

Maserati Ghibli

Maserati Ghibli Diesel, 3.0 TDS, LHD

2013



95%

ADULT OCCUPANT



79%

CHILD OCCUPANT



74%

PEDESTRIAN



81%

SAFETY ASSIST

ADULT OCCUPANT

Total 34 pts | 95%

FRONTAL IMPACT

15,5 pts



Driver



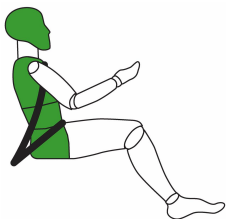
Passenger

SIDE IMPACT CAR

8 pts

SIDE IMPACT POLE

7,9 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,9 pts



	GOOD
	ADEQUATE
	MARGINAL
	WEAK
	POOR

FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	4mm
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 - 55.3mm
Upward pedal movement	Brake - 20.9mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard leather, 8 way electric
Head restraint type	Reactive
Geometric assessment	1 pts

TESTS

- High severity	1,9 pts
- Medium severity	2 pts
- Low severity	2,1 pts

CHILD OCCUPANT

Total 39 pts | 79%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Peg-Pérego Primo Viaggio SL with ISOFIX base

Facing rearward facing

Installation ISOFIX and Supportleg



PERFORMANCE

12 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 Fair G-01 isofix + headrest with ISOFIX base

Facing rearward facing

Installation ISOFIX and Supportleg



PERFORMANCE

12 pts

FRONTAL IMPACT

Head forward movement protected

Head acceleration good

Chest load good

SIDE IMPACT

Head containment protected

Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isofix

Safety features score 3 pts

Installation check score 12 pts

Pass Install without problem

Partial Fail Install with care

Fail Safety critical problem

Exempt Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
Peg-Pérego Primo Viaggio (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A
FAIR G0/1 (ISOFIX)	N/A	Exempt	Pass	N/A	Pass	N/A	N/A	N/A

PEDESTRIAN

Total 27 pts | 74%



GOOD	GOOD
ADEQUATE	ADEQUATE
MARGINAL	MARGINAL
WEAK	WEAK
POOR	POOR

HEAD	14,8 pts
PELVIS	6 pts
LEG	6 pts

SAFETY ASSIST

Total 7 pts | 81%

SPEED ASSISTANCE SYSTEM 1,3 pts

Standard

Speed Information

Speed Assistance (Manual) PASS

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESC Pass

Yaw rate ratio (1.00s) 6,15 %

Yaw rate ratio (1.75s) 2,42 %

Lateral displacement (1.07s) 3,34 m

SEATBELT REMINDER 3 pts

- driver and passenger Pass

- rear Pass

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Maserati Ghibli Diesel, 3.0 TDS, LHD
Body type	5 door saloon
Year of publication	2013
Kerb weight	1875kg
VIN from which rating applies	applies to all Ghiblis of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners

Front seatbelt load limiters

Driver frontal airbag

Front passenger frontal airbag

Side body airbags

Side head airbags

Driver knee airbag

Speed Limitation Assistance

Electronic Stability Control

Seatbelt Reminder

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. Maserati showed that a similar level of protection would be available to occupants of different sizes and to those sat in different positions. In the side barrier test, the Ghibli scored maximum points, with good protection of all body regions. Even in the more severe side pole impact, protection of the chest was adequate and that of other body regions was good. The front seats and head restraints provided protection against whiplash injuries that was rated as marginal.

Child occupant

Both the 1½ and 3 year dummies were sat in rearward-facing seats, according to Maserati's recommendation. Based on the dummy readings from the dynamic tests, the car scored maximum points for its protection of both infants. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the likelihood of head contact with parts of the vehicle interior. The front 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. The risks of using a rearward-facing seat in the front passenger seat without first disabling the airbag are not permanently indicated in the car. All of the child restraint types for which the car is designed could be properly installed and accommodated.

Pedestrian

The bumper scored maximum points for its protection of pedestrians' legs, with good results in all areas tested. The front edge of the bonnet also scored maximum points in Euro NCAP's tests. The bonnet provided protection to the head that was largely good or adequate, with poor results recorded at the base of the windscreen and along the stiff windscreen pillars.

Safety assist

The Ghibli has electronic stability control as standard equipment, and met Euro NCAP's test requirements. A seatbelt reminder is provided for the front and rear seats. A driver-set speed limiter is available and met Euro NCAP's requirements for systems of that type.