

TEST RESULTS

Ford B-MAX

Ford B-MAX 1.5 diesel 'Trend', LHD

2012



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 33 pts | 92%

FRONTAL IMPACT

14,7 pts



Driver



Passenger

SIDE IMPACT CAR

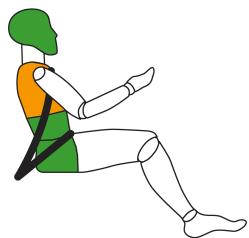
8 pts

SIDE IMPACT POLE

7 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	5mm
Steering wheel rearward	none
Steering wheel upward	11mm
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	none
Upward pedal movement	none

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 4 way manual
Head restraint type	Passive
Geometric assessment	0,9 pts
TESTS	
- High severity	2,4 pts
- Medium severity	2,2 pts
- Low severity	2,4 pts

TEST RESULTS

CHILD OCCUPANT

Total 41 pts | 84%

18 MONTH OLD CHILD

Restraint Britax-Römer Baby Safe Plus
Group 0, 0+
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE	9,1 pts
INSTRUCTIONS	4 pts
INSTALLATION	2 pts

FRONTAL IMPACT

Head forward movement	protected
Head acceleration	good
Chest load	fair

SIDE IMPACT

Head containment	protected
Head acceleration	good

3 YEAR OLD CHILD

Restraint Britax-Römer Duo Plus Isofix
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

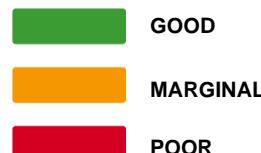
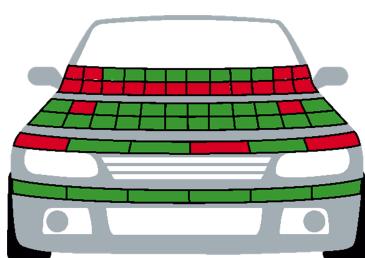
8 pts

Airbag warning Label

Text and pictogram warning label on both sides of the passenger sun visor

PEDESTRIAN

Total 24 pts | 67%



HEAD	15 pts
PELVIS	3 pts
LEG	6 pts

SAFETY ASSIST

Total 5 pts | 71%

SPEED LIMITATION ASSISTANCE	0 pts
Not assessed	

ELECTRONIC STABILITY CONTROL (ESC)	3 pts
- ESP	Pass
Yaw rate ratio (1.00s)	4,11 %
Yaw rate ratio (1.75s)	3,51 %

Lateral displacement (1.07s)	2,40 m
------------------------------	--------

SEATBELT REMINDER	2 pts
- driver	Pass
- passenger	Pass
- rear	Not assessed

TEST RESULTS

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Ford B-MAX 1.5 diesel 'Trend', LHD
Body type	5 door hatchback
Year of publication	2012
Kerb weight	1357kg
VIN from which rating applies	applies to all B-MAX 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	
Side head airbags	
Driver knee airbag	
Electronic Stability Control	
Seatbelt Reminder	driver and front passenger

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the front seat occupants. Ford showed that a similar level of protection would be available to occupants of different sizes and to those sat in different positions. The B-MAX scored maximum points for its protection of the front passenger. Likewise, maximum points were scored in the side barrier test. In the more severe side pole impact, protection of the driver's chest was rated as marginal. The front seats and head restraints provided good protection against whiplash injury in the event of a rear-end collision.

Child occupant

The B-MAX scored maximum points for protection of the 3 year infant in the dynamic tests. Forward movement of the dummy, sat in a forward facing restraint, was not excessive and both dummies were properly contained by their restraints in the side impact, minimising the risk of contact with parts of the car interior. 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. Clear warnings are given of the dangers of using a rearward-facing restraint in that seating position without first disabling the airbag.

Pedestrian

Good protection was provided by the bumper to pedestrians' legs and the car scored maximum points in this area. In those areas likely to be struck by an adult's head the protection offered by the bonnet was predominantly poor. However, in almost every part likely to be struck by a child's head, the bonnet offered good protection.

Safety assist

Electronic stability control is standard equipment and met Euro NCAP's test requirements. A seatbelt reminder system is standard equipment for the front seats. A speed limitation device is not available on the B-MAX.