

Technical Data – Audi A6 2.0 TFSI S tronic (185 kW)

Program for Germany

Status: December 2015

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| Engine / electronics | |
| Engine type | Inline 4-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger and Audi valvelift system |
| Valve gear / number of valves per cylinder | Roller cam followers; continuous intake and exhaust camshaft adjustment; exhaust valve stroke adjustment AVS / 4 |
| 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 | 185 (252) / 5000 - 6000 |
| Max. torque in Nm (lb-ft) / at rpm | 370 (272.9) / 1600 - 4500 |
| Mixture preparation | Sequential high-pressure direct and multipoint manifold injection with adaptive idle-charge control, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution via single-spark coils, cylinder-selective adaptive knock control; manifold pressure measurement, active boost-pressure control via an electric wastegate actuator |
| Exhaust emission control | Close-coupled ceramic catalytic converter, oxygen sensor in front of turbocharger and behind catalytic converter |
| Emissions class | EU 6 |
| Alternator in A / battery in A/Ah | 100 - 150 (air-cooled) / 380/68 |
| Start-stop system | Switches the engine off if the vehicle is stationary and the brake is engaged. |
| Drivetrain / transmission | |
| 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 / 0.557 |
| Gear ratio in 7th gear / 8th gear | 0.433 / - |
| Reverse gear / final drive ratio | 2.750 / 4.410 |
| Suspension / steering / brakes | |
| 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 floating calipers; rear: ventilated disks, cast floating calipers with electromechanical parking brake |
| Wheels / tires (basic) | 8 J x 17 forged aluminum wheels, 225/55 R17 tires |
| Performance / consumption / acoustics | |
| Top speed in km/h (mph) | 250 (155.3) |
| Acceleration, 0-100 km/h (0-62.1 mph) in s | 6,7 |
| Fuel / octane value | Premium sulfur-free according to EN 228 / E25 95 RON / 95 RON |
| Idling / drive-past exterior noise level in dB (A) | 77 / 71 |
| Consumption / emissions (according to tire size) | |
| Tire category 1 | 17-inch to 18-inch |
| Fuel consumption: city / highway / combined, in l/100 km (US mpg) | 7.4 (31.8) / 5.1 (46.1) / 5.9 (39.9) |
| CO ₂ mass emission city / highway / combined, in g/km (g/mi) | 171 (275.2) / 117 (188.3) / 137 (220.5) |
| Tire category 2 | 19-inch |
| Fuel consumption: city / highway / combined, in l/100 km (US mpg) | 7.4 (31.8) / 5.1 (46.1) / 5.0 (47.0) |
| CO ₂ mass emission city / highway / combined, in g/km (g/mi) | 173 (278.4) / 119 (191.5) / 139 (223.7) |
| Tire category 3 | 20-inch |
| Fuel consumption: city / highway / combined, in l/100 km (US mpg) | 7.5 (31.4) / 5.3 (44.4) / 6.1 (38.6) |
| CO ₂ mass emission city / highway / combined, in g/km (g/mi) | 175 (281.6) / 122 (196.3) / 142 (228.5) |
| Servicing / guarantee (Germany) | |
| 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 | 19 / 25 / 24 |
| Weights / loads | |
| Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (lb) | 1595 (3516.4) / 1670 (3681.7) / 2175 (4795.1) |
| Axle load limit at front / rear in kg (lb) | 1155 (2546.3) / 1145 (2524.3) |
| Trailer load limit on 8% / 12% gradient, braked / unbraked in kg (lb) | 1800 (3968.3) / 1600 (3527.4) / 750 (1653.5) |
| Roof load limit / permissible nose weight in kg (lb) | 100 (220.5) / 85 (187.4) |
| Capacities | |
| Cooling system capacity (incl. heating) in l (US gal) | 8.5 (2.2) |
| Engine oil capacity (including filter) in l (US qt) | 4.7 (5.0) |
| Fuel tank capacity in l (US gal) | 65 (17.2) / optional 75 (19.8) |
| Body / dimensions | |
| 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 ² (sq ft) | 0.28 / 2.33 (25.1) |
| Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (ft) | 4933 (16.2) / 1874 (6.1) / 1455 (4.8) (with roof-mounted aerial the vehicle height increases by 13 mm (0.5 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) | 674 (2.2) (unladen) |
| Luggage capacity / with rear seat bench folded in l (cu ft) | 530 (18.7) / 995 (35.1) |