Technical Data – Audi RS 7 Sportback 4.0 TFSI quattro tiptronic (441 kW)	
Program for Germany	Status: 09/03/2019
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 (PS) / rpm	441 (600) / 6000 - 6250
Max. torque in Nm *(lb-ft)* / at rpm	800 *(590.0)* / 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
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.	- / 15.8
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	275/35 R 21 103 Y XL
Basic tires, rear axle	275/35 R 21 103 Y XL
Wheels, front axle	Cast aluminum 10.5Jx21"
Wheels, rear axle	Cast aluminum 10.5Jx21"
Performance / consumption / acoustics	
Top speed in km/h *(mph)*	250 *(155.3)*
Limited	yes
Acceleration, 0-100 km/h *(0-62.1 mph)*	3.6
Fuel type / octane value	Gasoline / 98
Fuel standard	DIN EN 228
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 *(US mpg)*	16.3 - 16.1 (*14.4 - 14.6*) / 8.9 - 8.7 (*26.4 - 27.0*) / 11.6 - 11.4 *(20.3 - 20.6)*
CO_2 mass emission, combined, in g/km *(g/mi)*	265 - 261 *(426.5 - 420)*
Servicing / guarantee (Germany)	
Service interval	30,000 km *(18,641.1 mi)* / 2 years, whichever comes first
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg *(lb)*	2065 *(4552.5)* / 2140 *(4717.9)* / 2735 *(6029.6)*
Gross weight limit min. / max. in kg *(lb)*	2735 (*6029.6*) / 2735 *(6029.6)*
Front/rear axle load limit in kg *(lb)*	1390 *(3064.4)* / 1400 *(3086.5)*
Rear axle load limit min. / max. in kg *(lb)*	1400 *(3086.5)* / 1400 *(3086.5)*
Roof load limit / permissible nose weight in kg *(lb)*	100 *(220.5)* / 95 *(209.4)*
Capacities	
Cooling system capacity (incl. heating) in liters *(US gal)*	12.1 *(3.2)*
Engine oil capacity, including filter (change volume) in liters *(US qt)*	11 *(11.6)*
Fuel tank capacity in liters *(US gal)*	73 *(19.3)*
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Drag coefficient Cd / frontal area A in m^2 *(sq ft)*	0.32 / 2.35 *(25.3)*
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm *(ft)*	5009 *(16.4)* / 1950 *(6.398)* / 1424 *(4.7)* / 1424 *(4.7)*
Width including mirrors in mm *(ft)*	2118 *(6.9)*
Wheelbase / track width front/rear in mm *(ft)*	2930 *(9.6)* / 1668 *(5.5)* / 1650 *(5.4)*
Overhang angle of steel springs, front/rear in degrees	13.20 / 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 *(ft)*	647 (2.1) / 647 *(2.1)*
Luggage capacity behind 2nd seat bench, open / closed in l *(cu ft)*	- / 535 *(18.9)*

*** Fuel consumption and CO_2 emission figures given in ranges depend on the tires/wheels used**