



Product Communications Audi Sport GmbH

Eva Stania

Telephone: +49 152 57767044

Email: eva.stania@audi.de

www.audi-mediacyenter.com

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PRESS INFORMATION

The new Audi RS 4 Avant

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The specified equipment, data and prices relate to the model range on offer in Germany. Subject to changes and errors. Figures on the fuel consumption and the CO₂-emissions (found from page 2 onwards) vary in case of given ranges depending on the used combination of wheels/tires.



Condensed information

Return of the RS icon: The new Audi RS 4 Avant

A practical sports car comes of age: Precisely 18 years ago, the first Audi RS 4 Avant was launched. At the 2017 International Motor Show (IAA) in Frankfurt am Main, the fourth generation of the Audi RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]) made its world debut. This vehicle combines high performance with excellent suitability for everyday use. Its 2.9 TFSI engine with 331 kW (450 hp) and 600 Nm (442.5 lb-ft) of torque make it the sporting spearhead of the A4 family. The standard quattro drive distributes the power of the V6 twin turbo engine across all four wheels.

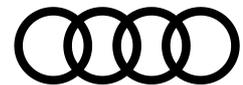
“The Audi RS 4 Avant is our RS icon with an incomparable history,” says Stephan Winkelmann, Managing Director at Audi Sport GmbH. “As with all our RS models, it combines excellent driving performance with maximum everyday usability. In China, the Audi RS 4 will drive forward new growth in its segment as a unique high-performance Avant.”

Motorsport details on the exterior

The designers took inspiration from numerous motorsport details used on the Audi 90 quattro IMSA GTO when designing the Audi RS 4 Avant. The front features solid air intakes with a honeycomb structure typical of an RS and the wide, flat single-frame grille. The optional Matrix LED headlamps have shaded trims. Compared to the Audi A4 Avant, the wheel housings have been widened by 30 millimeters (1.2 in) each, and are also emphasized by the quattro blisters. At the rear, the RS-specific diffuser insert, the oval tailpipes of the RS exhaust system and the RS roof spoiler make a bold statement. The unique Nogaro Blue Pearl Effect paint available as an optional extra from Audi exclusive is reminiscent of the first generation from 1999. The new Audi RS 4 Avant comes with 19-inch aluminum alloy wheels as standard, and 20-inch wheels are available as an optional extra.

From 0 to 100 km/h (0 to 60 mph) in 4.1 seconds, RS sports suspension and Audi drive select as standard

In the new Audi RS 4 Avant, the V6 twin turbo engine delivers an output of 331 kW (450 hp). Its maximum torque of 600 Nm (442.5 lb-ft) – 170 Nm (125.4 lb-ft) more than its predecessor – is deployed throughout a wide speed range from 1,900 to 5,000 rpm. This means the Audi RS 4 accelerates from 0 to 100 km/h (0 to 60 mph) in 4.1 seconds. Its top speed is 250 km/h (155.3 mph), and with the optional RS dynamics package, the top speed increases to 280 km/h (174 mph).



The power of the 2.9 TFSI twin turbo is transferred to the quattro permanent all wheel drive via an eight-speed tiptronic transmission with optimized shift times that is specially tuned to sporty driving. On request, Audi will fit a sports differential on the rear axle. The average fuel consumption is 8.8 liter per 100 kilometers (26.7 US MPG) (200–199 grams CO₂ per kilometer [321.9–320.3 g/mi]). This represents an efficiency increase of 17% over the previous model. The new Audi RS 4 Avant weighs 1,790 kilograms (3,946.3 lbs), making it 80 kilograms (176.4 lbs) lighter than before.

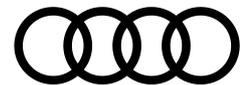
The standard RS sports suspension makes the Audi RS 4 Avant seven millimeters (0.3 in) lower than the S4 basic model (Combined fuel consumption in l/100 km: 7.5 – 7.3 (31.4 – 32.2 US mpg) Combined CO₂ emissions in g/km: 170 – 166 (273.6 – 267.2 g/mi) with sports suspension. The RS sports suspension plus with Dynamic Ride Control (DRC), the ceramic brakes and the RS-specific dynamic steering are available as optional extras. Drivers can create their own personal driving experience using the Audi drive select dynamic handling system, which is fitted as standard.

Digital racing cockpit and high-quality materials in the interior

The black interior underlines the sporty character of the Audi RS 4 Avant. The RS sports seats with optional honeycomb stitching, the flat-bottomed RS multifunction sports steering wheel, the shift gate and the illuminated sill panel strips bear the RS emblem. In the Audi virtual cockpit and in the head-up display, RS-specific displays provide information about G-forces, tire pressure and temperature, as well as power and torque. The optic packages Gloss Black, Carbon with Aluminum attachments, and Carbon with Black attachments enhance the range of options for the exterior. The Audi exclusive range fulfills practically all other customization wishes.

In the basic configuration, the luggage compartment of the new Audi RS 4 Avant offers 505 liters (17.8 cu ft) of storage space, while 1,510 liters (53.3 cu ft) of volume is available with the seats folded down. The luggage compartment lid is electrically driven as standard. Sensor technology for opening and closing the luggage compartment lid is available as an option. For the first time, the Audi RS 4 Avant is available with a trailer hitch on request, which electrically unlocks at the push of a button.

The new Audi RS 4 Avant is available in Germany and other European dealers from the start of 2018. The basic price is €79,800.



Facts and figures

The new Audi RS 4 Avant

(Combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200-199 [321.9–320.3 g/mi])

Exterior design and body

- RS design language inspired by the Audi 90 quattro IMSA GTO
- The quattro blisters emphasize the lines over the wheel housings (30 mm [1.2 in] wider compared to the Audi A4 Avant)
- Additional air intakes/outlets as design elements at the front and rear, RS roof spoiler
- More sporty single-frame grille: wider and flatter than on the basic model
- **LED headlights** as standard **Matrix LED headlights** with RS-specific design (shaded design) with dynamic indicators at the front and rear, three-dimensional LED rear lights
- Total weight lowered by 80 kilograms (176.4 lbs) (compared to predecessor)
- Length: 4,781 millimeters (15.7 ft) (+ 62 millimeters [2.4 in] compared to predecessor)
- Wheelbase: 2,826 millimeters (9.3 ft) (+ 13 millimeters [0.5 in] compared to predecessor)
- Width: 1,866 millimeters (6.1 ft) (+ 16 millimeters [0.6 in] compared to predecessor)
- Height: 1,404 millimeters (4.6 ft) (- 12 millimeters [0.5 in] compared to predecessor)

Engine

- Completely re-developed 2.9 TFSI twin turbo with 331 kW (450 hp)
- 600 Nm (442.5 lb-ft) of torque (+ 170 Nm [125.4 lb-ft] compared to the predecessor)
- From 0 to 100 km/h (0 to 60 mph) in 4.1 seconds (- 0.6 seconds compared to the predecessor)
- Top speed of 250 km/h (155.3 mph), 280 km/h (174 mph) on request
- Sporty, direct responsiveness thanks to the positioning of the two turbochargers as an inner V
- Efficiency increase: 17% less consumption (compared to the predecessor), thanks, among other things, to the **B-cycle process** with central direct injection
- Powerful sound of the V6 TFSI

Power transmission

- **Eight-speed tiptronic** specially tuned for sporty, dynamic driving
- **quattro permanent all-wheel drive** with self-locking center differential as standard
- Electronic stabilization program with three modes and **wheel-selective torque control**
- quattro with **sport differential** as an option



Suspension

- Five-link design on the front and rear axle
- RS sports suspension with sporty design and direct handling as standard
- Optional: RS sports suspension plus with Dynamic Ride Control (DRC)
- New electromechanical power steering, or [dynamic steering](#) on request
- [Audi drive select](#) dynamic handling system as standard
- Optional high-performance ceramic brakes with perforated 400 mm (15.7 in) disks at the front

Interior

- RS-specific elements for greater sportiness in the interior
- Flawless workmanship, high-quality materials and new colors
- Five seats, generously dimensioned interior with increased space:
 - + 11 millimeters (+0.4 in) shoulder room in the front (compared to the predecessor)
- 505 liters (17.8 cu ft) of luggage compartment space, rising to 1,510 liters (53.3 cu ft) with the seats folded down
- Electric luggage compartment cover and electric motor for the luggage compartment lid

Infotainment and controls

- Special RS screen in the [Audi virtual cockpit](#): information about tire pressure/temperature, power/torque, and G forces, as well as a shift light prompts the driver to shift up
- Optional [head-up display](#) with RS-specific display
- MMI Navigation plus top infotainment system with [MMI touch](#) including free [Audi connect](#) for three years, LTE communication
- Wi-Fi hotspot for connecting mobile devices
- New MMI operating concept with intuitive [free-text search](#) and [natural language voice control](#)
- [Audi connect SIM](#) – free roaming throughout Europe
- [Audi connect safety & service](#) with online road assistance, emergency call, online service request and remote functions via the [Audi MMI connect app](#)
- [Audi smartphone interface](#) for connecting Apple and Android smartphones
- [Audi phone box](#) for improved reception quality and inductive charging
- Bang & Olufsen sound system with 3D sound, 19 loudspeakers and 755 watts of power

Driver assistance systems

- Up to 30 assistance systems for supporting the driver, many equipped as standard
- Highlights:
 - [Adaptive cruise control with stop&go function](#) including [traffic jam assist](#)
 - [Park assist](#)
 - [Cross traffic assist rear](#)
 - [Exit warning](#)
 - [Turn assist](#)
 - [Camera-based traffic sign recognition](#)
 - [Audi pre sense city](#) (standard) and [Audi pre sense basic](#) and [Audi pre sense rear](#)
 - [Trailer hitch](#)

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The car in detail

The fourth generation of the RS icon: the new Audi RS 4 Avant

The Audi RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200-199 [321.9–320.3 g/mi]) combines impressive performance with excellent suitability for everyday use. Its 2.9 TFSI twin turbo delivers 331 kW (450 hp) and packs 600 Nm (442.5 lb-ft) of torque. The standard quattro all-wheel drive ensures the best traction and acceleration values. The RS sports suspension plus with Dynamic Ride Control (DRC), intelligent driver assistance systems and innovative infotainment solutions make the fourth generation of the RS icon from Audi Sport an everyday sporting hero.

Exterior design

The new Audi RS 4 Avant is the sporting spearhead of the A4 family. Its RS-typical design draws on numerous motorsport influences from the Audi 90 quattro IMSA GTO. The front section, sides and rear all differ significantly from the Audi A4 Avant. The much wider and flatter single-frame radiator grille with a new, three-dimensional honeycomb structure bears the quattro logo and the RS 4 emblem. A blade in a contrasting color links the solid lower air intakes.

The optional [Matrix LED headlamps](#) are differentiated from the standard [LED headlights](#) thanks to the shaded trims. Next to these are additional, vertical side air intakes that make the high performance Avant appear even wider. The quattro blisters emphasize the strong bulges over the wheel housings, which have been extended by 30 millimeters (1.2 in) on both sides.



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The sill extensions painted in the vehicle color include an insert in gloss black or in carbon as an optional extra. The housings of the exterior rear view mirrors are finished in matte aluminum and also optionally available in carbon, or in black or in the vehicle color if preferred. The roof rail is available in matte aluminum or in black as an optional extra. At the rear, sporty features like the RS-specific diffuser insert, the oval tailpipes of the RS exhaust system and the RS roof spoiler make a bold statement.

The optic packages – Gloss Black, Carbon, and Matte Aluminum – offer further customization options. Overall, the RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]) is available in eight colors, and Audi Sport offers Sonoma Green Metallic as an exclusive option. The Audi exclusive range also includes many other custom colors such as Nogaro Blue Pearl Effect. This color was used for the legendary first generation of the Audi RS 4 Avant from 1999.

With a length of 4,781 millimeters (15.7 ft), the fourth generation of the RS 4 Avant is 62 millimeters [2.4 in] longer than its predecessor. It stands at a height of 1,404 millimeters (4.6 ft), making it 12 millimeters [0.5 in] lower than the previous model. And with a width of 1,866 millimeters (6.1 ft), it is 16 millimeters [0.6 in] wider.

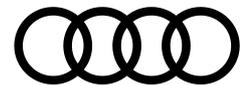
Engine

Compared to its direct predecessor, a naturally aspirated high-speed V8 engine, the re-developed V6 twin turbo delivers a completely new dimension of torque and efficiency. From 1,900 to 5,000 rpm, the 2.9 TFSI engine delivers a full 600 Nm (442.5 lb-ft) of torque to the crankshaft – 170 Nm (125.4 lb-ft) more than its predecessor. With its output of 331 kW (450 hp), equating to a performance of 155.5 hp per liter, the new RS 4 Avant accelerates from zero to 100 km/h (0 to 60 mph) in 4.1 seconds, which is 0.6 tenths of a second faster than before. The RS dynamics package increases the electronically controlled top speed from 250 km/h (155.3 mph) to 280 km/h (174 mph).

The 2.9 TFSI V6 twin turbo engine from Audi Sport is a nod to the legendary 2.7 liter V6 from the first RS 4 Avant. Produced from 1999 to 2001, it delivered 279 kW (380 hp).

AUDI RS 4 Avant	2.9 TFSI
Displacement in ccm	2,894
Max. power in kW (hp) at rpm	331 (450) at 5,700–6,700
Max. torque in Nm (lb-ft) at rpm	600 (442.5) at 1,900–5,000
Maximum speed in km/h (mph)	250 (155.3), optional 280 (174)
Acceleration 0 to 100 km/h in s (0 to 60 mph)	4.1
Combined consumption in l/100 km (US mpg)	8.8 (26.7)
Combined CO₂ emissions in g/km (g/mi)	200–199 (321.9–320.3)
Drive	quattro permanent all-wheel drive
Transmission	Eight-speed tiptronic

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Modular concept: The new V6 generation

Owing to the higher forces in its interior, its stroke was reduced by 3 millimeters (0.1 in) to 86 millimeters (3.4 in). With an unchanged bore hole of 84 millimeters (3.3 in), the displacement measures 2,894 cm³. The engine only weighs 182 kilograms (401.2 lbs), which is 31 kilograms (68.3 lbs) less than its V8 predecessor, which benefits the overall weight and axle load distribution of the new Audi RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]).

Typical Audi: Exhaust side inside, intake side outside

The two turbochargers of the 2.9 TFSI are each arranged on a cylinder bank, and generate up to 1.5 bar of charge pressure. As with all new V6 and V8 engines from Audi, the turbochargers are mounted at a 90-degree angle to the cylinder banks, which means that the exhaust side of the cylinder heads is inside, and the intake side is outside. This layout enables a compact design and short fuel paths with minimal flow loss – the 2.9 TFSI reacts extremely spontaneously to the movements of the right pedal.

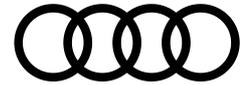
Efficiency technology: The B-cycle combustion process

The high-performance V6 not only impresses with its strong performance, but also its efficiency. In the new European driving cycle, the vehicle uses just 8.8 liters of fuel per 100 kilometers (26.7 US mpg), equivalent to 200–199 grams of CO₂ per kilometer (321.9–320.3 g/mi). These values represent a 17% reduction in fuel consumption compared with the previous model. A key reason for this is the new TFSI combustion process from Audi called the [B-cycle process](#). This is specially designed for the partial load range, by far the most common operating mode.

At higher loads and engine speeds, the two-step [Audi valvelift system \(AVS\)](#) closes the inlet valves later – the opening duration extends to 200 crank angle degrees. At the same time, the valve lift increases from 6.0 (0.2 in) to 10 millimeters (0.4 in). The cylinder filling increases considerably – the engine turns at a powerfully high speed and delivers smooth performance.

Separate circuits: The thermal management system

Another factor in the efficiency of the 2.9 TFSI is the thermal management system. The crankcase and the cylinder head have separate cooling circuits. After a cold start, the switchable water pump regulates the flow of coolant through the engine so that the oil heats up quickly. The exhaust manifolds are integrated into the cylinder heads, and are surrounded by the coolant, which helps to accelerate the heating process. When the engine is warm, this technology lowers the exhaust gas temperature – which significantly reduces consumption, especially during sporty driving. The impressive efficiency of the V6 twin turbo is also a result of the low friction. The fully-variable oil pump, for example, only ever generates as much pressure as necessary.



With the chain drive, a new concept reduces the required drive power: The crankshaft drives the balancer shaft, which sits deep in the V of the cylinder banks, via gearwheels. From here, chains run to the four camshaft sprockets. They are tri-oval in shape, that is, slightly triangular, in order to balance out the peak forces. The balancer shaft rotates on particularly low-friction roller bearings.

Striking: The sound of the V6 twin turbo

As soon as the engine starts, it delivers a powerful sound. At higher loads, the flaps open in the exhaust system, and the sound is even throatier. With the [Audi drive select](#) dynamic handling system, which comes as standard, the driver can also control the flaps – both for the standard RS exhaust system and for the optional RS sports exhaust system with black tail trims. The intake system of the V6 twin turbo has been intricately optimized, with pipes made from polished stainless steel allowing the air to flow in virtually unobstructed.

Power transmission

The fast, spontaneous and sporty [eight-speed tiptronic](#) transmission with optimized shift times comes as standard with the new RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]).

The driver can choose between the modes D and S, and there are special RS shift paddles on the steering wheel for manual gear changes. All commands are sent to the transmission electronically – using shift-by-wire technology. The dynamic starting function ensures optimal traction when the engine starts, allowing the RS 4 Avant to realize its full acceleration potential. To do so, ESC sport mode must be active, and the selector lever must be set to the S position. In manual mode, the driver controls the gear changes using the shift paddles on the steering wheel or by tapping the selector lever. Once the engine speed threshold is reached, a shift light appears in the driver information system or the optional [head-up display](#) advising the driver to shift up.

Dynamic power distribution: The quattro drive

The [quattro permanent all-wheel drive](#) is a unique feature in the segment. With its asymmetric and dynamic design, it contributes greatly to the sporty and stable handling of the RS 4 Avant. During regular driving, the system uses a rear-weighted setup. Its purely mechanical center differential lock sends 60% of the torque to the rear axle and 40% to the front axle. When slippage occurs on an axle, most of the power immediately flows to the other axle – up to 70% to the front, and up to 85% to the rear.

The [wheel-selective torque control](#) enhances the mechanical functionality of the quattro drive. The agility, precision, stability and optimal traction are further enhanced by the software of the ESC Electronic Stability Control.

The optional **sport differential** with RS-specific tuning ensures even more dynamic responsiveness when steering and accelerating. The system actively and selectively distributes the torque between the rear wheels.

Audi RS 4 Avant

Antriebsstrang
Drivetrain
09/17



RS-specific tuning: Stabilization control with three modes

The ESC Electronic Stability Control including slip regulation has RS-specific tuning. In addition to normal mode, there is also a sports mode, which delays the intervention of the ESC. If the driver presses the button for longer than three seconds, the ESC switches off completely.

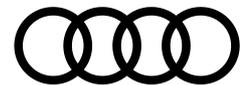
Body

The RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]) weighs 1,715 kilograms (3,780.9 lbs) – 80 kilograms (176.4 lbs) lighter than the previous model. This weight saving is achieved by a geometric lightweight design and an intelligent material mix.

Heat-formed components form the high-strength, crash-resilient backbone of the passenger cell. These components are used to reinforce the transition area from the vehicle front end to the interior, the front zone of the windshield frame, the B-pillars, the side skirts and parts of the floor.

With its excellent torsional rigidity, the vehicle body lays the foundation for high-precision driving behavior and quiet driving. When it comes to passive safety, the high-performance Avant also scores top marks. In the interior, the adaptive child restraint system provides excellent protection at the front. It adjusts the effect of the front airbags and the belt force limiters to the seating position of the driver and front passenger, and the type of front collision.

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Typical avant: High suitability for everyday use

For more than 20 years, the combination of an aesthetic design and functional utility has ensured the Audi Avant models have stood out from the competition. Within the Avant family, the RS 4 Avant plays a very special role – an RS icon with an unrivaled history dating back to 1999.

The maximum luggage compartment volume with the rear seat backrest folded down is 1,510 liters (53.3 cu ft). The backrest is divided in a 40:20:40 ratio, and can easily be folded down onto the seat padding using the levers in the luggage compartment. In its basic dimensions, the luggage compartment of the RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]) offers 505 liters (17.8 cu ft) of volume, 15 liters (0.5 cu ft) more than before. Its square-shaped profile enables optimum use of the luggage compartment area. The loading width measures exactly one meter (3.3 ft). A screen separator and an electric luggage compartment cover come as standard.

If requested, Audi will provide a gesture control system for opening and closing the luggage compartment lid (not with the Carbon optic package): A motion detector in the rear bumper responds to a kick movement, the lid unlocks, and opens automatically if the key is detected.

A remote control vehicle key and a stop-start button for keyless ignition are standard with the new RS 4 Avant. There is also a comfort key that enables keyless access to the vehicle, which is available on request.

The optional trailer hitch available for the RS 4 Avant for the first time. This unlocks electronically at the push of a button. The new RS 4 Avant can tow up to 2,100 kilograms (4,629.7 lbs) (up to an 8% incline).

Suspension

The suspension in the front and rear of the Audi RS 4 Avant is built on newly developed five-link supports. This axle concept enables optimum absorption of longitudinal and transverse forces.

With the standard RS sports suspension, the RS 4 Avant is seven millimeters lower than the S4 basic model with sports suspension. Alternatively, Audi Sport offers the RS sports suspension plus with [Dynamic Ride Control \(DRC\)](#). A new damper generation with an integrated switch valve ensures a clear spread between the individual modes of [Audi drive select](#). Drivers can create their own personal driving experience using the dynamic handling system fitted as standard. Audi drive select also influences the characteristics of the engine and the steering. What's more, the system also adapts the characteristic curve for shifting, the exhaust door control, and other optional modules in the four modes: auto, comfort, dynamic and individual.

As an alternative to the redeveloped electromechanical power steering, Audi Sport also offers [dynamic steering](#) with RS-specific tuning. This uses a superposition gear to vary its ratio by up to 100 percent – depending on the car's speed and the mode selected in the [Audi drive select](#) dynamic handling system. For sporty driving in dynamic mode, the gear ratio of the dynamic steering remains constant at 14:1.

The RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]) is fitted with 19-inch aluminum forged alloy wheels as standard with 265/35 tires. Alternatively, 20-inch wheels are available as an option with different designs including a new, particularly lightweight fully milled wheel. These are fitted with 275/30 tires.

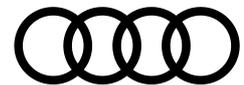
Behind these large wheels are powerful RS steel brakes with perforated composite disks. At the front axle, these have a diameter of 375 millimeters (14.8 in), while at the rear axle, they have a diameter of 330 millimeters (13.0 in). The six-piston brake calipers with the RS emblem are painted in black, or in red as an option. Upon request, Audi Sport will also equip the front axle with particularly durable and low-wear ceramic brakes with six-piston brake calipers and perforated discs measuring 400 millimeters (15.7 in) in diameter.

Interior

The new two-tone Audi Sport entry lights and the illuminated sill panel strips with an RS 4 logo greet the driver and front passenger. LED light guides trace the contours of the doors and the center console – with the optional contour/ambiance lighting package in 30 colors. The horizontal architecture of the instrument panel creates a vast sense of spaciousness in the high-quality, sporty interior of the RS 4 Avant.



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The black interior emphasizes the definitive sporty character of the new RS model. The RS sports seats with diamond stitching and embossed RS emblem come as standard with a covering made from a combination of leather and Alcantara, internal heating and lumbar support. The RS sports seats are optionally available in fine Nappa leather with a honeycomb pattern and contrasting stitching. Climate control sports seats in perforated Milano leather are also available.

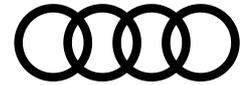
The flat-bottomed RS multifunction sports leather steering wheel with a three-spoke design features multifunction buttons for convenient operation of the infotainment system. This combines shiny black shift paddles with aluminum elements. The steering wheel rim bears the RS emblem, as does the RS-specific shift gate. The optional RS design package brings the sporty contrast color red into play on the center console as well as on the armrests, the seat belts and the floor mats with RS logo. The steering wheel, selector lever and knee pads are finished in Alcantara with red contrasting stitching. The Sonoma Green design package from Audi exclusive enhances the interior with appropriately colored contrast stitching – perfect for the new, exclusive exterior color.

The increased dimensions, the 13-millimeter (0.5-in) longer wheelbase and the compact seats increase the space available for the driver and passengers. The shoulder width in the first row of seats has been increased by 11 millimeters (0.4 in). The central, front armrest storage, the large door pockets, two cupholders, and a new, sealed storage compartment below the rotary light switch emphasize the everyday usability of the vehicle.

Display and controls

As a fully digital alternative to the analog circular speedometer (scale up to 320 km/h [198.8 mph]) and rev counter, the RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]); combined CO₂ emissions in g/km: 200-199 [321.9-320.3 g/mi]) offers the [Audi virtual cockpit](#). Thanks to a resolution of 1,440 x 540 pixels, its 12.3-inch TFT screen provides detailed and selectable graphics. A special RS screen complements the infotainment and classic displays. This places the tachometer with an integrated digital display for speed in central focus. The driver can configure other displays around this, such as the torque (in Nm [US mpg]), power (in percent), tire pressure and temperature (in bar/°C) and g-forces.

The tachometer also serves as a shift indicator: if the eight-speed tiptronic transmission is in manual mode, green, orange and red segments illuminate as the speed increases. Shortly before the engine reaches its limit, the entire scale flashes red. The lap timer, another feature of the RS menu, records up to 99 laps and compares the times against each other. The status of important technical components is also shown, such as the temperature of engine oil and transmission fluid, as well as the air pressure.



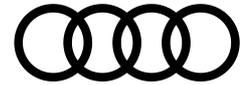
A further option for the RS 4 Avant is the [head-up display](#). This projects all relevant information onto the windshield in the driver's direct field of vision as easily comprehensible symbols and digits. This means that drivers can keep their eyes on the road at all times. Here, too, RS-specific content is included such as the shift light and displays for lap times and oil temperature. If the vehicle is in manual mode, a shift light prompts the driver to shift up using the steering wheel paddle or selector lever.

The infotainment system is operated via the round rotary push button on the wide, asymmetrical center console. As an option, its surface incorporates the touch-sensitive touchpad for entering characters and multi-finger gestures. The driver can also select functions using [natural language voice control](#), which recognizes many common phrases. The intelligent [free text search](#) delivers search results after only a few characters have been entered and, together with the multifunction steering wheel, it rounds off the operating concept. With the basic package, the Audi MMI display in the center console measures 7 inches, increasing to 8.3 inches with the optional MMI Navigation plus. As an option, Audi offers an automatic comfort climate control system for the RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]). This regulates the air temperature and distribution separately for the driver, front passenger and rear passengers. The digital temperature displays in the cockpit are integrated into the control dials. Just a few buttons and dials are sufficient for convenient control. When a finger approaches one of the sensory switches, its function is displayed in bigger dimensions on the dark LCD display and can be selected by pushing the button. The rear passengers use a separate control unit in the rear center console to set the temperature.

Infotainment and Audi connect

The everyday usability of the RS 4 Avant is also demonstrated by its extensive infotainment offering, which ensures passengers remain fully entertained during journeys. The optionally available MMI Navigation plus with [MMI touch](#) includes an 8.3-inch monitor with a resolution of 1,024 x 480 pixels. In addition to a DVD drive and a 10 GB flash memory, the high-end system also features two card readers, an AUX-IN connection and a USB connection with charging function. The [Audi connect](#) hardware module is also included. This module connects the high-performance Avant to the Internet using LTE technology. Thanks to the [Audi connect SIM](#), which is permanently installed in the car, the flat-rate data package for the connect services including Europe-wide roaming is free of charge for three years. Passengers can browse the Internet with their mobile devices via the optionally available [Wi-Fi hotspot](#).

The first [car-to-X technologies](#) are also included with the new RS 4 Avant, with traffic sign and road hazard information services. These services connect the car to other Audi models so that they can exchange information via the Audi connect SIM in almost real time.



The free [Audi MMI connect app](#) offers many other functions such as transferring the calendar from a smartphone to the MMI. Aupeo! and Napster offer access to countless songs and audio books, as well as over 4,000 Internet radio stations. Destinations from Google Maps, points of interest and entries from the “Travel” service can be transferred from your smartphone to your car’s navigation system using the app.

The functions included in the standard [Audi connect safety & service](#) package are also convenient and informative. With the included remote functions, the driver can view the vehicle status and parking position remotely via the Audi MMI connect app, and even lock or unlock the car. The package also includes the new functions emergency call, online roadside assistance and Audi service request.

The [Audi smartphone interface](#) integrates iOS and Android cell phones into a specially developed environment in MMI via Apple CarPlay and Android Auto. The [Audi phone box](#) connects the smartphone to the vehicle antenna for improved reception quality and inductively charges the smartphone via wireless charging according to the Qi-standard.

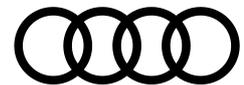
The optional [Bang & Olufsen Sound System with 3D Sound](#) makes full use of the vehicle’s dimensions. The heart of the system is a 755-watt, 16-channel amplifier, which controls the 19 loudspeakers. Two subwoofers behind the side panels in the rear generate the bass. The music sounds like a concert hall.

Driver assistance systems

Over 30 driver assistance systems increase the safety, comfort and efficiency of the RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200-199 [321.9–320.3 g/mi]). Some of the solutions are standard features, while the optional systems can be ordered individually or as part of the “Parking”, “City” and “Tour” packages.

The [adaptive cruise control \(ACC\) with stop&go function](#) including [traffic jam assist](#) plays a key role. The ACC takes the load off the driver in slow-moving traffic of up to 65 km/h by automatically decelerating and accelerating, and on well-built roads it even takes over the steering.

The [collision avoidance assist](#) helps the driver to steer around an obstacle, thereby avoiding collisions. Using data from the front camera, ACC and radar sensors, it calculates a suitable evasive maneuver corridor in fractions of a second. Other assistance systems round off the offering, for example the [turn assist](#), the [park assist](#), the [cross traffic assist rear](#), the [exit warning](#), the [traffic sign recognition](#) and the [Audi active lane assist](#).



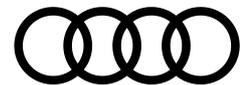
The RS 4 Avant is fitted with the [Audi pre sense city](#) system as standard. This monitors the road at up to 85 km/h (52.8 mph), detects other vehicles and pedestrians and initiates full braking in an emergency. The [Audi side assist](#) lane change assistance also comes as standard.

Equipment

The RS 4 Avant is delivered with an extensive range of standard equipment. This includes [LED headlights](#) and LED rear lights, the RS sports suspension, 19-inch aluminum forged alloy wheels, the RS exhaust system and the [Audi drive select](#) dynamic handling system. The sporty look continues in the dark interior with RS sports seats in a leather-Alcantara mix with diamond stitching and lumbar support, a flat-bottomed RS multifunction sports steering wheel and stainless steel pedals. At the same time, RS 4 Avant drivers will have a comfortable ride thanks to automatic climate control, MMI Radio plus with a 7-inch color display, a Bluetooth interface and an adjustable [speed limiter](#). The assistance systems [predictive efficiency assistant](#), [Audi pre sense city](#), [Audi side assist](#), [parking system plus](#), [collision avoid assist](#) and the [Audi connect safety & service](#) package including vehicle control supplement the extensive standard features.

An optional trailer hitch is available for the first time for the RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200-199 [321.9–320.3 g/mi]). This unlocks electronically at the push of a button. The new RS 4 Avant can tow up to 2,100 kilograms (4,629.7 lbs) (up to an 8% incline).

The RS 4 Avant will be available in dealerships in Germany and other European countries from the start of 2018. The basic price is €79,800. The fourth generation will continue the major success of its predecessor models. Since 1999, Audi has delivered more than 27,000 RS 4 models worldwide.



History

The new Audi RS 4 Avant (combined fuel consumption in l/100 km: 8.8 [26.7 US mpg]; combined CO₂ emissions in g/km: 200–199 [321.9–320.3 g/mi]) is a real RS icon. Unlike any other model, it combines high performance with everyday usability. The model line began back in 1994 – with the legendary RS 2 Avant.

1994 – Audi RS 2 Avant: Strong trendsetter

With the RS 2 Avant in 1994, Audi began a strong trend – with the world’s first high-performance sports car with five seats and a large luggage compartment. The striking exterior design and the fine interior was equally influential. The five-cylinder turbo generated 232 kW (315 hp) from a displacement of 2.2 liters, accelerating the Audi RS 2 Avant from zero to 100 km/h (zero to 60 mph) in 5.4 seconds with a top speed of 262 km/h (162.8 mph). Porsche AG supplied parts such as brakes and wheels as a development and production partner.

1999 – Compact displacement and high performance in the first generation

For the first RS 4 Avant, the recently acquired Cosworth Technology Ltd was involved as a cooperation partner. Together with quattro GmbH, the English firm increased the performance of the 2.7-liter V6 twin turbo to 279 kW (380 hp), resulting in a zero to 100 km/h (zero to 60 mph) time of 4.9 seconds. Demand for the RS 4 Avant was so high that Audi doubled its production figures from its original planning.

2005 – Audi RS 4: Dynamics in three variants

The second-generation RS 4 appeared in 2005. It was initially available as a Sedan and an Avant. The vehicle was powered by the newly developed V8 high-speed engine with a displacement of 4.2 liters. The direct injection engine delivered 309 kW (420 hp). The RS 4 sedan raced from 0 to 100 km/h (zero to 60 mph) in 4.8 seconds. Other engineering highlights included the quattro drive with the asymmetric dynamic torque distribution, which were new at the time, and the optionally available carbon fiber ceramic brakes.

2012 – Audi RS 4 Avant: The dynamic all-rounder

The third generation of the RS 4 was presented at the Geneva Motor Show by quattro GmbH in February 2012. This generation was exclusively offered as an Avant. Just like its predecessor, the model was equipped with a 4.2-l V8 high-speed engine, but with an increased output of 331 kW (450 hp).

For more information about the official fuel consumption and the official specific CO₂ emissions of new passenger cars, see the “Guide on the fuel economy, CO₂ emissions and power consumption of all new passenger car models”, which is available for free from all points of sale and from the DAT Deutsche Automobil Treuhand GmbH, Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen (www.dat.de).

All terms in blue in the text are explained in detail in the technology lexicon at www.audi-mediacycenter.com/en/technology-lexicon.