

Audi A4 Avant



30 TDI S tronic 100 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 / 16.0
Max. power output in kW (PS) / at rpm	100 (136) / 3000 - 4400
Max. torque in Nm (<i>lb-ft</i>) / at rpm	320 (236.0) / 1500 - 3000
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 st /2 nd gear	3.188 / 2.190
Transmission ratio in 3 rd /4 th gear	1.517 / 1.057
Transmission ratio in 5 th /6 th gear	0.738 / 0.508
Transmission ratio in 7 th /8 th 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)	205/60 R 16
Wheels (basic)	Forged aluminum 7 J x 16
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: floating calipers; rear: floating calipers with integrated electronic parking brake
Brake disk diameter front / rear in mm (<i>in</i>)	314 (<i>12.4</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>)	9.8
Fuel type / octane value / fuel standard	Diesel / DIN EN 590

Consumption / emission*

Efficiency class	A - A+
Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km (US mpg)	5.3 - 5.0 (44.4 - 47.0) / 4.0 - 3.6 (58.8 - 65.3) / 4.4 - 4.1 (53.5 - 57.4)
CO ₂ emissions, combined according to NEDC in g/km (g/mi)	117 - 109 (188.3 - 175.4)

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

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	1520 (3351.0) / 1595 (3516.4) / 2160 (4762.0)
Front / rear axle load limit in kg (lb)	1085 (2392.0) / 1175 (2590.4)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	1700 (3747.9) / 1500 (3306.9) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 (198.4) / 80 (176.4)

Capacities

Cooling system capacity (incl. heating) in l (US gal)	11.2 (3.0)
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)

Dimensions / body

Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 5
Drag coefficient C _d / frontal area A in m ² (sq ft)	0.29 / 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 nd seat row in l (cu ft)	495 (17.5)
Largest luggage capacity - behind the 1 st seat row in l (cu ft)	1495 (52.8)

*Fuel consumption and CO₂ emission figures given in ranges depend on the tires/wheels used