



FIAT Tipo
With Safety Pack

2016



Adult Occupant



82%

Child Occupant



60%

Pedestrian



62%

Safety Assist



57%

SPECIFICATION

| | |
|-------------------------------|-----------------------------|
| Tested Model | FIAT Tipo 1.6 MultiJet, LHD |
| Safety pack | Pack Safety |
| Body Type | - 5 door hatchback |
| Year Of Publication | 2016 |
| Kerb Weight | 1350kg |
| VIN From Which Rating Applies | - ZFA35600006D71517 |
| Class | Small Family Car |

SAFETY EQUIPMENT

| | Driver | Passenger | Rear |
|--------------------------|--------|-----------|------|
| FRONTAL CRASH PROTECTION | | | |
| Frontal airbag | ● | ● | ✘ |
| Belt pretensioner | ● | ● | ✘ |
| Belt loadlimiter | ● | ● | ● |
| Knee airbag | ✘ | ✘ | ✘ |

SAFETY EQUIPMENT (NEXT)

| | Driver | Passenger | Rear |
|------------------------------|--------|-----------|------|
| SIDE CRASH PROTECTION | | | |
| Side head airbag | ● | ● | ● |
| Side chest airbag | ● | ● | ✘ |
| Side pelvis airbag | ● | ● | ✘ |
| CHILD PROTECTION | | | |
| Isofix | — | ✘ | ● |
| Integrated CRS | — | ✘ | ✘ |
| Airbag cut-off switch | — | ● | — |
| SAFETY ASSIST | | | |
| Seat Belt Reminder | ● | ● | ● |

| OTHER SYSTEMS | |
|-------------------------|---|
| Active Bonnet (Hood) | ✘ |
| 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 31.3 Pts / 82%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 7 Pts

Passenger Driver

Frontal Full Width 6.1 Pts

Rear Passenger Driver

Whiplash Rear Impact 2.2 Pts

Front seat Rear seat

Lateral Impact 16 Pts

Car Pole

AEB City 0

Performance: ■ Marginal

 ADULT OCCUPANT

Total 31.3 Pts / 82%

Comments

The passenger compartment of the Tipo remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of both driver and passenger and FIAT demonstrated that a similar level of protection would be provided to occupants of different sizes and to those in different positions. In the full-width frontal test, measurements of chest deflection indicated marginal protection of the chest for both the driver and rear passenger. Deceleration of the head also indicated a marginal level of protection. In both the side barrier and the side pole impacts the Tipo scored maximum points, with good protection of all critical body areas. Tests on the front seats and head restraints indicated good protection against whiplash injury in the event of a rear-end collision. A geometric assessment of the rear seats indicated a marginal level of whiplash protection was offered here. An autonomous braking system that operates at low speeds typical of city driving is available as part of an optional safety pack and was assessed for this rating. Its performance was marginal, failing to avoid impacts at speeds lower than 20km/h, and it scored no points.

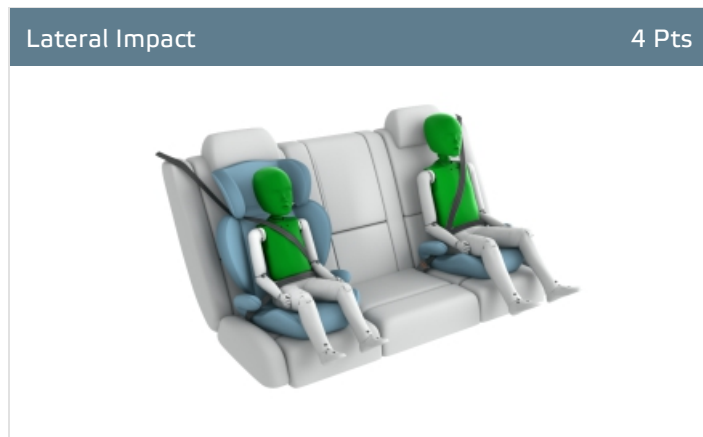
CHILD OCCUPANT

Total 29.8 Pts / 60%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

14.5 Pts



Restraint for 6 year old child: *TAKATA MAXI plus*
 Restraint for 10 year old child: *TAKATA MAXI plus (base only)*

Safety Features

4 Pts

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

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

CRS Installation Check

11.3 Pts

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

■ i-Size CRS



CHILD OCCUPANT

Total 29.8 Pts / 60%

■ **ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X3 ISOfix (ISOFIX)



Römer Duo Plus (ISOFIX)



Römer KidFix XP (ISOFIX)



■ **Universal Belted CRS**

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Römer King II LS (Belt)



Römer KidFix XP (Belt)



CHILD OCCUPANT

Total 29.8 Pts / 60%

| | Seat Position | | | |
|---|---------------|---------|--------|-------|
| | Front | 2nd row | | |
| | PASSENGER | LEFT | CENTER | RIGHT |
| Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize) | □ | ● | □ | ● |
| Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize) | □ | ● | □ | ● |
| BeSafe iZi Kid X1 i-Size (iSize) | □ | ● | □ | ● |
| Maxi Cosi Cabriofix & FamilyFix (ISOFIX) | □ | ● | □ | ● |
| BeSafe iZi Kid X3 ISOfix (ISOFIX) | □ | ● | □ | ● |
| Römer Duo Plus (ISOFIX) | □ | ● | □ | ● |
| Römer KidFix XP (ISOFIX) | □ | ● | □ | ● |
| Maxi Cosi Cabriofix (Belt) | ● | ● | ● | ● |
| Maxi Cosi Cabriofix & EasyBase2 (Belt) | ● | ● | ✘ | ● |
| Römer King II LS (Belt) | ● | ● | ● | ● |
| Römer KidFix XP (Belt) | ● | ● | ● | ● |

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

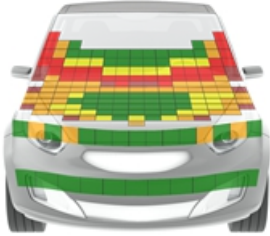
Comments

In the frontal offset test, readings of neck tension in the 10 year dummy indicated poor protection for that body area. Chest protection of the 6 year dummy was rated as weak. In the side barrier test, protection was good for all critical body regions. However, the back-rest of the restraint of the 6 year dummy became separated from the base and the score was penalised for this. The front passenger airbag can be disabled to allow a rearward-facing restraint to be used in that seating position. However, the information provided to the driver regarding the status of the airbag did not meet Euro NCAP's requirements and the system was not rewarded. All of the child restraint types for which the Tipo is designed could be properly installed and accommodated in all seating positions other than the rear centre seat which FIAT deem unsuitable for all restraints.

 PEDESTRIAN PROTECTION

Total 26.2 Pts / 62%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

| | | | | | | | |
|---|---|-------------|----------|---------------|---------|------------|-------|
| Pedestrian Protection | 26.2 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;">14.8 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">5.4 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table> | Head Impact | 14.8 Pts | Pelvis Impact | 5.4 Pts | Leg Impact | 6 Pts |
| Head Impact | 14.8 Pts | | | | | | |
| Pelvis Impact | 5.4 Pts | | | | | | |
| Leg Impact | 6 Pts | | | | | | |

| | |
|----------------|-------|
| AEB Pedestrian | 0 Pts |
|----------------|-------|

Comments

The surface of the bonnet provided mixed levels of protection to the head of a struck pedestrian. The protection provided by the bumper was good in all areas tested and that provided to a pedestrian's pelvis was predominantly good.

 SAFETY ASSIST

Total 6.9 Pts / 57%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance

1.5 Pts

| | |
|----------------------------------|----------------------------------|
| System Name | Speed Limiter Device |
| Speed Limit Information Function | N/A |
| Warning Function | Manually set |
| Speed Limitation Function | Manually set (accurate to 5km/h) |

Seat Belt Reminder

3 Pts

| Applies To | All seats | | |
|------------|-------------|--------------------|-------------------|
| | Driver Seat | front passenger(s) | rear passenger(s) |
| Warning | | | |
| Visual | ● | ● | ● |
| Audible | ● | ● | ● |

Pass
 Fail
 Not available

Lane Support

0 Pts

 SAFETY ASSIST

Total 6.9 Pts / 57%

AEB Interurban

2.4 Pts

| | |
|------------------------|---|
| System Name | Full Brake Control |
| Type | Forward Collision Warning with Auto-Brake |
| Operational From | 7 Km/h |
| Additional Information | Default On |

PERFORMANCE | 

| | | |
|-----------------------------------|--|--|
| Operational Speed | 7-200 Km/h | 7-200 Km/h |
| | Autobrake Function Only | Driver reacts to warning |
| Approaching a stationary car | See AEB City | Crash avoided up to 40km/h. Crash speed reduced up to 50km/h. |
| Approaching a slower moving car | Crash avoided up to 45km/h. Crash speed reduced up to 70km/h. | Crash avoided up to 65km/h. |
| FOLLOWING A CAR AT SHORT DISTANCE | | |
| Car in front brakes gently | Avoidance | Avoidance |
| Car in front brakes harshly | Mitigation | Mitigation |
| FOLLOWING A CAR AT LONG DISTANCE | | |
| Car in front brakes gently | Avoidance | Avoidance |
| Car in front brakes harshly | Avoidance | Avoidance |

Comments

The Tipo has a seatbelt reminder for the front and rear seats as standard equipment. An autonomous emergency braking system and a driver-set speed limiter are both part of the optional safety pack, the results of which are included in this assessment. The autonomous braking system showed good performance in Euro NCAP's tests at highway speeds.