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Relaxed driving in the summer holidays

Traffic Jam Assist is your intelligent chauffeur in stop-and-go traffic

- Automatic braking, acceleration and steering in traffic jams
- System works to avoid accidents under certain circumstances such as those seen in stop-and-go driving

Wolfsburg, July 2017. Summer is the time for holiday travel. Unfortunately this also involves heavy traffic and long traffic jams, as the typical routes of travel are often overcrowded. Mountain passes become a chokepoint, ferry lanes a bottleneck, and high-speed motorways around major cities transform into car parks. Stop-and-go driving in traffic jams turns holiday driving into a test of patience, and also it presents a risk of rear-end collisions. Volkswagen's Traffic Jam Assist is there to help in such situations. This innovative assistance system is already available together with the dual clutch gearbox (DSG) on the Golf, Golf Variant, Tiguan, Touran, Passat, Passat Variant and Arteon.



Automatic braking, acceleration and steering in traffic jams

The constant braking and acceleration encountered during a long traffic jam is especially strenuous for the driver. When Traffic Jam Assist assumes control of these tasks, it not only unburdens the driver, but also it works within system limits to reduce the types of collisions typically encountered in such

situations. This is because the risk of distraction is particularly elevated in stop-and-go traffic. One classic situation arises when the driver turns around to face the kids when met with the familiar "are we there yet?" known in every language. If the car in front suddenly brakes hard at that moment, or another car cuts in unexpectedly, a rear-end collision is practically a foregone conclusion. Traffic Jam Assist can potentially minimize the danger in such situations. Relevant crash analyses from EuroNCAP show that cars with emergency braking systems active even at low speeds are involved in 38 per cent fewer rear-end collisions. Although Traffic Jam Assist cannot replace the driver's need to pay attention, it is

Press contact:

Volkswagen Communications
Product Communications
Bernd Schröder
Head of Content Management
Tel.: +49 (0) 5361 9-36 867
bernd.schroeder1@volkswagen.de



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nevertheless supportive in stop-and-go traffic and works to create a less stressful holiday journey for everyone on board.

This innovative assistance system works using the ACC Adaptive Cruise Control and Lane Assist lane keeping system. The radar sensor in the front end of the vehicle monitors traffic ahead, while the camera in the windscreen tracks the road markings. Using Traffic Jam Assist, the Volkswagen maintains a consistent distance from the car ahead at speeds of up to 60 km/h in stop-and-go traffic while keeping within the appropriate lane of traffic. The driver of course can intervene at any time and override the system.

About the Volkswagen brand: "We make the future real"

The Volkswagen Passenger Cars brand is present in more than 150 markets throughout the world and produces vehicles at over 50 locations in 14 countries. In 2016, Volkswagen produced around 5.99 million vehicles, including best-selling models such as the Golf, Tiguan, Jetta and Passat. Currently, 196,000 people work for Volkswagen across the globe. The brand also has 7,700 dealerships with 74,000 employees. Volkswagen is forging ahead consistently with the further development of automobile production. Key strategic themes for the future are electric mobility, smart mobility and the digital transformation of the brand.
