

EUROPEAN NEW CAR
 ASSESSMENT PROGRAMME
Mercedes C Class

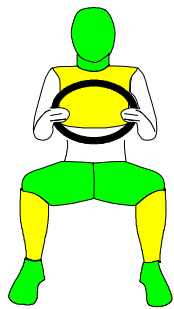


2009

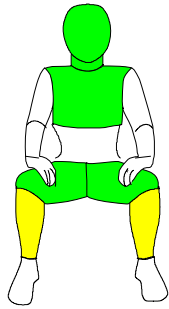
	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	29.609	34.135	10.817	6.000	
Max Points available	36	49	36	7	
Normalised Score (%)	82	70	30	86	
Weighting (%)	50	20	20	10	TOTAL
Weighted Percentage Score	41.0	14.0	6.0	8.6	70

Rating Requirements (2009)

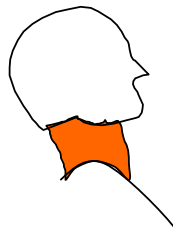
	Normalised Score (%)				TOTAL
★★★★★	75	70	25	60	70
★★★★	60	55	15	40	55
★★★	30	30	10	25	45
★★	25	25	5	15	35
★	15	15	0	5	20



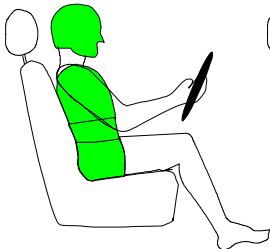
Driver



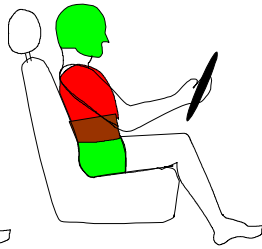
Passenger



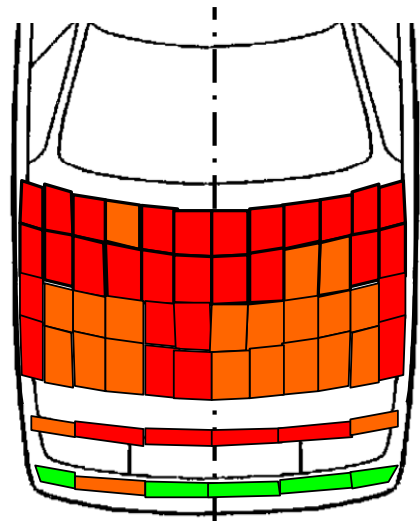
Rear Impact (Whiplash)



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	7mm to the right
FRONTAL IMPACT CHEST	
Contact with steering wheel	none
Screen pillar rearward	2mm
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	brake - 8mm
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	Britax Römer Baby Safe ISOFIX Plus, rearward-facing using ISOFIX base and support leg
3 year old	Britax Römer Duo Plus Universal, 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	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	Mercedes C-Class 200 CDI 'Classic', LHD
Body type	4 door saloon
Year tested	2007
Kerb weight	1485kg
Chassis number from which Euro NCAP rating applies	from WDD2040071A159633
Safety Equipment	Driver and passenger dual stage frontal airbags; front seat side impact airbags; head-protecting curtain airbag; driver's knee airbag; front and rear outboard seatbelt pre-tensioners and load-limiters; ISOFIX and top-tether anchorages; front and rear seatbelt reminder system; ABS, Brake-Assist, ESP.



COMMENTS

ADULT OCCUPANT	The passenger compartment remained stable during the impact. The dummy results showed that the front seat passengers' knees and femurs were well protected and Mercedes were able to demonstrate that the car would provide similar protection to occupants of different sizes and to those sat in different seating positions. The car scored maximum points for its performance in the side barrier impact. In the more severe side pole test, poor protection of the chest was reflected in high dummy readings for rib deflection. Protection against whiplash injuries in a rear impact was marginal.
CHILD PROTECTION	A system is available as an option on the C-Class which automatically recognises when a child restraint is fitted to the front passenger seat and disables the airbag. The system was not fitted to the test vehicle. Without it, a rearward facing child restraint should not be used in the front passenger seat as the airbag cannot be manually disabled. Cars with serial numbers from WDD2040071A159633 have a permanently attached label warning of the dangers of using a rearward facing child restraint in the passenger seat without first disabling the airbag. Earlier cars would not have qualified for the 2 points awarded to this label. The presence of ISOFIX anchorages was not clearly marked.
PEDESTRIAN PROTECTION	The bumper scored maximum points for its protection of pedestrians' legs. However, the bonnet was rated as predominantly poor for the protection offered to pedestrians' legs by its front edge and to adults' heads by the bonnet surface.
SAFETY ASSIST	Electronic Stability Control is standard equipment on all variants of the C-Class. A seatbelt reminder is standard for the front and rear seats.

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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