

Technical Data – Audi A6 3.0 TDI clean diesel biturbo quattro tiptronic (235 kW)

Program for Australia

Status: March 2015

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| Engine / electronics | |
| Engine type | V6 engine with 90° V angle |
| Valve gear / number of valves per cylinder | Roller cam followers with hydraulic valve play compensation / 4 |
| Displacement in cc / bore x stroke in mm / compression | 2967 / 83.0 x 91.4 / 15.5 |
| Max. power output in kW / at rpm | 235 / 3900 - 4600 |
| Max. torque in Nm / at rpm | 650 / 1400 - 2800 |
| Mixture preparation | Common rail injection system (piezo injectors, max. 2000 bar), direct injection, eight-hole nozzles, regulated 2-stage turbocharger with intercooler; swirl and tangential intake ports, central swirl flap |
| Exhaust emission control | Oxidizing primary catalytic converter, water-cooled exhaust gas recirculation, maintenance-free diesel particulate filter combined with an SCR system |
| 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. |
| Drivetrain / transmission | |
| Drive type | quattro permanent all-wheel drive |
| Clutch | Hydraulic torque converter with lock-up clutch |
| Transmission type | 8-speed tiptronic with DSP and sport program |
| Gear ratio in 1st gear / 2nd gear | 4.714 / 3.143 |
| Gear ratio in 3rd gear / 4th gear | 2.106 / 1.667 |
| Gear ratio in 5th gear / 6th gear | 1.285 / 1.000 |
| Gear ratio in 7th gear / 8th gear | 0.839 / 0.667 |
| Reverse gear / final drive ratio | 3.317 / 2.375 |
| 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) | Electromechanical steering with speed-dependent power assistance / 16.1 / 11.9 |
| Brake system | Dual-circuit brake system with diagonal split, electronic stabilization control ESC, brake servo, hydraulic brake assist; front: ventilated disks, aluminum floating calipers; rear: ventilated disks, cast floating calipers with electromechanical parking brake |
| Wheels / Tyres | 19 inch alloy wheels with 255/40 R19 tyres |
| Performance / consumption / acoustics | |
| Top speed in km/h (<i>mph</i>) | 250 (governed) |
| Acceleration, 0-100 km/h in sec | 5.0 |
| Fuel / octane value | Diesel, sulfur-free, according to DIN EN 590 / - |
| Idling / drive-past exterior noise level in dB | 84 / 74 |
| Consumption / emissions (according to tire size) | |
| As per ADR (81/02) | |
| Tire category 2: 19-inch | |
| Fuel consumption: city / highway / combined, in l/100 km | 7.4 / 5.4 / 6.1 |
| CO ₂ mass emission city / highway / combined, in g/km | 194 / 142 / 161 |
| Tire category 3: 20-inch and 21-inch | |
| Fuel consumption: city / highway / combined, in l/100 km | 7.5 / 5.5 / 6.2 |
| CO ₂ mass emission city / highway / combined, in g/km | 196 / 145 / 164 |
| Servicing / warranty (Australia) | |
| Service intervals | Every 15,000km or 12 months |
| Vehicle / paint / rust perforation guarantee | 3 years with unlimited kilometres / 3 years / 12 years |
| Weights / loads | |
| Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg | 1835 / 1910 / 2445 |
| Axle load limit at front / rear in kg | 1305 / 1250 |
| Trailer load limit on 8% / 12% gradient, braked / unbraked, in kg | 2100 / 2100 / 750 |
| Roof load limit / permissible nose weight in kg | 100 / 85 |
| Capacities | |
| Cooling system capacity (incl. heating) in l | 11.5 |
| Engine oil capacity (including filter) in l | 8 |
| Fuel tank capacity in l | 73 |
| 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 | 0.28 / 2.33 |
| Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm | 4933 / 1874 / 1455 (with roof-mounted aerial the vehicle height increases by 13 mm) |
| Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm | 2912 / 1627 / 1618 |
| Height of loading lip (H196) in mm | 674 (unladen) |
| Luggage compartment volume / with rear seat bench folded in l | 530 / 995 |