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	×	×	◎	×
Audi A3 Sportback	All grades [All Types]	A	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	×	×	○	×
Audi S3 Sportback	All grades [All Types]	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	×	×	◎	×
Audi A4	All grades [All Types]	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi S4	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi A4 Avant	All grades [All Types]	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi S4 Avant	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi RS 4 Avant	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi A5 Coupe	All grades [All Types]	B	◎	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	○	×
Audi S5 Coupe	All grades [All Types]	C	◎	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi A5 Sportback	All grades [All Types]	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	○	×
Audi S5 Sportback	All grades [All Types]	C	◎	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi RS 5	All grades [All Types]	C	◎	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi A5 Cabriolet	All grades [All Types]	B	◎	◎※3	×	P	◎/×	◎	◎	◎	○	×	○	×	○	×
Audi S5 Cabriolet	All grades [All Types]	C	◎	◎※3	×	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi RS 5 Cabriolet	All grades [All Types]	C	◎	◎※3	×	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi A6	hybrid	B	◎※2	◎	◎	P	◎/×	◎	◎	◎	×	×	○	○	◎	○
Audi A6	2.8 FSI quattro / 2.0 TFSI	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi A6	3.0 TFSI quattro	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi S6	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi A6 Avant	2.8 FSI quattro / 2.0 TFSI	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi A6 Avant	3.0 TFSI quattro	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi S6 Avant	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi A7 Sportback	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi S7 Sportback	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi RS 7 Sportback	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	○	◎	○
Audi A8	3.0 TFSI quattro / Hybrid / 4.0 TFSI quattro / L 4.0 TFSI quattro	C	◎※1	◎	◎	A	◎/×	◎	◎	◎	○	○	×	×	◎	○
Audi A8	L W12 quattro	C	◎※1	◎	◎	A	◎/×	◎	◎	◎	○	○	×	×	◎	○
Audi S8	All grades [All Types]	C	◎※1	◎	◎	A	◎/×	◎	◎	◎	○	○	×	×	◎	○
Audi TT Coupe	All grades [All Types]	B	◎	◎※3	×	P	×/×	◎	◎	◎	×	×	×	×	×	×
Audi TT Roadster	All grades [All Types]	B	◎	◎※3	—	P	×/—	—	◎	◎	×	×	×	×	×	×
Audi TTS Coupe	All grades [All Types]	B	◎	◎※3	×	P	×/×	◎	◎	◎	×	×	×	×	×	×
Audi TT RS Plus Coupe	All grades [All Types]	C	◎	◎※3	×	P	×/×	◎	◎	◎	×	×	×	×	×	×
Audi Q3	All grades [All Types]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	○	×
Audi Q5	All grades [All Types]	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi SQ5	All grades [All Types]	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	○	×	○	×	◎	×
Audi R8 Coupe	All grades [All Types]	C	◎	◎※3	—	P	×/—	—	◎	◎	×	×	×	×	◎	×
Audi R8 Spyder	All grades [All Types]	C	◎	◎※3	—	P	×/—	—	◎	◎	×	×	×	×	◎	×

※1 Standard equipment for rear seats as well ※2 Optional equipment for rear seats as well ※3 Side air bags with a head protect function

ALPINA BURKARD BOVENSIEPEN GMBH Co., Ltd. (Importer: NICOLE RACING JAPAN Co., Ltd.)

B3 BiTurbo	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	○	○	×	○	○	×
B3 BiTurbo Touring	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	○	○	×	○	○	×
B5 BiTurbo	All grades [All models]	C	◎	◎	◎	A	◎/×	◎	◎	◎	×	○	×	×	○	○
B5 BiTurbo Touring	All grades [All models]	C	◎	◎	◎	A	◎/×	◎	◎	◎	×	○	×	×	○	○
B6 BiTurbo Coupe	All grades [All models]	C	◎	◎	◎	A	◎/×	◎	◎	◎	○	○	×	○	○	○
B6 BiTurbo Cabrio	All grades [All models]	C	◎	◎	×	A	◎/×	◎	◎	◎	○	○	×	○	○	○
B7 BiTurbo	All grades [All models]	C	◎	◎	◎	A	◎/×	◎	◎	◎	○	○	×	○	○	○
B7 BiTurbo Allrad	All grades [All models]	C	◎	◎	◎	A	◎/×	◎	◎	◎	○	○	×	○	○	○
B7 BiTurbo Long	All grades [All models]	C	◎	◎	◎	A	◎/×	◎	◎	◎	○	○	×	○	○	○
D5 Turbo	All grades [All models]	C	◎	◎	◎	N/A※1	◎/×	◎	◎	◎	○	○	×	○	○	○

※1 Models with an optional front comfort seat only

AUTOMOBILI LAMBORGHINI S.p.A. (Importer: Audi Japan K.K.)

Gallardo LP570-4	All grades [All Types]	C	◎	◎※1	—	P	×/—	×	×	◎	×	×	×	×	○	×
Gallardo LP550-2	All grades [All Types]	C	◎	◎※1	—	P	×/—	×	×	◎	×	×	×	×	○	×
Gallardo LP560-2	All grades [All Types]	C	◎	◎※1	—	P	×/—	×	×	◎	×	×	×	×	○	×
Gallardo LP560-4	All grades [All Types]	C	◎	◎※1	—	P	×/—	×	×	◎	×	×	×	×	○	×
Aventador LP 700-4	All grades [All Types]	C	◎	◎※1	—	P	×/—	×	×	◎	×	×	×	×	○	×

※1 Side air bags with a head protect function

AUTOMOBILES CITROEN (Importer: PEUGEOT CITROEN JAPON CO.,LTD.)

C3	All grades [All Types]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×
DS3	All grades [All Types]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×
C4	All grades [All Types]	B	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
DS4	All grades [All Types]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×
C5	All grades [All Types]	B	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×
DS5	All grades [All Types]	B	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	◎	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

AUTOMOBILE PEUGEOT (Importer: PEUGEOT CITROEN JAPON CO.,LTD.)

207	CC[ABA-A7C5F01]	B	◎	◎	×	P	×/×	◎	◎	◎	×	×	×	×	×	×	×
208	Allure[ABA-A9CHM01]	A	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×	×
	All grades except Allure [All types]	B	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×	×
308	CC[ABA-T7C5F02]	B	◎	◎	×	P	◎/◎	◎	◎	◎	×	×	×	×	×	×	×
	All grades except CC [All types]	B	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×	×
RCZ	All grades [All types]	B	◎	×	×	P	◎/◎	◎	◎	◎	×	×	×	×	×	×	×
3008	All grades [All types]	B	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×	×
5008	All grades [All types]	B	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×	×
508	All grades [All types]	B	◎	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	×	×

Chrysler LLC (Importer: Chrysler Japan Co., Ltd)

Ypsilon	All grades [ABA-84609]	A	◎	◎	◎	A	◎/×	◎	◎	◎	×	×	×	×	×	×	×
300	All grades [ABA-LX36]	C	◎	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×	×
Jeep Compass	All grades [ABA-MK49]	B	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	×	×	×
Jeep Compass	All grades [ABA-MK4924]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	×	×	×
Jeep Patriot	All grades [ABA-MK74]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	×	×	×
Jeep Patriot	All grades [ABA-MK7420]	B	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	×	×	×
Jeep Cherokee	All grades [ABA-KK37]	C	×	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	×	×	×
Jeep Grand Cherokee	All grades [ABA-WK36]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	◎	×	×
Jeep Grand Cherokee	All grades [ABA-WK36A]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	◎	×	×
Jeep Wrangler	All grades [ABA-JK36S]	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	×	◎	×	×
Jeep Wrangler Unlimited	All grades [ABA-JK36L]	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	×	◎	×	×
Jeep Wrangler	All grades [ABA-JK38S]	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	×	×	×	×
Jeep Wrangler Unlimited	All grades [ABA-JK38L]	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	×	×	×	×
Jeep Grand Cherokee	All grades [ABA-WK36T]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	◎	×	×
Jeep Grand Cherokee	All grades [ABA-WK36TA]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	◎	×	×
Jeep Wrangler Unlimited	All grades [ABA-JK36LR]	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	×	◎	×	×

JAGUAR CARS LIMITED (Importer: Jaguar Land Rover Japan Co., Ltd.)

XK/ XK Convertible	[CBA-J438B]	C	◎	×	×	R	×/×	◎	◎	◎	×	×	×	×	◎	×	×
XKR/ XKR Convertible XKRS	[CBA-J43YB]	C	◎	×	×	R	×/×	◎	◎	◎	×	×	×	×	◎	×	×
F-TYPE	[CBA-J608A]	C	◎	×	×	R	×/×	◎	◎	◎	×	×	×	×	◎	×	×
F-TYPE	[CBA-J60MA]	C	◎	×	×	R	×/×	◎	◎	◎	×	×	×	×	◎	×	×
XF Premium Luxury/ XF Portfolio	[CBA-J05PC]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	×	×	×	◎	×	×
XF Premium Luxury/ XF Portfolio	[CBA-J058C]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	×	×	×	◎	×	×
XFR	[CBA-J05MB]	C	◎	◎	◎	R	×/×	◎	◎	◎	◎	×	×	×	◎	×	×
XJ Luxury/ XJ Premium Luxury	[CBA-J12PB]	C	◎	◎	◎	R	◎/◎	◎	◎	◎	×	×	×	×	◎	×	×
XJ Luxury/ XJ Premium Luxury	[CBA-J128B]	C	◎	◎	◎	R	◎/◎	◎	◎	◎	×	×	×	×	◎	×	×
XJ Supersport	[CBA-J12MA]	C	◎	◎	◎	R	◎/◎	◎	◎	◎	×	×	×	×	◎	×	×
XJ Supersport LWB/ XJ Portfolio LWB	[CBA-J24MA]	C	◎	◎	◎	R	◎/◎	◎	◎	◎	×	×	×	×	◎	×	×

GENERAL MOTORS COMPANY (Importer: General Motors Japan Ltd.)

CTS	4-door sedan & 4-door wagon [ABA-X322B], [ABA-X322C]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×	×
CTS	2-door coupe [ABA-X322B]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×	×
CTS-V	4-door sedan[ABA-X322V]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×	×
CTS-V	2-door coupe [ABA-X322V]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×	×
SRX	All grades [ABA-T166C]	C	◎	◎	◎	R	◎/◎	◎	◎	◎	×	×	×	×	◎	×	×
SONIC	All grades [ABA-KT300]	B	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	◎	×	×
ATS	4-door sedan[ABA-A1SL]	B	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	◎	×	×

DAIMLER (Importer: Mercedes Benz Japan CO., Ltd.)

Mercedes-Benz A-Class	All types	B	◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×	×
Mercedes-Benz B-Class	All types	B	◎	◎	◎	R	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×	×
Mercedes-Benz CLA-Class	All types	B	◎	◎	◎	P	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×	×
Mercedes-Benz E-Class / Sedan	RBA-212036C	B	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	×
Mercedes-Benz E-Class / Sedan	All types except RBA-212036C	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	×
Mercedes-Benz E-Class / Station Wagon	RBA-212236C	B	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	×
Mercedes-Benz E-Class / Station Wagon	All types except RBA-212236C	C	◎※1	◎	◎※2	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	×
Mercedes-Benz CLS-Class	All types	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology								
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning		
			Chest protection device (Equipment of Front seat)	Head protection device												Front	Rear
Mercedes-Benz CLS-Class Shooting Brake	All types	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
Mercedes-Benz S-Class	All types	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎※	◎	◎	◎	◎	◎	◎※3
Mercedes-Benz CL-Class	All types	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	◎	◎	◎	×	◎	◎	
Mercedes-Benz SLK-Class	CBA-172448 DBA-172448	B	◎	◎	—	R	◎/—	×	◎	◎	◎※4	◎※4	◎※4	×	×	×	
Mercedes-Benz SLK-Class	MBA-172457 CBA-172475	C	◎	◎	—	R	◎/—	×	◎	◎	◎	◎	◎	×	×	×	
Mercedes-Benz C-Class / Sedan	DBA-204047 DBA-204048 DBA-204049	B	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	×	◎	×	
Mercedes-Benz C-Class / Sedan	RBA-204057 CBA-204077 ABA-204507	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	×	◎	×	
Mercedes-Benz C-Class / Station Wagon	DBA-204247 DBA-204248 DBA-204249	B	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	×	◎	×	
Mercedes-Benz C-Class / Station Wagon	RBA-204257 CBA-204277 ABA-204507	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	×	◎	×	
Mercedes-Benz C-Class / Coupe	DBA-204347 DBA-204349	B	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	×	◎	×	
Mercedes-Benz C-Class / Coupe	CBA-204377 ABA-204507	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	×	◎	×	
Mercedes-Benz E-Class / Coupe	RBA-207336	B	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	×	
Mercedes-Benz E-Class / Coupe	RBA-207359 CBA-207373	C	◎※1	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	×	
Mercedes-Benz E-Class / Cabriolet	RBA-207436	B	◎	◎	×	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	×	
Mercedes-Benz E-Class / Cabriolet	RBA-207459	C	◎	◎	×	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	×	
Mercedes-Benz SL-Class	All types	C	◎	◎	—	R	◎/—	×	◎	◎	◎	◎	◎	◎	◎	×	
Mercedes-Benz ML-Class	All types	C	◎	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	
Mercedes-Benz GL-Class	All types	1Box	◎	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	◎	
Mercedes-Benz R-Class	All types	1Box	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×	
Mercedes-Benz GLK-Class	All types	C	◎	◎	◎	R	◎/×	◎	◎	◎	◎	◎	◎	◎	◎	×	
Mercedes-Benz G-Class	All types	C	×	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	◎	×	
Mercedes-Benz V-Class	All types	1Box	◎	×	×	P	◎/×	◎	◎	◎	×	×	×	×	◎	×	
Mercedes-Benz SLS-Class	All types	C	◎※5	◎	—	P	◎/—	×	◎	◎	×	×	×	×	◎	×	
Smart Fortwo Coupe	All types	A	◎	◎	—	P	×/—	◎	◎	◎	×	×	×	×	◎	×	
Smart Fortwo Cabrio	All types	A	◎	◎	—	P	×/—	◎	◎	◎	×	×	×	×	◎	×	
Smart Fortwo Coupe EV	ZAA-451390	EV	◎	◎	—	P	×/—	◎	◎	◎	×	×	×	×	◎	×	
Smart Fortwo Coupe BRABUS EV	ZAA-451392	EV	◎	◎	—	P	×/—	◎	◎	◎	×	×	×	×	◎	×	

※1 Standard equipment for rear seats as well
 ※2 Not available for the 3rd row seats
 RBA-212259C model is an option the 3rd row seats, without set of side curtain air bags. Only available for the 2nd row seats of all models
 ※3 Not available for some models
 ※4 Options not available for model CBA-172448
 ※5 Side airbags not available for classification no. 0103 of ABA-197377

BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT (Importer: BMW Japan Corp.)

BMW 116i	All grades [All models]	B	◎	◎	◎	N	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW 120i	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW M135i	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW 120i Cabriolet	All grades [All models]	B	◎	◎※1	×	N	×/×	◎	◎	◎	×	×	×	×	×	×
BMW 120i Coupe	All grades [All models]	B	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	×	×
BMW 135i Coupe	All grades [All models]	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	×	×
BMW 320i	SE[DBA-3B20] All grades except SE [DBA-3B20]	B	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×
BMW 320d	All grades [All models]	B	◎	◎	◎	N	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW 328i	All grades [All models]	B	◎	◎	◎	N	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW 335i	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW ActiveHybrid 3	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW 320i GranTurismo	All grades [All models]	B	◎	◎	◎	N	×/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW 328i GranTurismo	All grades [All models]	B	◎	◎	◎	N	×/×	◎	◎	◎	◎	◎	×	◎	◎	×
BMW 335i GranTurismo	All grades [All models]	C	◎	◎	◎	N	×/×	◎	◎	◎	◎	◎	×	◎	◎	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT (Importer: BMW Japan Corp.)

BMW 335i Cabriolet	All grades [All models]	C	◎	◎※1	×	A	×/×	◎	◎	◎	×	×	×	×	×	×
BMW M3 Coupe	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	×	×
BMW M3 Sedan	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	×	×
BMW 428i	All grades [All models]	B	◎	◎	◎	N	×/×	◎	◎	◎	◎	◎	×	○	◎	×
BMW 435i	All grades [All models]	C	◎	◎	◎	N	×/×	◎	◎	◎	◎	◎	×	○	◎	×
BMW 523i BMW 523d BMW 528i	All grades [All models]	B	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 535i	All grades [All models]	C	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 550i	All grades [All models]	C	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW ActiveHybrid 5	All grades [All models]	C	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW M5	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	×	◎	○
BMW 523i Touring BMW 523d Touring BMW 528i Touring	All grades [All models]	B	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 535i Touring BMW 550i Touring	All grades [All models]	C	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 535i xDrive Touring	All grades [All models]	C	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 528i GranTurismo	All grades [All models]	B	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 550i GranTurismo	All grades [All models]	C	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 640i Coupe BMW 650i Coupe	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW M6 Coupe	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	×	◎	○
BMW 640i Cabriolet BMW 650i Cabriolet	All grades [All models]	C	◎	◎※1	×	A	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW M6 Cabriolet	All grades [All models]	C	◎	◎※1	×	A	×/×	◎	◎	◎	◎	◎	×	×	◎	○
BMW 640i GranCoupe BMW 650i GranCoupe	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW M6 GranCoupe	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	×	◎	○
BMW 740i BMW 740Li	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 750i BMW 750Li	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW 760Li	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	×	◎	◎
BMW ActiveHybrid 7 BMW ActiveHybrid 7L	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	○	◎	○
BMW Z4 sDrive 20i	All grades [All models]	B	◎	◎※1	※2	N	×/×	◎	◎	◎	×	×	×	×	×	×
BMW Z4 sDrive 35i BMW Z4 sDrive 35is	All grades [All models]	C	◎	◎※1	※2	N	×/×	◎	◎	◎	×	×	×	×	×	×
BMW X1 sDrive 18i BMW X1 sDrive 20i BMW X1 xDrive 20i BMW X1 xDrive 28i	All grades [All models]	B	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	○	×
BMW X3 xDrive 20d BMW X3 xDrive 20i BMW X3 xDrive 28i	All grades [All models]	B	◎	◎	◎	A	×/×	◎	◎	◎	×	○	×	×	◎	×
BMW X3 xDrive 35i	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	○	×	×	◎	×
BMW X5 xDrive 35d	SE[LDA-KS30S]	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	◎	×
	All grades except SE [LDA-KS30S] All grades [LDA-KS30]		N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○			
BMW X5 xDrive 35i	All grades [DBA-KR30/DBA-KR30S]	C	◎	◎	◎	N(A,○)	×/×	◎	◎	◎	◎	◎	×	○	◎	○
	xLine[CBA-KR44]	C	◎	◎	◎	A	×/×	◎	◎	◎	◎	◎	×	×	◎	○
All grades except xLine [CBA-KR44] All grades [CBA-KR44S]	N(A,○)		×/×	◎	◎	◎	◎	◎	×	×	◎	○				
BMW X5 xDrive 35d BMW X5 xDrive 35i BMW X5 xDrive 50i	All grades [LDA-ZW30/LDA-ZW30S] All grades [DBA-ZV30/DBA-ZV30S] All grades [ABA-ZV44/ABA-ZV44S]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	○	×	×	◎	×
BMW X5M	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	◎	×
BMW X6 xDrive 35i BMW X6 xDrive 50i	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	○	×	×	◎	×
BMW X6M	All grades [All models]	C	◎	◎	◎	A	×/×	◎	◎	◎	×	×	×	×	◎	×
MINI ONE MINI COOPER MINI COOPER S MINI COOPER S JCW	All grades [All models]	B	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	×	×
MINI COOPER Convertible MINI COOPER S Convertible MINI JCW Convertible	All grades [All models]	B	◎	◎※1	×	N	×/×	◎	◎	◎	×	×	×	×	×	×
MINI COOPER CLUBMAN MINI COOPER S CLUBMAN MINI JCW CLUBMAN	All grades [All models]	B	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	×	×
MINI ONE CROSSOVER MINI COOPER CROSSOVER MINI COOPER S CROSSOVER MINI COOPER S CROSSOVER A4 MINI JCW CROSSOVER	All grades [All models]	B	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag				Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning		
			Chest protection device (Equipment of Front seat)	Head protection device												Front	Rear

BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT (Importer: BMW Japan Corp.)

MINI COOPER Paceman MINI COOPER Paceman A4 MINI COOPER S Paceman MINI COOPER S Paceman A4 MINI JCW Paceman	All grades [All models]	B	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	×	×	×
MINI COOPER Coupe MINI COOPER S Coupe MINI JCW Coupe	All grades [All models]	B	◎	◎※1	※2	N	×/×	◎	◎	◎	×	×	×	×	×	×	×
MINI COOPER Roadster MINI COOPER S Roadster MINI JCW Roadster	All grades [All models]	B	◎	◎※1	※2	N	×/×	◎	◎	◎	×	×	×	×	×	×	×

※1 Side / head airbags integral ※2 No back seats (two-seater)

Fiat Group Automobiles S.p.A. (Importer: Fiat Group Automobiles Japan Ltd.)

Fiat 500/500C	All grades [All models]	A	◎	◎	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×	×
Fiat Punto	All grades [All models]	A	◎	◎	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×	×
Fiat Abarth 500/500	All grades [All models]	A	◎	◎	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×	×
Fiat Abarth Punto	All grades [All models]	A	◎	◎	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×	×
Fiat Panda	All grades [All models]	A	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×	×
Alfa Romeo MiTo	All grades [All models]	A	◎	◎	◎	R	◎	◎	◎	◎	×	×	×	×	×	×	×
Alfa Romeo Giulietta	All grades [All models]	A	◎	◎	◎	R	◎	◎	◎	◎	×	×	×	×	×	×	×

Ford Motor Company (Importer: Ford Japan Limited)

Escape	All grades [All models]	C	◎	◎※1	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×	◎
Explorer	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×	◎
KUGA	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	◎	×
Focus	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	◎	×
Fiesta	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	◎	×

※1 SRS Side air bags with a head protect function

FERRARI S.p.A. (Importer: Ferrari Japan CO., LTD.)

California	All grades [All models]	C	◎	◎	×	N	◎/×	◎/×※1	◎	◎	×	×	×	×	×	◎	×
458Italia, 458Spider	All grades [All models]	C	◎	◎	—	N	◎/—	×	◎	◎	×	×	×	×	×	◎	×
FF	All grades [All models]	C	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	◎	×
F12Berlinetta	All grades [All models]	C	◎	◎	—	N	◎/—	×	◎	◎	×	×	×	×	×	◎	×

※1 Tow-seater model not available for ISO-FIX

VOLKSWAGEN AG (Importer: VOLKSWAGEN Group Japan K.K.)

VW up!	All grade	A	◎	◎※2	×	N	◎/◎	◎	◎	◎	◎	×	×	×	×	×	×
VW Polo	All grade	A	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×	×
VW The Beetle	All grade	A	◎	◎※2	×	P	◎/×	◎	◎	◎	×	×	×	×	×	×	×
VW The Beetle Cabriolet	All grade	A	◎	◎※2	×	P	◎/×	◎	◎	◎	×	×	×	×	×	×	×
VW Golf	TSI Trendline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	◎	×	◎	×	×	×	×
VW Golf	TSI Comfortline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	◎	×	◎	×	◎	◎	×
VW Golf	TSI Highline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	◎	×	◎	×	◎	◎	×
VW Golf	GTI	B	◎※1	◎	◎	P	◎/◎	◎	◎	◎	◎	×	◎	×	◎	◎	×
VW Golf Variant	TSI Comfortline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	◎	×	◎	×	◎	◎	×
VW Golf Variant	TSI Highline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	◎	×	◎	×	◎	◎	×
VW Golf Cabriolet	All grade	A	◎	◎※2	×	P	◎/×	◎	◎	◎	×	×	×	×	×	◎	×
VW Golf Touran	TSI Comfortline	1-Box	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	◎	×
VW Golf Touran	CrossTouran	1-Box	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	◎	×
VW Golf Touran	TSI Highline	1-Box	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	◎	◎	×
VW Scirocco	All grade	A	◎	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	×	×	×
VW Tiguan	All grade	A	◎※1	◎	◎	P	◎/×	◎	◎	◎	×	×	◎	◎	◎	◎	×
VW Sharan	TSI Comfortline	1-Box	◎※1,※4	◎	◎※3	P	◎/◎	◎※5	◎	◎	×	×	×	×	◎	◎	×
VW Sharan	TSI Highline	1-Box	◎※1,※4	◎	◎※3	P	◎/◎	◎※5	◎	◎	×	×	×	×	◎	◎	×
VW Passat	TSI Comfortline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	×	◎	×
VW Passat	TSI Highline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	◎	◎	×
VW Passat Variant	TSI Comfortline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	◎	◎	×
VW Passat Variant	TSI Highline	A	◎※1	◎	◎	P	◎/◎	◎	◎	◎	×	×	×	×	◎	◎	×
VW Passat Alltrack	All grade	B	◎※1	◎	◎	P	◎/◎	◎	◎	◎	◎	×	×	×	×	◎	×
VW Volkswagen CC	TSI	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	◎	◎	×
VW Volkswagen CC	TSI Technology package	B	◎※1	◎	◎	P	◎/×	◎	◎	◎	×	×	×	×	◎	◎	×
VW Touareg	V6	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	◎	×	×	×	◎	◎	×
VW Touareg	Hybrid	C	◎※1	◎	◎	P	◎/×	◎	◎	◎	◎	×	×	×	◎	◎	×

※1 Standard equipment for rear seats as well ※2 Side air bags with a head protect function ※3 3rd row seat: ◎
※4 Not available for 3rd seats ※5 Available for left and right 3rd-row seats as well

Bugatti Automobiles S.A.S. (Importer: Nicole Racing Japan Co., Ltd.)

Grand Sport	All grades [All models]	C	×	×	×	N	◎/×	×	×	◎	×	×	×	×	×	◎	×
Grand Sport Vitesse	All grades [All models]	C	×	×	×	N	◎/×	×	×	◎	×	×	×	×	×	◎	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

Bentley Motors Ltd. (Importer: Volkswagen Group Japan KK)

Mulsanne	All grade	C	◎※1	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×
Continental GTC	All grade	C	◎※2	◎	×	R	×/×	◎	◎	◎	×	×	×	×	◎	×
Continental GT	All grade	C	◎※2	◎	×	R	×/×	◎	◎	◎	×	×	×	×	◎	×
Flying Spur	All grade	C	◎※1	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×
Flying Spur Speed	All grade	C	◎※1	◎	◎	R	×/×	◎	◎	◎	×	×	×	×	◎	×

※1 Standard equipment for rear seats as well ※2 Side air bags with a head protect function

Porsche AG (Importer: Porsche Japan KK)

Panamera S	ABA-970CWDA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera 4S	ABA-970CWDA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera 4S	ABA-970CWDAX	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera Turbo	ABA-970CWBA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera Turbo	ABA-970CWBAX	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera GTS	ABA-970CXPA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera	ABA-970CWA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera 4	ABA-970CWA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera	ABA-970CWAA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera 4	ABA-970CWAA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Panamera S e-hybrid	ALA-970CGEA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne	ABA-92AM5502	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne	ABA-92AM5502A	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne S	ABA-92AM48	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne S	ABA-92AM48A	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne GTS	ABA-92AM48	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne GTS	ABA-92AM48A	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne Turbo	ABA-92AM48A	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne Turbo S	ABA-92AM48A	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne S hybrid	DAA-92ACGE	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
Cayenne S hybrid	DAA-92ACGEA	C	◎	◎	○	N	◎/×	◎	◎	◎	×	○	×	◎	◎	×
911 Turbo	ABA-991MA171	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Turbo S	ABA-991MA171	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 GT3	ABA-991MA175	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera	ABA-991MA104	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera Cabriolet	ABA-991MA104	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera 4	ABA-991MA104	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera 4 Cabriolet	ABA-991MA104	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera S	ABA-991MA103	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera S Cabriolet	ABA-991MA103	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera 4S	ABA-991MA103	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
911 Carrera 4S Cabriolet	ABA-991MA103	C	◎	◎	×	N	×/×	◎	◎	◎	×	×	×	◎	◎	×
Boxster	ABA-981MA122	C	◎	◎	—	N	×/—	◎	◎	◎	×	×	×	◎	◎	×
Boxster S	ABA-981MA123	C	◎	◎	—	N	×/—	◎	◎	◎	×	×	×	◎	◎	×
Cayman	ABA-981MA122	C	◎	◎	—	N	×/—	◎	◎	◎	×	×	×	◎	◎	×
Cayman S	ABA-981MA123	C	◎	◎	—	N	×/—	◎	◎	◎	×	×	×	◎	◎	×

VOLVO CAR CORPORATION (Importer: Volvo Cars Japan Limited)

Volvo V40	All grades [All models]	B	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	○	○	○	○	×
Volvo V40CC	All grades [All models]	B	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	◎	○	○	○	×
Volvo V60	All grades [All models]	B	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	◎	○	×	×	○
Volvo XC60	All grades [All models]	B	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	◎	○	×	×	○
Volvo V70	All grades [All models]	B	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	◎	○	×	×	○
Volvo XC70	All grades [All models]	C	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	◎	○	×	×	○
Volvo S60	All grades [All models]	B	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	◎	○	×	×	○
Volvo S80	All grades [All models]	C	◎	◎	◎	R	◎/◎	◎	◎	◎	◎	◎	○	×	×	○
Volvo XC90	All grades [All models]	C	◎	◎	◎※1	R	×/×	◎	◎	◎	◎	×	×	×	×	×

※1 Standard equipment for 3rd row seats as well

MASERATI S.p.A. (Importer: CORNES & CO., LTD.)

Quattroporte	All grades [All models]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	×	×
Granturismo	2012 model [All models]	C	◎	◎	×	R	◎/×	◎	◎	◎	×	×	×	×	×	×
Granturismo	2013 model [All models]	C	◎	◎	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×
Granturismo	MC Stradale [ABA-MMSC1]	C	◎	◎	—	N	◎/—	×	◎	◎	×	×	×	×	×	×
GranCabrio	All grades [All models]	C	◎	◎	×	R	◎/×	◎	◎	◎	×	×	×	×	×	×
Quattroporte S	All grades [ABA-MQP30A]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×
Quattroporte S Q4	All grades [ABA-MQP30AA]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×
Quattroporte GT S	All grades [ABA-MQP38A]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×
Ghibli S	All grades [ABA-MG30A]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×
Ghibli S Q4	All grades [ABA-MG30AA]	C	◎	◎	◎	R	◎/×	◎	◎	◎	×	×	×	×	◎	×

◎: Standard equipment ○: Optional equipment ×: Not available Front passenger's seat/Rear seat (December 2013)
A: Active seat R: Reactive seat P: Passive seat N: Normal seat

Model name	Grade [Type]	Vehicle Type	Air bag			Seat			Major ASV Technology							
			Side air bag		Seat type	Seatbelt Reminder (Front Passenger/Rear seat)	Common fixture (ISO-FIX) seat	Brake Assist device	Electronic Stability Control (ESC)	Autonomous Emergency Braking (AEB)	Lane Departure Warning (LDW)	Lane Keep Assist (LKS)	Parking Assist	Back Camera	Night pedestrian detection warning	
			Chest protection device (Equipment of Front seat)	Head protection device												Front

LAND ROVER GROUP LTD. (Importer: Jaguar Land Rover Japan Co., Ltd.)

FREELANDER 2	CBA-LF32	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	○	×
FREELANDER 2	CBA-LF2B	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	○	×
Range Rover Evoque	CBA-LV2A	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	○	×
RANGE ROVER SPORT	ABA-LS5N	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	○	×
RANGE ROVER SPORT	ABA-LS5S	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	○	×
RANGE ROVER SPORT	ABA-LW3SA	C	◎	◎	◎	N	×/×	◎	◎	◎	○	○	×	○	○	×
RANGE ROVER SPORT	ABA-LW5SA	C	◎	◎	◎	N	×/×	◎	◎	◎	○	○	×	○	○	×
RANGE ROVER SPORT	ABA-LG5SA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	○	○	×
RANGE ROVER SPORT	ABA-LG5NA	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	○	○	×
RANGE ROVER SPORT	ABA-LG3SB	C	◎	◎	◎	N	×/×	◎	◎	◎	×	○	×	○	○	×
DISCOVERY 4	ABA-LA5N	C	◎	◎	◎	N	×/×	◎	◎	◎	×	×	×	×	○	×

Renault (Importer: NISSAN Trading Co., Ltd.)

KANGOO	ABA-KWK4M	B	◎	×	×	N	×	◎	◎	◎	×	×	×	×	×	×
KOLEOS	ABA-Y2TR	C	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×
MEGANE	ABA-DZF4R	B	◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×
	ABA-ZM4R		◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×
	ABA-KZM4R		◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×
	ABA-KZF4R		◎	◎	◎	N	◎/×	◎	◎	◎	×	×	×	×	×	×
LUTECIA	ABA-RH5F	A	◎	×	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×
	ABA-RM5M		◎	×	×	N	◎/×	◎	◎	◎	×	×	×	×	×	×

LOTUS CARS (Importer: LCI Limited Ltd.)

Elise R	All grades ABA-1117	B	×	×	—	N	×/—	N	◎	×	×	×	×	×	×	×
Elise SC	All grades ABA-1117	B	×	×	—	N	×/—	N	◎	×	×	×	×	×	×	×
Exige S	All grades ABA-1117	B	×	×	—	N	×/—	N	◎	×	×	×	×	×	×	×
Elise	All grades ABA-1120	B	×	×	—	N	×/—	N	◎	×	×	×	×	×	×	×
Evora 2+2	All grades ABA-122	C	×	×	×	N	×/×	N	◎	◎	×	×	×	×	×	×
Evora 2seater	All grades ABA-122	C	×	×	—	N	×/—	N	◎	◎	×	×	×	×	×	×

ROLLS-ROYCE MOTOR CARS LIMITED LTD. (Importer: Rolls-Royce Motor Cars Limited Ltd.)

Phantom Series II	ABA-681S	C	◎	◎	◎	A	◎/×	◎	◎	◎	×	×	×	×	◎	×
Phantom Series II EWB	ABA-681L	C	◎	◎*1	◎*1	A	◎/×	◎	◎	◎	×	×	×	×	◎	×
Phantom Series II DHC	ABA-682D	C	◎	◎*2	×	A	◎/×	◎	◎	◎	×	×	×	×	◎	×
Phantom Series II Coupe	ABA-682D	C	◎	◎*3	◎*3	A	◎/×	◎	◎	◎	×	×	×	×	◎	×
Ghost	ABA-664S	C	◎	◎	◎	A	◎/×	◎	◎	◎	×	○	×	×	◎	◎
Ghost EWB	ABA-664L	C	◎	◎	◎	A	◎/×	◎	◎	◎	×	○	×	×	◎	◎
Wraith	ABA-665C	C	◎	◎	◎	A	◎/×	◎	◎	◎	×	○	×	×	◎	◎

※1 Partition-mounted type is not available
 ※2 A cartridge airbag embedded in the outside of the backrest of the front seat is triggered to protect the chest and head areas of front occupants from being injured in a side collision
 ※3 A cartridge airbag embedded in the outside of the backrest of the front seat and inside of the C pillar is triggered to protect front and rear occupants from being injured in a side collision

Cautions Regarding the Usage of Automobiles

■ Be careful not to jam fingers, etc. in power windows.

Accidents have occurred where people have jammed their fingers etc. in power windows (a device that opens and closes car windows electrically through the operation of a switch), resulting in broken bones and so forth. When operating power windows, please be careful that children's fingers, etc. do not become jammed and please do not allow children to operate. Also, do not leave small children alone in the car.

Precautions upon power window use

- Understand structural characteristics of power windows and how they are operated in the car you own.
Reconfirm the precautions upon use in the instruction manual.
Windows that operate automatically are equipped with trap protection, however so that the window can close properly, there is an area where objects will not be detected.
- When children are sitting in the rear seats, use the power window lock feature and child seat.
- Before you operate the power window of other occupants' seat, call out to them and make them aware.

■ Do not look at your car navigation screen longtime while the vehicle is in motion (Under the Road Traffic Act, it is illegal for the driver of a vehicle to look at a car navigation screen longtime or to operate a cellular phone while the vehicle is in motion.)

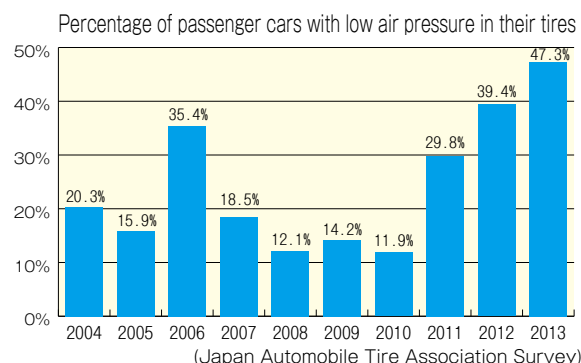
- Stop the vehicle in a safe place before operating the system; do not operate the system while in motion.
- Look at the monitor for the shortest time possible (this may differ in certain cases, but should generally be kept to within one second).
- In order to make it unnecessary for the driver to stop viewing the road, the display panel (monitor) should be installed in the center of the dashboard in a manner which is not obstructive.
- The display panel should be installed properly in accordance with the instruction manual. (It is prohibited to watch TV programs, etc or complicated operation while the vehicle is in motion; do not perform improper installations or modifications which make this possible.)

■ Avoid creating visual distractions from your headlights

- When using your headlights at night or under similar conditions, be sure to turn them down whenever an oncoming vehicle approaches. In particular, while discharge headlights increase the visibility for the driver, there is a risk that they will create visual distractions for the drivers of oncoming vehicles and pedestrians.
- For fog lights should be used only when fog has significantly limited the driver's field of vision and should be turned off as soon as the fog has cleared.

■ Be careful of accidents due to tire blowouts

- Recently, very wide tires are becoming more prevalent. This type of tire may not appear flat even when air pressure has decreased. Therefore it is important to check the air pressure using a tire gauge on a daily basis.
- When you drive on tires with low air pressure, there is a chance of a blowout.
- According to a survey performed in FY2008, 16.7% of passenger car drivers had experienced blowouts due to driving on tires with low air pressure.



■ Be careful when changing tires on four-wheel-drive vehicles

- Vehicular fires are caused by driver's installing tires other than those specified by the manufacturer on their four-wheel-drive vehicle.
- Use the size, make, model, and pattern of tire specified by the manufacturer of your four-wheel-drive vehicle.
- Do not mix the use of especially worn and unworn tires. Some vehicles require special care, so please refer to your vehicle's user manual for details when replacing tires.
- Be sure to adjust the pressure in your tires to the recommended level.

■ Remain calm and respond accordingly when your engine stops while the vehicle is in motion

- When the engine stops, the hydraulic devices in the power braking and steering systems cease to function.
- When the engine stops while the vehicle is in motion, it may seem as if the brakes and steering wheel have stopped functioning. This is not the case, however, and the vehicle should be controlled in a calm and orderly manner.
- In this situation, the vehicle should be operated with somewhat more force than usual.

■ Perform the proper safety inspections to prevent tire separation

- Pay attention to warning signs prior to the separation of the tire from the vehicle.
- Prevent tire separation by following proper inspection schedules such as daily and periodic inspections.
- Wheel bolts and nuts should be handled with the proper care.
- Improper handling when changing tires can lead to separation of the tire, resulting in catastrophic accident.

■ Check your battery regularly

- When a battery continues to be used even though the battery fluid has fallen below the level indicated on the side of the battery casing, it causes the components within the casing to deteriorate more rapidly and leads to shortened battery life. As this can also cause the battery to burst, it is important to maintain battery fluid at suitable levels on a daily basis.

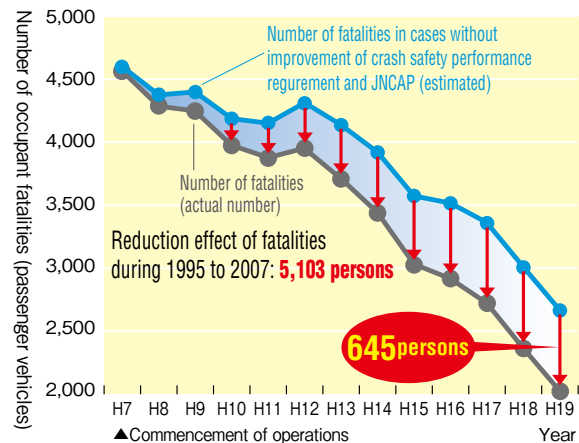
■ Estimation to reduce fatalities after introduction of the New Car Assessment Program ■

For 13 years, from 1995 to 2007, it is estimated that the effects of NCAP decreased the number of traffic fatalities by 5,103 and decreased serious injuries by 132,241.

Analytical method The result of analysis of data from approximately 80,000 actual accident cases revealed that the better the analysis results of a vehicle, the lower percentage of fatalities and serious injuries were involved with that vehicle.

Based on this result, the decrease in the estimated number of traffic fatalities due to increased use of safer vehicles was calculated.

Note: The estimation result includes the effect of the JNCAP introduction and the effect of the entry into force of the regulation for occupant protection in frontal collision in 1994.



■ Please fasten rear seatbelts ■

If the rear seatbelts are not fastened, occupants in the rear will have greater chances of suffering serious injuries, or worse. Rear occupants are at risk of being hurled from the vehicle, and front occupants may be seriously injured by rear occupants colliding with the front seat.

Collision tests when the rear seat seatbelts are not used.
(2006.1 Carried out by NASVA)



A video image is available on the website of NASVA.

What is the National Agency for Automotive Safety & Victims' Aid (NASVA) ?



The National Agency for Automotive Safety & Victims' Aid carries out the following functions in order to prevent car accidents and support the victims of these accidents, promoting the concept of better motorization life.



We are an agency specializing in automotive safety and victim's aid

The National Agency for Automotive Safety and Victim's Aid (NASVA) is the main body that implements national projects funded by gains on management of premiums for compulsory automobile liability insurance and mutual-aid programs. NASVA performs the three integrated functions of supporting accident victims, preventing car accidents, and protecting people from car accidents.

NASVA
Traffic accident victims' hotline
☎ 0570-000738

*For fixed fees, calls can be made from anywhere in Japan for 8.5 yen (not including sales tax) for three minutes.

Pronounced "Nas-Va," NASVA is an abbreviation for "National Agency for Automotive Safety & Victims' Aid."



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JNCAP

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○ This brochure is printed on paper which meets the standard of the basic policy on the Act on Promoting Green Purchasing (Act concerning the Promotion of Procurement of Eco-Friendly Goods and Services by the State and Other Entities).

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