



**FIAT 500**  
Standard Safety Equipment

2017



Adult Occupant



66%

Child Occupant



49%

VRU Impact Protection



53%

Safety Assist



27%

### 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             |

**✗** Rating Expired

## SAFETY EQUIPMENT

|                          | Driver | Passenger | Rear |
|--------------------------|--------|-----------|------|
| FRONTAL CRASH PROTECTION |        |           |      |
| Frontal airbag           | ●      | ●         | ✘    |
| Belt pretensioner        | ●      | ●         | ✘    |
| Belt loadlimiter         | ●      | ●         | ✘    |
| Knee airbag              | ●      | ✘         | ✘    |
| SIDE CRASH PROTECTION    |        |           |      |
| Side head airbag         | ●      | ●         | ●    |
| Side chest airbag        | ●      | ●         | ✘    |
| Side pelvis airbag       | ●      | ●         | ✘    |
| CHILD PROTECTION         |        |           |      |
| Isofix/i-Size            | —      | ✘         | ●    |
| Integrated CRS           | —      | ✘         | ✘    |
| Airbag cut-off switch    | —      | ●         | —    |
| SAFETY ASSIST            |        |           |      |
| Seat Belt Reminder       | ●      | ●         | ✘    |

## SAFETY EQUIPMENT (NEXT)

|                         | Driver | Passenger | Rear |
|-------------------------|--------|-----------|------|
| <b>CHILD PROTECTION</b> |        |           |      |
| Isofix/i-Size           | —      | ✘         | ●    |
| 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 0.0

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.

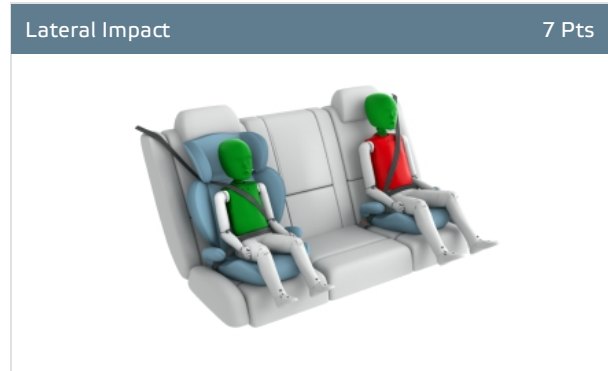
**CHILD OCCUPANT**

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**

2.0 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

Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)



Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)



BeSafe iZi Kid X2 i-Size (iSize)



■ ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)




Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)





 CHILD OCCUPANT

Total 24.4 Pts / 49%

- Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix &amp; EasyBase2 (Belt)



Britax Römer King II LS (Belt)




Britax Römer KidFix XP (Belt)



## 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.

 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)                     | ●             | ●       | ●     |

● Easy   
 ● Difficult   
 ● Safety critical   
 ✘ Not allowed   
 — Not available

## 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.

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VRU IMPACT PROTECTION

Total 22.5 Pts / 53%

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR

|                       |   |             |          |               |         |            |         |
|-----------------------|---|-------------|----------|---------------|---------|------------|---------|
| VRU Impact Protection | 22.6 Pts  |             |          |               |         |            |         |
|                       | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">12.5 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">4.1 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6.0 Pts</td> </tr> </table> | Head Impact | 12.5 Pts | Pelvis Impact | 4.1 Pts | Leg Impact | 6.0 Pts |
| Head Impact           | 12.5 Pts  |             |          |               |         |            |         |
| Pelvis Impact         | 4.1 Pts   |             |          |               |         |            |         |
| Leg Impact            | 6.0 Pts   |             |          |               |         |            |         |

|                |         |
|----------------|---------|
| AEB Pedestrian | 0.0 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) |

Seatbelt Reminder 2.0 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 Inter-Urban 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        | ✗              | ✗   |

\* Tested variant

### Annual Reviews and Facelifts

| Date       | Event            | Outcome      |
|------------|------------------|--------------|
| March 2017 | Rating Published | 2017 ★★☆☆☆ ✓ |
| April 2018 | Annual Review    | 2017 ★★☆☆☆ ✓ |
| March 2019 | Annual Review    | 2017 ★★☆☆☆ ✓ |
| March 2020 | Annual Review    | 2017 ★★☆☆☆ ✓ |

| Date | Event | Outcome |
|------|-------|---------|
|------|-------|---------|