

# Audi A4 Avant



## 45 TFSI quattro S tronic 195 kW MHEV

### Engine / electrics

Engine type	Inline 4-cylinder engine
Valve gear / number of valves per cylinder	Roller cam follower, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 9.6
Max. power output in kW (PS) / at rpm	195 (265) / 5250 - 6500
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	370 (272.9) / 1600 - 4500
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6d-ISC-FCM
Max. electrical output at 12V in kW	3.1
On-board voltage 1 in volts	12

### Drivetrain / transmission

Drive type	quattro all-wheel drive with ultra technology
Type of center differential	Electronically controlled multi-plate clutch
Type of rear axle differential	quattro ultra
Clutch	Hydraulically operated dual clutch ( <i>wet</i> )
Transmission type	7-speed S tronic
Transmission ratio in 1 <sup>st</sup> /2 <sup>nd</sup> gear	3.188 / 2.190
Transmission ratio in 3 <sup>rd</sup> /4 <sup>th</sup> gear	1.517 / 1.057
Transmission ratio in 5 <sup>th</sup> /6 <sup>th</sup> gear	0.738 / 0.557
Transmission ratio in 7 <sup>th</sup> /8 <sup>th</sup> gear	0.433 / -
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.750 / 4.410 / -

### Suspension / steering / brakes

Type and design of front-axle suspension	5-link front axle
Type and design of rear-axle suspension	5-link rear axle
Tires (basic)	225/50 R 17
Wheels (basic)	Forged aluminum 7.5 J x 17
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	15.9
Turning circle in m ( <i>ft</i> )	11.6 (38.1)
Brake system	Dual-circuit brake system with black/white split for front/rear axles; front: aluminum fixed calipers; rear: floating calipers with integrated electronic parking brake
Brake disk diameter front / rear in mm ( <i>in</i> )	338 (13.3) / 330 (13.0)

### Performance / fuel / acoustics

Top speed in km/h ( <i>mph</i> )	250 (155.3)
Acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	5.7
Fuel type / octane value / fuel standard	Gasoline / 95 / DIN EN 228

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## Consumption / emission\*

Efficiency class	C
Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km ( <i>US mpg</i> )	9.1 - 8.9 (25.8 - 26.4) / 6.0 - 5.6 (39.2 - 42.0) / 7.2 - 6.8 (32.7 - 34.6)
CO <sub>2</sub> emissions, combined according to NEDC in g/km ( <i>g/mi</i> )	163 - 156 (262.3 - 251.1)

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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	15 / 24 / 24

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## Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	1610 (3549.4) / 1685 (3714.8) / 2195 (4839.1)
Front / rear axle load limit in kg ( <i>lb</i> )	1105 (2436.1) / 1205 (2656.6)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	1900 (4188.8) / 1700 (3747.9) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	90 (198.4) / 80 (176.4)

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## Capacities

Cooling system capacity (incl. heating) in l ( <i>US gal</i> )	8 (2.1)
Engine oil capacity, including filter (change volume) in l ( <i>US qt</i> )	5.2 (5.5)
Fuel tank capacity / optional in l ( <i>US gal</i> )	58 (15.3) / -

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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> )	0.30 / 2.20 (23.7)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm ( <i>ft</i> )	4762 (15.62) / 1847 (6.1) / 1460 (4.8) / -
Vehicle width, including mirrors, in mm ( <i>in</i> )	2022 (6.6)
Wheelbase // track width front/rear in mm ( <i>ft</i> )	2820 (9.252) // 1572 (5.16) / 1555 (5.10)
Overhang angle of steel springs, front / rear in degrees	15.30 / 12.50
Height of loading edge in mm ( <i>ft</i> )	630 (2.1)
Open luggage compartment - behind the 2 <sup>nd</sup> seat row in l ( <i>cu ft</i> )	495 (17.5)
Largest luggage capacity - behind the 1 <sup>st</sup> seat row in l ( <i>cu ft</i> )	1495 (52.8)

\*Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used