

Technical Data		Audi A7 Sportback 45 TDI quattro tiptronic (170 kW)	
Program for Germany		Status: 03/03/2020	
Engine / electrics			
Engine type	V6 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	2967 / 83.0 x 91.4 / 16.0		
Max. power output in kW (hp) / at rpm	170 (231) / 3250 - 4750		
Max. torque in Nm (lb-ft) / at rpm	500 (368.8) / 1750 - 3250		
Mixture preparation	Common rail fuel injection system		
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation		
Emissions standard	EU6		
Start-stop / REM	yes / yes		
Battery in A / Ah	420 / 70		
Max. electrical output at 12V in kilowatts	3		
On-board voltage 1 in volts	12		
On-board voltage 2 in volts	48		
Drivetrain / transmission			
Drive type	quattro permanent all-wheel drive with self-locking center differential		
Type of center differential	Self-locking		
Type of rear axle differential	Standard		
Clutch	Hydraulic torque converter with lock-up clutch		
Transmission type	8-speed tiptronic / automatic		
Transmission ratio in 1st/2nd gear	5.000 / 3.200		
Transmission ratio in 3rd/4th gear	2.143 / 1.720		
Transmission ratio in 5th/6th gear	1.313 / 1.000		
Transmission ratio in 7th/8th gear	0.823 / 0.640		
Reverse gear ratio / final drive ratio 1-2	3.478 / 2.624		
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		
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)	12.2 (40.0) / 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)	225/55 R 18 102 Y not available		
Wheels (basic)	Cast aluminum 8.0Jx18"		
Performance / acoustics			
Top speed in km/h (mph)	250 (155.3)		
Governed	yes		
Acceleration, 0-100 km/h (0-62.1 mph)	6.5		
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)	67.8 / 71 / 70		

Consumption / emissions*	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (<i>US mpg</i>)	6.3–6.0 (37.3–39.2) / 5.4–5.1 (43.6–46.1) / 5.7–5.4 (41.3–43.6)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	150–143 (241.4–230.1)
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	20 / 28 / 28
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1880 (4144.7) / 1955 (4310.0) / 2535 (5588.7)
Front/rear axle load limit in kg (<i>lb</i>)	1270 (2799.9) / -
Rear axle load limit min. / max. in kg (<i>lb</i>)	1305 (2877.0) / 1390 (3064.4)
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>)	11.6 (3.1)
Engine oil capacity, including filter (change volume) in liters (<i>US qt</i>)	6.1 (6.4)
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	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>)	Not available / 535 (18.9)

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