

# Audi A4 Avant



## 40 TDI quattro S tronic 150 kW MHEV

### Engine / electrics

Engine type	Inline 4-cylinder 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	1968 / 81.0 x 95.5 / 15.5
Max. power output in kW (PS) / at rpm	150 (204) / 3800 - 4200
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	400 (295.0) / 1750 - 3250
Mixture preparation	Common rail fuel injection system, intercooler
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter
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 / 0.508
Transmission ratio in 7 <sup>th</sup> /8 <sup>th</sup> gear	0.386 / -
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> )	318 (12.5) / 300 (11.8)

### Performance / fuel / acoustics

Top speed in km/h ( <i>mph</i> )	210 (130.5)
Acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	7.1
Fuel type / octane value / fuel standard	Diesel / DIN EN 590

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## Consumption / emission\*

Efficiency class	A
Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km (US mpg)	5.7 - 5.4 (41.3 - 43.6) / 4.4 - 4.0 (53.5 - 58.8) / 4.9 - 4.5 (48.0 - 52.3)
CO <sub>2</sub> emissions, combined according to NEDC in g/km (g/mi)	128 - 120 (206.0 - 193.1)
Fuel consumption, combined according to WLTP in l/100 km (US mpg)	6.2 - 5.3 (37.9 - 44.4)
CO <sub>2</sub> emissions, combined according to WLTP in g/km (g/mi)	163 - 139 (262.3 - 223.7)

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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	13 / 23 / 25

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## Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	1625 (3582.5) / 1700 (3747.9) / 2230 (4916.3)
Front / rear axle load limit in kg (lb)	1120 (2469.2) / 1220 (2689.6)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2000 (4409.2) / 1800 (3968.3) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 (198.4) / 80 (176.4)

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## Capacities

Cooling system capacity (incl. heating) in l (US gal)	11.9 (3.1)
Engine oil capacity, including filter (change volume) in l (US qt)	5.5 (5.8)
Fuel tank capacity / optional in l (US gal)	58 (15.3) / -
AdBlue fuel tank capacity / optional in l (US gal)	12 (3.2) / 24 (6.3)

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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> (sq ft)	0.30 / 2.20 (23.7)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm (ft)	4762 (15.62) / 1847 (6.1) / 1460 (4.8) / -
Vehicle width, including mirrors, in mm (in)	2022 (6.6)
Wheelbase // track width front/rear in mm (ft)	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 (ft)	630 (2.1)
Open luggage compartment - behind the 2 <sup>nd</sup> seat row in l (cu ft)	495 (17.5)
Largest luggage capacity - behind the 1 <sup>st</sup> seat row in l (cu ft)	1495 (52.8)

\*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.