# Audi A5 Sedan

## TDI quattro 150 kW S tronic

### 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 / 15.5 |
| Max. power output in kW (PS) / at rpm | 150 (204) / 3800 – 4200 + up to 18 (24) (with MHEV plus technology) |
| Max. torque in Nm (lb-ft) / at rpm | 400 (295.0) / 1750 – 3250 |
| 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 6e-bis |
| Max. electrical output at 12V in kW | 3.3 |
| On-board voltage 1 in volts | 12 |
| On-board voltage 2 in volts | 48 |

### Drivetrain / transmission

| | |
|---|---|
| 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 | Hydraulically operated dual clutch (wet)Electronically controlled multi-plate clutch |
| Transmission type | 7-speed S tronic |
| Transmission ratio in $1^{st}/2^{nd}$ gear | 3.188 / 2.190 |
| Transmission ratio in $3^{rd}/4^{th}$ gear | 1.517 / 1.057 |
| Transmission ratio in $5^{th}/6^{th}$ gear | 0.738 / 0.508 |
| Transmission ratio in $7^{th}/8^{th}$ gear | 0.386 / - |
| Reverse gear ratio / final drive ratio 1-2 / 2-3 | 2.750 / 5.302 / - |

### Suspension / steering / brakes

| | |
|---|---|
| Type and design of front-axle suspension | 5-link front axle |
| Type and design of rear-axle suspension | 5-link rear axle |
| Tires (basic) | 225 / 55 R 17 |
| Wheels (basic) | Cast aluminum flow forming 7.5 J x 17 |
| Steering | Electromechanical progressive steering with speed-dependent power assistance |
| Steering ratio | 15.2 |
| Turning circle in m (ft) | 12.1 (39.7) |
| Brake system | ESC/ABS/EBD, brake booster, hydraulic brake assist; Front: floating calipers; Rear: floating calipers with integrated electronic parking brake |
| Brake disk diameter front / rear in mm (in) | 338 / 330 (13.3 / 13.0) |

### Performance / fuel

| | |
|---|---|
| Top speed in km/h (mph) | 241 (149.8) |
| Acceleration, 0-100 km/h (0-62.1 mph) | 6.9 |
| Fuel type / octane value / fuel standard | Diesel / DIN EN 590 |

## Comsumption / emission[1]

| | |
|---|---|
| Fuel consumption, combined in l/100 km (US mpg) | 5.8 – 5.1 (40.6 – 46.1) |
| $CO_2$ emissions, combined in g/km (g/mi) | 151 – 134 (243.0 – 215.7) |
| $CO_2$ class | E – D |

## 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:<br>third party / fully comprehensive / part-comprehensive | 19 / 26 / 25 |

## Weights / loads

| | |
|---|---|
| Unladen weight without driver / with driver / gross weight limit in kg (lb) | 1885 / 1960 / 2470 (4155.7 / 4321.1 / 5445.4) |
| Front / rear axle load limit in kg (lb) | 1245 / 1315 (2744.8 / 2899.1) |
| Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb) | 2000 / 1800 // 750 (4409.2 /3968.3 // 1653.5) |
| Roof load limit / permissible nose weight in kg (lb) | 90 / 80 (198.4 / 176.4) |

## Capacities

| | |
|---|---|
| Cooling system capacity (incl. heating) in l (US gal) | 18.7 (4.9) |
| Engine oil capacity, including filter (change volume) in l (US qt) | 5.5 (5.8) |
| Fuel tank capacity / optional in l (US gal) | 60 (15.9) / - |
| AdBlue fuel tank capacity / optional in l (US gal) | 20 (5.3) / - |

## Dimensions[2] / body

| | |
|---|---|
| Body type / number of doors / number of seats | Unitary steel/aluminum composite construction / 5 / 5 |
| Drag coefficient $C_d$ / frontal area A in $m^2$ (sq ft) | 0.27 / 2.30 (24.8) |
| Vehicle height from – to in mm (ft) | 1410 – 1461 (4.6 – 4.8) |
| Vehicle length from – to in mm (ft) | 4829 – 4835 (15.8 – 15.9) |
| Vehicle width, without mirrors, from – to in mm (ft) | 1860 – 1860 (6.1 – 6.1) |
| Vehicle width, including mirrors, in mm (ft) | 2099 (6.9) |
| Wheelbase (full load) from – to // track width front/rear in mm (ft) | 2897 – 2902 // 1618 / 1605 (9.5 – 9.5 // 5.3 / 5.3) |
| Overhang angle, front / rear in degrees | 14.2 / 18.3 |
| Height of loading edge from – to in mm (ft) | 640 – 672 (2.1 – 2.2) |
| Luggage compartment behind the 2nd seat row in l (cu ft) | 417 (14.7) |
| Largest luggage capacity behind the 1st seat row in l (cu ft) | 1271 (44.9) |

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**[1] Additional equipment and accessories (attachments, tire size, etc.) may change relevant vehicle parameters, such as weight, rolling resistance and aerodynamics, and, alongside weather and traffic conditions as well as individual driving style, may affect a vehicle's fuel consumption, $CO_2$ emissions and performance figures.**

**[2] Value range taking into account different chassis and equipment lines in relation to the basic model.**