

## 2008 Audi A5 3.2 FSI Technical Specifications



| Technical Specifications      |   | 2008 A5 3.2 FSI |
|-------------------------------|---|-----------------|
| <b>ENGINE:</b>                |   |                 |
| Type                          | V6 gasoline direct injection DOHC   |                 |
| Arrangement                   | Front mounted, longitudinal   |                 |
| Bore                          | 3.3268 in.  | 84.5 mm         |
| Stroke                        | 3.6535 in.  | 92.8 mm         |
| Displacement                  | 195.09 cu. in.  | 3197 cc         |
| Compression ratio             | 12.5:1  |                 |
| Fuel requirement              | Unleaded Super, 95 RON (unleaded regular, 91 RON, as an alternative with slight reduction in performance)       |                 |
| Horsepower (SAE)              | 265 hp @  | 6500 rpm        |
| Max. Torque                   | 243 lb-ft @   | 3250-5000 rpm   |
| <b>ENGINE DESIGN:</b>         |   |                 |
| Cylinder block                | Aluminum alloy  |                 |
| Cylinder head                 | Aluminum alloy  |                 |
| Valve train / intake          | DOHC, two-stage intake manifold, Audi Valvelift System two-stage variable intake valve lift                     |                 |
| Cooling system                | Water-cooled, thermostatically controlled radiator fan  |                 |
| Fuel injection                | Fully electronic engine management with FSI direct injection  |                 |
| Emission system               | Catalytic converters with oxygen sensors  |                 |
| <b>ELECTRICAL SYSTEM:</b>     |   |                 |
| Battery                       | 12 volts  | 95 amp x h      |
| Alternator                    | 14 volts  | 150 amp x h     |
| <b>DRIVETRAIN:</b>            |   |                 |
| Transmission                  | 6-speed manual transmission with synchromesh on all gears, hydraulic single-disc clutch with dual mass flywheel |                 |
|                               | 6-speed Tiptronic automatic transmission  |                 |
|                               |   |                 |
|                               |   |                 |
| Gear ratios:                  | 1st   | 3.667           |
|                               | 2nd   | 2.053           |
|                               | 3rd   | 1.423           |
|                               | 4th   | 1.065           |
|                               | 5th   | 0.853           |
|                               | 6th   | 0.730           |
|                               | Reverse   | 3.400           |
|                               | Final Drive front / rear  | 3.889           |
| Front Differential            | Hypoid gear, electronically locking (EDL)   |                 |
| Center Differential           | Self-locking center differential with asymmetric/dynamic torque split 40F/60R                                   |                 |
| Rear Differential             | Hypoid gear, electronically locking (EDL)   |                 |
| <b>STEERING:</b>              |   |                 |
| Type                          | Rack and pinion with Servotronic electric power assist  |                 |
| Ratio                         | 16.3:1  |                 |
| Turning circle (curb-to-curb) | 37.4 ft.  | 11.4 m          |
| <b>SUSPENSION:</b>            |   |                 |
| Front                         | 5-link front suspension with upper and lower wishbones  |                 |
| Rear                          | Trapezoidal link independent rear suspension with anti-dive compensation  |                 |

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| Technical Specifications (continued)   |  | 2008 A5 3.2 FSI     |  |
|--|--|---------------------|--|
| <b>BRAKES:</b>                         |  |                     |  |
| Service brake                          | Dual-circuit brake system with diagonal split, ESP with electronic brake force distribution EBD, ABS; brake assist with tandem brake booster; front: ventilated discs, rear: discs |                     |  |
| Front, size and type                   | 12.6 in.   | 320 mm              | - Vent. disc   |
| Rear, size and type                    | 11.8 in.   | 300 mm              | disc   |
| Parking brake                          | Electromechanically actuated at the rear wheels  |                     |  |
| <b>BODY:</b>                           |  |                     |  |
| Material                               | Galvanized steel with aluminum front fenders   |                     |  |
| Corrosion protection                   | Multi-step anti-corrosion protection   |                     |  |
| <b>CAPACITIES:</b>                     |  |                     |  |
| Engine oil                             | 6.3 qt.  | 6.0 liter           |  |
| Fuel tank                              | 16.9 gal.  | 64 liter            |  |
| Cooling system                         | 9.5 qt.  | 9.0 liter           | (incl. heating)  |
| <b>EXTERIOR DIMENSIONS:</b>            |  |                     |  |
| Wheelbase                              | 108.3 in.  | 2750.8 mm           |  |
| Track: front / rear                    | 62.6/62.1 in.  | 1590/1577           |  |
| Overall length                         | 182.1 in.  | 4625.3 mm           |  |
| Overall width                          | 78 in.   | 1981.2 mm           | (includes mirrors)   |
| Height                                 | 54 in.   | 1371.6 mm           |  |
| Curb weight                            | 3737 lbs.  | 1695 kg (manual)    | 3913 lbs. 1775 kg (Tiptronic - estimated) <span style="color: red;">Updated with US data.</span> |
| Distribution % front / rear            | 52/48  |                     |  |
| <b>INTERIOR DIMENSIONS:</b>            |  |                     |  |
| Seating Capacity                       | 4  |                     |  |
| EPA class                              | Four seater  |                     |  |
| Head room                              | 39.1 in.   | 993 mm              |  |
| Shoulder room                          | 54.3 in.   | 1379 mm             |  |
| Int. vol. (EPA)                        | N/A  |                     |  |
| Luggage capacity (EPA)                 | 16.1 cu. ft.   | 455                 | Liter  |
| <b>PERFORMANCE:</b>                    |  |                     |  |
| 0-60 mph                               | 5.8 sec. (manual)  | 5.9 sec (automatic) | (confirmed US values)  |
| Top speed                              | Electronically limited to 130 mph  |                     |  |
| <b>FUEL ECONOMY:</b> EPA estimate      |  |                     |  |
| City                                   | n/a mpg  |                     |  |
| Highway                                | n/a mpg  |                     |  |
| Combined                               | n/a mpg  |                     |  |
| <b>FUEL ECONOMY:</b> Canadian estimate |  |                     |  |
| City                                   | n/a liters/100km*  |                     |  |
| Highway                                | n./a liters/100km*   |                     |  |