

Technical Data		Audi A8 L 55 TFSI quattro tiptronic (250 kW)
Program for Germany	Status: 10/12/2020	
Engine / electrics		
Engine type	V6 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	2995 / 84.5 x 89.0 / 11.2	
Max. power output in kW (PS) / rpm	250 (340) / 5000 - 6400	
Max. torque in Nm (lb-ft) / at rpm	500 (368.8) / 1370 - 4500	
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler	
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter	
Emissions standard	EU6	
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	
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	
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 / 3.076	
Suspension / steering / brakes		
Type and design of front-axle suspension	5-link front axle; tubular anti-roll bar; air spring suspension	
Type and design of rear-axle suspension	5-link rear axle; tubular anti-roll bar; air spring suspension	
Steering	Electromechanical progressive steering with speed-dependent power assistance	
Steering ratio	15.8	
Turning circle in m (ft)	12.9 (42.3)	
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)	235/55 R 18	
Wheels (basic)	Alloy 8 J x 18"	
Performance / acoustics		
Top speed in km/h (mph)	250 (155.3)	
Limited	yes	
Acceleration, 0-100 km/h (0-62.1 mph)	5.7	
Fuel type / octane value	Gasoline / 95	
Fuel standard	DIN EN 228 (gasoline)	
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	70.0 / 67	

Consumption / emissions*	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (<i>US mpg</i>)	11.3 - 11.2 (20.8 - 21.0) / 6.6 - 6.4 (35.6 - 36.8) / 8.4 - 8.2 (28.0 - 28.7)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	191 - 187 (307.4 - 300.9)
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 / 29 / 29
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1980 (4365.2) / 2055 (4530.5) / 2755 (6073.7)
Front/rear axle load limit in kg (<i>lb</i>)	1360 (2998.3) / 1450 (3196.7)
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>)	11 (2.9)
Engine oil capacity, including filter (change volume) in liters (<i>US qt</i>)	7.6 (8.0)
Fuel tank capacity / optional fuel tank capacity in liters (<i>US gal</i>)	72 (19.0) / 82 (21.7)
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 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)
Overhang angle of air springs, front/rear in degrees	14.0 / 13.7
Height of loading edge with air springs in mm (<i>ft</i>)	697 (2.3)
Closed luggage capacity behind 2nd seat bench in l (<i>cu ft</i>)	505 (17.8)

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