

2006 U.S. Jetta Sedan GLI

Technical Specifications



Published: 8/10/2005
Last Revised: 7/18/2005

ENGINE

| | | | | |
|--------------------------------|--|-----------------|-------|-----------------|
| Type | 4 cylinder, in-line, turbocharged with intercooler | | | |
| Bore | 3.2 | in | 82.5 | mm |
| Stroke | 3.7 | in | 92.8 | mm |
| Displacement | 121.0 | in ³ | 1,984 | cm ³ |
| Compression Ratio | 10.3:1 | | | |
| Horsepower (SAE) @ rpm | 200 @ 5,500-6,000 (149 kW @ 5,500-6,000) | | | |
| Maximum torque, lbs - ft @ rpm | 207 @ 1,800-4,700 (281 Nm @ 1,800-4,700) | | | |
| Fuel Requirement | Premium unleaded recommended for maximum performance | | | |
| Firing Order | 1-3-4-2 | | | |

ENGINE DESIGN

| | |
|-------------------|--|
| Arrangement | Front mounted, transverse |
| Cylinder Block | Cast iron |
| Crank Shaft | Forged steel, five main bearings |
| Cylinder Head | Aluminum alloy |
| Valve Train | Dual overhead camshaft, belt driven, four valves per cylinder, maintenance free hydraulic lifters |
| Cooling System | Water cooled, thermostatically controlled electric radiator fan |
| Lubrication | Gear pump, pressurized, full flow with oil cooler |
| Fuel / Air Supply | Fully electronic engine management with drive-by-wire throttle control, FSI® direct fuel injection |
| Emissions | Underhood ceramic precatlyst with catalyst heating function via homogenous split dual injection |

ELECTRICAL SYSTEM

| | |
|------------------|--------------------------------------|
| Alternator - V/A | 14/140 |
| Battery - V/Ah | 12/60 |
| Ignition | Digital electronic with knock sensor |

DRIVETRAIN

| | | | |
|----------------------------|-------------------|--------|-----------|
| Drivetrain | Front wheel drive | | |
| | | Manual | Automatic |
| Transmission Gear Ratios:1 | 1st | 3.36 | 3.46 |
| | 2nd | 2.09 | 2.15 |
| | 3rd | 1.47 | 1.46 |
| | 4th | 1.10 | 1.08 |
| | 5th | 1.11 | 1.09 |
| | 6th | 0.93 | 0.92 |
| | Reverse | 3.99 | 3.99 |
| | Final I | 3.94 | 4.06 |
| | Final II | 3.09 | 3.14 |

CAPACITIES

| | | | | |
|--------------------------|------|-----|------|---|
| Engine Oil (with filter) | 4.4 | qt | 4.6 | L |
| Fuel Tank | 14.5 | gal | 55.0 | L |
| Cooling System | 7.6 | qt | 8.0 | L |
| Wiper Fluid | 3.2 | qt | 3.0 | L |

STEERING

| | | | | |
|-------------------------------|--|----|------|---|
| Type | Electromechanical steering with speed-dependent power assistance | | | |
| Turns (lock to lock) | 3.00 | | | |
| Turning Circle (curb to curb) | 35.1 | ft | 10.7 | m |
| Ratio | 16.2:1 | | | |

2006 U.S. Jetta Sedan GLI

Technical Specifications



Published: 8/10/2005
Last Revised: 7/18/2005

INTERIOR VOLUME - SAE

| | | | | | | | | |
|---------------------------------------|--------------|-----------------|-------|----------------|-------------|-----------------|-------|----------------|
| EPA Class | Compact | | | | | | | |
| Seating Capacity | Five | | | | | | | |
| Passenger Volume | 91 | ft ³ | 2.5 | m ³ | | | | |
| Cargo Volume | 16 | ft ³ | 0.5 | m ³ | | | | |
| Cargo Volume with rear seat folded -- | -- | | | | | | | |
| | Front | | | | Rear | | | |
| Volume | 50 | ft ³ | 1.40 | m ³ | 41 | ft ³ | 1.10 | m ³ |
| Head Room | 38.5 | in | 977 | mm | 37.2 | in | 944 | mm |
| Shoulder Room | 54.8 | in | 1,391 | mm | 53.1 | in | 1,348 | mm |
| Leg Room | 41.2 | in | 1,046 | mm | 35.4 | in | 900 | mm |

BODY, CHASSIS AND SUSPENSION

| | | | | | | | | |
|--------------------------|--|--|--|--|--|--|--|--|
| Type | Unitized construction, bolt-on front fenders | | | | | | | |
| Front Suspension | McPherson strut with lower wishbones, aluminium subframe, tubular anti-roll bar, track-stabilising steering roll radius | | | | | | | |
| Rear Suspension | Four-link rear suspension with seperate spring/shock absorber arrangement, subframe, turbular anti-roll bar | | | | | | | |
| Service Brakes | Power assisted, dual circuit, vented 288 x 25 mm front discs and 260 x 12 mm solid rear discs | | | | | | | |
| Anti Lock Braking System | Standard, all four wheels, 3-channel, ESP with electronic brake force distribution EBD, ABS; hydraulic brake assistant; electronic differential lock EDL | | | | | | | |
| Parking Brake | Mechanical, effective on rear wheels | | | | | | | |
| Wheels/Tires | 7.5J X 17" alloy wheels 225/45 R 17 Y, performance tires | | | | | | | |
| Drag Coefficient | .33 | | | | | | | |

DIMENSIONS

| | | | | | | | | |
|------------------|-------|----|-------|----|--|--|--|--|
| Wheelbase | 101.5 | in | 2,578 | mm | | | | |
| Front Track | 60.6 | in | 1,540 | mm | | | | |
| Rear Track | 59.8 | in | 1,518 | mm | | | | |
| Length | 179.3 | in | 4,554 | mm | | | | |
| Width | 70.1 | in | 1,781 | mm | | | | |
| Height | 57.4 | in | 1,459 | mm | | | | |
| Ground Clearance | 5.4 | in | 137 | mm | | | | |

WEIGHTS

| | Manual | | | | Automatic | | | | |
|-------------|--------|-------|-------|-----|-----------|-------|-------|-----|----|
| Curb Weight | 3,308 | lbs | 1,500 | kg | 3,352 | lb | 1,520 | kg | |
| | Front | 1,958 | lbs | 888 | kg | 2,002 | lb | 908 | kg |
| | Rear | 1,349 | lbs | 612 | kg | 1,349 | lb | 612 | kg |
| Payload | 1,032 | lbs | 468 | kg | 1,032 | lb | 468 | kg | |

FUEL CONSUMPTION

| | Manual | Automatic |
|-------------|--------|-----------|
| City mpg | 24 | 25 |
| Highway mpg | 32 | 31 |

PERFORMANCE

| | Manual | Automatic |
|-----------|------------------|------------------|
| 0-60 mph | 7.1 | 7 |
| | seconds | seconds |
| Top Speed | 127 | 127 |
| | mph ¹ | mph ¹ |

¹Maximum speed electronically limited to 130 mph in U.S. Obey all speed and traffic laws.