

# Audi A4 Avant



## 50 TDI quattro tiptronic 210 kW MHEV

### Engine / electrics

Engine type	V6 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	2967 / 83.0 x 91.4 / 16.0
Max. power output in kW (PS) / at rpm	210 (286) / 3500 - 4000
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	620 (457.3) / 1750 - 3000
Mixture preparation	Common rail fuel injection system, intercooler
Exhaust emission control	NOx 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
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	5.000 / 3.200
Transmission ratio in 3 <sup>rd</sup> /4 <sup>th</sup> gear	2.143 / 1.720
Transmission ratio in 5 <sup>th</sup> /6 <sup>th</sup> gear	1.313 / 1.000
Transmission ratio in 7 <sup>th</sup> /8 <sup>th</sup> gear	0.823 / 0.640
Reverse gear ratio / final drive ratio 1-2 / 2-3	3.478 / 2.411 / 1.000

### 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> )	350 (13.8) / 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> )	5.3
Fuel type / octane value / fuel standard	Diesel / DIN EN 590

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## Consumption / emission\*

Efficiency class	C - B
Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km (US mpg)	8.2 - 7.8 (28.7 - 30.2) / 5.3 - 5.0 (44.4 - 47.0) / 6.3 - 6.0 (37.3 - 39.2)
CO <sub>2</sub> emissions, combined according to NEDC in g/km (g/mi)	167 - 158 (268.8 - 254.3)

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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	14 / 25 / 26

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## Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	1785 (3935.3) / 1860 (4100.6) / 2385 (5258.0)
Front / rear axle load limit in kg (lb)	1220 (2689.6) / 1250 (2755.8)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2100 (4629.7) / 1900 (4188.8) // 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)	15.2 (4.0)
Engine oil capacity, including filter (change volume) in l (US qt)	6.1 (6.4)
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)	420 (14.8)
Largest luggage capacity - behind the 1 <sup>st</sup> seat row in l (cu ft)	1435 (50.7)

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