

Technical Data	Audi A6 Avant 40 TDI quattro S tronic (150 kW)
Program for Germany	Status: 12/11/2018
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 / 16.2
Max. power output in kW (hp) / at rpm	150 (204) / 3750 - 4200
Max. torque in Nm (lb-ft) / at rpm	400 (295.0) / 1750 - 3500
Mixture preparation	Common rail fuel injection system
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter
Emissions standard	EU 6
Start-stop / REM	yes / yes
Battery in A / Ah	380 / 68
Max. electrical output at 12V in kilowatts	3.1
Drivetrain / transmission	
Drive type	quattro all-wheel drive with ultra technology
Clutch	Electronically controlled multi-plate clutch
Transmission type	quattro ultra
Clutch	Dual clutch
Transmission type	7-speed S tronic / dual clutch
Transmission ratio in 1st/2nd gear	3.188 / 2.190
Transmission ratio in 3rd/4th gear	1.517 / 1.057
Transmission ratio in 5th/6th gear	0.738 / 0.508
Transmission ratio in 7th/8th gear	0.386 / -
Reverse gear ratio / final drive ratio 1-2	2.750 / 4.410
Suspension / steering / brakes	
Type and design of front-axle suspension	Five-link front suspension; tubular anti-roll bar
Type and design of rear-axle suspension	Five-link rear suspension; tubular anti-roll bar
Steering	Electromechanical progressive steering with speed-dependent power assistance
Turning circle / turning circle optional in m (ft)	12.1 (39.7) / 11.1 (36.4)
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
Tires (basic)	225/60 R 17 99 Y - M+S
Wheels (basic)	Forged aluminum 7.5Jx17"
Performance / acoustics	
Top speed in km/h (mph)	241 (149.8)
Acceleration, 0-100 km/h (0-62.1 mph)	7.8
Fuel type / octane value	Diesel / -
Fuel standard	DIN EN 590
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)	70.6 / 70 / 69

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (<i>US mpg</i>)	4.9-4.8 (48.0-49.0) / 4.5-4.1 (52.3-57.4) / 4.6-4.4 (51.1-53.5)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	122-115 (196.3-185.1)
Servicing / guarantee (Germany)	
Service interval (<i>mi</i>)	30,000 km (18,641.1) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 (years)
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	15 / 26 / 23
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1770 (3902.2) / 1845 (4067.5) / 2425 (5346.2)
Front/rear axle load limit in kg (<i>lb</i>)	1175 (2590.4) / not available
Rear axle load limit min. / max. in kg (<i>lb</i>)	1305 (2877.0) / 1355 (2987.3)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (<i>lb</i>)	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (<i>lb</i>)	90 (198.4) / 95 (209.4)
Capacities	
Cooling system capacity (incl. heating) in liters (<i>US gal</i>)	12.9 (3.4)
Engine oil capacity, including filter (change volume) in liters (<i>US qt</i>)	5.5 (5.8)
Fuel tank capacity in liters (<i>US gal</i>)	63 (16.6)
Optional fuel tank capacity in liters (<i>US gal</i>)	73 (19.3)
Adblue fuel tank capacity in liters (<i>US gal</i>)	12 (3.2)
Adblue optional fuel tank capacity in liters (<i>US gal</i>)	22 (5.8)
Dimensions / body	
Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 5
Drag coefficient Cd / frontal area A in m ² (<i>sq ft</i>)	0.28 / 2.33 (25.1)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (<i>ft</i>)	4939 (16.2) / 1886 (6.2) / 1494 (4.9) / -
Width including mirrors in mm (<i>ft</i>)	2110 (6.9)
Wheelbase / track width front/rear in mm (<i>ft</i>)	2924 (9.6) / 1630 (5.35) / 1617 (5.31)
Height of loading edge with steel springs / air springs in mm (<i>ft</i>)	632 (2.1) / -
Luggage capacity behind 2nd seat bench, open / closed in l (<i>cu ft</i>)	Not available / 565 (20.0)

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