

<b>Technical Data</b>		A6 Avant 40 TDI (2.0) S tronic 150 kW (MHEV)
Program for Germany	Status: 8/6/2018	
<b>Engine / electronics</b>		
Engine type	Inline 4-cylinder engine	
Valve gear / number of valves per cylinder	Roller cam followers, overhead camshafts, hydraulic valve play adjustment / 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	EU6	
Start/Stop / REM	yes / yes	
Battery in A / Ah	380 / 68	
Max. electrical output at 12V in kilowatts	3.1	
On-board voltage 1 in volts	12	
<b>Drivetrain / transmission</b>		
Drive type	Front-wheel drive	
Clutch	Dual clutch	
Transmission type	7-speed S tronic	
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 / 4.234	
<b>Suspension / steering / brakes</b>		
Type and design of front axle suspension	Five-link front axle; tubular anti-roll bar	
Type and design of rear axle suspension	Five-link rear axle; tubular anti-roll bar	
Steering	Electromechanical steering with speed-dependent power assistance	
Steering ratio min. / max.	9.4 / 15.9	
Steering ratio min. / max. optional	9.6 / 16.4	
Turning circle / turning circle optional in m (ft)	12.1 (39.7) / -	
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist	
Basic tires, front axle	225/55 R 18 102 - - -	
Basic tires, rear axle	225/55 R 18 102 Y - -	
Wheels, front axle	Cast aluminum 8.0Jx18"	
Wheels, rear axle	Cast aluminum 8.0Jx16"	
<b>Performance / consumption / acoustics</b>		
Top speed in km/h (mph)	241 (149.8)	
Governed	no	
Acceleration, 0-100 km/h (0-62.1 mph)	8.3	
Fuel type / octane value	Diesel / -	
Fuel standard	DIN EN 590	
Exterior noise level when stationary / passing as per ECE R51.02 / passing as per ECE R51.03 in db (A)	70.6 / 70 / 68	
<b>Fuel consumption / emissions (according to tire size)</b>		
<b>Tire package A</b>		
Tire package A: designation	225/55 R18 102Y low rolling resistance (J62)	
Tire package A fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	5.0 (47.0) / 4.2 (56.0) / 4.5 (52.3)	
Tire package A CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	132 (212.4) / 111 (178.6) / 119 (191.5)	
<b>Tire package B</b>		
Tire package B: designation	245/45 R19 102Y (H2X), 225/60 R17 99Y (I53), 225/55 R18 102Y (I54), 225/55 R18 102V (I95)	
Tire package B fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	5.2 (45.2) / 4.4 (53.5) / 4.7 (50.0)	
Tire package B CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	137 (220.5) / 116 (186.7) / 124 (199.6)	
<b>Tire package C</b>		
Tire package C: designation	255/40 R20 101Y (HH1)	
Tire package C fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	5.3 (44.4) / 4.7 (50.0) / 4.9 (48.0)	
Tire package C CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	140 (225.3) / 123 (197.9) / 129 (207.6)	

**Servicing / guarantee (Germany)**

Service interval (mi)	30,000 km (18,641.1) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 (years)

**Weights / loads**

Unladen weight without driver / with driver / gross weight limit in kg (lb)	1710 (3769.9) / 1785 (3935.3) / 2330 (5136.8)
Front/rear axle load limit in kg (lb)	1160 (2557.4) / 0
Rear axle load limit min. / max. in kg (lb)	1215 (2678.6) / 1280 (2821.9)
Trailer load limit on 8% / 12% gradient, braked // unbraked; in kg (lb)	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	100 (220.5) / 95 (209.4)

**Capacities**

Cooling system capacity (incl. heating) in liters (US gal)	10.8 (2.9)
Engine oil capacity, including filter (change volume) in liters (US qt)	5.5 (5.8)
Fuel tank capacity in liters (US gal)	63 (16.6)
Optional fuel tank capacity in liters (US gal)	73 (19.3)
Adblue fuel tank capacity in liters (US gal)	12 (3.2)
Adblue optional fuel tank capacity in liters (US gal)	22 (5.8)

**Dimensions / body**

Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	5 seats
Drag coefficient Cd / frontal area A in m <sup>2</sup> (sq ft)	0.28 / 2.33 (25.1)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (ft)	4939 (16.2) / 1886 (6.2) / 1494 (4.9) / -
Width including mirrors in mm (ft)	2110 (6.9)
Wheelbase / track width front/rear in mm (ft)	2924 (9.6) / 1630 (5.3) / 1617 (5.3)
Overhang angle of steel springs front/rear in degrees	11.80 / 14.90
Height of loading edge with steel springs / air springs in mm (ft)	632 (2.1) / -
Luggage capacity behind 2nd seat bench, open / closed in l (cu ft)	not available / 565 (20.0)