

Toyota Prius

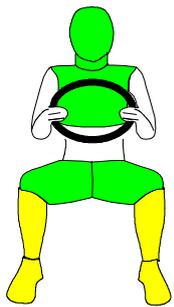


2009

	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	31.695	40.068	24.434	6.000	
Max Points available	36	49	36	7	
Normalised Score (%)	88	82	68	86	
Weighting (%)	50	20	20	10	TOTAL
Weighted Percentage Score	44.0	16.4	13.6	8.6	83

Rating Requirements (2009)

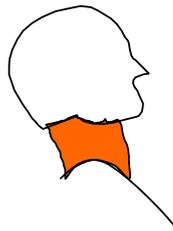
	Normalised Score (%)				TOTAL
★★★★★★	75	70	25	60	70
★★★★★	60	55	15	40	55
★★★★	30	30	10	25	45
★★★	25	25	5	15	35
★★	15	15	0	5	20



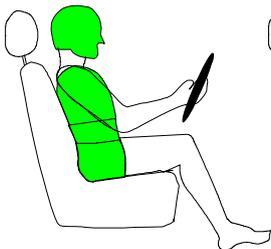
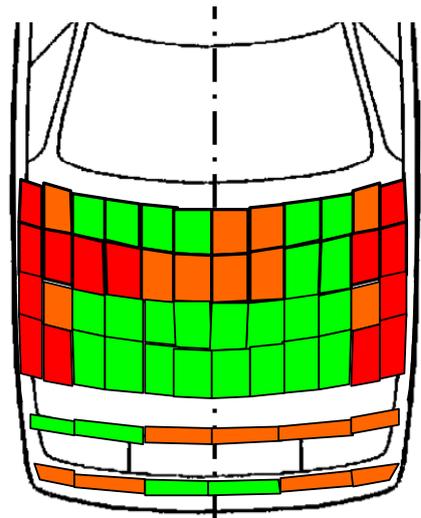
Driver



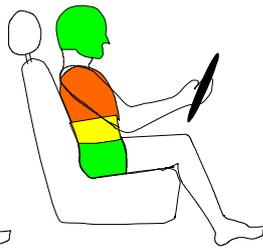
Passenger



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	37mm
lateral displacement	7mm to the right
FRONTAL IMPACT CHEST	
Contact with steering wheel	none
Screen pillar rearward	18mm
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	accelerator - 15mm
Footwell rupture	none
SIDE IMPACT AIRBAGS	
Head protection airbag	yes
Torso protection airbag	yes
CHILD PROTECTION	
Restraints used	
18 month old	Britax Römer Baby Safe, rearward facing using adult seatbelts
3 year old	Britax Römer Duo Plus, forward facing using ISOFIX anchorages and top tether
CHILD RESTRAINTS FRONTAL IMPACT	
Airbag disabling/warning label	Airbag cut-off switch. Text and pictogram warning label on 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	fair
vertical load	good
3-year-old: total load	fair
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 Prius 1.8VVT 'Sol', RHD
Body type	5 door hatchback
Year tested	2009
Kerb weight	1420kg
Chassis number from which Euro NCAP rating applies	applies to all Prius of the specification tested
Safety Equipment	Driver and passenger single stage frontal airbags; side impact chest airbag; side impact head airbag; driver's knee airbag; front seatbelt pretensioners and load limiters; ISOFIX and top tether anchorages in rear outboard seats; anti-whiplash head restraints; electronic stability control; seatbelt reminder for driver, front passenger and rear seats.



COMMENTS

ADULT OCCUPANT	The passenger compartment remained stable in the frontal impact. The dummy readings indicated good protection of the knees and femurs. Toyota showed that occupants of different sizes and those sat in different seating positions would be offered a similar level of protection. The car scored maximum points in the side barrier test. In the more severe side pole impact, protection of the chest was rated as marginal. Likewise, marginal protection was provided by the front seats and head restraints against whiplash injuries in a rear impact.
CHILD PROTECTION	The head of the 3 year dummy, sat in a forward facing seat, did not move forward excessively in the frontal impact. The heads of both dummies were properly contained within the shell of their respective restraints in the side impact. The passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. The dangers of doing so without first disabling the airbag are clearly explained in a label which is permanently attached to the sun visor.
PEDESTRIAN PROTECTION	The bonnet offered good protection in most areas likely to be struck by a child's head. Protection of an adult's head was predominantly good or marginal, as was the protection offered to pedestrians' legs by the bumper and the front edge of the bonnet.
SAFETY ASSIST	Electronic stability control is standard equipment, as is a seatbelt reminder system for the driver and front and rear passengers.

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.

