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Golf GTI TCR - The driving presentation

Portimão, January 2019



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Notes:

You can find this press release as well as images and video of the Golf GTI TCR on the internet at:
www.volkswagen-newsroom.com

Equipment specifications and technical data of serial models apply to the model range offered in Germany. There may be discrepancies for other countries.

1 = Golf GTI TCR (WLTP) fuel consumption in l/100 km: low 10.3 / medium 7.5 / high 6.7 / extra high 7.8 / combined 7.7; CO₂-Emission combined, g/km: 175; efficiency class: D

1 = Golf GTI TCR (NEDC) fuel consumption in l/100 km: urban 8.3 / extra-urban 5.8-5.7 / combined 6.7; combined CO₂ emissions in g/km: 153-151; efficiency class: D

2 = Golf GTI Performance (WLTP) fuel consumption in l/100 km: low 10.1 / medium 7.1 / high 6.3 / extra high 7.5 / combined 7.4; CO₂-Emission combined, g/km: 168; efficiency class: D

2 = Golf GTI Performance (NEDC) fuel consumption in l/100 km: urban 9.0/ extra-urban 5.5 / combined 6.8; combined CO₂ emissions in g/km: 155; efficiency class: D

3 = Golf GTI Performance DSG (WLTP) fuel consumption in l/100 km: low 10.6 / medium 7.2 / high 6.2 / extra high 7.1 / combined 7.3; CO₂-Emission combined, g/km: 165; efficiency class: C

3 = Golf GTI Performance DSG (NEDC) fuel consumption in l/100 km: urban 7.5-7.3 / extra-urban 5.6-5.5 / combined 6.3-6.2; combined CO₂ emissions in g/km: 143-140; efficiency class: C

4 = Golf R (WLTP) fuel consumption in l/100 km: low 11.4 / medium 8.4 / high 7.2 / extra high 8.2 / combined 8.4; CO₂-Emission combined, g/km: 189; efficiency class: D

4 = Golf R (NEDC) fuel consumption in l/100 km: urban 8.2-8.0 / extra-urban 6.6-6.4 / combined 7.2-7.0; combined CO₂ emissions in g/km: 164-158; efficiency class: D



To the point

Technology transfer between motorsport and series:

Racing car serves as a model for the Golf GTI TCR

Important information – key points of the Golf GTI TCR

- **GTI evolution:** After building nearly 2.3 million Golf GTIs to date, a new evolutionary stage of the sports car has arrived: the Golf GTI TCR.
 - **Pre-sales under way:** Since January 2019, the new Golf GTI can now be ordered at the base price of 38,950 euros (Germany).
 - **DSG standard equipment:** The GTI TCR¹ TSI delivers 290 PS and 380 Nm; power is transmitted to the front wheels via a dual-clutch gearbox (DSG) and locking differential.
 - **From the racetrack to the road:** The Golf GTI TCR is the road version of the 350 PS Golf GTI in the TCR race series.
 - **Speeds of up to 260 km/h:** Without a limiter (optional), the Golf GTI TCR reaches a top speed of 260 km/h.
 - **Motorsport genes:** Front section with splitter (front spoiler) rear section with diffuser and own roof edge spoiler.
 - **Racing equipment:** A steering wheel with a red 12 o'clock stripe, new sports seat design and 18-inch forged wheels.
 - **Superior braking system:** The Golf GTI TCR is equipped with a high-performance braking system as standard.
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Key aspects

Golf GTI TCR – The next evolutionary stage of an icon

Wolfsburg / Portimão, January 2019. The Golf GTI: the world's most successful compact sports car. Nearly 2.3 million of this icon have been produced and sold over seven generations. Since the debut of the original GTI in 1976, the DNA of this Golf model has never changed: compact hatchback body, low weight, agile 4-cylinder, front-wheel drive, crisp suspension, red stripes in the radiator grille and classless, confident design. Still, the Golf GTI

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was repeatedly refined and perfected from generation to generation. Now, Volkswagen is launching a new evolutionary stage of this cult compact polished like a rough diamond: the Golf GTI TCR¹, which reaches speeds of up to 260 km/h (optional). The special edition is a motorsport-inspired road version of the racing car of the same name and two-time overall winner of the international TCR race series. The successful touring racing car's genes also make the new GTI top model unmistakable: Design, power and performance are intrinsic to the pure sports car doctrine. The 2.0 litre turbo engine of the new Golf GTI TCR delivers 213 kW / 290 PS (at 5,400 to 6,400 rpm). This makes it 33 kW/45 PS more powerful than the current Golf GTI Performance^{2/3}. Even at 1,000 rpm – a touch above idle speed – 200 Nm of torque is available in the Golf GTI TCR. The maximum torque of 380 Nm lies between 1,800 and 5,300 rpm – this wide torque plateau ensures equally superior as well as agile drive characteristics.

7-speed DSG and additional radiators. Power is transmitted to the front wheels as standard via a 7-speed dual-clutch gearbox (DSG) and a locking differential. To provide appropriate cooling to handle the increased engine power in any situation, the Golf GTI TCR has been equipped with two extra water radiators in front, the same as the all-wheel drive Golf R⁴.

Up to 260 km/h. The factory maximum speed is 250 km/h, but this can be increased to 260 km/h by opting to remove the electronic Vmax limiter. Regardless of where the digital speedometer needle (standard Active Info Display) stops, the roof edge spoiler ensures the necessary downforce at the rear axle. The Golf GTI TCR completes the sprint to 100 km/h in 5.6 seconds. The efficiency of the four-cylinder four-valve engine combined with a petrol particulate filter is demonstrated by the combined consumption (NEDC): 6.7 l/100 km. The new Golf GTI TCR has been available for order since January of this year.

18- and 19-inch wheels. Numerous individual features add to the Golf GTI TCR's sporty character and robust look. The new top Golf GTI model comes standard with 18-inch "Belvedere" forged wheels from the Wolfsburg plant.



Newly designed 19-inch alloy wheels in "Reifnitz" and "Pretoria" designs are optionally available. Lurking behind the large alloy wheels are perforated brake discs together with special brake pads to slow the racing offshoot just as confidently as its paragon on the racetrack.

Differential lock and four driving profiles. Always on board too: the front-axle locking differential well known from the Golf GTI Performance (optimising traction and handling on fast bends) and the driving profile selection with the modes "ECO", "NORMAL", "SPORT" and "INDIVIDUAL". The latter enables the specific tuning of the steering, engine performance curve and gearbox as well as (optional) Dynamic Chassis Control (DCC).

Vmax removal and DCC in one package. As an optional extra, particularly enthusiastic drivers can push the design of the Golf GTI TCR even further in the direction of the racetrack – just by selecting the associated package. Option no. 1: The 19-inch "Reifnitz" wheels in Black matt with 235/35 R 19 tyres. In this case, the package automatically includes: removal of the Vmax limit, and adaptive Dynamic Chassis Control (DCC) including running gear that is lower by 20mm compared with the normal running gear (five millimetres less as compared to the GTI running gear) as well as a special sports adjustment of the front axle and rear axle shock absorbers. It allows the features of the electrical shock absorbers to be adjusted at the touch of a button and a choice of a sporty, comfortable or normal chassis configuration as desired and depending on the situation. Option no. 2: The 19-inch "Pretoria" wheels in glossy Black with 235/35 R 19 sports tyres (semislicks) for the racetrack. This option also includes removal of the Vmax limit, a sports version of the rear shock absorbers and adaptive Dynamic Chassis Control (DCC), as well as additional anti-theft wheel locks.

Stainless-steel exhaust system. The standard stainless-steel exhaust system was also tuned for the increased performance. The tailpipes are arranged on the left and right of the diffuser in the rear.



Design transfer from racing. The Golf GTI TCR's distinctive look is also proof of its outstanding position. At the front, the most powerful GTI of the current model programme has a sharply cut, high-gloss black splitter as an additional front spoiler, as is common in motor sport. Also new: the high-gloss black sill caps in the side panel; their lines are optically continued into the rear section. Here they meet a strikingly designed diffuser – similar to the side sills and the front splitter in the same glossy black – and the left and right exterior integrated single tailpipes of the exhaust system. Up in the rear, however, the dynamic line of the roof section transitions into the shiny black spoiler.

"Pure Grey" and classic GTI colours. New for the Golf GTI TCR is the colour "Pure Grey". The other colours have been GTI classics from the start: "Pure White", "Tornado Red", "Deep Black Pearl Effect" and "Oryx White Pearl Effect". Combined with "Pure Grey", "Pure White" and "Tornado Red", there is the option to order the roof in the contrasting colour "Black". Also black: the exterior mirror caps (optional Carbon look) and the "TCR" lettering above the sills. On request, the vehicle flank on the left and right of the B-pillar is additionally individualised by a striking honeycomb decor foil. The Golf GTI TCR has a particularly inviting effect when opening the front doors: the TCR logo is then projected onto the asphalt. The exterior features of the classic GTI insignia include the legendary red stripes in the radiator grille and the standard LED headlights. Elegantly toned: the dark red LED rear lights.

Interior with exclusive features. Drivers and passengers are seated in top sports seats, whose microfibre/fabric covers were crafted specially for this version. Anthracite-coloured microfibre features include the flanks of the seat and backrest. The striped centre seat panels (in fabric), however, feature the contrasting colour "Flashred" on a black background. Also featuring this red colour: the stitching on the seats, the centre armrest (front) and headrests, as well as seat belt edges and contrasting seams on the door trims, the DSG gearshift and the three-spoke sports steering wheel. This is not the only reason why the latter conveys a pure racetrack feeling: As an analogy to

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the TCR racing series, the leather cover is specially imprinted (perforated leather) at the 3 o'clock and 9 o'clock positions, as well as with a red 12 o'clock mark. Like the seats, the door inserts and the gearshift cover are made of microfibre. Meanwhile, the "Flashred" of the seats and seams is incorporated by the standard ambient lighting in the door sills and the colour graphics of the likewise free-of-charge "Composition Media" infotainment system and the optional "Discover Media" and "Discover Pro" navigation systems, respectively. New decor brings the interior to perfection.



TCR – The racing series and the racing car

Worldwide motorsport. The TCR series born in 2015 combines top-class racing with series-based technology. 4- and 5-door vehicles with 2.0 litre petrol or diesel motors are permitted, driven mostly by private teams. Besides the worldwide WTCR (FIA World Touring Car Cup), numerous national racing associations host TCR race series. The competition model – the Golf GTI TCR – is one of the most successful racing touring cars of today: In the international TCR series, Stefano Comini (2016) and Jean-Karl Vernay (2017) each won the driver title, with further title successes in TCR Asia (2016 & 2017) as well as in the TCR Middle East, TCR UK, TCR Asia and TCR Scandinavia (2018). In addition, the Golf GTI TCR has been honoured as “Model of the Year” out of all TCR racing cars. Volkswagen Motorsport has built more than 100 units of the racing car, manually and on a small scale, and delivered them to customer teams since 2016. Price ready to race: from 95,000 euros plus sales tax.

Turbocharged engine legend. Under the bonnet of the racing car is the base 2.0 engine of the same 2.0 TSI used in the Golf GTI Performance and Golf GTI TCR series – a four-cylinder, four-valve engine with turbocharging and direct injection. In the racing version, however, it delivers 257 kW/350 PS and generates a maximum torque of 420 Nm. The Golf GTI TCR of the racing series accelerates from 0 to 100 km/h in 5.2 seconds, with its maximum speed due to the specific transmission ratio at around 250 km/h. Visually, the racing version differs from the standard model primarily in the form of its roughly 15 centimetres wider body and its adjustable aluminium rear wing. The safety of the driver is ensured by e.g. a racing bucket seat with head protectors, a racing safety cell and a safety tank that meets FIA regulations.



Technical data – the Golf GTI TCR in numbers

	Golf GTI TCR (road version)
Engine	2.0 TSI/four-cylinder turbo with petrol particulate filter (PPF)
Gearboxes	7-gear DSG
Drive	Front axle with locking differential
Maximum power	213 kW/290 PS At 5,400 to 6,400 rpm
Maximum torque	380 Nm At 1,950 to 5,300 rpm
Top speed (standard)	250 km/h
Top speed (optionally unlimited)	260 km/h
0-80 km/h	4.1 s
0-100 km/h	5.6 s
Consumption combined (WLTP)	6.7 l/100 km
Kerb weight (DIN)	1,410 kg
Wheel sizes	18 inch (series) and 19 inch



Equipment – the configuration of the Golf GTI TCR

Compared to the already very well equipped Golf GTI Performance, the new Golf GTI TCR has an even higher degree of standard customisation. An overview of the additional equipment and distinguishing features of the Golf GTI TCR compared to the Golf GTI Performance:

- Power increase from 180 kW/245 PS to 213 kW/290 PS
- 7-gear DSG
- Exterior mirror caps in black
- Brake discs perforated
- Own roof edge spoiler
- Driving profile selection
- 18-inch "Belvedere" type alloy wheels
- Logo is projected when doors are opened.
- Sill extensions
- Seat belts featuring red edges
- Sport leather steering wheel with perforated leather (at 3 and 9 o'clock) and red 12 o'clock mark
- Rear bumper with diffuser
- Bumper with motorsport splitter
- TCR decorative trim
- Top sports seats in microfibre/fabric with a new design, special "Flashred" colour and red decorative seams, including door panels and DSG gearbox cuff in microfibre



Optional equipment for the TCR

- 19-inch "Reifnitz" alloy wheels with 235/35 R 19 tyres plus Vmax limit removal and adaptive Dynamic Chassis Control (DCC) including running gear that is lower by 20mm compared with the normal running gear (five millimetres less as compared to the GTI running gear) as well as a special sports adjustment of the front axle and rear axle shock absorbers.
- 19-inch "Pretoria" alloy wheels with 235/35 R 19 sports tyres (semislicks), plus additional anti-theft wheel locks, Vmax limit removal and adaptive Dynamic Chassis Control (DCC) including running gear that is lower by 20mm compared with the normal running gear (five millimetres less as compared to the GTI running gear) as well as a special sports adjustment of the front axle and rear axle shock absorbers.
- Black roof
- Mirror caps in Carbon look
- Honeycomb decorative film

General features of both Golf GTI models in 2019 (excerpt)

- Active Info Display (fully digital instruments)
- Ambient lighting (red)
- Brake calipers in red
- Illuminated front sill panel trim
- Automatic driving lights, with daytime running lights, "leaving home" and manual "coming home" function
- Active Info Display (fully digital instruments)
- Ambient lighting (red)
- Brake calipers in red
- Illuminated front sill panel trim

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- Automatic driving lights, with daytime running lights, "leaving home" and manual "coming home" function
- Front Assist with City Emergency Braking System and Pedestrian Monitoring
- "Composition Media" radio with 8 loudspeakers
- Automatically dimming interior mirror
- "Air Care Climatronic" air conditioning system with 2-zone temperature control and allergen filter
- LED headlights for dipped and main beam with daytime running lights
- Gearshift knob in aluminium look
- Pedals and foot rests in brushed stainless steel
- Progressive steering
- Rain sensor
- Tail lights feature LED technology (with dynamic flashing function) and LED license plate illumination
- Front differential lock
- Green heat-reflecting glass at the sides and rear