

News Release + Media Information



FOR IMMEDIATE RELEASE

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Volkswagen Introduces all-new 2018 Tiguan

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Compact Sport Utility is Bigger and Bolder

- *Second-generation Tiguan is based off the award-winning MQB architecture*
- *Long-wheelbase designed for the needs of Canadian customers*
- *Longer by 27 cm than the current model, with up to 58 percent more cargo space*
- *Third-row seating available across lineup*
- *Updated 2.0-liter TSI® engine and eight-speed automatic transmission standard*
- *Optional 4MOTION® with Active Control all-wheel-drive system features four selectable modes for varied terrain*
- *Choice of three well-equipped trim levels*

Ajax, ON – June 22, 2017 – The all-new 2018 Volkswagen Tiguan builds on the current model's fun-to-drive character with a redesign engineered to meet the needs of Canadian customers, with a more sophisticated and spacious interior, flexible seating, and high-tech infotainment and available driver-assistance features.

As with the all-new 2018 Volkswagen Atlas full-size SUV, the new Tiguan is based on Volkswagen's Modular Transverse Matrix (MQB) architecture. Compared with the 2017 model, the new Tiguan has far more interior space and up to 58 percent more cargo space in the two-row model. At 4,701 mm long, the 2018 model is 27 cm longer than the current version and 21 cm longer than the Tiguan that is sold in Europe. The Tiguan's expanded dimensions give it one of the longest footprints in the segment, although it still remains nimble enough to excel in urban driving.

The compact Tiguan SUV will be available in Trendline, Comfortline and Highline trim levels when it arrives in dealerships later this summer.

Exterior

The all-new Tiguan marks an evolution in Volkswagen's clean and timeless design DNA, with modern lines and a refined appearance. The MQB platform allows for a wider, lower stance than the current model; the

combination of this with sharper character lines and the vehicle's LED lighting has already garnered several European design awards.

The Trendline trim is distinguished by halogen headlights, LED daytime running lights and taillights, heated exterior mirrors with integrated turn-signal indicators, and 17-inch "Montana" alloy wheels. The Comfortline trim wears 17-inch "Tulsa" wheels, a panoramic sunroof, and a chrome exterior package. The Tiguan Highline includes 18-inch "Nizza" wheels, LED headlights with the Adaptive Front-lighting System (AFS), a power liftgate, and silver roof rails.

The Easy Open power liftgate is foot-activated on opening to make Tiguan's cargo space more accessible when customers' hands are full. The liftgate also includes an Easy Close feature. Two buttons give owners the option to close the liftgate with the touch of a button—one to close it immediately and one to automatically close once you step away from the vehicle.

An R-Line[®] package will be available later in the model year for the Highline models and will include R-Line-specific 19" aluminum-alloy wheels and further design elements specific to the R-Line like a revised high-gloss front bumper with large air inlets, a unique rear bumper, wheelarch extensions, and R-Line side skirts and exterior badging.

The exterior design of Tiguan also emphasizes its rugged utility. The front bumper, for instance, is similar to the European model's off-road package, complementing the Tiguan's available 4MOTION all-wheel-drive system.

Roof rails are standard, allowing outdoors enthusiasts to upgrade the vehicle with Volkswagen accessories such as bike, kayak, and ski carriers. The new Tiguan has a lower lift-in height for the tailgate, making it easier to load, no matter what cargo you're carrying. The available towing hitch can be used to pull up to 680 kg when properly equipped.

Interior

The Tiguan's entire interior has been rethought and refreshed, but the versatility of its seating is what sets it apart from the competition. The second-row bench can recline, slide 177 mm fore and aft, fold down, and be split 40/20/40. The 50/50 split third-row is available on all trim levels, and provides seating for two, and also folds down.

In three-row models, folding the rear seat creates 33 cubic feet of rear cargo space, and that can be easily expanded to a maximum of 65.7 cubic feet by folding the second row, using the levers in the cargo area. With all three rows in place, there is still a handy 12 cubic feet of cargo space.

In two-row models, the new Tiguan supplies a generous 37.6 cubic feet of space behind the rear seats and 73.5 cubic feet in all. That represents an increase of 17.4 cubic feet over the maximum cargo space in the 2017 Tiguan. The 40/20/40 split seats allow the two-row Tiguan to accommodate skis, hockey gear, or other large items.

In the cargo area, tie-down hooks help keep things in place and a 12-volt outlet is included. In models equipped with the available Fender® Premium Audio System, the subwoofer is hidden in the spare tire area, to avoid sacrificing cargo space.

To let the outside into the Tiguan cabin, there's an available panoramic glass tilt-and-slide sunroof. This aerodynamically and acoustically optimized panoramic roof is comprising an opening glass panel at the front and a fixed glass panel at the rear. It features pinch protection and an electrically-operated one-touch sunshade that covers the inside of the entire glass area. The expansive sunroof is standard on the Comfortline and Highline trims, and comes with ambient lighting for tremendous nighttime effect.

The interior features modern, high-quality design with a sporty, driver-focused layout, using gloss-grey and chrome details. Standard features now include a multi-function steering wheel and premium cloth seats. Tiguan Comfortline models feature heated leatherette seating surfaces along with a leather-wrapped steering wheel; the Highline model brings leather seating surfaces for rows one and two and a heated steering wheel.

Between the large speedometer and tachometer is a multi-function trip computer that helps monitor everything from fuel consumption to trip distance, Bluetooth® connection status and navigation directions (when equipped). The available Volkswagen Digital Cockpit display, first seen on the 2018 Atlas, offers drivers a reconfigurable display of key data and the ability to position navigation data front and center for easy viewing.

MIB II Infotainment. As standard equipment across the Tiguan line, the MIB II infotainment system offers a comprehensive suite of connectivity and features.

The Tiguan Trendline is equipped with the Composition Colour unit, which features a new 6.5-inch capacitive touchscreen display. The infotainment system also offers AUX-in, SD card and USB (one port) multimedia interfaces, as well as a rearview camera and standard Bluetooth® technology for compatible devices.

Tiguan Comfortline and Highline models are equipped with a glass-covered 8.0-inch touchscreen display—Comfortline models with the Composition Media unit; Highline models with the Discover Media system with navigation. The new 8.0-inch display is not only brighter than previous generation of MIB II, it also offers better color reproduction, response time and improved viewing angles due to the switch to In-plane Switching (IPS) technology. A total of 3 USB ports are on these trims.

New Fender® Premium Audio. The new Tiguan Highline also has the latest Fender Premium Audio System as standard equipment. Updated for the new-generation models, this is the most powerful Fender sound system ever offered in Tiguan.

The system was developed through collaboration between Fender, the legendary music amplification experts, and Panasonic®. A powerful, 480-watt, 12-channel amp delivers arena-sized sound to the Tiguan cabin. There are nine speakers in total, including Super Twin™ front-door speakers and a Bassman™ subwoofer. The Super Twin units are 200-mm dual voice-coil woofers that are specifically engineered for

improved front-stage imaging and bass response, while the subwoofer, with a single voice-coil setup, ensures Fender's signature audio experience is enjoyable across all rows.

Powertrain

The all-new 2018 Volkswagen Tiguan is powered by the most advanced version ever of Volkswagen's EA888 four-cylinder engine. The updated version of the benchmark EA888 four-cylinder, turbocharged and direct-injection engine uses an innovative modification to the conventional four-stroke cycle to offer an improved combination of power, efficiency and responsiveness.

First introduced in the 2009 CC, the EA888 continued Volkswagen's move toward smaller, turbocharged engines that offer the fuel economy benefits of downsizing with the power of a larger-displacement unit. The majority of the engine—from the cast-iron block to the aluminum-alloy pistons and cylinder head to the valve springs—has been updated for this new application.

During development, engineers focused on making the engine more efficient in the range of driving that most customers use every day, which led to the introduction of a modified Miller combustion cycle that is unique to the Volkswagen Group. Whereas the traditional Miller cycle closes the intake valves just before the end of the intake stroke, the so-called Budack-cycle closes the intake valves much earlier. This results in a longer effective combustion chamber as well as faster air flow for the incoming gases, which improves the mixing of the fuel and air. The net effect is lower fuel consumption and more torque than the 2.0-liter EA888 engine fitted in the 2017 Tiguan.

The key feature that enables the new engine to produce better fuel economy, as well as excellent performance, is the variable valve timing system on the intake camshaft. Depending on engine load, it is possible to switch between short and long valve opening. At idling speed and under partial load, the valve opening is shorter and there is less lift. When the engine is placed under greater load, the camshaft lobe switches to open the valves wider and for a longer period, so the driver can make use of the full power and torque of the engine.

The changes in the new version of the EA888 advance the twin goals of power and efficiency. The peak 184 horsepower kicks in at 4,400 rpm and maintains its output until 6,000 rpm. Maximum torque of 221 lb-ft is achieved at 1,600 to 4,300 rpm. The compression ratio rises to 11.7:1 due to a modified piston crown. New TSI injectors can push fuel into the cylinder at a higher maximum pressure (250 bar or 3,626 psi), with up to three injection sequences per stroke depending on conditions.

The EA888 Gen3B retains many key features of its predecessors, from chain-driven double overhead camshafts to the twin balance shafts that not only counteract second-order internal forces but provide oil scavenging and crankcase breathing pathways. A new engine management system with four core processors monitors the system and adjusts as needed. Reducing friction was another goal for this engine. For instance, the lower brake mean effective pressure at full load in this engine allowed the crankshaft main bearing diameter to be reduced from 52 to 48 mm, while the balance shaft chain is narrower.

A Start/Stop system is standard for all Tiguan trims. This technology stops the engine during idle when the brake pedal is held (such as when waiting at a red light). When the brake pedal is released, the engine restarts.

Tiguan models configured with front-wheel drive have 58 L fuel tanks; models with 4MOTION all-wheel drive feature 60 L tanks. Thanks to Tiguan's new engine and eight-speed automatic transmission, estimated fuel economy for front-wheel drive models improves to 10.6 l/100km in city driving, 8.7 l/100km on the highway and 9.8 l/100km in combined driving. Models with 4MOTION all-wheel drive also see significant improvements and are rated at 11.3 l/100km in city driving, 8.8 l/100km on the highway and 10.2 l/100km in combined driving.

The latest-generation 4MOTION with Active Control all-wheel drive system is activated before wheelspin occurs to help eliminate traction losses. The system achieves this by using an advanced control function based on specific driving conditions. When operating under a relatively low load or when coasting, the front wheels are driven and the rear wheels are decoupled, helping to save fuel. However, the rear wheels can be engaged in fractions of a second whenever necessary via the center differential, which is activated by an electro-hydraulic oil pump.

A control unit continually calculates the ideal drive torque for the rear wheels and controls how much the multi-plate clutch should be closed by activating the oil pump. The oil pressure increases the contact pressure at the clutch plates in proportion to the torque desired at the rear axle. So, the amount of pressure applied to the clutch plates can be used to continuously vary the amount of torque going between the front and rear wheels.

In addition to the center differential, which acts longitudinally, electronic differential locks from the Electronic Stability Control (ESC) system act laterally. The system briefly brakes a wheel that is slipping, helping to enable uninterrupted and stable transfer of drive power to the wheel on the opposite side.

4MOTION with Active Control. All Tiguan models with 4MOTION all-wheel drive feature Active Control, which allows the driver to select specific vehicle profiles based on driving conditions. It has four settings: On-road, Snow, Off-road, and Custom Off-road. The singular user interface is highly intuitive, comprising both a rotary knob and a push-button. Turning the knob engages the various drive modes, while pushing the button triggers a pop-up menu on the screen of the infotainment system, allowing the driver to fine tune the On-road mode.

On-road mode is the default setting. Here, Tiguan automatically varies the drive distribution between the two axles, helping to account for road conditions. A press of the button triggers the driving profile selection screen to pop up on the infotainment screen, offering the driver a choice of "Normal," "Sport," "Eco" and "Custom" drive modes. Within each, the tuning parameters for the engine control, gearbox, steering and optional Adaptive Cruise Control (ACC) are varied.

In Snow mode, the response curve of the accelerator pedal is flattened to help negate unintentional and excessive wheelspin, and the transmission upshifts earlier to help maximize traction. Communicating with the accelerator pedal and individual wheel speed sensors, the Traction Control System (TCS) helps reduce engine power when it detects slippage. The sensitivity of the system is more relaxed in straight-line situations to

allow adequate power transfer, while the limits are tightened in cornering, where traction is of paramount importance. Last but not least, ACC is switched to the "Eco" driving profile when in Snow mode.

Off-road mode offers similar throttle and transmission characteristics to Snow mode, adding manual control of transmission shifting via Tiptronic (only the throttle kickdown switch will force a downshift). The Start/Stop system is switched off in this mode, and ACC operates normally. The ESC system is relaxed to help avoid false positives often encountered off-road, and Hill Descent Control is automatically activated on gradients of more than 10 percent. It functions at speeds between 2 KM/hr and 30 KM/hr, and is adjustable via brakes or throttle.

With unique Off-road ABS programming, the wheels can lock up briefly before the system reduces the brake pressure. This allows time for a small wedge of material from the ground (such as gravel or sand) to build up in front of the wheel, thus increasing the braking effect. This helps the car remain steerable while reducing stopping distance.

Custom Off-road mode allows the driver to alter the steering, engine and gearbox behavior, as well as Hill Descent Assist.

Chassis

Mounted in a lightweight, one-piece strengthened steel subframe, the Tiguan's strut-type front suspension has lower control arms and long-travel coil springs. At the rear, the robust four-link system was designed to cope with the rigors of driving off paved roads and to accommodate the available 4Motion all-wheel drive.

Electro-mechanical power steering with variable assistance contributes to the Tiguan's fun-to-drive character. At highway speeds, the steering becomes firm and direct, while at parking speeds, assistance is increased.

An impressive braking system matches the Tiguan's athletic performance. At the front there are 335 mm diameter vented discs, with 295 mm diameter solid discs at the rear. The system features a brake disc drying feature to help remove water from the rotors to optimize wet-weather braking, as well as Electronic Brake-pressure Distribution (EBD), and Hydraulic Brake Assist (HBA). All Tiguan models also feature an electronic parking brake.

Safety

Safety in the 2018 Tiguan starts with a rigid laser-seam-welded bodyshell, a crash-optimized and energy-absorbing front end, and heat-formed steel center B-pillars. Front and side-thorax airbags help protect the driver and front-seat passenger, while Side Curtain Protection® head airbags help protect those in the front and rear seats, in addition to safety belt pretensioners. Electronic assistance includes Electronic Stability Control (ESC), Anti-Slip Regulation (ASR), Anti-lock Braking System (ABS) and Tire Pressure Monitoring System (TPMS).

All Tiguan models feature the advanced Volkswagen Intelligent Crash Response System (ICRS) that automatically shuts off the fuel pump, unlocks the doors, and even switches on the hazard warning lights if the airbags deploy.

The Tiguan is the only vehicle in its class to offer the Automatic Post-Collision Braking System, which is standard on all models. This system builds on the premise that a collision is rarely a single, instantaneous action, but rather a series of events that follow the initial impact—the most significant of which can cause additional collisions. The Automatic Post-Collision Braking System addresses this by applying the brakes when a primary collision is detected by the airbag sensors, thus helping reduce residual kinetic energy and, in turn, the chance of additional damage.

Driver-Assistance Systems

The Tiguan offers a standard rearview camera and number of available driver-assistance systems, including Forward Collision Warning and Autonomous Emergency Braking with Pedestrian Monitoring (Front Assist), Blind Spot Monitor with Rear Traffic Alert, Adaptive Cruise Control (ACC), Lane Departure Warning (Lane Assist), front and rear Park Distance Control, High Beam Control (Light Assist) and Overhead View Camera (Area View).

Front Assist, standard on Tiguan Comfortline and Highline, helps warn drivers of potential frontal collisions (Forward Collision Warning) with vehicles and pedestrians, and in some cases provides automatic braking assistance (Autonomous Emergency Braking).

Within physical system limits, Forward Collision Warning helps warn the driver of critical front-end collision situations, both acoustically and visually by a warning symbol in the instrument cluster above 30 KM/hr. If the driver fails to brake, or if the car is below 30 KM/hr, Autonomous Emergency Braking is activated to slow the vehicle. If the brake pedal is applied but the driver brakes too lightly, the brake pressure is increased by the system (Braking Support).

Blind Spot Detection with Rear Traffic Alert is included as standard equipment on Tiguan Comfortline and Highline trims. Blind Spot Detection uses two radar sensors at the rear of the vehicle to scan the approaching traffic and help warn drivers of potential danger in adjacent lanes. If the driver uses the turn signal to indicate a lane change while a vehicle is detected in a blind spot, the system utilizes a flashing LED symbol in the outer area of the side mirrors. Even if the driver does not use a turn signal, the LED symbol in the mirror will illuminate if a vehicle is detected in the blind spot. The system is designed to help alert drivers in specific situations; stationary objects or oncoming vehicles do not trigger warnings, nor will vehicles more than one lane across away from the vehicle.

If combined with Lane Assist (available on Tiguan Highline) the system not only helps warn the driver with the flashing LED symbol if a vehicle is detected in the blind spot, but within system limits, it can also countersteer to keep the car in the lane. If the driver still tries to steer out of the lane, the system will warn with an additional vibration of the steering wheel.

The Rear Traffic Alert system helps detect vehicles approaching from the side that may be difficult for the driver to see while reversing. It offers a sizable range of about 20 m, and will present a visual and an acoustic warning, before applying the brakes if a potential impending collision is detected. If the driver does not react,

the system can apply the brakes to help mitigate and, in the best case, prevent a collision. The system is activated by putting the car in reverse.

Adaptive Cruise Control (ACC) uses forward facing radar to maintain a set speed while helping maintain a set distance to the vehicle in front. The driver sets the speed and the desired spacing via buttons on the multifunction steering wheel and can further use those buttons or the brakes to cancel the ACC function while the accelerator can be used to override the ACC function. All ACC-related system messages appear in the central multifunction display.

When the roadway ahead of the vehicle is clear, the system maintains the set speed. Tiguan models fitted with ACC can match a vehicle in front and come to a stop. If the car in front moves within three seconds, ACC will resume automatically to the set speed. If the car stands longer than three seconds, the driver can resume ACC control after pressing the accelerator pedal or the "resume" button on the steering wheel.

The Tiguan Highline is available with Lane Departure Warning (Lane Assist). When driving above 64 KM/hr, if there is an indication that the vehicle is unintentionally straying from its lane, Lane Assist actively countersteers to help keep the vehicle in the lane. The system's camera recognizes visible lane markings and, using a special algorithm, calculates the risk of the car leaving the lane. If the driver takes his or her hands off the wheel for a defined period of time, the system provides an audible warning and a visual signal in the instrument cluster, asking the driver to take over. If the vehicle crosses a lane marking without use of a turn signal, the system will countersteer to keep the vehicle in the lane. If the driver continues to move over, the system will provide audible and visual warnings.

The system can work in the dark and/or in fog, but it will not engage if it cannot properly detect lane markings. If the turn signal has been set before crossing a lane marking, the Lane Assist system will not engage or give a warning. The driver can "override" the system at any time by applying minimal force to the steering wheel.

Two final driver assistance features, both available on the Tiguan Highline, provide drivers with better visibility. High Beam Control (Light Assist) automatically raises the headlamp high beams above 64 KM/hr on dark or poorly lit roads, if there is no oncoming traffic detected. The Overhead View Camera (Area View) uses the car's four cameras to help give you a better view of what is around your vehicle.

About Volkswagen Canada:

Founded in 1952, Volkswagen Canada is headquartered in Ajax, Ontario. It is the largest volume European automotive nameplate in Canada, and sells the Golf, Golf SportWagen, Golf GTI, Golf R, e-Golf, Beetle, Jetta, Passat, CC, Tiguan, Atlas and Touareg through 141 independent Canadian Dealers. It forms part of Volkswagen Group Canada Inc., a subsidiary of Volkswagen AG headquartered in Wolfsburg, Germany.

Volkswagen is one of the world's largest producers of passenger cars and is Europe's largest automaker.

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