

# Audi RS 6 Avant



TFSI

## Engine / electrics

Engine type	V8 engine
Valve gear / number of valves per cylinder	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	3996 / 86.0 x 86.0 / 10.0
Max. power output in kW (PS) / at rpm	441 (600) / 6000 - 6250
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	800 (590.0) / 2050 - 4500
Mixture preparation	Direct injection
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6e
Max. electrical output at 12V in kW	3
On-board voltage 1 in volts	12
On-board voltage 2 in volts	48

## Drivetrain / transmission

Drive type	quattro permanent all-wheel drive with self-locking center differential
Type of rear axle differential	Standard
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic
Transmission ratio in 1 <sup>st</sup> /2 <sup>nd</sup> gear	4.714 / 3.143
Transmission ratio in 3 <sup>rd</sup> /4 <sup>th</sup> gear	2.106 / 1.667
Transmission ratio in 5 <sup>th</sup> /6 <sup>th</sup> gear	1.285 / 1.000
Transmission ratio in 7 <sup>th</sup> /8 <sup>th</sup> gear	0.839 / 0.667
Reverse gear ratio / final drive ratio 1-2 / 2-3	3.317 / 3.204 / -

## Suspension / steering / brakes

Type and design of front-axle suspension	5-link front axle; tubular anti-roll bar
Type and design of rear-axle suspension	5-link rear axle; tubular anti-roll bar
Tires (basic)	275/35 R 21
Wheels (basic)	Alloy 10.5 J x 21"
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	15.8
Turning circle in m ( <i>ft</i> )	12.1 (39.7)
Brake system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist; front: floating calipers, internally ventilated brake disks; rear: floating calipers with integrated electronic parking brake, internally ventilated brake disks

## Performance / fuel / acoustics

Top speed in km/h ( <i>mph</i> )	250 (155.3) (governed)
Acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	3.6
Fuel type / octane value / fuel standard	Gasoline / 98 / DIN EN 228

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### Consumption / emission\*

Fuel consumption, combined in l/100 km ( <i>US mpg</i> )	12.7 - 12.1 (18.5 - 19.4)
CO <sub>2</sub> emissions, combined in g/km ( <i>g/mi</i> )	289 - 276 (465.1 - 444.2)
CO <sub>2</sub> class	G

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### Servicing / guarantee (Germany)

Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	19 / 30 / 30

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### Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	2100 (4629.7) / 2175 (4795.1) / 2740 (6040.7)
Front / rear axle load limit in kg ( <i>lb</i> )	1390 (3064.4) / 1400 (3086.5)
Rear axle load limit min. / max. in kg ( <i>lb</i> )	1400 (3086.5) / 1400 (3086.5)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2100 (4629.7) / 2100 (4629.7) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	100 (220.5) / 95 (209.4)

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### Capacities

Cooling system capacity (incl. heating) in l ( <i>US gal</i> )	12.1 (3.2)
Engine oil capacity, including filter (change volume) in l ( <i>US qt</i> )	11 (11.6)
Fuel tank capacity / optional in l ( <i>US gal</i> )	73 (19.3) / -

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### Dimensions / body

Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 5
Drag coefficient C <sub>d</sub> / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.35 / 2.41 (25.9)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm ( <i>ft</i> )	4995 (16.4) / 1951 (6.4) / 1460 (4.8) / -
Vehicle width, including mirrors, in mm ( <i>in</i> )	2120 (7.0)
Wheelbase // track width front/rear in mm ( <i>ft</i> )	2929 (9.6) // 1668 (5.5) / 1650 (5.4)
Overhang angle of steel springs, front / rear in degrees	12.40 / 16.30
Height of loading edge in mm ( <i>ft</i> )	601 (2.0)
Open luggage compartment - behind the 2 <sup>nd</sup> seat row in l ( <i>cu ft</i> )	565 (20.0)
Largest luggage capacity - behind the 1 <sup>st</sup> seat row in l ( <i>cu ft</i> )	1680 (59.3)

\*Additional equipment and accessories (attachments, tire size, etc.) may change relevant vehicle parameters, such as weight, rolling resistance and aerodynamics, and, alongside weather and traffic conditions as well as individual driving style, may affect a vehicle's fuel consumption, CO<sub>2</sub> emissions and performance figures.