

Technical Data		Audi RS 6 Avant 4.0 TFSI quattro tiptronic (441 kW)
Program for Australia		
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	3996 / 86.0 x 86.0 / 10.0	
Max. power output in kW / rpm	441 / 6000 - 6250	
Max. torque in Nm / at rpm	800 / 2050 - 4500	
Mixture preparation	Direct injection	
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter	
Emissions standard	2020	
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	
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 ratio / final drive ratio 1-2	3.317 / 3.204	
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 steering with speed-dependent power assistance	
Steering ratio min. / max.	40.0 / 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	
Basic tires, front axle	285/30 R 22	
Basic tires, rear axle	285/30 R 22	
Wheels, front axle	Cast aluminum 10.5Jx22"	
Wheels, rear axle	Cast aluminum 10.5Jx22"	
Performance / acoustics		
Top speed in km/h	280	
Limited	yes	
Acceleration, 0-100 km/h	3.6	
Fuel type / octane value	Gasoline / 98	
Fuel standard	DIN EN 228 (gasoline)	
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)	88.5 / - / 71	
Consumption / emissions*		
Fuel consumption: city / highway / combined, in l/100 km	16.3 / 9.1 / 11.7	
CO ₂ mass emission, combined, in g/km	268	
Weights / loads		
unladen weight without driver / with driver / gross weight limit in kg	2075 / 2150 / 2740	

Gross weight limit min. / max. in kg	2740 / 2740
Front/rear axle load limit in kg	1390 / 1400
Rear axle load limit min. / max. in kg	1400 / 1400
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg	2100 / 2100 // 750
Roof load limit / permissible nose weight in kg	100 / 95
Capacities	
Cooling system capacity (incl. heating) in liters	12.1
Engine oil capacity, including filter (change volume) in liters	11
Fuel tank capacity in liters	73
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction
Number of seats	5
Drag coefficient Cd / frontal area A in m ²	0.35 / 2.41
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm	4995 / 1951 / 1487 / 1487
Width including mirrors in mm	2110
Wheelbase / track width front/rear in mm	2930 / 1668 / 1650
Overhang angle of steel springs, front/rear in degrees	13.10 / 12.50
Overhang angle of air spring front/rear in degrees	12.4 / 16.3
Height of loading edge with steel springs / air springs in mm	600 / 601
Luggage capacity behind 2nd seat bench, open / closed in l	565 / -
Open luggage compartment - behind the 2nd seat row in l	56