



# T-Cross Specifications

Overseas model shown. Local specifications may vary.





Overseas model shown. Local specifications may vary.

## Safety and Security

85TSI Life 85TSI Style 85TSI R-Line

### Airbags

Driver and front passenger airbags	S	S	S
Driver and front passenger side airbags	S	S	S
Curtain airbags, front and rear	S	S	S

### Anti-theft

Electronic engine immobiliser	S	S	S
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### Body

Door side impact protection	S	S	S
Fully galvanised body with 12 year corrosion perforation warranty	S	S	S
Rigid safety cell with front and rear crumple zones	S	S	S

### Brakes

Automatic flashing brake lights activated in emergency braking situation	S	S	S
Anti-lock Braking System (ABS)	S	S	S
Brake Assist	S	S	S
Electronic Brake-pressure Distribution (EBD)	S	S	S
Hill Start Assist (HSA)	S	S	S
Multi-collision brake	S	S	S

### Child restraints

Child seat top tether anchorage points, mounted on rear seat back (3)	S	S	S
ISOFIX child seat anchorage points, outer rear seats (2)	S	S	S

### Head restraints

Front safety optimised head restraints, height adjustable	S	S	S
Rear head restraints height adjustable (3)	S	S	S

### IQ.DRIVE\*

Adaptive Cruise Control (ACC) with Stop and Go function	S	S	S
Advanced driver attention & drowsiness monitor	S	S	S
Automatic kerb function when reversing, passenger's side exterior mirror	S	S	S
Distance warning display	S	S	S
Front Assist with Pedestrian and Cyclist Monitoring functions	S	S	S
Lane Assist, lane departure warning system	S	S	S
Manoeuvre Braking, front and rear	S	S	S
Optical Parking System (OPS) in infotainment system display	S	S	S
Park Assist, parking bay and parallel parking assistance	S	S	S
Parking distance sensors, front and rear with acoustic warning and audio volume level reduction when sensor warning is activated	S	S	S
Proactive occupant protection system in combination with Front Assist	S	S	S
Rear View Camera (RVC) with static guidance lines	S	S	S
Side Assist with Rear Traffic Alert	S	S	S
Travel Assist	S	S	S

### Locking

Keyless Access, keyless entry and starting system including starter button	-	S	S
Remote central locking (separate release for luggage compartment)	S	S	S
2 stage unlocking (programmable)	S	S	S
One touch lock / unlock for driver	S	S	S
Child safety locks on rear doors	S	S	S
Fuel filler flap lock/unlock by remote, push to open	S	S	S

S Standard - Not Available

\* Safety technologies are designed to assist the driver, but should not be used as a substitute for safe driving practices.

## Safety and Security Cont.

85TSI  
Life

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Style

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R-Line

### Seat belts

Front height adjustable with pre-tensioners and belt force limiters	S	S	S
Outer rear seat belts with pre-tensioners and belt force limiters	S	S	S
Visual and acoustic warning for front and rear seat passenger seat belts not fastened	S	S	S
3 point seat belts for all passengers	S	S	S

### Traction control

Anti-Slip Regulation (ASR)	S	S	S
Electronic Differential Lock (EDL)	S	S	S
Electronic Stabilisation Program (ESP)	S	S	S

## Exterior Equipment / Styling

85TSI  
Life

85TSI  
Style

85TSI  
R-Line

### Exterior highlights

Body coloured bumper bars and door handles	S	S	S
Exterior mirrors, body coloured	S	S	S
Lower air intake and radiator grille with black inserts	S	S	S
Protective black trim on lower front and rear bumpers, side sills and wheel arches	S	S	S
Radiator grille with gloss black finish, single chrome louvre and lower edge chrome highlight	S	S	S
Rear horizontal trim panel with reflector	S	S	S
Rear roof spoiler with gloss black aerodynamic extension	S	S	S
R-Line logo on radiator grille and front doors	-	-	S
Front and rear bumpers in R-styling painted in body colour	-	-	S
Front lower air intake in R design, black honeycomb	-	-	S
Lower body side cladding painted in body colour	-	-	S
Rear diffuser in R design, black honeycomb pattern	-	-	S
Side window lower trim in black	S	-	-
Side window lower trim in chrome	-	S	S
Underbody bumper strip in silver, front and rear	S	S	S

### Exterior lighting

Daytime driving lights, mounted in headlights	S	-	-
Daytime driving lights, mounted in bumper	-	S	S
Illuminated LED strip on radiator grille	-	S	S
Illuminated LED strip on tailgate panel	-	S	S
LED headlights for low and high beam	S	-	-
IQ.Light Matrix LED headlights for low and high beam with automatic self-levelling	-	S	S
Light Assist, automatic high beam headlight function	S	-	-
Dynamic Light Assist	-	S	S
Reversing lamps, rear both sides	S	S	S
Fog lamp, rear one side	S	S	S
Low light sensor with automatic headlight function	S	S	S
Rear tail lights, LED	S	-	-
Rear tail lights, LED Premium with animation brake light effect and dynamic indicators	-	S	S
Static cornering and poor weather lights	-	S	S
Surround lighting with welcome light (projection from door mirror)	S	S	S



T-Cross R-Line model shown. Overseas model shown. Local specifications may vary.





T-Cross Style model shown. Overseas model shown. Local specifications may vary.



## Exterior Equipment / Styling Cont.

85TSI Life 85TSI Style 85TSI R-Line

<b>Paint</b>			
Metallic and Pearl Effect paint finishes	O	O	O
Premium Metallic paint finish	-	-	O
<b>Roof</b>			
Roof rails, black	S	-	-
Roof rails, chrome	-	S	S
<b>Tinted glass</b>			
Darkened rear tail light clusters	S	S	S
Dark tinted rear side window and rear window glass, 65% light absorbing	-	-	S
Heat insulating tinted glass	S	S	S
<b>Wheels</b>			
Alloy wheels (Nottingham) 16x6" with 205/60 R16 tyres	S	-	-
Alloy wheels (Manila) 17x6.5" with 205/55 R17 tyres	-	S	-
Alloy wheels (Misano) 18x7" with 215/45 R18 tyres	-	-	S
Anti-theft wheel bolts	S	S	S
Low tyre pressure indicator	S	S	S
Spare wheel, weight and space saving	S	S	S
The weight and space saving spare wheel and tyre is speed restricted			

## Comfort and Convenience

85TSI Life 85TSI Style 85TSI R-Line

<b>Armrest</b>			
Front centre armrest with storage compartment, height and longitudinal adjustable	S	S	S
<b>Air conditioning</b>			
Air conditioning, manual control	S	-	-
Air quality and humidity sensor with automatic air recirculation	-	S	S
Air Care air cleaning function	-	S	S
Allergen, dust and pollen filter	S	S	S
Touch slider temperature controls	-	S	S
<b>Comfort indicator function (1 x touch = 3 x flash)</b>	S	S	S
<b>Console</b>			
Centre console with open storage compartment, cup holders and 12 volt socket	S	S	S
<b>Cup holder</b>			
Front (2)	S	S	S
Bottle holders in front and rear door pockets	S	S	S
<b>Driving Profile Selection</b>			
Eco, Sport, Normal and Individual driving modes	-	-	S
<b>Floor mats</b>			
Front and rear, carpet	-	S	S

## Comfort and Convenience Cont.

85TSI Life 85TSI Style 85TSI R-Line

<b>In car entertainment and technology</b>			
<b>Digital Cockpit</b>			
Colour digital display with customisable views of speedometer, tachometer, driving data and driver assistance systems	S	-	-
<b>Digital Cockpit Pro</b>			
Colour digital display with multiple customisable views of speedometer, tachometer, navigation, driving data, audio, telephone and driver assistance systems	-	S	S
<b>Composition Media audio system</b>			
8.0" colour capacitive touch screen display with smartphone style HMI and proximity sensor, AM/FM radio, compatible with MP3, WMA and AAC music files, digital clock, car menu with convenience and service settings, security coded	S	-	-
<b>Discover Media audio and satellite navigation system</b>			
8.0" colour capacitive touch screen display with smartphone style HMI and proximity sensor, voice control, AM/FM radio, 2D and 3D (bird's eye) map views, compatible with MP3, WMA and AAC music files, digital clock, car menu with convenience and service settings, security coded	-	S	S
<b>App-Connect USB interface for Apple CarPlay® and Android Auto™#</b>	S	S	S
<b>Wireless App-Connect for Apple CarPlay® and Android Auto™#</b>			
App-Connect featuring wireless Apple CarPlay® and wireless Android Auto™ is compatible with the latest versions of iOS and Android, active data service required, optional connection cable (sold separately).	S	S	S
Audio, telephone, cruise control and Multi-Function Display controls mounted on steering wheel	S	S	S
BeatsAudio 300W premium audio system with 8-channel digital amplifier and subwoofer	-	-	S
Bluetooth® phone connectivity and audio streaming, multiple devices. Operation via infotainment screen or Digital Cockpit	S	S	S
DAB+ Digital radio reception	S	S	S
Inductive wireless phone charging	S	S	S
Speakers, front (4) and rear (2)	S	S	S
USB-C ports (2) front, located in front centre console and (2) rear, located on back of centre armrest storage compartment, charging capacity up to 45W	S	S	S
<b>Interior highlights</b>			
Brushed stainless steel finish accelerator and brake pedals	-	-	S
Black headlining and pillar trim	-	-	S
Chrome elements on infotainment system, Digital Cockpit, air vents and gear shifting gate	-	S	S
Gloss black highlight surrounding instruments and infotainment system	S	S	S
Gearshift knob and handbrake lever handle with leather trim	S	S	S
Leather multi-function steering wheel with gearshift paddles	S	S	S
R-Line scuff plates in front door sills	-	-	S
Life decorative dashboard inlays	S	-	-
Cosmic Blue leatherette inlays to dashboard and front doors	-	S	-
Grey leatherette inlays to dashboard and front doors	-	-	S
<b>Interior lighting</b>			
Interior light with time delay	S	S	S
LED ambient lighting	-	S	S
Driver and front passenger foot well lighting	-	S	S
Passenger reading lights, front (2) and rear (2)	S	-	-
Passenger reading lights LED, front (2) and rear (2)	-	S	S

S Standard O Optional - Not Available

# App-Connect featuring wireless Apple CarPlay® and wireless Android Auto™ is compatible with the latest versions of iOS and Android, active data service required, optional connection cable (sold separately).



## Comfort and Convenience Cont.

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### Luggage compartment

Load restraining hooks	S	S	S
Luggage compartment light	S	S	S
Luggage cover, removable	S	S	S
Shopping bag hooks	S	S	S
Variable luggage compartment floor level	S	S	S

### Mirrors

Automatic dimming interior rear-view mirror	S	S	S
Electrically foldable exterior mirrors	S	S	S
Electrically heated and adjustable exterior mirrors	S	S	S
LED turn indicators integrated in exterior mirrors	S	S	S

### Power steering

Electro-mechanical, vehicle speed and steering input sensitive	S	S	S
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### Seating

Comfort front seats	S	-	-
Comfort sport front seats	-	S	S
Height adjustment for driver's seat	S	S	S
Height adjustment for front passenger's seat	S	S	S
Lumbar adjustment for front seats, manually adjustable	S	S	S
Split folding rear seat backrest (40/60)	S	S	S
Rear seat base, longitudinally sliding	S	S	S

### Steering wheel

Leather covered 3 spoke flat bottomed steering wheel	S	S	S
Audio, telephone, cruise control and Multi-Function Display controls	S	S	S
Gearshift paddles mounted on steering wheel	S	S	S
Height and reach adjustable	S	S	S

### Storage

Coat hooks on centre door pillars	S	S	S
Compartment for owner's manual under left front seat	S	S	S
Compartment (open) in front centre console	S	S	S
Compartment (open) in rear of centre console	S	S	S
Drawer under driver's seat	S	S	S
Front centre armrest storage compartment	S	S	S
Front door pockets	S	S	S
Front seat back storage pockets	S	S	S
Glove compartment with illumination	S	S	S
Rear door pockets	S	S	S

### Sun visors

Driver and front passenger	S	S	S
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### Transmission

7 speed Direct Shift Gearbox (DSG) with Tiptronic function and Sport mode	S	S	S
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## Comfort and Convenience Cont.

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### Upholstery

Comfort cloth	S	-	-
Comfort sport cloth	-	S	-
Sports cloth and microfleece	-	-	S

### Vanity mirrors

Driver's side vanity mirror	S	S	S
Front passenger's side vanity mirrors	S	S	S

### Windows

Power front and rear with one-touch up-down	S	S	S
Remote operated convenience close and open feature (programmable)	S	S	S

### Wipers

2 speed aero wipers with wash/wipe	S	S	S
Rain sensor	S	S	S
Rear window with wash/wipe and intermittent wipe	S	S	S

### 12V accessory socket in centre console

	S	S	S
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## Colours & Upholstery - 85TSI Life



Pure White



Grape Yellow



Clear Blue M



Reflex Silver M



Smokey Grey M



Deep Black PE



### 85TSI Life

Melange Grey comfort cloth seat upholstery

Please note: Metallic (M), Premium Metallic (PM) and Pearl Effect (PE) paint are optional at additional cost.

The print process does not allow for exact reproduction of the exterior or the upholstery colours. Please contact your Volkswagen Dealer for further information on colours and upholstery combinations.



## Colours & Upholstery - 85TSI Style



Pure White



Grape Yellow



Clear Blue M



Reflex Silver M



Smokey Grey M



Deep Black PE



### 85TSI Style

Cosmic Blue-Titanium Black comfort sport cloth and leatherette seat upholstery\*

Please note: Metallic (M), Premium Metallic (PM) and Pearl Effect (PE) paint are optional at additional cost.

\*Leatherette consists wholly of artificial leather.

The print process does not allow for exact reproduction of the exterior or the upholstery colours. Please contact your Volkswagen Dealer for further information on colours and upholstery combinations.



## Colours & Upholstery - 85TSI R-Line



Pure White



Grape Yellow



Clear Blue M



Smokey Grey M



Reflex Silver M



Deep Black PE



Kings Red PM



**85TSI R-Line**

Grey sports cloth/microfleece and Leatherette upholstery\*

Please note: Metallic (M), Premium Metallic (PM) and Pearl Effect (PE) paint are optional at additional cost.

\*Leatherette consists wholly of artificial leather.

The print process does not allow for exact reproduction of the exterior or the upholstery colours. Please contact your Volkswagen Dealer for further information on colours and upholstery combinations.



# Technical Specifications

## 85TSI Life, Style & R-Line

<b>Engine</b>	<b>1.0 litre TSI</b>		
Type	3 cylinder inline turbocharged direct injection petrol with engine Start/Stop system and brake energy recuperation*		
Installation	Front transverse		
Cubic capacity, litres/cc	1.0/999		
Max power, kW @ rpm	85 @ 5000-5500		
Max torque, Nm @ rpm	200 @ 2000 - 3500		
Emission level-	EU6		
Fuel type (Recommended)	Minimum 95 RON		
<b>Transmission</b>	<b>7 Speed DSG</b>		
Driven wheels	Front wheel drive		
<b>Performance #</b>			
0 – 100 km/h, seconds	10.2		
<b>Fuel Consumption **</b>			
Combined, L/100km	5.6		
Urban, L/100km	6.5		
Extra Urban, L/100km	5.0		
CO2 emission g/km~	126		
Fuel tank capacity litres	40		
<b>Running gear</b>			
Suspension	Independent suspension, MacPherson struts and coil springs.		
Front Axle	Torsion beam axle, trailing arms, coil springs.		
Rear Axle	Electro-mechanical power assisted rack & pinion steering.		
Steering	Anti-lock Braking System (ABS) with Electronic Brake-pressure Distribution (EBD), Brake Assist and Electronic Stabilisation Program (ESP).		
Brake Systems			
Brakes	Ventilated discs		
Front	Discs		
Rear	10.6		
Turning Circle (m)			
<b>Weights</b>			
Tare Mass kg's	1289		
Towbar Capacities* kg			
Braked	1100		
Unbraked	630		
Towbar Load Limit	75		
<b>Exterior Dimensions</b>			
Overall length mm	4108		
Width mm	1760		
Height mm	1583		
Wheelbase mm	2563		
<b>Track mm</b>	85TSI Life	85TSI Style	85TSI R-Line
Front	1534	1526	1526
Rear	1516	1508	1508

\*The Start/Stop system is designed to reduce fuel consumption and CO2 emissions. It achieves this by automatically switching off the engine while the vehicle is stationary and then starting it again automatically when the driver wants to drive off.

There are certain operating conditions where the Start/Stop system is deactivated (e.g. during engine warm-up), please refer to the owner's manual for full operating information.

\*\* Fuel consumption figures according to ADR 81/02 derived from laboratory testing. Factors including but not limited to driving style, road and traffic conditions, environmental influences, vehicle condition and accessories fitted, will in practice in the real world lead to figures which generally differ from those advertised. Advertised figures are meant for comparison amongst vehicles only.

~ Emission level according to European Regulation (EC) No. 715/2007 and Regulation (EC) No. 692/2008, UN ECE R83/06 and later amendments.

# The figures stated are for the purposes of comparison amongst vehicles tested under the same testing procedures only.

The actual figure may vary depending on multiple factors such as fuel quality, vehicle load, environmental and road conditions.



# Technical Specifications Cont.

## 85TSI Life, Style & R-Line

Running clearance mm <sup>⌘</sup>	185
<b>Luggage Area Dimensions #</b>	
Luggage area volume L	
Rear seat upright	385-455+
Rear seat folded	1281
Luggage area floor length mm	
Rear seat upright	748
Rear seat folded	1465
Luggage area width mm	
At narrowest point	998



T-Cross R-Line model shown. Overseas model shown. Local specifications may vary.

⌘ Please note running clearance measurement may vary with wheel size, tyre pressures, tread depth.  
+ With rear seat in the forward position.



# Glossary

## Adaptive Cruise Control (ACC)

Adaptive Cruise Control (ACC) is an extension of the conventional cruise control system with advanced capabilities based on a radar sensor. When ACC is activated, the vehicle automatically brakes and accelerates to a speed and distance set by the driver.

If the T-Cross approaches a slower vehicle, the ACC brakes the car to the same speed and maintains the pre-selected distance. Even when a vehicle pulls into the same lane in front of you or slows, your vehicle is automatically decelerated to the pre-selected distance. If the vehicle ahead moves out of your lane, the T-Cross then accelerates up to the preset desired speed.

Deceleration of the vehicle may take place via intervention in the engine management system. If deceleration via engine torque is not sufficient, brake intervention takes place, braking the vehicle to a standstill if the traffic situation necessitates.

The distance to the vehicle in front can be pre-set in the car menu of the infotainment system and individually varied via the multi-function steering wheel. The status of the ACC system can be viewed in driver assistance systems menu in the Digital Cockpit.

Adaptive Cruise Control (ACC) cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle and must monitor the speed and distance in relation to other vehicles. The ACC system should not be used on winding roads or in adverse weather conditions such as heavy rain.

## Advanced driver attention & drowsiness monitor

The Advanced driver attention & drowsiness monitor automatically analyses the driving characteristics and if they indicate possible fatigue, recommends that the driver takes a break. The system continually evaluates driver assistance systems for steering and driving behaviour (e.g. Lane Assist), in addition to the operating behaviour of infotainment and air conditioning systems on motorways and others roads at speeds in excess of 60 km/h, and calculates a fatigue estimate. If fatigue is detected, the driver is warned by information in the Multi-function Display and an acoustic signal. The warning is repeated after 15 minutes if the driver has not taken a break.

Advanced driver attention & drowsiness monitor cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle and therefore determining whether or not they are fit to drive. A driving time of 15 minutes is required in order to assess the driver correctly. The functionality of the system is restricted given a sporty driving style, winding roads and poor road surfaces.

## Anti-lock Braking System (ABS)

When braking, wheel speed sensors measure the road wheel speed and should one or more wheels start to lock the ABS system reduces brake pressure to that wheel. This prevents the wheels from locking during heavy or emergency braking, enabling the vehicle to remain steerable.

## Anti-Slip Regulation (ASR)

ASR is a traction control system that prevents the driven wheels from spinning under acceleration by reducing engine torque. It is active at speeds above 40km/h..

## Brake Assist

During emergency braking, Brake Assist aids the driver by increasing the brake pressure automatically to a level exceeding the locking limit. The ABS is thus quickly brought into the operating range, which enables maximum vehicle deceleration to be achieved.

## Direct Shift Gearbox (DSG)

DSG is a manual gearbox in which the gearshifts are controlled electronically. What makes the DSG unique is that it has 2 separate gear sets operated by 2 clutches.

The benefit of 2 gear sets and 2 clutches is that one gear set and clutch is engaged driving the vehicle with the second disengaged clutch having already pre-selected the next gear awaiting for power to be transferred. As the next gear has already been pre-selected prior to power being applied, the gear change only takes 3-4 100ths of a second. There is virtually no interruption to power, traction or acceleration.

The DSG also offers Tiptronic gear selection and sports mode.

## Driving Profile Selection

Driving profile selection provides the driver with a wide-ranging choice of settings that can be made to the vehicle according to the driver's preferences. The driver has the option of choosing between the following driving profiles: Normal, Sport, Eco and Individual. The Normal profile offers a comfortable but dynamic driving style. Sport provides faster response of the accelerator pedal, sportier steering, while the DSG switches to Sport mode. Eco mode has been designed to enhance fuel efficiency by adapting engine performance, earlier gearshift points and consumption-optimised control of the air conditioning system. The Individual setting allows the driver to separately set various parameters including steering, engine, Adaptive Cruise Control (ACC) and air conditioning.

## Electronic Brake-pressure Distribution (EBD)

Electronic, more sophisticated means of regulating the ratio of front/rear brake pressure. Settings are varied according to driving and load conditions to ensure each wheel is braked to the optimum extent.

## Electronic Differential Lock (EDL)

EDL improves driving and steering characteristics when accelerating on road surfaces where each wheel has a different degree of traction. The system operates automatically and is combined with the ABS system. Using the ABS wheel sensors, EDL monitors the speed of the individual driving wheels. When a difference in driving wheel speed is detected (i.e. when one wheel starts to spin due to differences in road surfaces, e.g. due to water or dirt) the system brakes the spinning wheel, transferring engine power to the wheel with the best traction. EDL is active in forward and reverse and operates up to 40km/h.

## Electronic Stabilisation Program (ESP)

ABS and ASR traction control systems are integrated into the Electronic Stabilisation Program (ESP). In short, ESP helps ensure that the vehicle goes where you steer it even in extreme driving conditions. The ESP system constantly compares the actual movement of the vehicle with pre-determined values and should a situation arise where the vehicle starts to skid, ESP will apply the brakes to individual wheels and automatically adjust the engine's power output to correct the problem. ESP prevents the vehicle from losing control when trying to avoid an accident, for example. It also reduces the effects of understeer or oversteer.

# Glossary

## Front Assist with Pedestrian and Cyclist Monitoring functions

The Front Assist ambient traffic monitoring system uses a radar sensor to detect critical distance situations and thus help to shorten the braking distance, reducing the risk of a rear-end collision.

The traffic ahead is monitored constantly by the radar at the front. If a vehicle is detected ahead of you in the lane, the distance and the speed relative to it are calculated. If the gap is closing too fast, Front Assist initially warns the driver by means of an audible as well as a visual signal. At the same time, the brake pads are brought into contact with the brake discs and the sensitivity of the Brake Assist is increased. This primes the braking system for a possible emergency stop. Furthermore, an automatic jolt of the brakes warns the driver of the danger. If the driver also fails to react to the warning jolt, Front Assist brakes automatically, helping to avoid a collision or reduce the severity of the accident.

At vehicle speeds below 30km/h, the system monitors the area ahead of the car for vehicles which might present a threat of collision. If a collision is likely, the brakes are first pre-charged and makes the Brake Assist system is made more sensitive: if the driver should notice the risk, the car is ready to respond more quickly to their braking action. However, if the driver still takes no action and a collision becomes imminent, emergency braking is independently applied. If the driver intervenes to try to avoid the accident, either by accelerating hard or by steering, the system will deactivate and allow the driver to complete the avoidance manoeuvre.

Pedestrian and Cyclist Monitoring is an extension of the Front Assist monitoring system. The system uses a radar sensor in the radiator grille to monitor the area in front of the vehicle and within the limits of the system, register certain situations, for example a pedestrian stepping onto the road suddenly. The system then gives an immediate acoustic and visual signal to warn the driver. If the driver does not brake, the system initiates a jolt of the brake as a warning about the critical situation, while at the same time preparing for hard braking. If the driver fails to react, the system automatically performs emergency braking, within system limits. Ideally this will prevent a collision, or at least reduce its severity.

Front Assist with Pedestrian and Cyclist Monitoring cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle and must monitor the speed and distance in relation to other vehicles.

## Hill Start Assist

Hill Start Assist (HSA) holds the vehicle when the foot brake is released by temporarily locking the brake pressure (for a maximum of 1.5 seconds) to provide comfortable starting-off without rolling back. Hill Start Assist (HSA) operates on inclines greater than 5% and is fitted in combination with manual transmissions and the Direct Shift Gearbox (DSG).

## Lane Assist

Lane Assist is a lane departure warning system that is designed to help reduce the likelihood of the vehicle leaving the road or crossing into an oncoming lane and therefore the risk of accident as a result of driver distraction or a lapse in concentration.

The Lane Assist system monitors the road ahead with the aid of a camera (located near the interior rear-view mirror) which recognises lane markings and evaluates the position of the vehicle. If the vehicle starts to leave the lane, the Lane Assist system takes corrective steering action. If this is not sufficient the driver is warned about the situation by a steering vibration and is asked to take over the steering. Additionally, if no active steering movements by the driver are recognised for longer than approximately 8 seconds, a message will appear in the Multi-Function Display in conjunction with a warning tone. The corrective steering function can be overridden by the driver at any time and the system does not react if the turn indicator is set before crossing a lane marking.

Lane Assist cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle and therefore staying in the lane at all times. The system will not work if there are no recognisable lane markings. The camera vision can be reduced by rain, snow, heavy spray or oncoming lights. This and vehicles in front of you can lead to the lane markings not being recognised by the Lane Assist system. The Lane Assist system does not activate at a vehicle speed of less than 65km/h.

## Manoeuvre braking

Manoeuvre braking assists the driver to avoid or reduce damage in a potential collision by initiating emergency braking. It supports the driver during forward and reverse manoeuvring in a speed range of a maximum 10 km/h. If the risk for an accident is recognised, emergency braking is initiated to minimise possible damage.

Manoeuvre braking cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle. The object must be detected by the sensors. If the driver notices a risk that pedestrians, other vehicles or objects could be damaged they need to react accordingly and stop the vehicle.

## Multi-collision brake

The multi-collision brake has been designed to provide effective assistance for the driver in the moments after an accident. Multi-collision brake triggers automatic controlled braking once an initial collision has been detected so as to reduce the intensity of further accidents after a collision and can help prevent follow-on collisions with oncoming traffic.

The triggering of the multi-collision brake is based on a collision being detected by the airbag sensors. The ESP control unit limits the deceleration of the vehicle by the multi-collision brake to a defined value and vehicle speed. The vehicle can still be controlled by the driver, even when automatic braking is taking place. The driver can interrupt the multi-collision braking at any time by accelerating or braking even more strongly.

## Park Assist

The third generation Park Assist system actively helps the driver when entering or reversing into 90° parking bays, as well as reversing into and driving out of parallel parking spaces. The system works by using sensors mounted either side of the front and rear bumpers together with parking distance sensors front and rear. To park, the driver simply presses the Park Assist button to select the type of parking manoeuvre and uses the appropriate indicator as the car slowly passes the potential parking space. Sensors scan the size of the parking space as the car is driven past and the driver is alerted if the parking space is big enough. If there is sufficient space, the driver stops the car, selects the correct gear and lets go of the steering wheel.

Park Assist will alert the driver of the intended path and subsequently the appearance of obstacles in the Multi-Function Display, within the driver's field of vision. Park Assist then actively supports the driver by taking over the steering control and parks the vehicle in the available space using the ideal course, if necessary with several moves. The driver can however take over the control of the steering at any time and end the automatic parking procedure.

Park Assist cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle. If the driver notices a risk that pedestrians, other vehicles or objects could be damaged or if they are uncertain of the risk, they will need to react accordingly and stop the vehicle, ending the function.

## Travel Assist

Travel Assist is an assistance system for partly automated driving. At the push of a button, Travel Assist can support the driver in monotonous and tiring driving situations commonly encountered on long motorway journeys. This system combines the functions of Adaptive Cruise Control (ACC) and Lane Assist with adaptive lane guidance to accelerate, brake and maintain the vehicles position within its lane. The capacitive steering wheel can detect whether the driver's hands are on the steering wheel in readiness to steer the vehicle and will issue a visual and audible warning when not detected.

Travel Assist cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle and must monitor the speed and distance in relation to other vehicles. Travel Assist has been developed for use only on motorways. The ACC system should not be used on winding roads or in adverse weather conditions such as heavy rain. The system will not work if there are no recognisable lane markings. The camera vision can be reduced by rain, snow, heavy spray or oncoming lights. This and vehicles in front of you can lead to the lane markings not being recognised by the Lane Assist system.





T-Cross R-Line model shown. Overseas model shown. Local specifications may vary.

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