## Technical Specifications

### ENGINE:
- **Type**: V6, spark-ignition direct injection
- **Arrangement**: Front mounted, longitudinal
- **Bore**: 3.37 in. (85.5 mm)
- **Stoke**: 3.65 in. (92.8 mm)
- **Displacement**: 195 cu. in. (3197 cc)
- **Compression ratio**: 12.5:1
- **Fuel requirement**: Premium unleaded (91 AKI) recommended for maximum performance
- **Horsepower (SAE)**: 265 hp @ 6500 rpm
- **Max. Torque**: 243 lbs. ft. @ 3250 rpm

### ENGINE DESIGN:
- **Cylinder block**: Aluminium alloy
- **Cylinder head**: Aluminium alloy
- **Valve train / intake**: Audi valvelift system; 2-stage intake valve lift; variable valve timing
- **Firing order**: 1 - 4 - 3 - 6 - 2 - 5
- **Fuel injection / Ignition system**: Full electronic management with drive-by-wire throttle control, petrol direct injection, cylinder-selective lambda control; mapped ignition with solid-state high-voltage distribution, manifold-pressure controlled system
- **Emission system**: Two close-coupled ceramic main catalytic converters

### ELECTRICAL SYSTEM:
- **Battery**: 12 volts, 110 amp/hr
- **Alternator**: 14 volts, 180 amp

### DRIVETRAIN:
- **Transmission**: Multitronic CVT
- **FrontTrak multitronic CVT**
- **Gear ratios**:
  - 1st: 2.510:1
  - 2nd: 1.476:1
  - 3rd: 1.095:1
  - 4th: 0.820:1
  - 5th: 0.636:1
  - 6th: 0.500:1
  - 7th: 0.382:1
  - Reverse: 2.510:1
  - Final Drive: 4.877:1
- **Front Differential**: Hypoid gear, electronically locking (EDL)
- **Center Differential**
- **Rear Differential**

### STEERING:
- **Type**: Vehicle speed-sensitive power rack and pinion
- **Ratio**: 16.1:1
- **Turns (lock-to-lock)**: 2.74
- **Turning circle (curb-to-curb)**: 39.0 ft. (11.9 m)

### SUSPENSION:
- **Front**: Four link, anti roll bar, twin-tube-gas-filled shock absorbers
- **Rear**: Trapezoidal-link, twin-tube-gas-filled shock absorbers

### BRAKES:
- **Electronic stability program (ESP 8) with anti-lock brake, electronic rear brake pressure proportioning, vacuum power assist, asbestos free linings, dual diagonal circuits**
- **Front, size and type**: 12.6 in. (321 mm) - Ventilated disc
- **Rear, size and type**: 11.9 in. (302 mm) - Solid disc
## Technical Specifications (continued) 2011 Audi A6 3.2 FSI

### BODY:
- Material: galvanized steel (Hood and front fenders are aluminum)
- Corrosion protection: Multi-step anti-corrosion protection (12 year limited warranty against corrosion perforation)

### WARRANTY/MAINTENANCE:
- 4-Year/50,000 mile new vehicle limited warranty
- 12-Month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance

### CAPACITIES:

<table>
<thead>
<tr>
<th>Material</th>
<th>Engine oil</th>
<th>Fuel tank</th>
<th>Cooling system</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6.0 qt. 6.5 liter</td>
<td>21.1 gal. 80 liter</td>
<td>10.1 qt. 9.6 liter</td>
</tr>
</tbody>
</table>

### EXTERIOR DIMENSIONS:

<table>
<thead>
<tr>
<th>Model</th>
<th>Wheelbase</th>
<th>Track: front / rear</th>
<th>Overall length</th>
<th>Overall width</th>
<th>Height (unloaded)</th>
<th>Ground clearance (loaded)</th>
<th>Curb weight man. / auto.</th>
<th>Drag coefficient Cw</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>111.9 in. 2843 mm</td>
<td>63.5 / 63.7 in. 1612 / 1618</td>
<td>193.5 in. 4916 mm</td>
<td>79.2 in. 2012 mm</td>
<td>57.4 in. 1459 mm</td>
<td>4.6 in. 118 mm</td>
<td>3858 lbs.</td>
<td>0.29</td>
</tr>
</tbody>
</table>

### INTERIOR DIMENSIONS:

<table>
<thead>
<tr>
<th>Model</th>
<th>Sedan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seating Capacity</td>
<td>5</td>
</tr>
<tr>
<td>Head room</td>
<td>38.7 in. 982 mm / 37.8 in. 959 mm</td>
</tr>
<tr>
<td>w/sunroof</td>
<td>37.5 in. 952 mm / 37.8 in. 960 mm</td>
</tr>
<tr>
<td>Shoulder room</td>
<td>57.1 in. 1450 mm / 55.9 in. 1421 mm</td>
</tr>
<tr>
<td>Leg room</td>
<td>41.3 in. 1050 mm / 36.9 in. 938 mm</td>
</tr>
<tr>
<td>Int. vol. (EPA)</td>
<td>52.8 cu ft / 45.14 cu ft = total of 97.94 cu. ft.</td>
</tr>
<tr>
<td>Int. vol. (EPA)</td>
<td>51 cu ft / 45.19 cu ft = total of 96.19 cu. ft. (with sunroof)</td>
</tr>
<tr>
<td>Luggage capacity (EPA)</td>
<td>15.9 cu. ft.</td>
</tr>
</tbody>
</table>

### PERFORMANCE:

<table>
<thead>
<tr>
<th>Model</th>
<th>0-50 mph (0-80kmh)</th>
<th>0-60 mph (0-100 km/h)</th>
<th>1/4 mile</th>
<th>Top speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5.3</td>
<td>6.9</td>
<td>15.2</td>
<td>Electronically limited to 130 mph (209 km/h) on all A6 models</td>
</tr>
</tbody>
</table>

### FUEL ECONOMY:

<table>
<thead>
<tr>
<th>Model</th>
<th>City</th>
<th>Highway</th>
<th>Combined</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>21 mpg</td>
<td>30 mpg</td>
<td>24 mpg</td>
</tr>
</tbody>
</table>