

# Jetta



## The affordable German engineered road sedan

An automobile engineered  
and built in Germany must

meet very high standards.

It must deliver well-  
balanced performance. It  
must possess an air of  
sophistication. Never out-  
landish, yet never out-dated.  
It must be both classic and  
contemporary.

The modern German  
road sedan must be gener-  
ously graced with creature  
comfort. The kind of space  
that makes highway touring  
an endless pleasure, and  
city jaunts an enjoyable  
interlude.



Its mainstay must be proven engineering refinement, to meet the expectations of drivers who appreciate technological achievement.

The Jetta is all this, and much more. While the qual-

ity of Jetta matches that of any German-built road sedan, the price is much less.

A marked wedge-shape creates the Jetta's visual emphasis. It seems to surge forward in a dynamic

manner. Clean aerodynamics are a decisive element of high-speed stability, quiet ride, and efficient performance.

Illustrated: Jans Gil



## A new level of comfort and space

With the Jetta, Volkswagen achieves a new level of comfort and space.

There's more legroom, kneeroom, headroom, and

shoulder room. More room than any car in its class. Room for five to travel in complete comfort.

Wide open space, front and rear, is the most noticeable element of Jetta's inner comfort. Each interior

dimension has been designed to optimize interior space without unduly increasing exterior size. The 2- and 4-door Jetta, and the luxury 4-door Jetta GL, are examples of careful interior planning.



**Creating extra space**  
Jetta has unique, moulded door panels with deep recesses to allow for comfortable elbow room. By moving side windows to the outside edge of their frames, Volkswagen engineers have

achieved extra shoulder room. Jetta's moulded headliner is bonded tightly against the roof to create extra headroom for taller occupants.

### **Vast luggage capacity**

A touring sedan is incomplete without luggage space to match occupant space. The Jetta excels with a huge 575 litre (20.3 cu. ft.) trunk.

*Illustrated: Jetta GL*



## The interaction of man and sedan

The driver's seat of a touring sedan is no place for distraction. In the Jetta, interaction between man and sedan is precise, complete,

and natural.

Main instrumentation is strictly analogue. Speedometer and quartz clock on the Diesel and Turbo Diesel models; speedometer and tachometer on fuel injection models and Jetta GL Turbo

Diesel. Large, circular dials are positioned high in the dash. Clear white numerals on black fields are quickly read. Information is quickly assimilated by the driver.

**Everything in its place**



Telltale indicators between main instrument dials emit vivid spots of colour. Without a glance, the driver detects signals which Jetta sends.

Controls for heating, ventilation, and optional air

conditioning are positioned high in the dash for easy reach.

The heat exchanger design lets Jetta respond instantly to desired temperature setting, independent of engine speed.

Every Jetta is equipped with a 4-speaker AM/FM stereo cassette sound system. A luxury in some cars; a must in a true road sedan.

Illustrated: Jetta GL.



fuel injection engine. Each one provides generous power, and noticeable efficiency.

The Volkswagen Jetta. Its looks, luxury, comfort, and performance make it a true German road sedan.

Its price makes it affordable.

**This is how it's engineered:**

- Four-wheel drive
- 1.8 liter, 90 horsepower fuel injection overhead cam engine, or 1.6 liter, 52 horsepower high efficiency diesel engine (Jetta only)
- 1.8 liter, 68 horsepower (air-cooled) engine optional
- (Optional Infotrac Light manual transmission only)

- Rack and pinion steering
- Power-assisted, pressure-regulated, dual-diagonal hydraulic brake system with disc brakes at front, self-adjusting drum brakes at rear
- Independent MacPherson strut front suspension with coil springs
- Independent stabilizer rear axle with coil springs and track correcting rear bushings
- Integrated front spoiler
- Anti-rustive wax treatment undercoating and hot wax flarding in lower body cavities



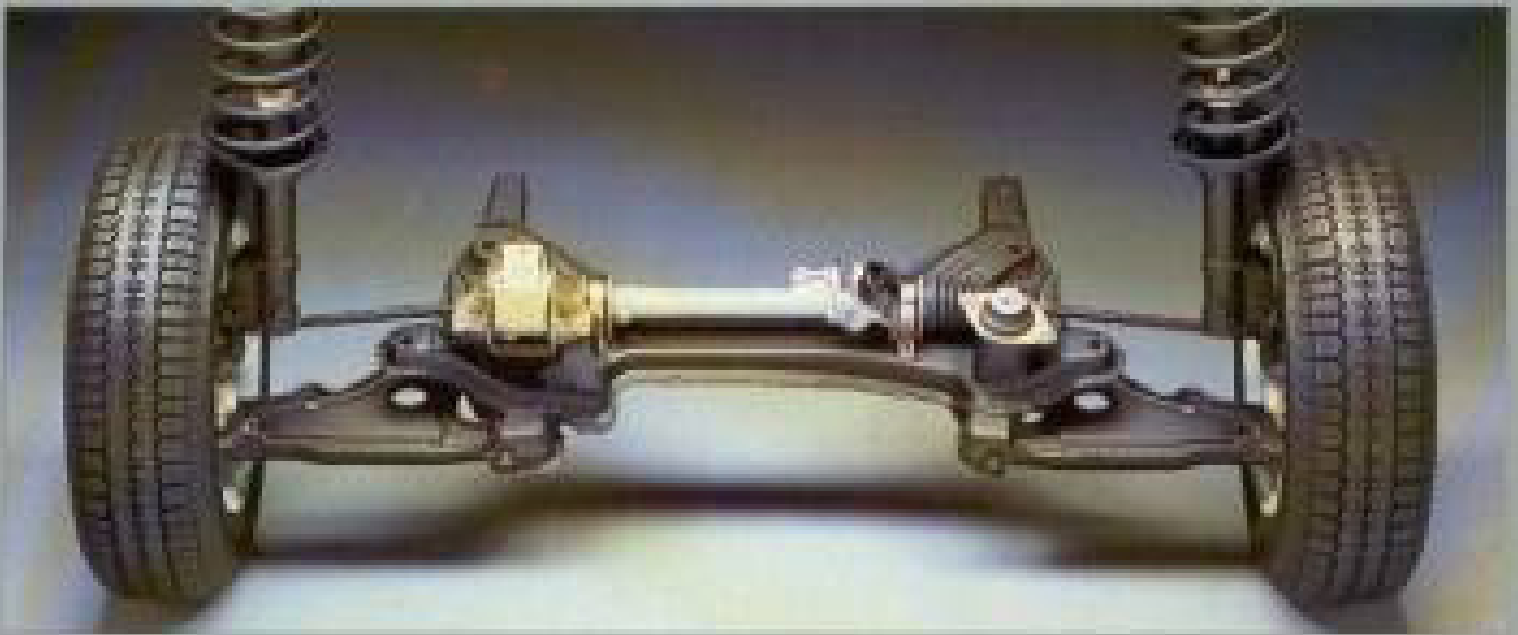


- Independent wheel-hub with weather system plus transmission setting
- Courtesy light with door-operated switches
- Illuminated, level luggage compartment
- Storage trays under seats, left and right
- Cloth-covered, rounded door panels with storage bins on front doors
- Instrumental cluster: cigarette lighter, front door advisory
- Remote-controlled master windows, left and right
- Instrumentation: speedometer, odometer, trip indicators, coolant temperature gauge

- with warning light, oil filter light, oil pressure, highbeam and glow plug preheat on Diesel, digital quartz clock, tachometer on Diesel, tachometer, ignition coil injection and oil pressure, fuel level gauge, brake fluid level and hand brake warning light
- Cruise control with storage bin and rear seat heater outlets
- AM/FM stereo cassette sound system with 4 speakers

#### This is why it's safe

- Labeled safety cell body construction with front and rear impact absorbing crumple zones
- Negative steering roll motion
- Halogen headlights
- 7-point inertia type seat belts for front seats, three inertia type lap belts for rear seat
- Childproof safety locks on rear doors (4 door models only)
- Collapsed life securing container
- Steering column lock
- Protective side door beams
- Lockable, concealed fuel filler cap



Front suspension assembly



Linked trailing-arm rear suspension

# German engineered performance by any standard of measure

Power. Efficiency. Agility. Roadability. Individually, each is a valid measure of performance. Together, they form the unique character of a true German road sedan. Each element is designed to accomplish a precise task. From powerplant to noise suppression, Jetta is a careful blend of synchronized engineering.

## Diesel ingenuity

Most efficient of Jetta powerplants is a 1.6 litre, 52 hp, high-compression diesel. It's one of the smoothest, most responsive engines in the compact diesel class.

Higher on the power scale is the 1.6 litre, 68 hp turbocharged diesel engine. It's the only turbo-diesel in its class. Extracting extra horsepower from exhaust gases, the turbo-diesel is a responsive performer and maintains the efficiency typical of Volkswagen diesels.

## Fuel injection

If you're looking for pure performance, choose the 1.8 litre, 90 hp fuel injection gasoline engine. It gives Jetta a swift reserve of power, and the sharp

reflexes expected of all German sedans. It uses less expensive regular leaded fuel, and offers exceptional efficiency.

## Driver control

The steering: rack and pinion. Accurate and precise. Designed for easy low-speed manoeuvring, and positive road feel at high speed.

The suspension: fully independent for positive contact over rough roads. The front suspension is MacPherson strut design. An additional stabilizer bar provides sure tracking through high-speed manoeuvres. Improved longitudinal compliance at wheel locating points counteracts bumps which might otherwise cause directional change.

The rear suspension is of linked trailing arm design. It combines the advantages of a rigid beam axle with those of a traditional trailing arm. Special bonded rubber track-control mounts counteract dynamic forces as the suspension loads and unloads through corners, helping to maintain the desired course.

The brakes: power-assisted. Dual diagonal hydraulic circuits with disc

brakes up front and self-adjusting drums at the rear.

## Double damping principle

A quiet ride reduces stress, particularly on long trips. Jetta's engine is fitted to a special sub-frame to lessen the transferral of vibration to the chassis. As well, the engine cross-member is further isolated from the bodyshell with high-density bonded rubber mounts. This system of noise-suppression is known as the double-damping principle. It produces a quiet, smooth ride with minimal noise and vibration. A noticeable comfort for driver and passengers.

## This is why it's comfortable and convenient:

- Fully reclining, anatomically designed front bucket seats with adjustable headrests.
- Space for five passengers.
- Several cloth upholstery.
- Instant response, high capacity air filter.
- Heating/ventilation system with 3-speed blower.
- Air distribution outlets in front footwells, at base of windshield, in center, left, and right of dash plus additional side window defoggers.
- Electric rear window defogger.
- Three safety glass all around.

# 1986 Jetta Specifications

## ENGINE

Type	Water-cooled, transverse front-mounted
No. of cylinders	Four in line, single overhead cam
Bore & stroke (I.L. gas) (I.L.L. diesel & turbo-diesel)	81.2 mm x 56.4 mm (3.19 in. x 2.22 in.) 76.3 mm x 56.4 mm (3.00 in. x 2.22 in.)
Displacement (I.L. gas) (I.L.L. diesel & turbo-diesel)	1.6 L (99 cu. in.) 1.6 L (97 cu. in.)
Max. net HP at rpm (I.L. gas) (I.L.L. diesel) (I.L.L. turbo-diesel)	80 HP @ 5,000 rpm 12 HP @ 4,000 rpm 85 HP @ 4,500 rpm
Max. net torque (I.L. gas) (I.L.L. diesel) (I.L.L. turbo-diesel)	96.3 lb. ft. @ 3,200 rpm 11.7 ft. lb. @ 1,800 rpm 96.2 lb. ft. @ 2,800 rpm
Compression ratio (I.L. gas) (I.L.L. diesel) (I.L.L. turbo-diesel)	9.0:1 23.0:1 23.0:1
Fuel system (I.L. gas) (I.L.L. diesel) (I.L.L. turbo-diesel)	CDS fuel injection Mechanical diesel injection pump Mechanical diesel injection pump 440 cc diesel-driven carburetor
Fuel requirements (I.L. gas) (I.L.L. diesel & turbo-diesel)	Regular leaded Diesel fuel No. 2
Fuel capacity	53 L (12 imp. gal.)
Oil capacity (incl. filter)	4.5 L (1 imp. qt.)
Battery	32V (4) Amp-h
Alternator	65 Amp
Type of ignition (I.L. gas) (I.L.L. diesel & turbo-diesel)	Transistorized electronic (for diesel fuel) Compression ignition

## DRIVE TRAIN

Type	Front-wheel drive with two constant velocity joints per drive shaft
Clutch	Disc, single plate
Manual transmission	Fully synchronized 5-speed
Automatic transmission	Typed automatic transmission with torque converter
Gear ratios (manual transmission)	1.88/1.46/1.17/0.89/0.74/0.57 2.77/1.82/1.09/0.74/0.57
Rear drive (manual gear transmission)	3.67 3.12
(manual diesel & turbo diesel automatic diesel)	3.94 3.40

## CHASSIS

Body	Acrylic-urethane, all steel unitized, built on three members, passenger compartment designed to safety cell, front and rear designed to absorb impact energy
Front suspension	Independent MacPherson struts, negative steering roll indices, coil springs, telescopic shock absorbers, MacPherson bar
Rear suspension	Independent torque beam axle, coil springs, air-charge shock absorbers
Braking system	Power-assisted, hydraulic, dual disc/dual brake on rear with dual brakes at front, self-adjusting drum brakes at rear
Parking brake	Mechanical, effective on rear wheels
Steering	PS & ES
Tire type rear	175/70 SR 13 steel belted radial
Steering system	Rack and pinion with energy absorbing steering wheel and column plus, maintenance free tie rods
Turning circle	6.1 m, 34.4 ft. (curb-to-curb)

## FUEL CONSUMPTION\* AND PERFORMANCE

	1-speed manual (I.L.L.)	5-speed manual (I.L.L.)	5-speed manual (I.L.L.)	5-speed automatic (I.L.L.)	5-speed automatic (I.L.L.)
	l/100 km	l/100 km	l/100 km	l/100 km	l/100 km
Combined L/100 km	6.7	5.8	6.6	6.1	6.4
City L/100 km	6.4	6.8	12.1	7.0	12.3
Highway L/100 km	4.9	3.2	6.8	5.8	6.1

## ACCELERATION

	100 km/h (mi/h)	0-100 km/h (mi/h)	0-100 km/h (mi/h)	0-100 km/h (mi/h)
0-100 km/h (mi/h)	10.8	8.7	9.8	**
0-100 km/h (mi/h)	16.2	12.1	10.5	**
Top speed km/h	148	156	173	**

\*Estimated values based on European Canada approved test methods.

\*\*Not tested fuel consumption this year.

\*\*Not available at time of printing.

## Special features on Jetta GL

- Different floor, or in addition to floor
- 4-door body style only
- Turbine sport steering wheel
- Newly completely designed full wheel covers
- AM/FM stereo cassette (ET) digital sound system with 4 speakers
- Tilted steering rim
- Deluxe interior door trim
- Three color courtesy light with switches on all doors
- Fully carpeted luggage compartments
- Tinted windows on two-tone (black and blue) exterior only
- Black polyamide driver's seat
- Rear seat covered with heavy-duty fabric
- Black-out view between columns and on window panel
- Wheel cover mounting

## This is how to make it even

- New options include:
  - 1.6 L, 85 hp turbocharged diesel engine
  - Limited automatic transmission (not available on Turbo Diesel models)
  - Cruise control with engine brake
  - Power steering
  - Air conditioning
  - Power-closed door trunk locking system (Keyless entry)
  - Power windows (dual, 1L only)
  - Power windows controlled by radio-control remote, left and right (1L only)
  - Power windows (dual, 1L only)
  - Electrically adjustable front seats
  - Sunroof with integrated wind deflector
  - Monthly pass
  - Light alloy wheels, 17 x 21 with spare wheel cover
  - Electric adjustable driver's seat, left side, not on Jetta GL
  - 54-track (Jetta GL only)

## Jetta exterior colors

- Black
- Antique Metallic\*
- Quartz Steel
- Grey Blue
- Alpine White
- Indigo Blue Metallic\*
- British Blue Metallic\*
- Shimmer Silver Metallic\*
- \*Extra Cost

Every new Volkswagen is covered by a six year corrosion protection warranty, regardless of climate zone.

## Peace of mind warranty

At Volkswagen, your new Jetta is covered by a 3-year, unlimited mileage warranty. You've proved that warranty by our choice of a 3-year 100,000 km, or 3-year, 100,000 km limited (three-year Powertrain Plus) offered by International Warranty. The Plus covers most major components like the engine, cylinder head, steering, brakes, control-valves and air conditioner, and we replace a few. Timing and replacement vehicle coverage are also included. Ask your Volkswagen dealer for details.

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Volkswagen Canada Inc. (1986) 0000

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