

## Technical Data – Audi A6 Avant 2.0 TDI ultra S tronic (140 kW)

Program for Germany

Status: April 2016

|  |   |
|--|---|
| <b>Engine / electronics</b>  |   |
| Engine type  | Inline four-cylinder diesel engine with VTG turbocharger, DOHC, TDI direct injection  |
| Valve gear / number of valves per cylinder   | Cam followers with hydraulic valve-play compensation / 4  |
| Displacement in cc / bore x stroke in mm / compression   | 1968 / 81.0 x 95.5 / 15.5   |
| Max. power output in kW (hp) / at rpm  | 140 (190) / 3800 - 4200   |
| Max. torque in Nm (lb-ft) / at rpm   | 400 (295.0) / 1750 - 3000   |
| Mixture preparation  | Common rail injection system, 2000 bar with solenoid injectors, direct injection with eight-hole nozzles, VTG turbocharger with indirect intercooler; swirl and tangential intake ports; volume, injection start, charge pressure, variable valve train, low-pressure and high-pressure EGR control |
| Exhaust emission control   | Oxidizing catalytic converter, SCR catalytic converter, water-cooled exhaust gas recirculation, coated maintenance-free diesel particulate filter   |
| 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   | Front-wheel drive   |
| Clutch   | Hydraulically operated wet dual clutch axially arranged, dual-mass flywheel with centrifugal pendulum   |
| Transmission type  | 7-speed dual-clutch transmission  |
| Gear ratio in 1st gear / 2nd gear  | 3.188 / 2.190   |
| Gear ratio in 3rd gear / 4th gear  | 1.517 / 1.057   |
| Gear ratio in 5th gear / 6th gear  | 0.738 / 0.508   |
| Gear ratio in 7th gear / 8th gear  | 0.386 / -   |
| Reverse gear / final drive ratio   | 2.750 / 4.234   |
| <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) (ft)  | Electromechanical steering with speed-dependent power assistance / 16.1 / 11.9 (39.0)   |
| Brake system   | Dual-circuit brake system with diagonal split, electronic stabilization control (ESC), brake booster, hydraulic brake assist; front: ventilated disks, aluminum composite floating calipers; rear: solid disks, cast floating calipers with electromechanical parking brake                         |
| Wheels / tires (basic)   | 8 J x 17 forged aluminum wheels, 225/55 R17 tires   |
| <b>Performance / consumption / acoustics</b>   |   |
| Top speed in km/h (mph)  | 226 (140.4)   |
| Acceleration, 0-100 km/h (0-62.1 mph) in s   | 8.5   |
| Fuel / octane value  | Diesel according to EN 590 / -  |
| Idling / drive-past exterior noise level in dB (A)   | 68 / 70   |
| <b>Consumption / emissions (according to tire size)</b>  |   |
| <b>Tire category 1</b>   | 17-inch (standard wheel)  |
| Fuel consumption: city / highway / combined, in l/100 km (US mpg)                                      | 4.9 (48.0) / 4.1 (57.4) / 4.4 (53.5)  |
| CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)                                | 128 (206.0) / 107 (172.2) / 114 (183.5)   |
| <b>Tire category 2</b>   | 17-inch to 18-inch  |
| Fuel consumption: city / highway / combined, in l/100 km (US mpg)                                      | 4.9 (48.0) / 4.1 (57.4) / 4.4 (53.5)  |
| CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)                                | 129 (207.6) / 108 (173.8) / 115 (185.1)   |
| <b>Tire category 3</b>   | 19-inch   |
| Fuel consumption: city / highway / combined, in l/100 km (US mpg)                                      | 5.0 (47.0) / 4.2 (56.0) / 4.5 (52.3)  |
| CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)                                | 132 (212.4) / 111 (178.6) / 118 (189.9)   |
| <b>Tire category 4</b>   | 20-inch   |
| Fuel consumption: city / highway / combined, in l/100 km (US mpg)                                      | 5.1 (46.1) / 4.3 (54.7) / 4.6 (51.1)  |
| CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)                                | 135 (217.3) / 114 (183.5) / 121 (194.7)   |
| <b>Servicing / guarantee (Germany)</b>   |   |
| Service inspection after max. km (mi)  | 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            | 16 / 21 / 27  |
| <b>Weights / loads</b>   |   |
| Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (lb) | 1725 (3803.0) / 1800 (3968.3) / 2355 (5191.9)   |
| Axle load limit at front / rear in kg (lb)   | 1190 (2623.5) / 1305 (2877.0)   |
| Trailer load limit on 8% / 12% gradient, braked / unbraked in kg (lb)                                  | 2000 (4409.2) / 1900 (4188.8) / 750 (1653.5)  |
| Roof load limit / permissible nose weight in kg (lb)   | 100 (220.5) / 85 (187.4)  |
| <b>Capacities</b>  |   |
| Cooling system capacity (incl. heating) in l (US gal)  | 12.0 (3.2)  |
| Engine oil capacity (including filter) in l (US qt)  | 4.7 (5.0)   |
| Fuel tank capacity in l (US gal)   | 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 / 5  |
| Drag coefficient Cd / frontal area A in m <sup>2</sup> (sq ft)   | 0.30 / 2.33 (25.1)  |
| Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (ft)                            | 4943 (16.2) / 1874 (6.1) / 1461 (4.8)<br>(with roof-mounted aerial the vehicle height increases by 21 mm (0.8 in))  |
| Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (ft)                                      | 2912 (9.6) / 1627 (5.34) / 1618 (5.31)  |
| Height of loading lip (H196) in mm (ft)  | 632 (2.1) (unladen)   |
| Luggage capacity / with rear seat bench folded in l (cu ft)  | 565 (20.0) / 1680 (59.3)  |