



VW T-Roc
Standard Safety Equipment

2017



Adult Occupant



96%

Child Occupant



87%

VRU Impact Protection



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

✗ 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
CHILD PROTECTION			
Isofix/i-Size	—	✗	●
Integrated CRS	—	✗	✗
Airbag cut-off switch	—	●	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●

OTHER SYSTEMS	
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 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 16.0 Pts



Car



Pole

AEB City 3.0

Performance: Good



ADULT OCCUPANT

Total 36.6 Pts / 96%



GOOD



ADEQUATE



MARGINAL



WEAK



POOR



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 43.0 Pts / 87%

GOOD

ADEQUATE

MARGINAL

WEAK

POOR

Crash Test Performance based on 6 & 10 year old children

24.0 Pts

Frontal Impact

16 Pts



Lateral Impact

8 Pts

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

Safety Features

7.0 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

12.0 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 43.0 Pts / 87%

■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



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.



CHILD OCCUPANT

Total 43.0 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)	—	●	—	●
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, 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.



VRU IMPACT PROTECTION

Total 33.5 Pts / 79%

GOOD ADEQUATE MARGINAL WEAK POOR

VRU Impact Protection

27.7 Pts



Head Impact	17.3 Pts
Pelvis Impact	4.4 Pts
Leg Impact	6.0 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

Seatbelt Reminder 3.0 Pts

Applies To	All seats		
Warning	Driver Seat	Front Passenger(s)	Rear Passenger(s)
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 Inter-Urban

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 <div></div>		
	Autobrake Function Only	Driver reacts to warning
Operational Speed	4-250 km/h	4-250 km/h
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 ★ ★ ★ ★ ★	✓
November 2018	Annual Review	2017 ★ ★ ★ ★ ★	✓
November 2019	Annual Review	2017 ★ ★ ★ ★ ★	✓
November 2020	Annual Review	2017 ★ ★ ★ ★ ★	✓
November 2021	Annual Review	2017 ★ ★ ★ ★ ★	✓
April 2022	Facelift Review	2017 ★ ★ ★ ★ ★	✓