

Technical Data	A8 L 55 TFSI (3.0) quattro tiptronic 250 kW
Program for Germany	Status: 9/12/2017
Engine / electronics	
Engine type	V6 engine
Valve gear / number of valves per cylinder	Roller cam followers, continuous intake and exhaust camshaft adjustment, hydraulic valve play adjustment / 2/2 inlet/exhaust valves per cylinder
Displacement in cm ³ / bore x stroke in mm / compression	2995 / 84.5 x 89.0 / 11.2
Max. power output in kW (hp) / at 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	Close-coupled catalytic converter, oxygen sensor
Emission control concept	EU6
Alternator in A / battery rated capacity in Ah	- / 70
Max. electrical output at 12V in kilowatts	3
Start/Stop / REM	yes / yes
On-board voltage 1 in volts	12
On-board voltage 2 in volts	48
Drivetrain / transmission	
Drive type	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 / 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 transmission ratio / final drive ratio 1-2	3.317 / 3.076
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 / steering ratio / turning circle in m (ft)	Electromechanical steering with speed-dependent power assistance / 15.8 / 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
Basic tires	235/55 R18 104 Y
Wheels	Forged aluminum 8.0J x 18"
Performance / consumption / acoustics	
Top speed in km/h (mph)	250 (155.3)
Governed	yes
Acceleration, 0-100 km/h (0-62.1 mph)	5.7
Fuel type / octane value	Gasoline / 95
Fuel standard	Premium sulfur-free according to DIN EN 228
Exterior noise level when stationary / passing as per ECE R51.02 / passing as per ECE R51.03 in db (A)	71.5 / - / 66

Fuel consumption / emissions (according to tire size)	
Tire package A	235/55 R18 104Y, H18
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (<i>US mpg</i>)	10.1 (23.3) / 6.0 (39.2) / 7.5 (31.4)
CO ₂ emissions urban/extra-urban/combined in grams per kilometer (<i>g/mi</i>)	229 (368.5) / 137 (220.5) / 171 (275.2)
Tire package B	255/45 R19 104Y, Q55
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (<i>US mpg</i>)	10.2 (23.1) / 6.3 (37.3) / 7.7 (30.5)
CO ₂ emissions urban/extra-urban/combined in grams per kilometer (<i>g/mi</i>)	233 (375.0) / 143 (230.1) / 176 (283.2)
Tire package C	265/40 R20 104Y, Q57
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (<i>US mpg</i>)	10.3 (22.8) / 6.4 (36.8) / 7.8 (30.2)
CO ₂ emissions urban/extra-urban/combined in grams per kilometer (<i>g/mi</i>)	234 (376.6) / 145 (233.4) / 178 (286.5)
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 / 29 / 29
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1945 (4288.0) / 2020 (4453.3) / 2745 (6051.7)
Front/rear axle load limit in kg (<i>lb</i>)	1355 (2987.3) / 1440 (3174.7)
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>)	100 (220.5) / 95 (209.4)
Capacities	
Cooling system capacity (incl. heating) in l (<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 in liters (<i>US gal</i>)	72 (19.0)
Optional fuel tank capacity in liters (<i>US gal</i>)	82 (21.7)
Dimensions / body	
Body type / number of doors / number of seats	Audi Space Frame (ASF) / 4 / 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 (5.4) / 1633 (5.4)
Overhang angle of air spring front/rear in degrees	14.0 / 13.7
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)