

Technical Data		Audi A8 L Sedan 60 TDI quattro tiptronic
Program for Germany	Status: 07/24/2020	
Engine / electrics		
Engine type	V8 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	3956 / 83.0 x 91.4 / 16.0	
Max. power output in kW (PS) / rpm	320 (435) / 3750 - 4750	
Max. torque in Nm (<i>lb-ft</i>) / at rpm	900 (663.8) / 1250 - 3250	
Mixture preparation	Common rail fuel injection system, intercooler	
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter	
Emissions standard	EU 6	
Start-stop / REM	yes / yes	
Battery in A / Ah	380 / 68	
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	
Clutch	Hydraulic torque converter with lock-up clutch	
Transmission type	8-speed tiptronic / automatic	
Transmission ratio in 1st/2nd gear	4.714 / 3.143	
Transmission ratio in 3rd/4th gear	2.106 / 1.667	
Transmission ratio in 5th/6th gear	1.285 / 1.000	
Transmission ratio in 7th/8th gear	0.839 / 0.667	
Reverse gear ratio / final drive ratio 1-2	3.317 / 2.381	
Suspension / steering / brakes		
Type and design of front-axle suspension	Five-link front axle; tubular anti-roll bar; air spring suspension	
Type and design of rear-axle suspension	Five-link rear axle; tubular anti-roll bar; air spring suspension	
Steering	Electromechanical progressive steering with speed-dependent power assistance	
Steering ratio	15.9	
Turning circle / turning circle optional in m (<i>ft</i>)	12.5 (<i>41.0</i>) / not available	
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)	255/45 R 19 104 Y XL (extra load) -	
Wheels (basic)	9.0Jx19"	
Performance / acoustics		
Top speed in km/h (<i>mph</i>)	250 (<i>155.3</i>)	
Limited	yes	
Acceleration, 0-100 km/h (<i>0-62.1 mph</i>)	4.4	
Fuel type / octane value	Diesel / -	
Fuel standard	DIN EN 590 (Diesel)	
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in dB (A)	77.3 / - / 68	

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (<i>US mpg</i>)	8.6 (27.4) / 6.4 (36.8) / 7.2 (32.7)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	190 - 189 (305.8-304.2)
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	21 / 31 / 30
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	2210 (4872.2) / 2285 (5037.6) / 2950 (6503.6)
Front/rear axle load limit in kg (<i>lb</i>)	1530 (3373.1) / 1540 (3395.1)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (<i>lb</i>)	2300 (5070.6) / 2300 (5070.6) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (<i>lb</i>)	75 (165.3) / 95 (209.4)
Capacities	
Cooling system capacity (incl. heating) in liters (<i>US gal</i>)	14.9 (3.9)
Engine oil capacity, including filter (change volume) in liters (<i>US qt</i>)	8.8 (9.3)
Fuel tank capacity in liters (<i>US gal</i>)	82 (21.7)
AdBlue fuel tank capacity in liters (<i>US gal</i>)	24 (6.3)
Dimensions / body	
Body type / number of doors	Audi Space Frame (ASF) / 4
Number of seats	5
Drag coefficient Cd / frontal area A in m ² (<i>sq ft</i>)	0.27 / 2.43 (26.2)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (<i>ft</i>)	5302 (17.4) / 1945 (6.4) / - / 1488 (4.9)
Width including mirrors in mm (<i>ft</i>)	2130 (7.0)
Wheelbase / track width front/rear in mm (<i>ft</i>)	3128 (10.3) / 1644 (5.39) / 1633 (5.36)
Height of loading edge with steel springs / air springs in mm (<i>ft</i>)	- / 697 (2.3)
Luggage capacity behind 2nd seat bench, open / closed in l (<i>cu ft</i>)	- / 505 (17.8)

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