

Audi A3 Sportback



35 TDI 110 kW

Engine / electrics

Engine type	Inline 4-cylinder 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	1968 / 81.0 x 95.5 / 16.0
Max. power output in kW (PS) / at rpm	110 (150) / 3000 - 4200
Max. torque in Nm (<i>lb-ft</i>) / at rpm	360 (265.5) / 1600 - 2750
Mixture preparation	Common rail fuel injection system, intercooler
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter
Emission standard	Euro 6d-ISC-FCM
Max. electrical output at 12V in kW	1.6
On-board voltage 1 in volts	12

Drivetrain / transmission

Drive type	Front-wheel drive
Clutch	Hydraulically actuated dry clutch, asbestos-/lead-free linings, dual-mass flywheel
Transmission type	6-speed manual gearbox
Transmission ratio in 1 st /2 nd gear	3.750 / 1.952
Transmission ratio in 3 rd /4 th gear	1.200 / 0.878
Transmission ratio in 5 th /6 th gear	0.711 / 0.604
Reverse gear ratio / final drive ratio 1-2 / 2-3	3.58 / 3.238 / -

Suspension / steering / brakes

Type and design of front-axle suspension	McPherson struts, front
Type and design of rear-axle suspension	4-link rear axle
Tires (basic)	205/55 R 16
Wheels (basic)	Alloy 7 J x 16"
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	14.9
Turning circle in m (<i>ft</i>)	11.1 (36.4)
Brake system	Dual-circuit brake system with diagonal split, ESC/ABS/EBD, brake booster, hydraulic brake assist

Performance / fuel / acoustics

Top speed in km/h (<i>mph</i>)	222 (137.9)
Acceleration, 0-100 km/h (0-62.1 <i>mph</i>)	8.5
Fuel type / octane value / fuel standard	Diesel / DIN EN 590
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	70.0 / 66

Consumption / emission*

Efficiency class	A+ - A
Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km (US mpg)	5.1 (46.1) / 3.5 - 3.2 (67.2 - 73.5) / 4.1 - 3.9 (57.4 - 60.3)
CO ₂ emissions, combined according to NEDC in g/km (g/mi)	107 - 102 (172.2 - 164.2)

Servicing / guarantee (Germany)

Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	16 / 22 / 23

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	1395 (3075.4) / 1470 (3240.8) / 1950 (4299.0)
Front / rear axle load limit in kg (lb)	1060 (2336.9) / 975 (2149.5)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	1800 (3968.3) / 1600 (3527.4) // 730 (1609.4)
Roof load limit / permissible nose weight in kg (lb)	75 (165.3) / 80 (176.4)

Capacities

Cooling system capacity (incl. heating) in l (US gal)	11.7 (3.1)
Engine oil capacity, including filter (change volume) in l (US qt)	5.5 (5.8)
Fuel tank capacity / optional in l (US gal)	50 (13.2) / -
AdBlue fuel tank capacity / optional in l (US gal)	12 (3.2) / -

Dimensions / body

Body type / number of doors / number of seats	Unitary steel / 5 / 5
Drag coefficient C _d / frontal area A in m ² (sq ft)	0.26 / 2.17 (23.4)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm (ft)	4343 (14.2) / 1816 (6.0) / 1449 (4.8) / -
Vehicle width, including mirrors, in mm (in)	1984 (6.5)
Wheelbase // track width front/rear in mm (ft)	2636 (8.6) // 1554 (5.1) / 1525 (5.0)
Overhang angle of steel springs, front / rear in degrees	13.10 / 13.90
Height of loading edge in mm (ft)	671 (2.2)
Open luggage compartment - behind the 2 nd seat row in l (cu ft)	380 (13.4)
Largest luggage capacity - behind the 1 st seat row in l (cu ft)	1200 (42.4)

*Fuel consumption and CO₂ emission figures given in ranges depend on the tires/wheels used