

Toyota iQ

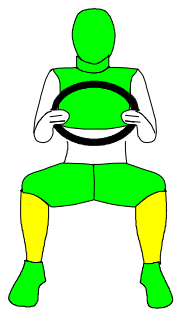


2009

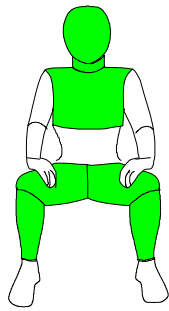
	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	32.788	34.803	19.490	6.000	
Max Points	36	49	36	7	
Normalised %	91	71	54	86	
Weighting (%)	50	20	20	10	TOTAL
Weighted %age	45.5	14.2	10.8	8.6	79

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



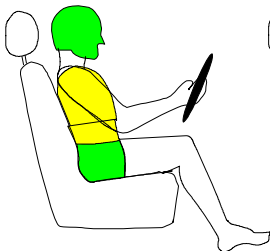
Driver



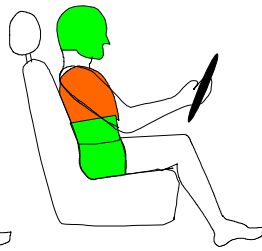
Passenger



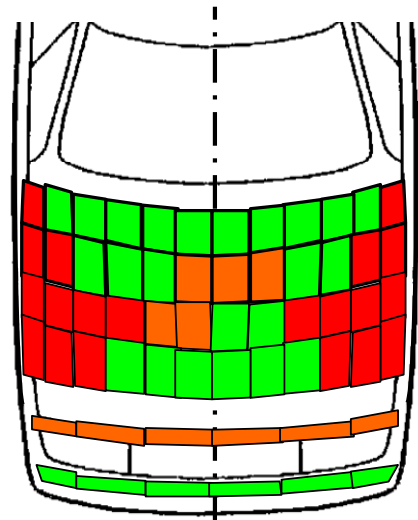
Rear Impact (Whiplash)



Side



Pole



TEST RESULTS IN FULL	
FRONTAL IMPACT HEAD	
Driver airbag contact	stable
Passenger airbag contact	stable
Steering Wheel	
rearward displacement	1mm
upward displacement	28mm
lateral displacement	0mm to the left
FRONTAL IMPACT CHEST	
Contact with steering wheel	none
Screen pillar rearward	20mm
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	clutch - 64mm
Upward pedal displacement	clutch - 10mm
Footwell rupture	none
SIDE IMPACT AIRBAGS	
Head protection airbag	yes
Torso protection airbag	yes
CHILD PROTECTION	
Restraints used	
18 month old	Britax Römer Duo Plus, forward facing using ISOFIX anchorages and top-tether
3 year old	Britax Römer Duo Plus, forward facing using ISOFIX anchorages and top-tether
CHILD RESTRAINTS FRONTAL IMPACT	
Airbag disabling/warning label	Text and pictogram 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	fair
vertical load	good
CHILD RESTRAINTS SIDE IMPACT	
Head protection	
18 mth old (struck side)	protected
3 year old (non-struck side)	vulnerable
Head acceleration	
18 mth old	good
3 year old	good

CAR TESTED



Make, model and hand of drive	Toyota iQ 1.0, LHD
Body type	3 door hatchback
Year tested	2009
Kerb weight	886kg
Chassis number from which Euro NCAP rating applies	applies to all iQs
Safety Equipment	Driver and passenger single stage frontal airbags; side impact chest airbag; side impact head airbag; driver knee airbag; front and rear seatbelt pre-tensioners; ISOFIX and top-tether anchorages in rear seats; front and rear seatbelt reminder system; electronic stability control.



Toyota iQ

COMMENTS

ADULT OCCUPANT	<p>The passenger compartment remained stable during the frontal test. An airbag mounted under the steering wheel provides protection to the driver's knees and femurs. The passenger is restrained from forward movement by an underseat airbag as well by the conventional seatbelt. Both systems worked effectively, readings from the dummies' knees indicating good protection. Toyota showed that a similar level of protection would also be provided to occupants of different sizes and those sat in different positions. The car scored maximum points for protection of the passenger. In the pole test, rib deflections measured by the dummy led to the chest protection being rated as marginal. Marginal protection was provided against whiplash injuries.</p>
CHILD PROTECTION	<p>In the first side barrier test, part of the ISOFIX attachment broke on the restraint containing the 3 year child. Toyota identified the problem as a change of material by Britax-Romer. Duo Plus child restraints ordered through Toyota dealers will now have an improved material specification. Toyota will contact the owners of all iQs and offer them a replacement restraint if they have already bought a Duo Plus for use in their car. On the basis of this action, Euro NCAP allowed a retest. In that re-test, Toyota's counter-measure proved effective and the child restraint remained properly attached to the ISOFIX anchorages. However, the head of the 3 year old was not contained by the side of the restraint and made contact with the seat of the 1½ year old.</p> <p>Britax-Roemer have improved the user's manual and labels of all Duo Plus child restraints to avoid the risk of adverse loading on the ISOFIX attachments as a result of incorrect child seat installation.</p> <p>The passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag did not meet Euro NCAP's requirements. However, there is a clear warning given of the dangers of using a rearward facing restraint in that position without first disabling the airbag. The presence of ISOFIX anchorages in the rear outboard seats is not clearly marked.</p>
PEDESTRIAN PROTECTION	<p>The iQ scored maximum points for the protection offered to pedestrians' legs by the bumper. The bonnet provided mostly good protection in the areas likely to be struck by an adult's head but was predominantly poor for protection of a child's head.</p>
SAFETY ASSIST	<p>Electronic stability control is standard equipment in all European countries. A seatbelt reminder system covering front and rear seats is also fitted as standard.</p>

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.



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