

Toyota Avensis

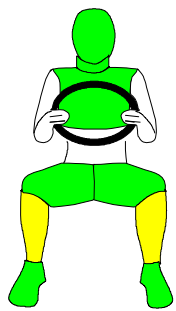


2009

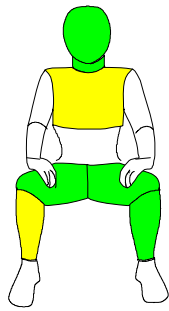
	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	32.340	42.000	19.075	6.000	
Max Points available	36	49	36	7	
Normalised Score (%)	90	86	53	86	
Weighting (%)	50	20	20	10	TOTAL
Weighted Percentage S	45.0	17.2	10.6	8.6	81

Rating Requirements (2009)

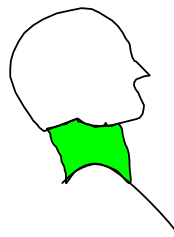
	Normalised Score (%)				TOTAL
★★★★★	75	70	25	60	70
★★★★	60	55	15	40	55
★★★	30	30	10	25	45
★★	25	25	5	15	35
★	15	15	0	5	20



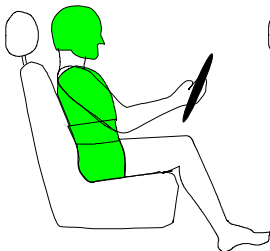
Driver



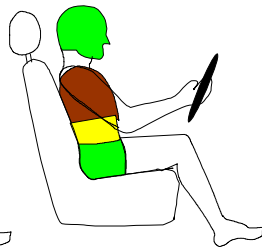
Passenger



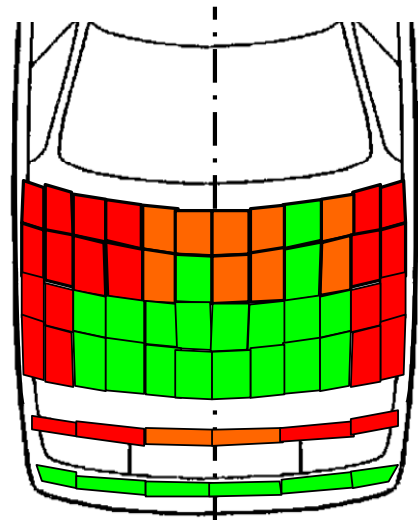
Rear Impact (Whiplash)



Side



Pole



TEST RESULTS IN FULL	
FRONTAL IMPACT HEAD	
Driver airbag contact	stable
Passenger airbag contact	stable
Steering Wheel	
rearward displacement	none
upward displacement	none
lateral displacement	2mm to the right
FRONTAL IMPACT CHEST	
Contact with steering wheel	none
Screen pillar rearward	27mm
Passenger compartment integrity	stable
FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS	
Stiffer structures present	none
Concentrated knee loading	none
FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES	
Rearward pedal displacement	none
Upward pedal displacement	none
Footwell rupture	none
SIDE IMPACT AIRBAGS	
Head protection airbag	yes
Torso protection airbag	yes
CHILD PROTECTION	
Restrains used	
18 month old	Britax Römer Dup Plus, forward facing using ISOFIX anchorages and top-tether.
3 year old	Britax Römer Dup Plus, forward facing using ISOFIX anchorages and top-tether.
CHILD RESTRAINTS FRONTAL IMPACT	
Airbag disabling/warning label	Text and pictogram warning label permanently attached to both sides of the passenger sun visor.
Forward head movement	
18 mth old (behind passenger)	protected
3 year old (behind driver)	protected
Chest Protection	
18 mth old: total load	good
vertical load	good
3-year-old: total load	good
vertical load	good
CHILD RESTRAINTS SIDE IMPACT	
Head protection	
18 mth old (struck side)	protected
3 year old (non-struck side)	protected
Head acceleration	
18 mth old	good
3 year old	good

CAR TESTED



Make, model and hand of drive	Toyota Avensis 2.0 D4-D, RHD
Body type	4 door saloon
Year tested	2009
Kerb weight	1531kg
Chassis number from which Euro NCAP rating applies	applies to all Avensis
Safety Equipment	Driver and passenger single stage frontal airbags; side impact chest airbag; side impact head airbag; driver knee airbag; front seatbelt pre-tensioners and load limiters; rear seatbelt pre-tensioners and load limiters; ISOFIX anchorages in rear outboard seats; front and rear seatbelt reminder system; electronic stability control.

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COMMENTS	
ADULT OCCUPANT	The passenger compartment remained stable in the frontal test. Dummy readings showed good protection of the knees and femurs of both driver and passenger. Toyota showed that a similar level of protection would be provided to occupants of different sizes or those sat in different positions. The Avensis scored maximum points for all body regions in the side barrier test. In the side pole impact, the dummy was loaded in a way which is unrepresentative of a human and the car was penalised. Combined with the rib deflections measured in the test, protection of the chest in this test was rated as weak. However, protection against whiplash injuries was good.
CHILD PROTECTION	Based only on the dummy responses in the tests, the car scored maximum points for protection of the 3 year infant. For the 1½ year old, Euro NCAP awards fewer points for a forward facing restraint than for a rearward facing one but the dummy readings were all good. The passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag, essential to the safety of a child or adult occupant. Moreover, a clear warning is given of the dangers of using a rearward facing child restraint in that seating position without first disabling the airbag.
PEDESTRIAN PROTECTION	The bumper provided good protection to pedestrians' legs. In most areas likely to be hit by the head of a struck child, the bonnet was also rated as good. However, the bonnet provided predominantly poor protection to the head of a struck adult.
SAFETY ASSIST	Electronic Stability Control is at least an option on all variants throughout Europe and is expected to be standard equipment in the great majority of car sales. A seatbelt reminder system covering front and rear seats is standard equipment

Euro NCAP's rating applies fully only to the model with the specifications detailed here. Some equipment may not be fitted as standard to all versions in all countries. You should ensure that your car is fitted with the safety equipment you require.

