

Technical Data		Audi A7 Sportback 40 TDI quattro S tronic (150 kW)
Program for Germany	Status: 12/18/2020	
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	1968 / 81.0 x 95.5 / 15.5	
Max. power output in kW (PS) / rpm	150 (204) / 3750 - 4200	
Max. torque in Nm (lb-ft) / at rpm	400 (295.0) / 1750 - 3000	
Mixture preparation	Common rail fuel injection system, intercooler	
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter	
Emissions standard	Euro-6d-ISC-FCM	
Start-stop / recuperation management	yes / yes	
Battery in A / Ah	380 / 68	
Max. electrical output at 12V in kilowatts	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	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	2.75 / 4.410	
Suspension / steering / brakes		
Type and design of front-axle suspension	5-link front axle; tubular anti-roll bar	
Type and design of rear-axle suspension	5-link rear axle; tubular anti-roll bar	
Steering	Electromechanical steering with speed-dependent power assistance	
Steering ratio	15.9	
Turning circle in m (ft)	12.2 (40.0)	
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)	225/55 R 18	
Wheels (basic)	Alloy 8 J x 18"	
Performance / acoustics		
Top speed in km/h (mph)	245 (152.2)	
Limited	no	
Acceleration, 0-100 km/h (0-62.1 mph)	7.8	
Fuel type / octane value	Diesel / -	
Fuel standard	DIN EN 590 (Diesel)	
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	74.2 / 68	

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (<i>US mpg</i>)	5.8 - 5.6 (40.6 - 42.0) / 4.5 - 4.2 (52.3 - 56.0) / 5.0 - 4.7 (47.0 - 50.0)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	132 - 124 (212.4 - 199.6)
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	20 / 28 / 28
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1765 (3891.2) / 1835 (4045.5) / 2435 (5368.3)
Axle load limit, front // rear min. / max. in kg (<i>lb</i>)	1180 (2601.5) // 1305 (2877.0) / 1350 (2976.2)
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>)	12.1 (3.2)
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) / 73 (19.3)
AdBlue fuel tank capacity / optional fuel tank capacity in liters (<i>US gal</i>)	12 (3.2) / 22 (5.8)
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	4+1
Drag coefficient Cd / frontal area A in m ² (<i>sq ft</i>)	0.27 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (<i>ft</i>)	4969 (16.3) / 1908 (6.3) / 1422 (4.7) / -
Width including mirrors in mm (<i>ft</i>)	2118 (6.9)
Wheelbase / track width front/rear in mm (<i>ft</i>)	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Overhang angle of steel springs, front / rear in degrees	12.40 / 14.10
Height of loading edge with steel springs / air springs in mm (<i>ft</i>)	669 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l (<i>cu ft</i>)	535 (18.9) / -
Largest luggage compartment capacity - behind the 1st seat row in l (<i>cu ft</i>)	1390 (49.1)

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