Audi A4 Avant



40 TFSI S tronic 150 kW MHEV

play compensation / 2/2 inlet/exhaust valves per cylinder		_
Roller cam follower, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 272 intet/exhaust valves per cylinder	Engine / electrics	
play compensation / 2/2 inlet/exhaust valves per cylinder	Engine type	Inline 4-cylinder engine
Max. power output in kW (PS) / at rpm Max. torque in Nm (Ib-fb / at rpm 320 (236.0) / 1450 - 4475 Mixture preparation Direct injection, lambda control, knock control, turbocharger, intercooler Catalytic converter, oxygen sensor, gasoline particulate filter Emission standard Euro 6e Max. electrical output at 12V in kW 3,1 On-board voltage 1 in volts 12 Drivetrain / transmission Transmission ratio in 1*/2=* gear 3.188 / 2.190 Transmission ratio in 1*/2=* gear 1.517 / 1.057 Transmission ratio in 1*/6* gear 0.738 / 0.557 Transmission ratio in 7*/6* gear 0.433 /- 2.750 / 4.234 /- Suspension / steering / brakes Type and design of front-axle suspension 5-link front axle Type and design of front-axle suspension 1-res (basic) Forged aluminum 7] x 16 Steering Electromechanical steering with speed-dependent power assistance Electromechanical steering with speed-dependent power axistance Electromechanical steering with speed-dependent power axistance Dransmission in m (ft) Turning circle in m (ft) Turning circle in m (ft) Dransmission in m (ft) Dransmission in m (ft) Dransmission ratio i	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
Max. torque in Nm (lb-ft) / at rpm 320 (226.0) / 1450 - 4475 Mixture preparation Direct injection, lambda control, knock control, turbocharger, intercooler Catalytic converter, oxygen sensor, gasoline particulate filter Euro 6 Euro 6 Euro 6 Drivetrain / transmission Drive type Pront-wheel drive Hydraulically operated dual clutch (wet) Transmission type Transmission type Transmission type Transmission type Transmission type Transmission type Transmission ratio in 1*472**d gear 1.517 / 1.057 Transmission ratio in 5**/6** gear 0.738 / 0.557 Transmission ratio in 7**/9** gear 0.433 / . Reverse gear ratio / final drive ratio 1-2 / 2-3 2.750 / 4.234 / . Suspension / steering / brakes Type and design of front-axle suspension Type and design of rear-axle suspension Steering Electromechanical steering with speed-dependent power assistance Steering Electromechanical steering with speed-dependent power assistance Steering atio 11.6 (38.1) Brake system Dual-circuit brake system with black/white split for front/rear axles; front: aluminum fisec calipers; rear-floating ratio prake price price rear in mm (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 12.2
Mixture preparation Direct injection, lambda control, knock control, turbocharger, intercooler Exhaust emission control Emission standard Euro 6e Max. electrical output at 12V in kW 3.1 Drivetrain / transmission Drive type Front-wheel drive Hydraulically operated dual clutch (wet) Transmission tratio in 1*/2** gear Transmission ratio in 1*/2** gear 1.517 / 1.057 Transmission ratio in 1*/2** gear 0.433 / - Reverse gear ratio / final drive ratio 1-2 / 2-3 Type and design of front-axte suspension Type and design of rear-axte suspension Type and design of rear-axte suspension Steering Electromechanical steering with speed-dependent power assistance Electromechanical steering with speed-dependent power assistance Electromechanical steering with integrated electronic parking brake Brake disk diameter front / rear in mm (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Max. power output in kW (PS) / at rpm	150 (204) / 4475 - 6000
Exhaust emission control Emission standard Euro 6e Max. electrical output at 12V in kW 3.1 On-board voltage 1 in volts Drivetrain / transmission Transmission type Front-wheel drive Hydraulically operated dual clutch (wet) Transmission ratio in 1**/2**degear 3.188 / 2.190 Transmission ratio in 1**/4**negear 1.517 / 1.057 Transmission ratio in 5**/6**negear 0.738 / 0.557 Transmission ratio in 5**/6**negear 0.738 / 0.557 Transmission ratio in 7**/8**negear 0.433 / - Reverse gear ratio / final drive ratio 1-2 / 2-3 2.750 / 4.234 / - Suspension / steering / brakes Type and design of front-axle suspension 5-link front axle Type and design of rear-axle suspension 5-link front axle 15-9 Turning circle in m (ft) 11.6 (38.1) Brake system Dual-circuit brake system with black/white split for front/rear axles; front: aluminum fixed calculars are floating calipers with integrated electronic parking brake Brake disk diameter front / rear in mm (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Max. torque in Nm (lb-ft) / at rpm	320 (236.0) / 1450 - 4475
Emission standard Max. electrical output at 12V in kW On-board voltage 1 in volts 12 Drivetrain / transmission Drive type Front-wheel drive Hydraulically operated dual clutch (wet) Transmission type Transmission ratio in 1st/2sd gear Transmission ratio in 2st/2sd gear Transmission ratio in 1st/2sd gear Tr	Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Max. electrical output at 12V in kW 3.1	Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Drivetrain / transmission Drive type Front-wheel drive Clutch Hydraulically operated dual clutch (wet) Transmission type 7-speed S tronic Transmission ratio in 1**/2**d gear 3.188 / 2.190 Transmission ratio in 3**/4**B gear 1.517 / 1.057 Transmission ratio in 5**/6**B gear 0.738 / 0.557 Transmission ratio in 7**/8*B gear 0.433 / - Reverse gear ratio / final drive ratio 1-2 / 2-3 2.750 / 4.234 / - 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) 50 / 60 R 16 Wheels (basic) Forged aluminum 7 J x 16 Steering Electromechanical steering with speed-dependent power assistance Steering tratio 11.6 (38.1) 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 (in) 318 (12.5) / 300 (11.8) Performance / fuel Top speed in km/h (inph) 210 (130.5) (governed)	Emission standard	Euro 6e
Drive type Front-wheel drive Hydraulically operated dual clutch (wet)	Max. electrical output at 12V in kW	3.1
Front-wheel drive Hydraulically operated dual clutch (wet)	On-board voltage 1 in volts	12
Clutch Hydraulically operated dual clutch (wet) Transmission type 7-speed 5 tronic 3.188 / 2.190 Transmission ratio in 1**/2*** gear 1.517 / 1.057 Transmission ratio in 5**/4** gear 0.738 / 0.557 Transmission ratio in 5**/6** gear 0.433 / - Reverse gear ratio / final drive ratio 1-2 / 2-3 2.750 / 4.234 / - 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 (ft) 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 Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Drivetrain / transmission	_
Transmission type Transmission ratio in 1*/2**d gear Transmission ratio in 3**d/4** gear Transmission ratio in 3**d/4** gear Transmission ratio in 5**b/6** gear Transmission ratio in 5**b/6** gear Transmission ratio in 7**b/8** gear Transmission	Drive type	Front-wheel drive
Transmission ratio in 1*/2**deger 3.188 / 2.190 Transmission ratio in 3**d/4**neger 1.517 / 1.057 Transmission ratio in 5**/6**neger 0.738 / 0.557 Transmission ratio in 7**n/8**neger 0.433 / - Reverse gear ratio / final drive ratio 1-2 / 2-3 2.750 / 4.234 / - 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 Wheels (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 (ft) 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 (in) 318 (12.5) / 300 (17.8) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Clutch	Hydraulically operated dual clutch (wet)
Transmission ratio in 3°d/45° gear Transmission ratio in 5°d/65° gear Transmission ratio in 7°d/85° gear Transmission ratio in 7°d/85° gear 0.433 /- Reverse gear ratio / final drive ratio 1-2 / 2-3 2.750 / 4.234 /- Suspension / steering / brakes Type and design of front-axle suspension Tires (basic) Steering Steering Electromechanical steering with speed-dependent power assistance Steering ratio 1.5.9 Turning circle in m (ft) Brake system Brake disk diameter front / rear in mm (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Transmission type	7-speed S tronic
Transmission ratio in 5th/6th gear Transmission ratio in 7th/8th gear Reverse gear ratio / final drive ratio 1-2 / 2-3 Suspension / steering / brakes Type and design of front-axle suspension Type and design of rear-axle suspension Tires (basic) Wheels (basic) Steering Electromechanical steering with speed-dependent power assistance Steering atio Turning circle in m (ft) 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 (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Transmission ratio in 1st/2nd gear	3.188 / 2.190
Transmission ratio in 7th/8th gear Reverse gear ratio / final drive ratio 1-2 / 2-3 Suspension / steering / brakes Type and design of front-axle suspension Type and design of rear-axle suspension Tires (basic) Wheels (basic) Steering Electromechanical steering with speed-dependent power assistance Steering ratio Turning circle in m (ft) 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 Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Transmission ratio in 3 rd /4 th gear	1.517 / 1.057
Suspension / steering / brakes Type and design of front-axle suspension Type and design of rear-axle suspension Tires (basic) Steering Steering Steering Steering Steering Steering circle in m (ft) 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 Performance / fuel Top speed in km/h (mph) 2.750 / 4.234 / - 2.750	Transmission ratio in 5 th /6 th gear	0.738 / 0.557
Suspension / steering / brakes Type and design of front-axle suspension Type and design of rear-axle suspension S-link front axle 205 / 60 R 16 Wheels (basic) Steering Electromechanical steering with speed-dependent power assistance Steering ratio Tuning circle in m (ft) 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 Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Transmission ratio in 7 th /8 th gear	0.433 / -
Type and design of front-axle suspension Type and design of rear-axle suspension 5-link rear axle 205 / 60 R 16 Wheels (basic) Steering Electromechanical steering with speed-dependent power assistance Steering ratio 15.9 Turning circle in m (ft) 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 Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Reverse gear ratio / final drive ratio 1-2 / 2-3	2.750 / 4.234 / -
Type and design of front-axle suspension Type and design of rear-axle suspension 5-link rear axle 205 / 60 R 16 Wheels (basic) Steering Electromechanical steering with speed-dependent power assistance Steering ratio 15.9 Turning circle in m (ft) 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 Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Suspension / steering / brakes	_
Tires (basic) Wheels (basic) Forged aluminum 7 J x 16 Electromechanical steering with speed-dependent power assistance Steering ratio 15.9 Turning circle in m (ft) 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 (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)		5-link front axle
Wheels (basic) Forged aluminum 7 J x 16 Steering Electromechanical steering with speed-dependent power assistance 15.9 Turning circle in m (ft) 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 (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Type and design of rear-axle suspension	5-link rear axle
Steering Electromechanical steering with speed-dependent power assistance Steering ratio 15.9 Turning circle in m (ft) 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 (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Tires (basic)	205 / 60 R 16
Steering ratio Turning circle in m (ft) 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 (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Wheels (basic)	Forged aluminum 7 J x 16
Turning circle in m (ft) 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 (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Steering	Electromechanical steering with speed-dependent power assistance
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 318 (12.5) / 300 (11.8) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Steering ratio	15.9
calipers; rear: floating calipers with integrated electronic parking brake Brake disk diameter front / rear in mm (in) Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	Turning circle in m (ft)	11.6 (38.1)
Performance / fuel Top speed in km/h (mph) 210 (130.5) (governed)	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
Top speed in km/h (<i>mph</i>) 210 (130.5) (governed)	Brake disk diameter front / rear in mm (in)	318 (12.5) / 300 (11.8)
	Performance / fuel	_
Acceleration, 0-100 km/h (0-62.1 mph) 7.3	Top speed in km/h (mph)	210 (730.5) (governed)
	Acceleration, 0-100 km/h (0-62.1 mph)	7.3

Gasoline / 95 / DIN EN 228

Fuel type / octane value / fuel standard

Consumption / emission*	
Fuel consumption, combined in 1/100 km (US mpg)	7.3 - 6.3 (32.2 - 37.3)
CO ₂ emissions, combined in g/km (g/mi)	167 - 143 (268.8 - 230.1)
CO ₂ class	F-E
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	12/21/24
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1535 <i>(3384.1)</i> / 1610 <i>(3549.4)</i> / 2140 <i>(4717.9)</i>
Front / rear axle load limit in kg (lb)	1075 (2370.0) / 1155 (2546.3)
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)	8 (2.1)
Engine oil capacity, including filter (change volume) in l (US qt)	5.2 (5.5)
Fuel tank capacity / optional in l (US gal)	54 (14.3) / -
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)	0.30 / 2.20 (23.7)
Vehicle height from - to in mm (ft)	1415 - 1477 (4.6 - 4.8)
Vehicle length from - to in mm (ft)	4762 - 4770 (15.6 - 15.6)
Vehicle width, without mirrors, in mm (ft)	1847 - 1847 (6.1 - 6.1)
Vehicle width, including mirrors, in mm (ft)	2022 (6.6)
Wheelbase (full load) from - to // track width front/rear in mm (ft)	2826 - 2831 (9.3 - 9.3) // 1572 (5.2) / 1555 (5.1)
Overhang angle, front / rear in degrees	15.2 / 17.8
Height of loading edge in mm (ft)	630 (2.1)
Luggage compartment behind the 2 nd seat row in l (cu ft)	495 (17.5)
Largest luggage capacity behind the 1st 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, CO₂ emissions and performance figures.

^{**}Value range taking into account different chassis (steel spring and air spring) and equipment lines in relation to the basic model.