

# VW Beetle

VW Beetle 1.2 TFSI, LHD

2011



92%

ADULT OCCUPANT



90%

CHILD OCCUPANT



53%

PEDESTRIAN



86%

SAFETY ASSIST

## ADULT OCCUPANT

Total 33 pts | 92%

### FRONTAL IMPACT

14,3 pts



Driver



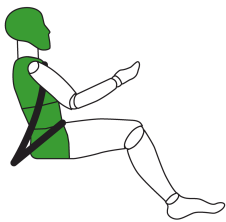
Passenger

### SIDE IMPACT CAR

8 pts

### SIDE IMPACT POLE

7,6 pts



Car



Pole

### REAR IMPACT (WHIPLASH)

3,2 pts



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

### FRONTAL IMPACT

#### HEAD

Driver airbag contact stable

Passenger airbag contact stable

#### CHEST

Passenger compartment stable

Windscreen Pillar rearward 1mm

Steering wheel rearward none

Steering wheel upward none

Chest contact with steering wheel none

#### UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard none

Concentrated loads on knees none

#### LOWER LEGS AND FEET

Footwell Collapse none

Rearward pedal movement brake - 17mm

Upward pedal movement none

### SIDE IMPACT

Head protection airbag Yes

Chest protection airbag Yes

### WHIPLASH

Seat description Standard cloth, 6 way manual

Head restraint type Passive

Geometric assessment 1 pts

#### TESTS

- High severity 2,2 pts

- Medium severity 2,3 pts

- Low severity 2,4 pts

## CHILD OCCUPANT

Total 44 pts | 90%

## 18 MONTH OLD CHILD

**Restraint** Bobsy G0 + Isofix  
**Group** 0, 0+  
**Facing** rearward  
**Installation** ISOFIX anchorages and support frame



PERFORMANCE **11,9 pts**  
 INSTRUCTIONS **4 pts**  
 INSTALLATION **2 pts**

## FRONTAL IMPACT

Head forward movement protected  
 Head acceleration good  
 Chest load good

## SIDE IMPACT

Head containment protected  
 Head acceleration good

## 3 YEAR OLD CHILD

**Restraint** Bobsy G1 Isofix + TT  
**Group** 1  
**Facing** forward  
**Installation** ISOFIX anchorages and top tether



PERFORMANCE **12 pts**  
 INSTRUCTIONS **4 pts**  
 INSTALLATION **2 pts**

## FRONTAL IMPACT

Head forward movement protected  
 Head acceleration good  
 Chest load good

## SIDE IMPACT

Head containment protected  
 Head acceleration good

## VEHICLE BASED ASSESSMENT

8 pts

## Airbag warning Label

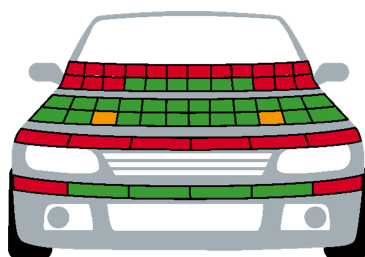
Text and pictogram permanently attached to passenger sun visor

## PEDESTRIAN

Total 19 pts | 53%

## SAFETY ASSIST

Total 6 pts | 86%



GOOD  
 MARGINAL  
 POOR

HEAD 15 pts  
 PELVIS 0 pts  
 LEG 4 pts

## SPEED LIMITATION ASSISTANCE 0 pts

Not assessed

## ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP Pass  
 Yaw rate ratio (1.00s) 7,87 %  
 Yaw rate ratio (1.75s) 1,78 %  
 Lateral displacement (1.07s) 3,14 m

## SEATBELT REMINDER 3 pts

- driver Pass  
 - passenger Pass  
 - rear Pass

## DETAILS OF TESTED CAR

### SPECIFICATIONS

Tested model	VW Beetle 1.2 TFSI, LHD
Body type	5 door hatchback
Year of publication	2011
Kerb weight	1200kg
VIN from which rating applies	applies to all Beetles of the specification tested

### SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	
Driver frontal airbag	single stage
Front passenger frontal airbag	single stage
Side body airbags	combined head/thorax airbag
Side head airbags	combined head/thorax airbag
Electronic Stability Control	
Seatbelt Reminder	driver, passenger and rear seats

## COMMENTS

### Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. However, the steering column was believed to pose a risk to occupants of different sizes and to those sat in different positions. In the side barrier test, the Beetle scored maximum points, providing good protection to all body areas. In the more severe side pole test, protection of the chest was adequate and that of other body areas was good. The seat and head restraint provided good protection against whiplash injuries in the event of a rear-end collision.

### Child occupant

Based on dummy readings in the impact tests, the Beetle scored maximum points for its protection of the 3 year dummy. Forward movement of that dummy, sat in a forward facing restraint, was not excessive in the frontal impact. In the side impact, both dummies were properly contained by the shells of their restraints, minimising the likelihood of dangerous head contacts. 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 and the system was rewarded. The dangers of using a rearward facing restraint in that seat without first disabling the airbag are clearly labelled in the car.

### Pedestrian

The bumper provided good protection to pedestrians' legs in most areas tested. However, the front edge of the bonnet was poor in all areas and scored no points. In most areas likely to be struck by the head of a child, the bonnet offered good protection but was predominantly poor in those parts likely to be struck by an adult's head.

### Safety assist

Electronic stability control is standard equipment and met Euro NCAP's test requirements. A seatbelt reminder is standard for the driver, passenger and rear seats. A speed limitation device is not available for the Beetle.