

Audi A4 Avant



40 TFSI quattro S tronic 150 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 / 12.2
Max. power output in kW (PS) / at rpm	150 (204) / 4475 - 6000
Max. torque in Nm (<i>lb-ft</i>) / at rpm	320 (236.0) / 1450 - 4475
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 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 / 0.557
Transmission ratio in 7 th /8 th 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: floating 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>)	6.9
Fuel type / octane value / fuel standard	Gasoline / 95 / DIN EN 228

Consumption / emission*

Efficiency class	B - A
Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km (<i>US mpg</i>)	7.6 - 7.4 (30.9 - 31.8) / 5.3 - 4.9 (44.4 - 48.0) / 6.2 - 5.8 (37.9 - 40.6)
CO ₂ emissions, combined according to NEDC in g/km (<i>g/mi</i>)	141 - 133 (226.9 - 214.0)

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 / 21 / 24

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1600 (3527.4) / 1675 (3692.7) / 2200 (4850.2)
Front / rear axle load limit in kg (<i>lb</i>)	1090 (2403.0) / 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)

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) / -

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 (<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 nd seat row in l (<i>cu ft</i>)	495 (17.5)
Largest luggage capacity - behind the 1 st seat row in l (<i>cu ft</i>)	1495 (52.8)

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