

# Audi A4 Avant



## 40 TDI 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	Front-wheel drive
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 / 4.048 / -

### 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 ( <i>38.1</i> )
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 ( <i>12.5</i> ) / 300 ( <i>11.8</i> )

### Performance / fuel / acoustics

Top speed in km/h ( <i>mph</i> )	210 ( <i>130.5</i> )
Acceleration, 0-100 km/h ( <i>0-62.1 mph</i> )	7.6
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)	5.6 - 5.4 (42.0 - 43.6) / 4.6 - 4.2 (51.1 - 56.0) / 5.0 - 4.7 (47.0 - 50.0)
CO <sub>2</sub> emissions, combined according to NEDC in g/km (g/mi)	131 - 123 (210.8 - 197.9)

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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	16 / 23 / 25

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## Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	1550 (3417.2) / 1625 (3582.5) / 2175 (4795.1)
Front / rear axle load limit in kg (lb)	1100 (2425.1) / 1175 (2590.4)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	1900 (4188.8) / 1700 (3747.9) // 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)	40 (10.6) / 54 (14.3)
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)

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