

<b>Technical Data</b>	<b>Audi A7 Sportback 40 TDI S tronic (150 kW)</b>
<b>Program for Germany</b>	Status: 12/13/2018
<b>Engine / electrics</b>	
<b>Engine type</b>	Inline 4-cylinder engine
<b>Valve gear / number of valves per cylinder</b>	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
<b>Displacement in cc / bore x stroke in mm / compression</b>	1968 / 81.0 x 95.5 / 16.2
<b>Max. power output in kW (hp) / at rpm</b>	150 (204) / 3750 - 4200
<b>Max. torque in Nm (lb-ft) / at rpm</b>	400 (295.0) / 1750 - 3500
<b>Mixture preparation</b>	Common rail fuel injection system
<b>Exhaust emission control</b>	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter
<b>Emissions standard</b>	EU6
<b>Start-stop / REM</b>	yes / yes
<b>Battery in A / Ah</b>	380 / 68
<b>Max. electrical output at 12V in kilowatts</b>	3
<b>On-board voltage 1 in volts</b>	12
<b>Drivetrain / transmission</b>	
<b>Drive type</b>	Front-wheel drive
<b>Clutch</b>	Dual clutch
<b>Transmission type</b>	7-speed S tronic / dual clutch
<b>Transmission ratio in 1st/2nd gear</b>	3.188 / 2.190
<b>Transmission ratio in 3rd/4th gear</b>	1.517 / 1.057
<b>Transmission ratio in 5th/6th gear</b>	0.738 / 0.508
<b>Transmission ratio in 7th/8th gear</b>	0.386 / -
<b>Reverse gear ratio / final drive ratio 1-2</b>	2.750 / 4.234
<b>Suspension / steering / brakes</b>	
<b>Type and design of front-axle suspension</b>	Five-link front suspension; tubular anti-roll bar
<b>Type and design of rear-axle suspension</b>	Five-link rear suspension; tubular anti-roll bar
<b>Steering</b>	Electromechanical steering with speed-dependent power assistance
<b>Steering ratio min. / max.</b>	15.8 / 15.8
<b>Turning circle / turning circle optional in m (ft)</b>	12.2 (40.0) / not available
<b>Brake control system</b>	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
<b>Tires (basic)</b>	225/55 R 18 102 Y
<b>Wheels (basic)</b>	Cast aluminum 8.0Jx18"
<b>Performance / acoustics</b>	
<b>Top speed in km/h (mph)</b>	245 (152.2)
<b>Governed</b>	no
<b>Acceleration, 0-100 km/h (0-62.1 mph)</b>	8.3
<b>Fuel type / octane value</b>	Diesel / -
<b>Fuel standard</b>	DIN EN 590
<b>Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)</b>	70.6 / 70 / 68

<b>Consumption / emissions*</b>	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	5.3–5.0 (44.4–47.0) / 4.6–4.2 (51.1–56.0) / 4.9–4.5 (48.0–52.3)
CO <sub>2</sub> emissions combined in grams per kilometer ( <i>g/mi</i> )	127–117 (204.4–188.3)
<b>Servicing / guarantee (Germany)</b>	
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 / 28 / 28
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	1700 (3747.9) / 1775 (3913.2) / 2315 (5103.7)
Front/rear axle load limit in kg ( <i>lb</i> )	1175 (2590.4) / not available
Rear axle load limit min. / max. in kg ( <i>lb</i> )	1215 (2678.6) / 1255 (2766.8)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	90 (198.4) / 95 (209.4)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters ( <i>US gal</i> )	12.9 (3.4)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	5.5 (5.8)
Fuel tank capacity in liters ( <i>US gal</i> )	63 (16.6)
Optional fuel tank capacity in liters ( <i>US gal</i> )	73 (19.3)
Adblue fuel tank capacity in liters ( <i>US gal</i> )	12 (3.2)
Adblue optional fuel tank capacity in liters ( <i>US gal</i> )	22 (5.8)
<b>Dimensions / body</b>	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	4 + 1
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.27 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	4969 (16.3) / 1908 (6.3) / 1422 (4.7) / -
Width including mirrors in mm ( <i>ft</i> )	2118 (6.9)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	669 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l ( <i>cu ft</i> )	535 (18.9) / -
Largest luggage compartment capacity - behind the 1st seat row in l ( <i>cu ft</i> )	1390 (49.1)
Open luggage compartment - behind the 2nd seat row in l ( <i>cu ft</i> )	535 (18.9)

\* Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used

# Technical Data – Audi A7 3.0 TDI quattro S tronic (160 kW)

Program for Germany

Status: April 2016

<b>Engine / electronics</b>	
Engine type	V6 diesel engine with 90° V angle and exhaust turbocharger
Valve gear / number of valves per cylinder	Double overhead camshafts (DOHC) / 4
Displacement in cc / bore x stroke in mm / compression	2967 / 83.0 x 91.4 / 16.8
Max. power output in kW (hp) / at rpm	160 (218) / 3250 - 5000
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	500 (368.8) / 1250 - 3000
Mixture preparation	Common rail injection system (piezo injectors, max. 2000 bar), direct injection, VTG turbocharger with intercooler
Exhaust emission control	Close-coupled oxidizing catalytic converter and maintenance-free diesel particulate filter with SCR coating
Emissions class	EU 6
Alternator in A / battery in A/Ah	120-180 (air-cooled) / 520/92
Start-stop system	Switches the engine off if the vehicle is stationary and the brake is engaged
<b>Drivetrain / transmission</b>	
Drive type	quattro permanent all-wheel drive with self-locking center differential
Clutch	Two electro-hydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic direct-shift transmission with electrohydraulic control
Gear ratio in 1st gear / 2nd gear	3.692 / 2.150
Gear ratio in 3rd gear / 4th gear	1.344 / 0.974
Gear ratio in 5th gear / 6th gear	0.739 / 0.574
Gear ratio in 7th gear / 8th gear	0.462 / -
Reverse gear / final drive ratio	2.944 / 3.875
<b>Suspension / steering / brakes</b>	
Front suspension	Five-link front suspension, double upper and lower wishbones, anti-roll bar, steel springs
Rear suspension	Self-tracking trapezoidal-link axle with wishbone, anti-roll bar, steel springs
Steering / steering ratio / turning circle in m (D102) ( <i>ft</i> )	Electromechanical steering with speed-dependent power assistance / 15.87 / 11.9 (39.0)
Brake system	Dual-circuit brake system with diagonal split, Electronic Stabilization Control (ESC), brake servo, hydraulic brake assist; front: ventilated disks, aluminum fixed calipers; rear: ventilated disks, cast floating calipers with electromechanical parking brake
Wheels / tires (basic)	Cast aluminum wheel 8.5 J x 18 / 255/45 R18
<b>Performance / consumption / acoustics</b>	
Top speed in km/h ( <i>mph</i> )	241 (149.8)
Acceleration, 0-100 km/h (0-62.1 <i>mph</i> ) in s	6,8
Fuel / octane value	Diesel, sulfur-free, according to DIN EN 590 / -
Idling / drive-past exterior noise level in dB (A)	70 / 70
<b>Consumption / emissions (according to tire size)</b>	
<b>Tire category 1</b>	18-inch and 19-inch
Fuel consumption: city / highway / combined, in l/100 km ( <i>US mpg</i> )	5.7 (41.3) / 4.8 (49.0) / 5.1 (46.1)
CO <sub>2</sub> mass emission city / highway / combined, in g/km ( <i>g/mi</i> )	149 (239.8) / 126 (202.8) / 134 (215.7)
<b>Tire category 2</b>	20-inch and 21-inch
Fuel consumption: city / highway / combined, in l/100 km ( <i>US mpg</i> )	5.8 (40.6) / 4.9 (48.0) / 5.3 (44.4)
CO <sub>2</sub> mass emission city / highway / combined, in g/km ( <i>g/mi</i> )	151 (243.0) / 129 (207.6) / 137 (220.5)
<b>Servicing / guarantee (Germany)</b>	
Service inspection after max. km ( <i>mi</i> )	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	20 / 27 / 27
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg ( <i>lb</i> )	1825 (4023.4) / 1900 (4188.8) / 2435 (5368.3)
Axle load limit at front / rear in kg ( <i>lb</i> )	1275 (2810.9) / 1305 (2877.0)
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg ( <i>lb</i> )	2100 (4629.7) / 2000 (4409.2) / 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	100 (220.5) / 85 (187.4)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l ( <i>US gal</i> )	11.5 (3.0)
Engine oil capacity (including filter) in l ( <i>US qt</i> )	8.0 (8.5) (6.4 (6.8))
Fuel tank capacity in l ( <i>US gal</i> )	73 (19.3)
<b>Body / dimensions</b>	
Body type / number of doors / seats	Unitary, vehicle-safety optimized body in steel/aluminum composite construction / 4 aluminum doors with side impact protection / 4
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.29 / 2.29 (24.6)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm ( <i>ft</i> )	4974 (16.3) / 1911 (6.3) / 1420 (4.7)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm ( <i>ft</i> )	2914 (9.6) / 1644 (5.39) / 1635 (5.36)
Height of loading lip (H196) in mm ( <i>ft</i> )	689 (2.3)
Luggage capacity / with rear seat bench folded in l ( <i>cu ft</i> )	535 (18.9) / 1390 (49.1) (roof high)

<b>Technical Data</b>		<b>Audi A7 Sportback 45 TDI quattro tiptronic (170 kW)</b>	
<b>Program for Germany</b>		Status: 12/13/2018	
<b>Engine / electrics</b>			
Engine type	V6 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	2967 / 83.0 x 91.4 / 16.0		
Max. power output in kW (hp) / at rpm	170 (231) / 3250 - 4750		
Max. torque in Nm (lb-ft) / at rpm	500 (368.8) / 1750 - 3250		
Mixture preparation	Common rail fuel injection system		
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation		
Emissions standard	EU6		
Start-stop / REM	yes / yes		
Battery in A / Ah	420 / 70		
Max. electrical output at 12V in kilowatts	3		
On-board voltage 1 in volts	12		
On-board voltage 2 in volts	48		
<b>Drivetrain / transmission</b>			
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	5.000 / 3.200		
Transmission ratio in 3rd/4th gear	2.143 / 1.720		
Transmission ratio in 5th/6th gear	1.313 / 1.000		
Transmission ratio in 7th/8th gear	0.823 / 0.640		
Reverse gear ratio / final drive ratio 1-2	3.478 / 2.624		
<b>Suspension / steering / brakes</b>			
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 progressive steering with speed-dependent power assistance		
Steering ratio min. / max.	9.4 / 15.9		
Steering ratio min. / max. optional	9.6 / 16.4		
Turning circle / turning circle optional in m (ft)	12.2 (40.0) / 11.1 (36.4)		
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)	225/55 R 18 102 Y not available		
Wheels (basic)	Cast aluminum 8.0Jx18"		
<b>Performance / acoustics</b>			
Top speed in km/h (mph)	250 (155.3)		
Governed	yes		
Acceleration, 0-100 km/h (0-62.1 mph)	6.5		
Fuel type / octane value	Diesel / -		
Fuel standard	DIN EN 590		
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)	67.8 / 71 / 70		

<b>Consumption / emissions*</b>	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	6.4–6.1 (36.8–38.6) / 5.4–5.1 (43.6–46.1) / 5.8–5.5 (40.6–42.8)
CO <sub>2</sub> emissions combined in grams per kilometer ( <i>g/mi</i> )	150–142 (241.4–228.5)
<b>Servicing / guarantee (Germany)</b>	
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 / 28 / 28
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	1880 (4144.7) / 1955 (4310.0) / 2535 (5588.7)
Front/rear axle load limit in kg ( <i>lb</i> )	1270 (2799.9) / -
Rear axle load limit min. / max. in kg ( <i>lb</i> )	1305 (2877.0) / 1390 (3064.4)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	90 (198.4) / 95 (209.4)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters ( <i>US gal</i> )	11.6 (3.1)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	6.1 (6.4)
Fuel tank capacity in liters ( <i>US gal</i> )	63 (16.6)
Optional fuel tank capacity in liters ( <i>US gal</i> )	73 (19.3)
Adblue fuel tank capacity in liters ( <i>US gal</i> )	12 (3.2)
Adblue optional fuel tank capacity in liters ( <i>US gal</i> )	22 (5.8)
<b>Dimensions / body</b>	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	4 + 1
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.27 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	4969 (16.3) / 1908 (6.3) / 1422 (4.7) / -
Width including mirrors in mm ( <i>ft</i> )	2118 (6.9)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Overhang angle of steel springs, front/rear in degrees	12.40 / 14.10
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	669 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l ( <i>cu ft</i> )	Not available / 535 (18.9)

\* Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used

**Technical Data**

Audi A7 Sportback 50 TDI (3.0) quattro tiptronic 210 kW (MHEV)

Program for Germany

Date published: 02/02/2018

**Engine / electronics**

Engine type	V6 engine
Valve gear / number of valves per cylinder	Roller cam followers, overhead camshafts, hydraulic valve play adjustment / 2/2 inlet/exhaust valves per cylinder
Displacement in cm <sup>3</sup> / bore x stroke in mm / compression	2967 / 83.0 x 91.4 / 16.0
Max. power output in kW (hp) / at rpm	210 (286) / 3500 – 4000
Max. torque in Nm (lb-ft) / at rpm	620 (457.3) / 2250 - 3000
Mixture preparation	Common rail injection system
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation
Emission standard	EU 6
Alternator in A / battery rated capacity in Ah	Not available / 70
Max. electrical output at 12V in kilowatts	3
Start-stop system / REM	yes / yes
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	5.000 / 3.200
Transmission ratio in 3rd/4th gear	2.143 / 1.720
Transmission ratio in 5th/6th gear	1.313 / 1.000
Transmission ratio in 7th/8th gear	0.823 / 0.640
Reverse gear transmission ratio / final drive ratio 1-2	3.478 / 2.624

**Suspension / steering / brakes**

Type and design of front axle suspension	Five-link front axle; tubular anti-roll bar
Type and design of rear axle suspension	Five-link rear axle; tubular anti-roll bar
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio / optional steering ratio	15.8 / -
Turning circle / optional turning circle in m (ft)	12.2 (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
Tires (basic)	225/55 R 18 102 Y not available -
Wheels (basic)	Cast aluminum 8.0Jx18"

**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 grade / octane value	Diesel / -
Fuel standard	DIN EN 590
Exterior noise level when stationary / passing as per ECE R51.02 / passing as per ECE R51.03 in db (A)	69.9 / 68 / 69

**Fuel consumption / emissions (according to tire size)**
**Tire package A**

Tire package A: designation	225/55 R18 102Y, I54
Tire package A fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	6.1 (38.6) / 5.1 (46.1) / 5.5 (42.8)
Tire package A CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	158 (254.3) / 133 (214.0) / 142 (228.5)

**Tire package B**

Tire package B: designation	225/55 R18 102V AS, I95
Tire package B fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	6.2 (37.9) / 5.2 (45.2) / 5.6 (42.0)
Tire package B CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	162 (260.7) / 138 (222.1) / 147 (236.6)

**Tire package C**

Tire package C: designation	225/55 R18 102Y low rolling resistance, I93
Tire package C fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	6.2 (37.9) / 5.2 (45.2) / 5.6 (42.0)
Tire package C CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	162 (260.7) / 138 (222.1) / 147 (236.6)

**Tire package D**

Tire package D: designation	245/45 R19 102Y, H2X
Tire package D fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	6.2 (37.9) / 5.2 (45.2) / 5.6 (42.0)
Tire package D CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	162 (260.7) / 138 (222.1) / 147 (236.6)

**Tire package E**

Tire package E: designation	255/40 R20 101Y, HH1
Tire package E fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	6.4 (36.8) / 5.4 (43.6) / 5.8 (40.6)
Tire package E CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	165 (265.5) / 141 (226.9) / 150 (241.4)

**Tire package F**

Tire package F: designation	255/35 R21 98Y, I56
Tire package F fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	6.4 (36.8) / 5.4 (43.6) / 5.8 (40.6)
Tire package F CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	165 (265.5) / 141 (226.9) / 150 (241.4)

<b>Servicing / guarantee (Germany)</b>	
Service interval (mi)	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 / 28 / 28
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg (lb)	1880 (4144.7) / 1955 (4310.0) / 2535 (5588.7)
Gross weight limit min. / max. in kg (lb)	2535 (5588.7) / 2535 (5588.7)
Axle load limit at front/rear in kg (lb)	1270 (2799.9) / 1305 (2877.0)
Axle load limit at rear in kg (lb)	Not available
Axle load limit min. / max. in kg (lb)	1305 (2877.0) / 1390 (3064.4)
Trailer load limit on 8% / 12% gradient, braked // unbraked; in kg (lb)	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 (198.4) / 95 (209.4)
Optional nose weight limit in kg (lb)	Not available
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l (US gal)	11.6 (3.1)
Engine oil capacity, including filter (change volume) in liters (US qt)	6.1 (6.4)
Fuel tank capacity in liters (US gal)	63 (16.6)
Optional fuel tank capacity in liters (US gal)	73 (19.3)
<b>Dimensions / body</b>	
Body type / number of doors / number of seats	Unitary steel/aluminum composite construction
Drag coefficient Cd / frontal area A in m <sup>2</sup> (sq ft)	0.27 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (ft)	4969 (16.3) / 1908 (6.3) / 1422 (4.7) / -
Width including mirrors in mm (ft)	2118 (6.9)
Wheelbase / track width front/rear in mm (ft)	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Overhang angle of steel springs front/rear in degrees	12.40 / 14.10
Overhang angle of air springs front/rear in degrees	-
Height of loading lip with steel springs / air springs in mm (ft)	669 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l (cu ft)	Not available / 535 (18.9)

<b>Technical Data</b>		<b>Audi A7 Sportback 45 TFSI S tronic (180 kW)</b>	
<b>Program for Germany</b>		Status: 12/13/2018	
<b>Engine / electrics</b>			
Engine type	Inline 4-cylinder engine		
Valve gear / number of valves per cylinder	Roller cam follower, continuous intake and exhaust camshaft adjustment / 2/2 inlet/exhaust valves per cylinder		
Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 9.6		
Max. power output in kW (hp) / at rpm	180 (245) / 5000 - 6500		
Max. torque in Nm (lb-ft) / at rpm	370 (272.9) / 1600 - 4300		
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	3.1		
On-board voltage 1 in volts	12		
On-board voltage 2 in volts	-		
<b>Drivetrain / transmission</b>			
Drive type	Front-wheel drive		
Clutch	Dual clutch		
Transmission type	7-speed S tronic / dual clutch		
Transmission ratio in 1st/2nd gear	3.188 / 2.190		
Transmission ratio in 3rd/4th gear	1.517 / 1.057		
Transmission ratio in 5th/6th gear	0.738 / 0.557		
Transmission ratio in 7th/8th gear	0.433 / -		
Reverse gear ratio / final drive ratio 1-2	2.750 / 4.410		
<b>Suspension / steering / brakes</b>			
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 progressive steering with speed-dependent power assistance		
Steering ratio min. / max.	- / 15.8		
Steering ratio min. / max. optional	- / 16.4		
Turning circle / turning circle optional in m (ft)	12.2 (40.0) / 11.1 (36.4)		
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)	225/55 R 18 102 Y - M+S		
Wheels (basic)	Cast aluminum 8.0Jx18"		
<b>Performance / acoustics</b>			
Top speed in km/h (mph)	250 (155.3)		
Governed	yes		
Acceleration, 0-100 km/h (0-62.1 mph)	7		
Fuel type / octane value	Gasoline / 95		
Fuel standard	EN228		
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)	69.4 / 71 / 66		



<b>Consumption / emissions*</b>	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	8.2–7.8 (28.7–30.2) / 5.8–5.3 (40.6–44.4) / 6.7–6.2 (35.1–37.9)
CO <sub>2</sub> emissions combined in grams per kilometer ( <i>g/mi</i> )	152–142 (244.6–228.5)
<b>Servicing / guarantee (Germany)</b>	
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	19 / 27 / 28
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	1695 (3736.8) / 1770 (3902.2) / 2300 (5070.6)
Front/rear axle load limit in kg ( <i>lb</i> )	1135 (2502.2) / not available
Rear axle load limit min. / max. in kg ( <i>lb</i> )	1215 (2678.6) / 1250 (2755.8)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	90 (198.4) / 95 (209.4)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters ( <i>US gal</i> )	8.3 (2.2)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	6.3 (6.7)
Fuel tank capacity in liters ( <i>US gal</i> )	63 (16.6)
Optional fuel tank capacity in liters ( <i>US gal</i> )	73 (19.3)
<b>Dimensions / body</b>	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	4 + 1
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.27 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	4969 (16.3) / 1908 (6.3) / 1422 (4.7) / -
Width including mirrors in mm ( <i>ft</i> )	2118 (6.9)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Overhang angle of steel springs, front/rear in degrees	12.40 / 14.10
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	669 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l ( <i>cu ft</i> )	Not available / 535 (18.9)

\* Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used

<b>Technical Data</b>		<b>Audi A7 Sportback 45 TFSI quattro S tronic (180 kW)</b>	
<b>Program for Germany</b>		Status: 12/13/2018	
<b>Engine / electrics</b>			
Engine type	Inline 4-cylinder engine		
Valve gear / number of valves per cylinder	Roller cam follower, continuous intake and exhaust camshaft adjustment / 2/2 inlet/exhaust valves per cylinder		
Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 9.6		
Max. power output in kW (hp) / at rpm	180 (245) / 5000 - 6500		
Max. torque in Nm (lb-ft) / at rpm	370 (272.9) / 1600 - 4300		
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	3.1		
On-board voltage 1 in volts	12		
<b>Drivetrain / transmission</b>			
Drive type	quattro all-wheel drive with ultra technology		
Type of center differential	Electronically controlled multi-plate clutch		
Type of rear axle differential	quattro ultra		
Clutch	Dual clutch		
Transmission type	7-speed S tronic / dual clutch		
Transmission ratio in 1st/2nd gear	3.188 / 2.190		
Transmission ratio in 3rd/4th gear	1.517 / 1.057		
Transmission ratio in 5th/6th gear	0.738 / 0.557		
Transmission ratio in 7th/8th gear	0.433 / -		
Reverse gear ratio / final drive ratio 1-2	2.750 / 4.410		
<b>Suspension / steering / brakes</b>			
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 progressive steering with speed-dependent power assistance		
Steering ratio min. / max.	- / 15.8		
Steering ratio min. / max. optional	- / 16.4		
Turning circle / turning circle optional in m (ft)	12.2 (40.0) / 11.1 (36.4)		
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)	225/55 R 18 102 Y - M+S		
Wheels (basic)	Cast aluminum 8.0Jx18"		
<b>Performance / acoustics</b>			
Top speed in km/h (mph)	250 (155.3)		
Governed	yes		
Acceleration, 0-100 km/h (0-62.1 mph)	6.2		
Fuel type / octane value	Gasoline / 95		
Fuel standard	EN228		
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)	69.4 / 69 / 66		

<b>Consumption / emissions*</b>	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	8.4–8.1 (28.0–29.0) / 5.7–5.4 (41.3–43.6) / 6.8–6.4 (34.6–36.8)
CO <sub>2</sub> emissions combined in grams per kilometer ( <i>g/mi</i> )	154–145 (247.8–233.4)
<b>Servicing / guarantee (Germany)</b>	
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	19 / 27 / 28
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	1750 (3858.1) / 1825 (4023.4) / 2375 (5236.0)
Front/rear axle load limit in kg ( <i>lb</i> )	1140 (2513.3) / not available
Rear axle load limit min. / max. in kg ( <i>lb</i> )	1305 (2877.0) / 1320 (2910.1)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	90 (198.4) / 95 (209.4)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters ( <i>US gal</i> )	8.3 (2.2)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	6.3 (6.7)
Fuel tank capacity in liters ( <i>US gal</i> )	63 (16.6)
Optional fuel tank capacity in liters ( <i>US gal</i> )	73 (19.3)
<b>Dimensions / body</b>	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	4 + 1
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.27 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	4969 (16.3) / 1908 (6.3) / 1422 (4.7) / -
Width including mirrors in mm ( <i>ft</i> )	2118 (6.9)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Overhang angle of steel springs, front/rear in degrees	12.40 / 14.10
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	669 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l ( <i>cu ft</i> )	Not available / 535 (18.9)

\* Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used

Technical Data		Audi A7 Sportback 55 TFSI (3.0) quattro S tronic 250 kW (MHEV)
Program for Germany	Date published: 01/02/2018	
<b>Engine / electronics</b>		
Engine type	V6 engine	
Valve gear / number of valves per cylinder	Roller cam followers, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder	
Displacement in cm <sup>3</sup> / 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 standard	EU 6	
Alternator in A / battery rated capacity in Ah	Not available / 70	
Max. electrical output at 12V in kilowatts	3	
Start-stop system / REM	yes / yes	
On-board voltage 1 in volts	12	
On-board voltage 2 in volts	48	
<b>Drivetrain / transmission</b>		
Drive type	quattro all-wheel drive with ultra technology	
Type of center differential	Electronically controlled multi-plate clutch	
Type of rear axle differential	Standard	
Clutch	Dual clutch	
Transmission type	7-speed S tronic / dual clutch	
Transmission ratio in 1st/2nd gear	3.188 / 2.190	
Transmission ratio in 3rd/4th gear	1.517 / 1.057	
Transmission ratio in 5th/6th gear	0.738 / 0.508	
Transmission ratio in 7th/8th gear	0.386 / -	
Reverse gear transmission ratio / final drive ratio 1-2	2.750 / 4.410	
<b>Suspension / steering / brakes</b>		
Type and design of front axle suspension	Five-link front axle; tubular anti-roll bar	
Type and design of rear axle suspension	Five-link rear axle; tubular anti-roll bar	
Steering	Electromechanical progressive steering with speed-dependent power assistance	
Steering ratio / optional steering ratio	15.8 / -	
Turning circle / optional turning circle in m (ft)	12.2 (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	
Tires (basic)	225/55 R 18 102 Y not available -	
Wheels (basic)	Cast aluminum 8.0Jx18"	
<b>Performance / consumption / acoustics</b>		
Top speed in km/h (mph)	250 (155.3)	
Governed	yes	
Acceleration, 0-100 km/h (0-62.1 mph)	5.3	
Fuel grade / 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)	74.0 / 69 / 67	
<b>Fuel consumption / emissions (according to tire size)</b>		
<b>Tire package A</b>		
Tire package A: designation	225/55 R18 102Y low rolling resistance, I93	
Tire package A fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	9.1 (25.8) / 5.4 (43.6) / 6.8 (34.6)	
Tire package A CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	206 (331.5) / 123 (197.9) / 154 (247.8)	
<b>Tire package B</b>		
Tire package B: designation	225/55 R18 102V AS, I95	
Tire package B fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	9.2 (25.6) / 5.6 (42.0) / 6.9 (34.1)	
Tire package B CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	209 (336.4) / 127 (204.4) / 157 (252.7)	
<b>Tire package C</b>		
Tire package C: designation	225/55 R18 102Y, I54	
Tire package C fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	9.2 (25.6) / 5.6 (42.0) / 6.9 (34.1)	
Tire package C CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	209 (336.4) / 127 (204.4) / 157 (252.7)	
<b>Tire package D</b>		
Tire package D: designation	245/45 R19 102Y, H2X	
Tire package D fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	9.2 (25.6) / 5.6 (42.0) / 7.0 (33.6)	
Tire package D CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	209 (336.4) / 128 (206.0) / 158 (254.3)	
<b>Tire package E</b>		
Tire package E: designation	255/40 R20 101Y, HH1	
Tire package E fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	9.3 (25.3) / 5.8 (40.6) / 7.1 (33.1)	
Tire package E CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	211 (339.6) / 132 (212.4) / 161 (259.1)	
<b>Tire package F</b>		
Tire package F: designation	255/35 R21 98Y, I56	
Tire package F fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	9.3 (25.3) / 5.9 (39.9) / 7.2 (32.7)	
Tire package F CO2 emissions urban/extra-urban/combined in grams per kilometer (g/mi)	212 (341.2) / 134 (215.7) / 163 (262.3)	

<b>Servicing / guarantee (Germany)</b>	
Service interval (mi)	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	19 / 28 / 28
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg (lb)	1815 (4001.4) / 1890 (4166.7) / 2470 (5445.4)
Gross weight limit min. / max. in kg (lb)	2470 (5445.4) / 2470 (5445.4)
Axle load limit at front/rear in kg (lb)	1255 (2766.8) / 1305 (2877.0)
Axle load limit at rear in kg (lb)	Not available
Axle load limit min. / max. in kg (lb)	1305 (2877.0) / 1335 (2943.2)
Trailer load limit on 8% / 12% gradient, braked // unbraked; in kg (lb)	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 (198.4) / 95 (209.4)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l (US gal)	10.7 (2.8)
Engine oil capacity, including filter (change volume) in liters (US qt)	7.6 (8.0)
Fuel tank capacity in liters (US gal)	63 (16.6)
Optional fuel tank capacity in liters (US gal)	73 (19.3)
<b>Dimensions / body</b>	
Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 4+1
Drag coefficient Cd / frontal area A in m <sup>2</sup> (sq ft)	0.27 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (ft)	4969 (16.3) / 1908 (6.3) / 1422 (4.7) / -
Width including mirrors in mm (ft)	2118 (6.9)
Wheelbase / track width front/rear in mm (ft)	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Overhang angle of steel springs front/rear in degrees	12.40 / 14.10
Overhang angle of air springs front/rear in degrees	-
Height of loading lip with steel springs / air springs in mm (ft)	669 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l (cu ft)	Not available / 535 (18.9)