



VW T-Roc
Standard Safety Equipment

2017



Adult Occupant



96%

Child Occupant



87%

Pedestrian



79%

Safety Assist



71%

SPECIFICATION

| | |
|-------------------------------|---|
| Tested Model | Volkswagen T-Roc 1.0 TSI Comfortline, LHD |
| Body Type | - 5 door SUV |
| Year Of Publication | 2017 |
| Kerb Weight | 1250kg |
| VIN From Which Rating Applies | - all T-Rocs |
| Class | Small Off-Road |

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 | ● | ● | ✘ |

Version 181017

SAFETY EQUIPMENT (NEXT)

| | Driver | Passenger | Rear |
|-----------------------|--------|-----------|------|
| 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 36.6 Pts / 96%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 7.5 Pts



Passenger Driver

Frontal Full Width 7.7 Pts



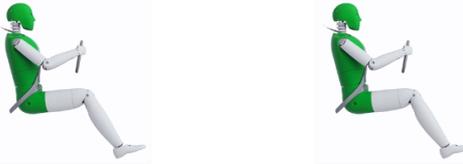
Rear Passenger Driver

Whiplash Rear Impact 2.4 Pts



Front seat Rear seat

Lateral Impact 16 Pts



Car Pole

AEB City 3

Performance: ■ Good

 ADULT OCCUPANT

Total 36.6 Pts / 96%

Comments

The passenger compartment of the T-Roc remained stable in the frontal offset test. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. VW 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, protection was good or adequate for all critical body regions of both the driver and rear passenger. In both the side barrier test and the more severe side pole impact, protection of all critical body areas was good and the T-Roc scored maximum points. Tests on the front seats and head restraints demonstrated good protection against whiplash injury in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The T-Roc has a standard-fit autonomous emergency braking system. Tests of its performance at the low speeds, typical of city driving, at which many whiplash injuries are caused revealed good performance, with impacts avoided at all test speeds.

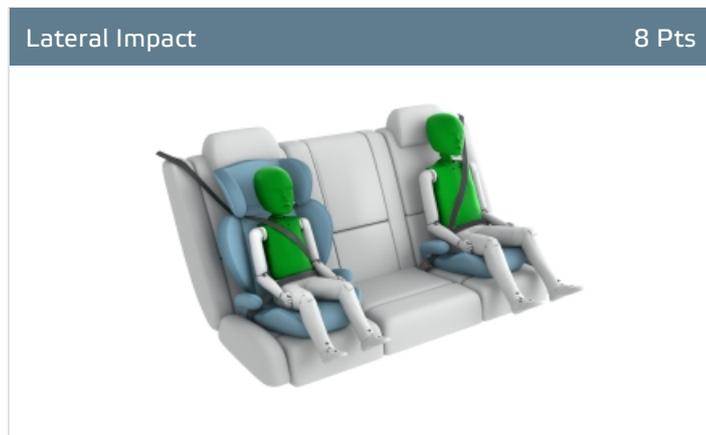
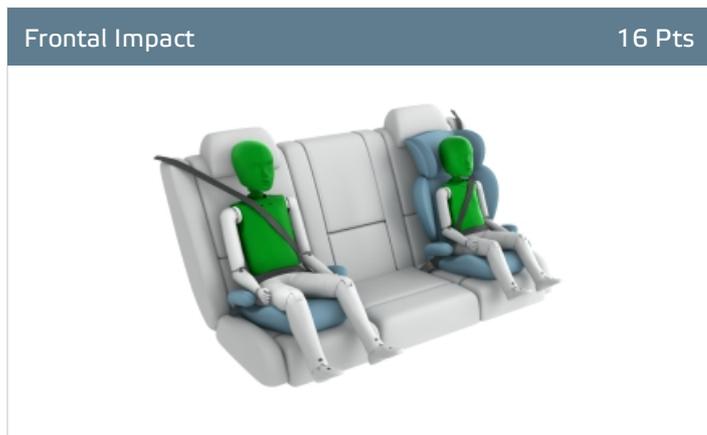
CHILD OCCUPANT

Total 43 Pts / 87%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

24 Pts



Restraint for 6 year old child: *Römer KidFix XP*
 Restraint for 10 year old child: *Römer KidFix XP*
Safety Features

7 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

12 Pts

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

■ i-Size CRS



CHILD OCCUPANT

Total 43 Pts / 87%

■ **ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 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 43 Pts / 87%

| | 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 X2 i-Size (iSize) | □ | ● | □ | ● |
| Maxi Cosi Cabriofix & FamilyFix (ISOFIX) | □ | ● | □ | ● |
| BeSafe iZi Kid X4 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, protection of both child dummies was good for all critical body areas. Similarly, in the side impact test, protection of all critical body areas was good for both dummies. The front 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. All of the restraint types for which the T-Roc is designed could be properly installed and accommodated in the car.

PEDESTRIAN PROTECTION

Total 33.5 Pts / 79%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

| | | | | | | | |
|-----------------------|---|-------------|----------|---------------|---------|------------|-------|
| Pedestrian Protection | 33.5 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;">17.3 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">4.4 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 | 17.3 Pts | Pelvis Impact | 4.4 Pts | Leg Impact | 6 Pts |
| Head Impact | 17.3 Pts | | | | | | |
| Pelvis Impact | 4.4 Pts | | | | | | |
| Leg Impact | 6 Pts | | | | | | |

| | |
|------------------------|---|
| AEB Pedestrian | 5.8 Pts |
| System Name | Front assist |
| Type | Auto-Brake with Forward Collision Warning |
| Operational From | 4 Km/h |
| Additional Information | Defaults on for every journey; operates above 40km/h and in low ambient light |

| | | |
|--|---------------------------------|--------------------------------|
| PERFORMANCE ■ | Autobrake Function | |
| | Avoidance | Mitigation |
| Running Adult crossing from Farside | Collision avoided up to 55 km/h | Impact mitigated up to 60 km/h |
| Walking Adult crossing from Nearside -25% | Collision avoided up to 40 km/h | Impact mitigated up to 60 km/h |
| Walking Adult crossing from Nearside -75% | Collision avoided up to 40 km/h | Impact mitigated up to 60 km/h |
| Running Child from behind parked vehicles | Collision avoided up to 35 km/h | Impact mitigated up to 55 km/h |

Comments

The protection provided by the bonnet to the head of a struck pedestrian was mostly good or adequate, with some poorer results around the base of the windscreen and along the stiff windscreen pillars. The bumper provided good protection to pedestrians' legs while protection of the pelvis was more mixed. The autonomous emergency braking system performed well in tests of its pedestrian detection, with impacts mostly avoided or mitigated.

SAFETY ASSIST

Total 8.5 Pts / 71%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance 0 Pts

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 2.7 Pts

| | |
|-----------------------|---|
| System Name | Lane Assist |
| Type | Lane Keep Assist and Lane Departure Warning |
| Operational From | 65 km/h |
| Warning | None |
| PERFORMANCE | |
| LKA Confirmation Test | Pass (5/5) |
| LDW Confirmation Test | Pass |

 SAFETY ASSIST

Total 8.5 Pts / 71%

AEB Interurban

2.8 Pts

| | | |
|---|---|--|
| System Name | Front Assist | |
| Type | Forward Collision Warning with Auto-Brake | |
| Operational From | 4 Km/h | |
| Additional Information | Default On; Supplementary Warning | |
| PERFORMANCE  | | |
| Operational Speed | 4-250 Km/h | 4-250 Km/h |
| | Autobrake Function Only | Driver reacts to warning |
| Approaching a stationary car | See AEB City | Crash avoided up to 60km/h. Crash speed reduced up to 75km/h. |
| Approaching a slower moving car | Crash avoided up to 70km/h. | Crash avoided up to 80km/h. |
| FOLLOWING A CAR AT SHORT DISTANCE | | |
| Car in front brakes gently | Avoidance | Avoidance |
| Car in front brakes harshly | Avoidance | Avoidance |
| FOLLOWING A CAR AT LONG DISTANCE | | |
| Car in front brakes gently | Avoidance | Avoidance |
| Car in front brakes harshly | Avoidance | Avoidance |

Comments

The T-Roc has, as standard, a seatbelt reminder system for the front and rear seats, a lane support system and an autonomous emergency braking (AEB) system. Tests of the AEB system at highway speeds demonstrated good performance with most collisions avoided or mitigated. A driver-set speed limiter is available as an option but is not included in this assessment.

RATING VALIDITY

Variants of Model Range

| Body Type | Engine & Transmission | Drivetrain | Rating Applies | |
|------------|-----------------------|------------|----------------|-----|
| | | | LHD | RHD |
| 5 door SUV | 1.0 petrol* | 4 x 2 | ✓ | ✓ |
| 5 door SUV | 1.5 petrol | 4 x 2 | ✓ | ✓ |
| 5 door SUV | 1.5 petrol | 4 x 4 | ✓ | ✓ |
| 5 door SUV | 2.0 petrol | 4 x 4 | ✓ | ✓ |
| 5 door SUV | 1.6 diesel | 4 x 2 | ✓ | ✓ |
| 5 door SUV | 2.0 diesel | 4 x 2 | ✓ | ✓ |
| 5 door SUV | 2.0 diesel | 4 x 4 | ✓ | ✓ |

* Tested variant

Annual Reviews and Facelifts

Date
 Event
 Outcome
 November 2017
 Rating Published

2017 ★★★★★

