| Technical Data | A1 Sportback 35 TFSI |
|---|---|
| Program for Germany | Status: 12/13/2018 |
| Engine / electrics | |
| Engine type | Inline 4-cylinder engine |
| 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 | compensation / 2/2 inlet/exhaust valves per cylinder 1498 / 74.5 x 85.9 / 10.5 |
| Max. power output in kW / at rpm | 1498 / /4.5 x 85.9 / 10.5 110 / 5000 - 6000 |
| Max. torque in Nm / at rpm | 250 / 1500 - 3500 |
| Max. torque in Nm / at rpm Mixture preparation | 250 / 1500 - 3500 Direct injection, lambda control, knock control, turbocharger, intercooler |
| Mixture preparation Emissions standard | EU6 |
| Start-stop / REM | yes / yes |
| Start-stop / REM Battery in A / Ah | yes / yes 320 / 59 |
| Max. electrical output at 12V in kilowatts | 1.3 |
| On-board voltage 1 in volts | 1.3 |
| Drivetrain / transmission | |
| Drive type | Front-wheel drive |
| Clutch | Dual clutch |
| Transmission type | 7-speed S tronic / dual clutch |
| Transmission ratio in 1st/2nd gear | 3.500 / 2.087 |
| Transmission ratio in 3rd/4th gear | 1.343 / 0.933 |
| Transmission ratio in 5th/6th gear | 0.974 / 0.778 |
| Transmission ratio in 7th | 0.653 |
| Reverse gear ratio / final drive ratio 1-2 | 3.722 / 4.800 |
| Suspension / steering / brakes | |
| Type and design of front-axle suspension | McPherson struts, front |
| Type and design of rear-axle suspension | Compound link rear suspension |
| Steering | Electromechanical steering with speed-dependent power assistance |
| Turning circle in m | 10.5 |
| Brake control system | Dual-circuit brake system with diagonal split, ESC/ABS/EBD, brake booster, hydraulic brake assist |
| Tires (basic) | 215/45 R17 91W XL |
| Wheels (basic) | 7.5J X 17 |
| Performance / acoustics | |
| Top speed in km/h | 222 |
| Acceleration, 0-100 km/h | 7.7 |
| | |
| Fuel type / octane value | Gasoline / 95 |
| | Gasoline / 95 |
| Fuel type / octane value Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE | Gasoline / 95 |
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| Fuel type / octane value Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A) Consumption / emissions* Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers CO ₂ emissions combined in grams per kilometer Servicing / guarantee (Australia) Service interval Vehicle / paint / rust perforation guarantee Weights / loads Unladen weight without driver / with driver / gross weight limit in kg Front/rear axle load limit in kg Roof load limit in kg Capacities Cooling system capacity (incl. heating) in liters | Gasoline / 95 75.0 / 68 / 67 7.2 / 5.0 / 5.8 132 15,000 km / 1 year, whichever comes first 2 / 3 / 12 (years) 1165 / 1240 / 1705 935 / 805 75 |
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| Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A) Consumption / emissions* Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers CO2 emissions combined in grams per kilometer Servicing / guarantee (Australia) Service interval Vehicle / paint / rust perforation guarantee Weights / loads Unladen weight without driver / with driver / gross weight limit in kg Front/rear axle load limit in kg Roof load limit in kg Capacities Cooling system capacity (incl. heating) in liters Engine oil capacity, including filter (change volume) in liters Fuel tank capacity in liters Dimensions / body | Gasoline / 95 75.0 / 68 / 67 7.2 / 5.0 / 5.8 132 15,000 km / 1 year, whichever comes first 2 / 3 / 12 (years) 1165 / 1240 / 1705 935 / 805 75 7 4.3 40 |
| Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A) Consumption / emissions* Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers CO2 emissions combined in grams per kilometer Servicing / guarantee (Australia) Service interval Vehicle / paint / rust perforation guarantee Weights / loads Unladen weight without driver / with driver / gross weight limit in kg Front/rear axle load limit in kg Roof load limit in kg Capacities Cooling system capacity (incl. heating) in liters Engine oil capacity, including filter (change volume) in liters Fuel tank capacity in liters | Gasoline / 95 75.0 / 68 / 67 7.2 / 5.0 / 5.8 132 15,000 km / 1 year, whichever comes first 2 / 3 / 12 (years) 1165 / 1240 / 1705 935 / 805 75 7 4.3 40 - / 5 |
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| Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A) Consumption / emissions* Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers CO₂ emissions combined in grams per kilometer Servicing / guarantee (Australia) Service interval Vehicle / paint / rust perforation guarantee Weights / loads Unladen weight without driver / with driver / gross weight limit in kg Front/rear axle load limit in kg Roof load limit in kg Capacities Cooling system capacity (incl. heating) in liters Engine oil capacity, including filter (change volume) in liters Fuel tank capacity in liters Dimensions / body Body type / number of doors Number of seats Drag coefficient Cd / frontal area A in m² (sq ft) Standard dimensions (length / width excluding mirrors / height) in mm Width including mirrors in mm Wheelbase / track width front/rear in mm | Gasoline / 95 75.0 / 68 / 67 7.2 / 5.0 / 5.8 132 15,000 km / 1 year, whichever comes first 2 / 3 / 12 (years) 1165 / 1240 / 1705 935 / 805 75 7 4.3 40 - / 5 5 0.31 / 2.07 4029 / 1740 / 1433 1940 2563 / 1524 / 1501 |
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| Fuel type / octane value Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A) Consumption / emissions* Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers CO₂ emissions combined in grams per kilometer Servicing / guarantee (Australia) Service interval Vehicle / paint / rust perforation guarantee Weights / loads Unladen weight without driver / with driver / gross weight limit in kg Front/rear axle load limit in kg Roof load limit in kg Capacities Cooling system capacity (incl. heating) in liters Engine oil capacity, including filter (change volume) in liters Fuel tank capacity in liters Dimensions / body Body type / number of doors Number of seats Drag coefficient Cd / frontal area A in m² (sq ft) Standard dimensions (length / width excluding mirrors / height) in mm Width including mirrors in mm Wheelbase / track width front/rear in degrees Height of loading edge in mm | Gasoline / 95 75.0 / 68 / 67 7.2 / 5.0 / 5.8 132 15,000 km / 1 year, whichever comes first 2 / 3 / 12 (years) 1165 / 1240 / 1705 935 / 805 75 7 4.3 4.0 - / 5 5 0.31 / 2.07 4029 / 1740 / 1433 1940 2563 / 1524 / 1501 16.50 / 12.40 668 |

 $^{^{\}star}$ Fuel consumption and CO_2 emission figures given in ranges depend on the tires/wheels used