



**FIAT 500**  
Standard Safety Equipment

2017



Adult Occupant



Child Occupant



Pedestrian Impact Protection



Safety Assist



## SPECIFICATION

Tested Model	Fiat 500 1.2 Pop, LHD
Body Type	- 3 door hatchback
Year Of Publication	2017
Kerb Weight	865kg
VIN From Which Rating Applies	- from J696837
Class	Supermini

## SAFETY EQUIPMENT

	Driver	Passenger	Rear
<b>FRONTAL CRASH PROTECTION</b>			
Frontal airbag	●	●	✘
Belt pretensioner	●	●	✘
Belt loadlimiter	●	●	✘
Knee airbag	●	✘	✘
<b>SIDE CRASH PROTECTION</b>			
Side head airbag	●	●	●
Side chest airbag	●	●	✘
Side pelvis airbag	●	●	✘

## SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
<b>CHILD PROTECTION</b>			
Isofix	—	✗	●
Integrated CRS	—	✗	✗
Airbag cut-off switch	—	●	—
<b>SAFETY ASSIST</b>			
Seat Belt Reminder	●	●	✗
<b>OTHER SYSTEMS</b>			
Active Bonnet (Hood)	✗		
AEB Pedestrian	✗		
AEB City	✗		
AEB Inter-Urban	✗		
Speed Assistance System	●		
Lane Assist System	✗		

**Note: Other equipment may be available on the vehicle but was not considered in the test year.**

- Fitted to the vehicle as standard   
 ● Fitted to the vehicle as part of the safety pack  
○ Not fitted to the test vehicle but available as option or as part of the safety pack   
 ✗ Not available   
 — Not applicable

**ADULT OCCUPANT**

Total 25.1 Pts / 66%

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR

Frontal Offset Deformable Barrier 7.5 Pts

Passenger
Driver

Frontal Full Width 0 Pts

Rear Passenger
Driver

Whiplash Rear Impact 2.1 Pts

Front seat
Rear seat

Lateral Impact 15.5 Pts

Car
Pole

AEB City 0

Performance:

 ADULT OCCUPANT

Total 25.1 Pts / 66%



 ADULT OCCUPANT

Total 25.1 Pts / 66%

## Comments

The passenger compartment of the 500 remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs for both the driver and the passenger. FIAT showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the full-width rigid barrier test, the head of the driver dummy exceeded critical limits for deceleration. As a result, no points were scored for the driver dummy even protection of the chest was adequate, and that of the knees and femurs was good. Likewise for the rear passenger dummy: poor protection of the head resulted in all points being lost.

However, in this case the chest would not have scored points anyway, owing to excessive shoulder belt force, and the abdomen lost all points owing to a phenomenon known as 'submarining', in which the dummy slips under the lap portion of the belt. In contrast to its performance in the full-width test, the 500 scored maximum points both in the side barrier test and the more severe side pole impact, with good protection of all critical body regions. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats indicated marginal whiplash protection. The 500 does not have an autonomous emergency braking system.

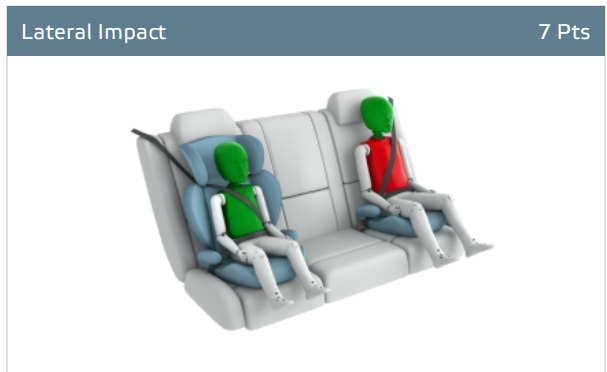
**CHILD OCCUPANT**

Total 24.4 Pts / 49%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

12.7 Pts



Restraint for 6 year old child: *Britax Römer KidFix XP*

Restraint for 10 year old child: *Safety 1st Manga*

Safety Features

2 Pts

	Front Passenger	2nd row outboard
Isofix	✗	●
i-Size	✗	●
Integrated CRS	✗	✗

● Fitted to test car as standard   
 ○ Not on test car but available as option   
 ✗ Not available

CRS Installation Check

9.8 Pts

● Install without problem   
 ● Install with care   
 ● Safety critical problem   
 ✗ Installation not allowed

■ i-Size CRS



**CHILD OCCUPANT**

Total 24.4 Pts / 49%

**ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)



**Universal Belted CRS**

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)




Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



 CHILD OCCUPANT

Total 24.4 Pts / 49%

	Seat Position		
	Front	2nd row	
	PASSENGER	LEFT	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	□	●	●
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	□	●	●
BeSafe iZi Kid X2 i-Size (iSize)	□	●	●
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	□	●	●
BeSafe iZi Kid X4 ISOfix (ISOFIX)	□	●	●
Britax Römer Duo Plus (ISOFIX)	□	●	●
Britax Römer KidFix XP (ISOFIX)	□	●	●
Maxi Cosi Cabriofix (Belt)	●	●	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	●
Britax Römer King II LS (Belt)	●	●	●
Britax Römer KidFix XP (Belt)	●	●	●

● Install without problem  
 ● Install with care  
 ● Safety critical problem  
 ✘ Installation not allowed

## Comments

In the frontal offset test, forward movement of the 10 year dummy was excessive and the head hit the back of the seat in front. As a result, dummy readings for the head and neck were high and points were scored only for adequate protection of the chest. Neck tension in the 6 year dummy indicated poor protection for this body region. Protection of the chest was marginal and that of the head was adequate.

In the side barrier test, high decelerations in the chest of the 10 year dummy, on the struck side, demonstrated poor protection but other body regions, and the whole of the 6 year dummy, were well protected. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. However, the information provided to the driver regarding the status of the airbag is not sufficiently clear and the system was not rewarded. Only one seating position - the rear passenger side - has iSize anchorages and installation of some child restraints on the rear driver's side did not meet Euro NCAP's requirements.



**PEDESTRIAN IMPACT PROTECTION**

Total 22.5 Pts / 53%

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR

Pedestrian Impact Protection 22.6 Pts



Head Impact	12.5 Pts
Pelvis Impact	4.1 Pts
Leg Impact	6 Pts

AEB Pedestrian 0 Pts

**Comments**

The bonnet provides predominantly marginal protection to the head of a struck pedestrian, with poor results recorded on the front edge of the windscreen and on the stiff windscreen pillars. The protection provided to pedestrians' legs was good, and maximum points were scored, but that offered to the pelvis was more mixed, with areas of good and poor performance.

SAFETY ASSIST

Total 3.2 Pts / 27%

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR

Speed Assistance

1.3 Pts

System Name	Speed Limiter
Speed Limit Information Function	N/A
Warning Function	Manually set
Speed Limitation Function	Manually set (accurate to 10km/h)

Seat Belt Reminder

2 Pts

Applies To	Front seats		
	Driver Seat	front passenger(s)	rear passenger(s)
Warning			
Visual	●	●	—
Audible	●	●	—

● Pass
 ● Fail
 — Not available

Lane Support

0 Pts

AEB Interurban

0 Pts



## SAFETY ASSIST

Total 3.2 Pts / 27%

## Comments

The 500 has, as standard, a seatbelt reminder for the front and rear seats. A driver-set speed limiter is also standard. There is no autonomous braking or lane assistance system.

## RATING VALIDITY

## Variants of Model Range

Body Type	Engine & Transmission	Model Name/Code	Drivetrain	Rating Applies	
				LHD	RHD
3 door hatchback	1.2 Petrol, Manual and Auto	FIAT 500 1.2	4x2	✓	✓
3 door hatchback	1.2 Petrol + LPG, Manual and Auto	FIAT 500 1.2 GPL	4x2	✓	✓
3 door hatchback	0.9 Petrol, Manual and Auto	FIAT 500 0.9 Twin Air	4x2	✓	✓
3 door hatchback	1.3 Diesel, Manual and Auto	FIAT 500 1.3 Multijet	4x2	✓	✓
2 door cabrio	All	All	All	✗	✗

Euro NCAP © FIAT 500 March 2017 12/12

\* Tested variant

## Annual Reviews and Facelifts

Date	Event	Outcome
March 2017	Rating Published	2017 ★★☆☆☆ ✓

Date	Event	Outcome	
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