

EUROPEAN NEW CAR
 ASSESSMENT PROGRAMME
Volkswagen Polo

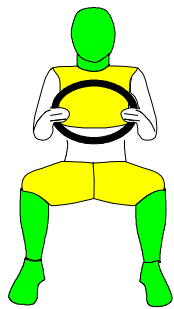


2009

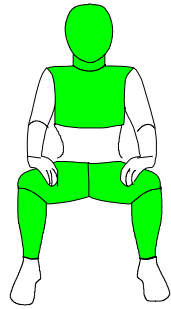
	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	32.407	42.000	14.904	5.000	
Max Points available	36	49	36	7	
Normalised Score (%)	90	86	41	71	
Weighting (%)	50	20	20	10	TOTAL
Weighted Percentage Score	45.0	17.2	8.2	7.1	78

Rating Requirements (2009)

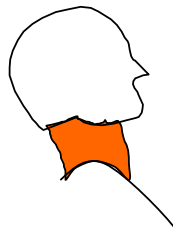
	Normalised Score (%)				TOTAL
★★★★★	75	70	25	60	70
★★★★	60	55	15	40	55
★★★	30	30	10	25	45
★★	25	25	5	15	35
★	15	15	0	5	20



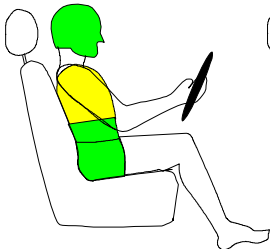
Driver



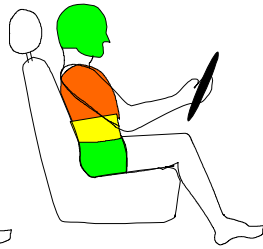
Passenger



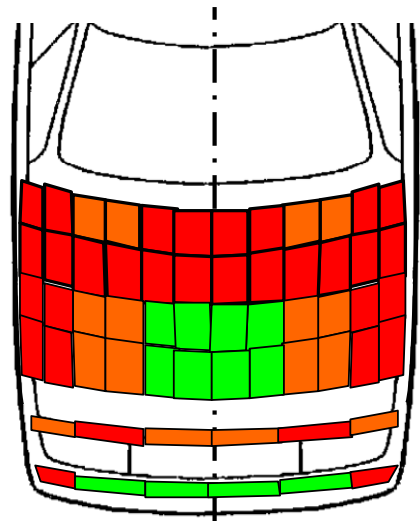
Rear Impact (Whiplash)



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	0mm
Passenger compartment integrity	stable
FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS	
Stiffer structures present	yes: steering column
Concentrated knee loading	none
FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES	
Rearward pedal displacement	clutch - 27mm
Upward pedal displacement	none
Footwell rupture	none
SIDE IMPACT AIRBAGS	
Head protection airbag	yes
Torso protection airbag	yes
CHILD PROTECTION	
Restraints used	
18 month old	Bobsy G0 Plus ISOFIX, rearward facing using ISOFIX anchorages and support base.
3 year old	Bobsy G1 ISOFIX top tether, 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	VW Polo 1.2 Trendline, LHD
Body type	5 door hatchback
Year tested	2009
Kerb weight	1035kg
Chassis number from which Euro NCAP rating applies	applies to all Polos of spec tested
Safety Equipment	Driver and passenger single stage frontal airbags; combined side impact head/chest airbag; front seatbelt pre tensioners and load limiters; ISOFIX and top-tether anchorages in rear outboard seats; driver and passenger seatbelt reminder system; electronic stability control.



COMMENTS

ADULT OCCUPANT	The passenger cell remained stable in the frontal impact. The car scored maximum points for the protection offered to the passenger. For the driver, the steering column was the only stiff structure which might pose a risk to the femurs. In the car side impact, the car lost a fraction of a point for chest protection. Chest protection was rated as marginal in the more severe side pole test. Whiplash protection was rated as marginal.
CHILD PROTECTION	Based on dummy readings in the frontal and side impact tests, the car scored maximum points for protection of both children. 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 is not sufficiently clear. A permanently attached label warns of the dangers associated with the use of a rearward facing child restraint in the passenger seat.
PEDESTRIAN PROTECTION	The bumper provided predominantly good protection for pedestrians' legs, although stiff structures at the outer edges were rated as poor. The front edge of the bonnet did not score so highly and was rated as marginal in most areas. The centre of the bonnet offered good protection to a child's head but poorer protection towards the edges. In most areas likely to be struck by an adult's head, poor protection was provided.
SAFETY ASSIST	A seatbelt reminder system for the driver and passenger seats is standard equipment. Electronic stability control is an option on some variants in some countries but sales as standard equipment meet Euro NCAP's requirements for the system to be rewarded.

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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