## Technical Data

### Audi A6 Sedan 50 TDI quattro tiptronic (210 kW)

**Program for Germany**

**Status:** 04/10/2018

### Engine / electronics

<table>
<thead>
<tr>
<th>Engine type</th>
<th>V6 engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve gear / number of valves per cylinder</td>
<td>Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 intake/exhaust valves per cylinder</td>
</tr>
<tr>
<td>Displacement in cm³ / bore x stroke in mm / compression</td>
<td>2967 / 83.0 x 91.4 / 16.0</td>
</tr>
<tr>
<td>Max. power output in kW (hp) / at rpm</td>
<td>210 (286) / 3,500 – 4,000</td>
</tr>
<tr>
<td>Max. torque in Nm (lb-ft) / at rpm</td>
<td>620 (457.3) / 2,250 – 3,000</td>
</tr>
<tr>
<td>Mixture preparation</td>
<td>Common rail fuel injection system</td>
</tr>
<tr>
<td>Exhaust emission control</td>
<td>Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation</td>
</tr>
<tr>
<td>Engine / electronics</td>
<td>EU6</td>
</tr>
</tbody>
</table>

### Drivetrain / transmission

<table>
<thead>
<tr>
<th>Drive type</th>
<th>quattro permanent all-wheel drive with self-locking center differential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of center differential</td>
<td>Self-locking</td>
</tr>
<tr>
<td>Clutch</td>
<td>Hydraulic torque converter with lock-up clutch</td>
</tr>
<tr>
<td>Transmission type</td>
<td>8-speed tiptronic / automatic</td>
</tr>
<tr>
<td>Transmission ratio in 1st/2nd gear</td>
<td>5.000 / 3.200</td>
</tr>
<tr>
<td>Transmission ratio in 3rd/4th gear</td>
<td>2.143 / 1.720</td>
</tr>
<tr>
<td>Transmission ratio in 5th/6th gear</td>
<td>1.313 / 1.000</td>
</tr>
<tr>
<td>Transmission ratio in 7th/8th gear</td>
<td>0.823 / 0.640</td>
</tr>
<tr>
<td>Reverse gear transmission ratio / final drive ratio 1-2</td>
<td>3.478 / 2.624</td>
</tr>
</tbody>
</table>

### Suspension / steering / brakes

| Type and design of front axle suspension | Five-link front suspension; tubular anti-roll bar |
| Type and design of rear axle suspension | Five-link rear axle suspension; tubular anti-roll bar |
| Steering | Electromechanical progressive steering with speed-dependent power assistance |
| Turning circle / optional turning circle in m (ft) | -11.1 (36.4) |

### Brake control system

| Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist |

### Wheels (basic)

<table>
<thead>
<tr>
<th>Type</th>
<th>Cast aluminum 8.0Jx18&quot;</th>
</tr>
</thead>
</table>

### Exterior noise level when stationary / passing as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)

| Tire package A | 69.9 / 68 / 69 |
| Tire package B | 71.3 / 70 / 70 |
| Tire package C | 72.0 / 71 / 71 |
| Tire package D | 72.5 / 72 / 72 |

### Fuel consumption / emissions (according to tire size)

| Tire package A | 225/55 R18 102 Y: 6.1 (38.8) / 5.6 (42.8) |
| Tire package B | 225/50 R17 98 Y: 6.2 (37.9) / 5.2 (45.2) / 5.6 (42.0) |
| Tire package C | 225/55 R18 102 Y: 6.2 (37.9) / 5.2 (45.2) / 5.6 (42.0) |
| Tire package D | 225/40 R20 101 Y: 6.4 (36.8) / 5.4 (43.6) / 5.8 (40.6) |

### Performance / consumption / acoustics

| Top speed in km/h (mph) | 250 (155.3) |
| Acceleration, 0-100 km/h (0-62.1 mph) | 5.5 |
| Fuel grade / octane value | Diesel / - |
| Exterior noise level when stationary / passing as per ECE R51.02 / drive-past as per ECE R51.03 in db (A) | 69.9 / 68 / 69 |

### Performance / consumption / acoustics

| Performance / consumption / acoustics | 225/55 R18 102 Y: 6.1 (38.8) / 5.6 (42.8) |
| Tire package A CO2 emissions city/highway/combined in grams per kilometer (g/mi) | 158 (244.3) / 135 (214.0) / 142 (226.5) |
| Tire package B CO2 emissions city/highway/combined in grams per kilometer (g/mi) | 158 (244.3) / 135 (214.0) / 142 (226.5) |
| Tire package C CO2 emissions city/highway/combined in grams per kilometer (g/mi) | 158 (244.3) / 135 (214.0) / 142 (226.5) |
| Tire package D CO2 emissions city/highway/combined in grams per kilometer (g/mi) | 158 (244.3) / 135 (214.0) / 142 (226.5) |
### Servicing / guarantee (Germany)

<table>
<thead>
<tr>
<th>Service interval (mi)</th>
<th>30,000 km (18,641.1 mi) / 2 years, whichever comes first</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle / paint / rust perforation guarantee</td>
<td>2 / 3 / 12 (years)</td>
</tr>
<tr>
<td>Insurance classification in Germany: third party / fully comprehensive / part-comprehensive</td>
<td>20 / 28 / 28</td>
</tr>
</tbody>
</table>

### Weights / loads

<table>
<thead>
<tr>
<th>Unladen weight without driver / with driver / gross weight limit in kg (lb)</th>
<th>1,825 (4,023.4) / 1,900 (4,188.8) / 2,475 (5,456.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight limit min. / max. in kg (lb)</td>
<td>2,475 (5,456.4) / 2,475 (5,456.4)</td>
</tr>
<tr>
<td>Front/rear axle load limit in kg (lb)</td>
<td>1,265 (2,788.8) / -</td>
</tr>
<tr>
<td>Optional rear axle load limit in kg (lb)</td>
<td>Not available</td>
</tr>
<tr>
<td>Rear axle load limit min. / max. in kg (lb)</td>
<td>1,305 (2,877.0) / 1,345 (2,965.2)</td>
</tr>
<tr>
<td>Trailer load limit on 8% / 12% gradient, braked / unbraked; in kg (lb)</td>
<td>2,000 (4,409.2) / 2,000 (4,409.2) / 750 (1,653.5)</td>
</tr>
<tr>
<td>Roof load limit / permissible nose weight in kg (lb)</td>
<td>90 (198.4) / 95 (209.4)</td>
</tr>
<tr>
<td>Optional nose weight limit in kg (lb)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### Capacities

<table>
<thead>
<tr>
<th>Cooling system capacity (including heating) in l (US gal)</th>
<th>11.6 (3.1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil capacity, including filter (change volume) in liters (US qt)</td>
<td>6.1 (6.4)</td>
</tr>
<tr>
<td>Fuel tank capacity in liters (US gal)</td>
<td>63 (16.6)</td>
</tr>
<tr>
<td>Optional fuel tank capacity in liters (US gal)</td>
<td>73 (19.3)</td>
</tr>
</tbody>
</table>

### Dimensions / body

<table>
<thead>
<tr>
<th>Body type / number of doors / number of seats</th>
<th>Unitary steel/aluminum composite construction / 4 / 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drag coefficient C\textsubscript{d} / frontal area A in m\textsuperscript{2} (sq ft)</td>
<td>0.26 / 2.33 (25.1)</td>
</tr>
<tr>
<td>Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (ft)</td>
<td>4,909 (16.2) / 1,886 (6.2) / 1,457 (4.8) / -</td>
</tr>
<tr>
<td>Width including mirrors in mm (ft)</td>
<td>2,110 (6.9)</td>
</tr>
<tr>
<td>Wheelbase / track width front/rear in mm (ft)</td>
<td>2,924 (9.6) / 1,630 (5.35) / 1,617 (5.31)</td>
</tr>
<tr>
<td>Overhang angle of steel springs front/rear in degrees</td>
<td>11.80 / 14.90</td>
</tr>
<tr>
<td>Overhang angle of air springs front/rear in degrees</td>
<td>-</td>
</tr>
<tr>
<td>Height of loading edge with steel springs / air springs in mm (ft)</td>
<td>676 (2.2) / -</td>
</tr>
<tr>
<td>Luggage capacity behind 2nd seat bench, open / closed in l (cu ft)</td>
<td>Not available / 530 (18.7)</td>
</tr>
</tbody>
</table>