

Technical Data – Audi RS 5 Coupé 2.9 TFSI quattro tiptronic (331 kW)

Program for Germany

Status: June 2017

Engine / electronics	
Engine type	V6 spark-ignition engine with aluminum cylinder housing and gasoline direct injection, DOHC, biturbo exhaust turbocharger, demand-controlled high-pressure and low-pressure fuel system (four valves per cylinder), variable inlet valve adjustment AVS, indirect intercooler
Valve gear / number of valves per cylinder	continuous camshaft adjustment / 4
Displacement in cc / bore x stroke in mm / compression	2894 / 84.5 x 86 / 10.0
Max. power output in kW (hp) / at rpm	331 (450) at 5700 - 6700
Max. torque in Nm (lb-ft) / at rpm	600 (442.5) at 1900 - 5000
Mixture preparation	Fully electronic engine management with drive-by-wire throttle control; gasoline direct injection, cylinder-selective lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control; manifold-pressure controlled system
Exhaust emission control	two close-coupled ceramic main catalytic converters each with a pre- and post-catalyst oxygen sensor
Emissions class	EU6
Alternator in A / battery in A/Ah	110-150 / 420/79
Start-stop system	switches the engine off if the vehicle is stationary and the brake is engaged
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive
Clutch	hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic with DSP and sport program
Gear ratio in 1st gear / 2nd gear	5.000 / 3.200
Gear ratio in 3rd gear / 4th gear	2.143 / 1.720
Gear ratio in 5th gear / 6th gear	1.313 / 1.000
Gear ratio in 7th gear / 8th gear	0.823 / 0.640
Reverse gear / final drive ratio	3.478 / 3.204
Suspension / steering / brakes	
Front suspension	independent-wheel suspension, five-link axle with front track rod, aluminum transverse link, subframe and tubular anti-roll bar
Rear suspension	independent-wheel suspension, five-link axle with rear track rod, resiliently mounted subframe and anti-roll bar
Steering / steering ratio / turning circle in m (D102) (ft)	electromechanical steering with speed-dependent power assistance / 15.9 / 11.7 (38.4)
Brake system	Dual circuit brake system split between axles (black/white brake circuit split), Antilock Brake System (ABS) with Electronic Brake Force Distribution (EBD), Electronic Differential Lock (EDL), Anti-Slip Regulation (ASR), Electronic Stabilization Control (ESC) with torque vectoring front: ventilated disks, perforated steel (basic) front: ventilated disks, ceramic (option) rear: ventilated disks, perforated
Wheels / tires (basic)	Forged aluminum wheels 9J x 19H ET24 / 265/35 R 19 98Y XL summer
Performance / fuel / acoustics	
Top speed in km/h (mph)	250 (155.3) (optionally 280 (174.0))
Acceleration, 0-100 km/h (0-62.1 mph) in s	3.9
Fuel type / octane value	Super Plus sulfur-free according to DIN EN 228 / 98 RON
Idling / drive-past exterior noise level in dB (A)	90.2 / 70
Fuel consumption / emissions (according to tire size)	
Tire category 1	265/35 R 19, 275/30 R 20
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	11.5 (20.5) / 7.1 (33.1) / 8.7 (27.0)
CO ₂ mass emission city / highway / combined, in g/km (g/mi)	261 (420.0) / 160 (257.5) / 197 (317.0)
Servicing / guarantee (Germany)	
Service inspection after max. km (mi)	according to service indicator up to 30,000 km (18,641.1) (max. 2 years)
Vehicle / paint / rust perforation guarantee	2 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	16 / 28 / 31
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (lb)	1655 (3648.7) / 1730 (3814.0) / 2195 (4839.1)
Axle load limit at front / rear in kg (lb)	1180 (2601.5) / 1085 (2392.0)
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg (lb)	- / - / -
Roof load limit / permissible nose weight in kg (lb)	75 (165.3)
Capacities	
Cooling system capacity (incl. heating) in l (US gal)	10.0 (2.6)
Engine oil capacity (including filter) in l (US qt)	7.6 (8.0)
Fuel tank capacity in l (US gal)	58 (15.3)
Body / dimensions	
Body type / number of doors / seats	unitary, galvanized, steel, crumple zones at front and rear / 2 doors / 4 seats
Drag coefficient Cd / frontal area A in m ² (sq ft)	0.316 / 2.17 (23.4)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (ft)	4723 (15.5) / 1861 (6.1) / 1360 (4.5)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (ft)	2766 (9.1) / 1598 (5.24) / 1588 (5.21)
Height of loading lip (H196) in mm (ft)	660 (2.2)
Luggage capacity / with rear seat bench folded in l (cu ft)	465 (16.4) / -