

# 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 outlandish, yet never out-dated. It must be both classic and contemporary.

The modern German road sedan must be generously 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: Jetta GL.



The Jetta's large dimensions are readily enjoyed by the driver and passengers. It is no exaggeration to claim that the Jetta appears to belong to a larger class of sedan. Jetta does have more passenger room and more

luggage capacity than many full-size sedans. Five people can tour in complete comfort.

### **The performance dilemma**

In Germany, motorists must

cope with the dilemma of the high-speed Autobahn, and high-priced fuel. Jetta resolves the dilemma. Available engines include a compact diesel, a turbocharged diesel (the only one in its class), and a 1.8 L gasoline



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:**

- Front-wheel drive
- 1.8 litre, 90 horsepower fuel injection overhead cam engine, or 1.6 litre, 52 horsepower high efficiency diesel engine (Jetta only)
- 1.6 litre, 68 horsepower turbo-diesel engine (optional)
- Upshift Indicator Light (manual trans. 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-corrosive wax/bitumin undercoating and hot wax flooding in lower body cavities



## A new level of comfort and space

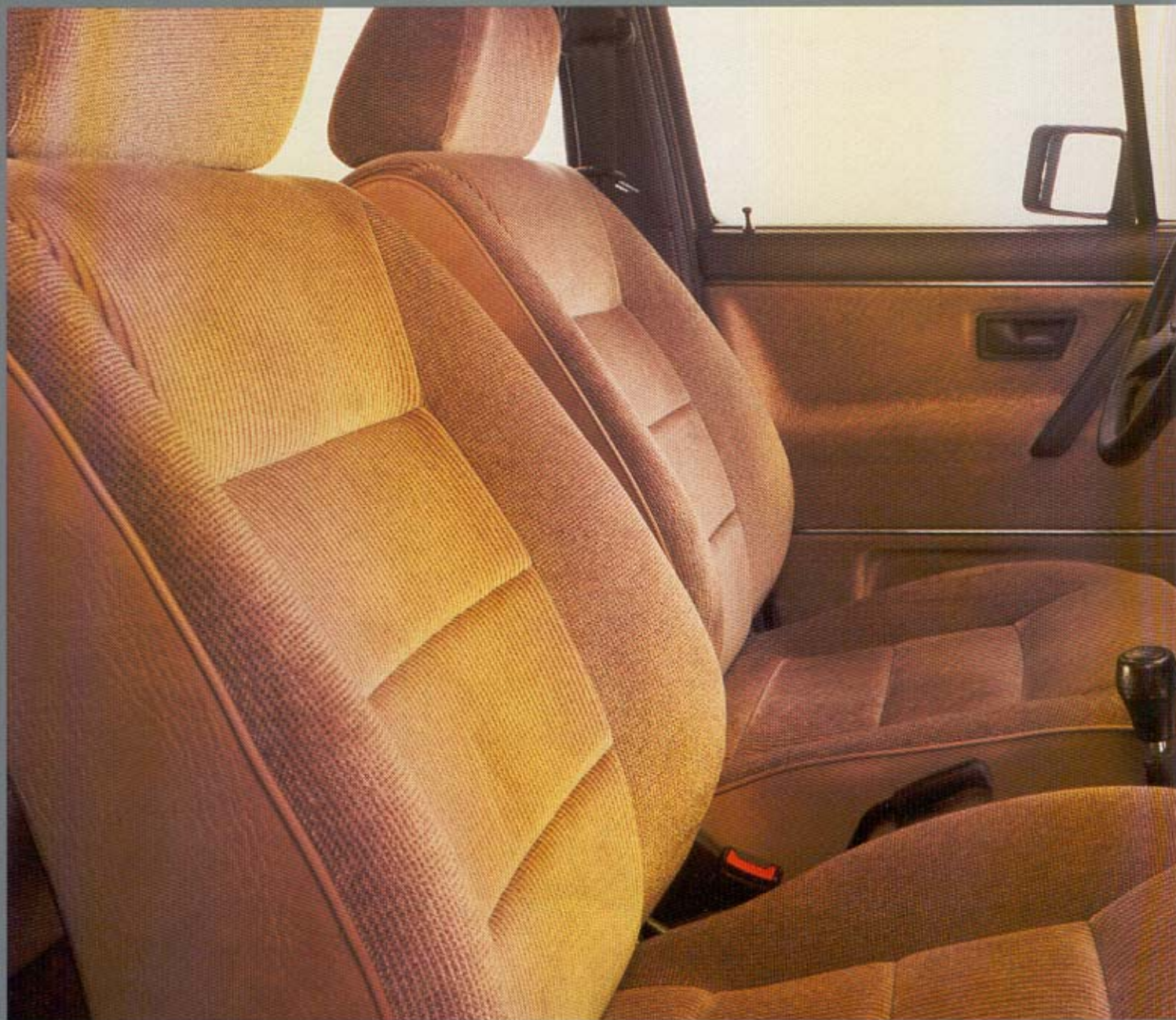
With the Jetta, Volkswagen achieves a new level of comfort and space.

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

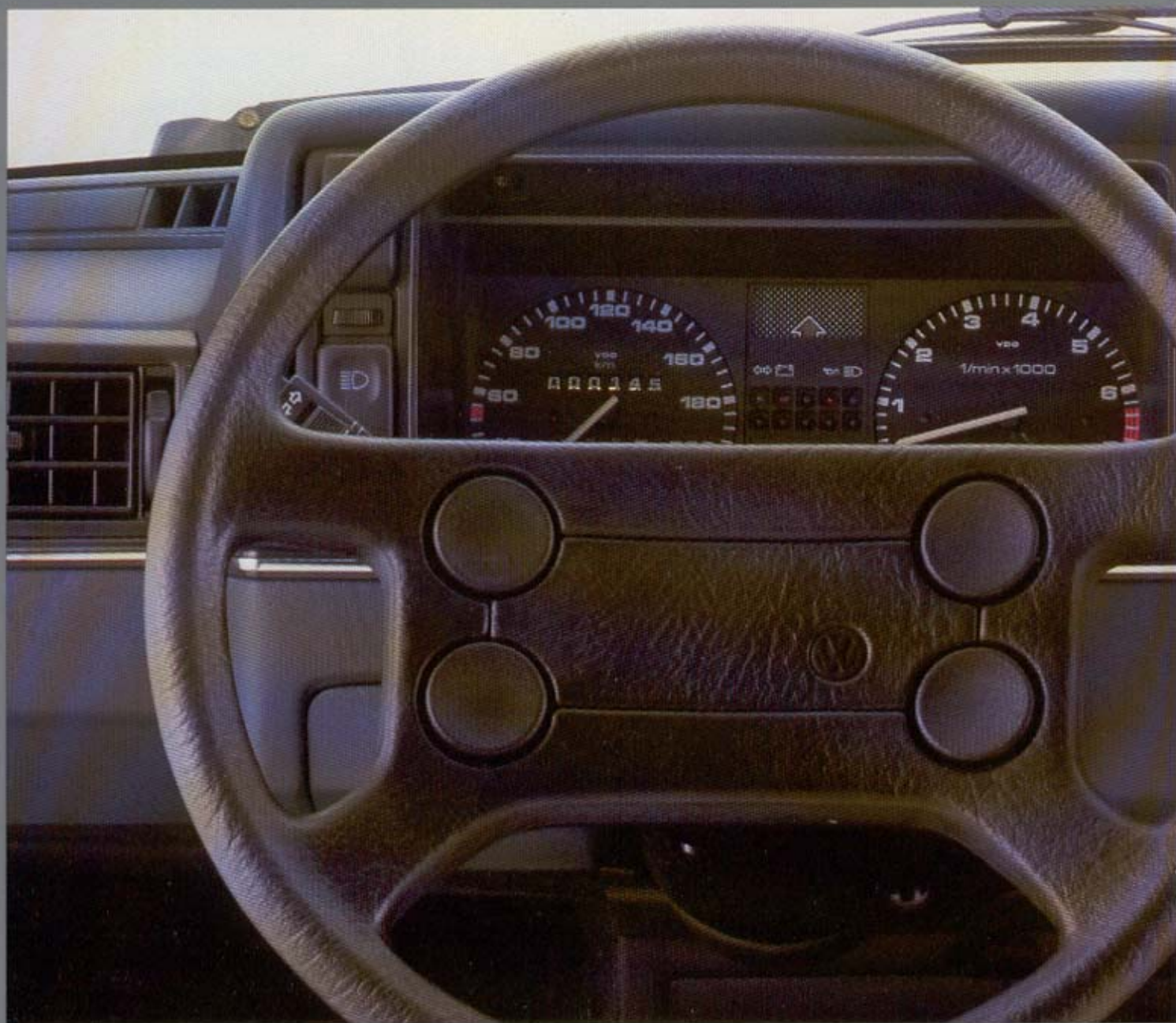
The driver's seat of a touring sedan is no place for distraction. In the Jetta, interaction between man and sedan is precise, complete,

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.

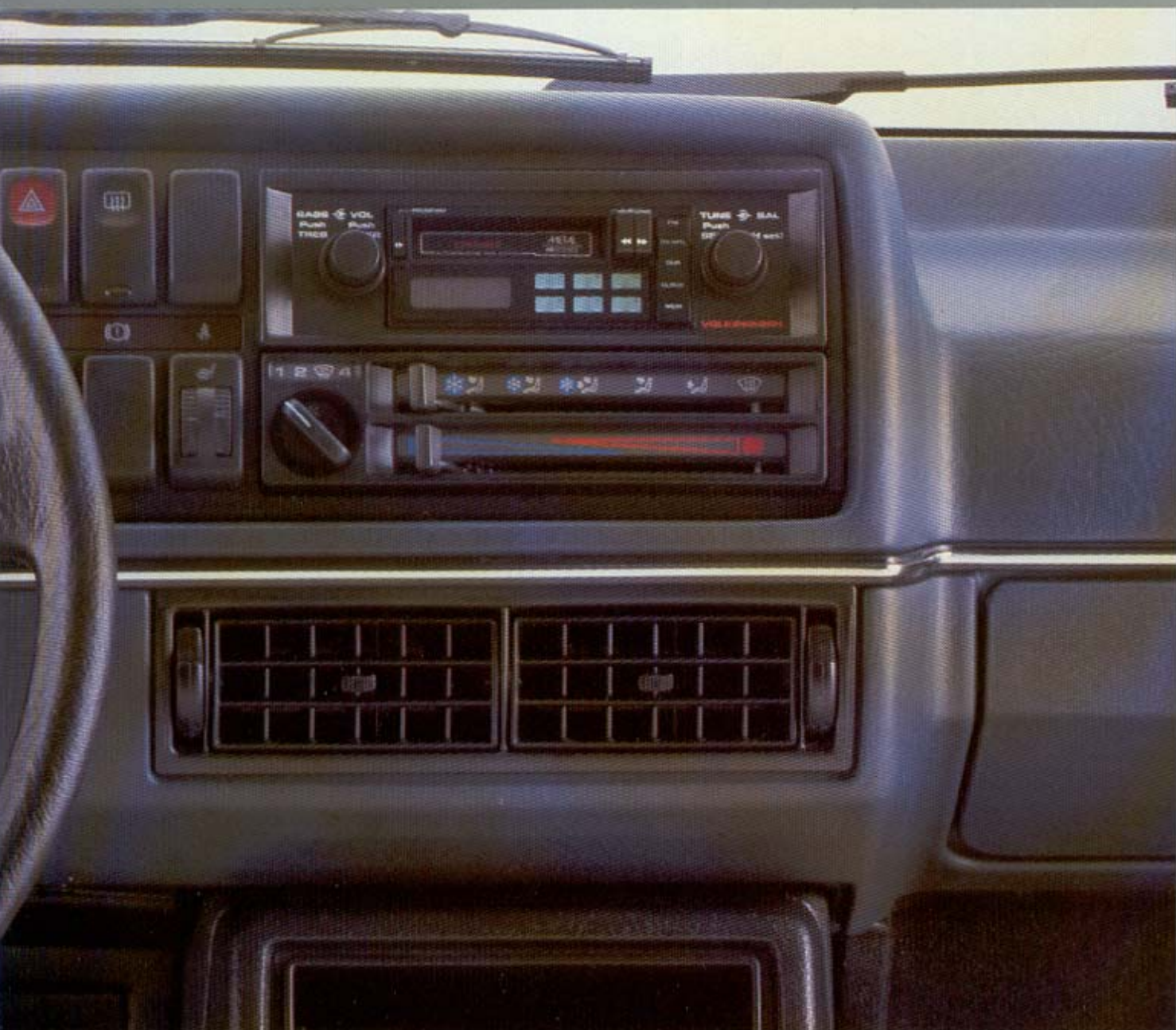
Controls for heating, ventilation, and optional air

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



# 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 bodysell 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:

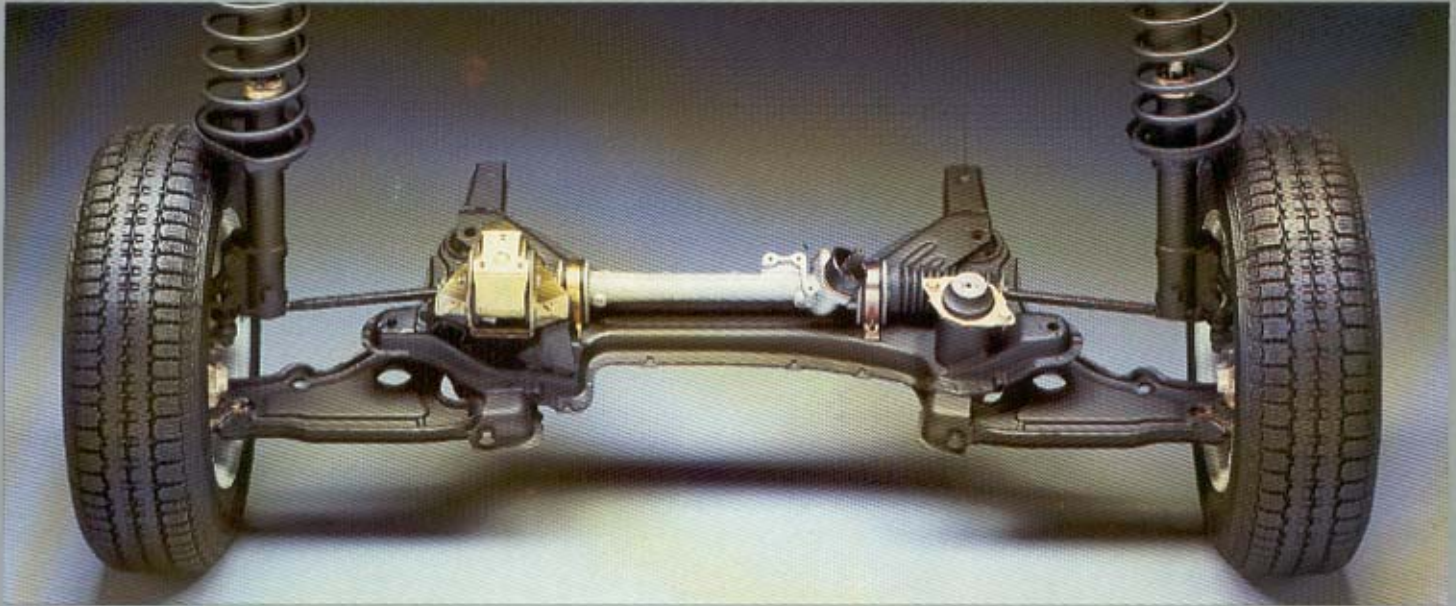
- Fully reclining, anatomically designed front bucket seats with adjustable headrests
- Space for five passengers
- Tweed cloth upholstery
- Instant response, high capacity air blend heating/ventilation system with 3-speed blower
- Air distribution outlets in front footwells, at base of windshield, in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

- 2-speed windshield wiper/washer system plus intermittent setting
- Courtesy light with door operated switches
- Illuminated, lined luggage compartment
- Storage trays under dash, left and right
- Cloth covered, moulded door panels with storage bins on front doors
- Illuminated ashtray/cigarette lighter, front
- Rear ashtray
- Remote controlled outside mirrors, left and right
- Instrumentation: speedometer, odometer, trip odometer, coolant temperature gauge

- with warning light, telltale lights for alternator output, oil pressure, highbeams (and glow plug preheat on Diesel), digital quartz clock (analogue on Diesel), tachometer (gasoline fuel injection and all GL models), fuel level gauge, brake fluid level and hand brake warning light
- Centre console with storage bin and rear seat heater outlets
- AM/FM stereo cassette sound system with 4 speakers

#### This is why it's safe

- Unitized safety cell body construction with front and rear impact-absorbing crumple zones
- Negative steering roll radius
- Halogen headlights
- 3-point inertia-type seat belts for front seats, three inertia-type lap belts for rear seat
- Childproof safety locks on rear doors (4-door model only)
- Collapsible steering column
- Steering column lock
- Protective side door beams
- Lockable, concealed fuel filler cap



Front suspension assembly



Linked trailing-arm rear suspension

# 1986 Jetta Specifications

## ENGINE

Type	Water-cooled, transverse front-mounted
No. of cylinders	Four in line, single overhead cam
Bore & stroke (1.8 L gas) (1.6 L diesel & turbo-diesel)	81.0 mm x 86.4 mm/3.19 in. x 3.40 in. 76.5 mm x 86.4 mm/3.01 in. x 3.40 in.
Displacement (1.8 L gas) (1.6 L diesel & turbo-diesel)	1.8 L/109 cu. in. 1.6 L/97 cu. in.
SAE net HP @ rpm (1.8 L gas) (1.6 L diesel) (1.6 L turbo-diesel)	90 HP @ 5,500 rpm 52 HP @ 4,800 rpm 68 HP @ 4,500 rpm
SAE net torque (1.8 L gas) (1.6 L diesel) (1.6 L turbo-diesel)	98 ft. lbs. @ 3,250 rpm 71.5 ft. lbs. @ 2,000 rpm 96.2 ft. lbs. @ 2,800 rpm
Compression ratio (1.8 L gas) (1.6 L diesel) (1.6 L turbo-diesel)	9.0:1 23.0:1 23.0:1
Fuel system (1.8 L gas) (1.6 L diesel) (1.6 L turbo-diesel)	CIS fuel injection Mechanical diesel injection pump Mechanical diesel injection pump with exhaust-driven turbocharger
Fuel requirement (1.8 L gas) (1.6 L diesel & turbo-diesel)	Regular leaded Diesel fuel No. 2
Fuel capacity	55 L/12 imp. gal.
Oil capacity (incl. filter)	4.5 L/4.0 imp. qts.
Battery	12V/63 Amp/h
Alternator	65 Amp.
Type of ignition (1.8 L gas) (1.6 L diesel & turbo-diesel)	Transistorized electronic (breakerless) Compression ignition

## DRIVE TRAIN

Type	Front-wheel drive with two constant velocity joints per drive shaft
Clutch	Dry, single plate
Manual transmission	Fully synchronized 5-speed
Automatic transmission	3-speed automatic transmission with torque converter
Gear ratios (manual) (automatic)	3.45/1.94/1.37/1.03/0.75/R3.17 2.71/1.50/1.00/R2.43
Final drive (manual gas) (automatic gas) (manual diesel & turbo-diesel) (automatic diesel)	3.67 3.12 3.94 3.41

## CHASSIS

Body	Aerodynamic, all steel unitized, bolt-on front fenders, passenger compartment designed as safety cell, front and rear designed to absorb impact energy
Front suspension	Independent MacPherson struts, negative steering roll radius, coil springs, telescopic shock absorbers, stabilizer bar
Rear suspension	Independent torsion beam axle, coil springs, telescopic shock absorbers
Braking system	Power-assisted, hydraulic, dual diagonal brake circuits with disc brakes at front, self-adjusting drum brakes at rear
Parking brake	Mechanical, effective on rear wheels
Rim size	5½ x 13
Tire type/size	175/70 SR 13 steel belted radials
Steering system	Rack and pinion with energy absorbing steering wheel and column plus, maintenance-free tie rods
Turning circle	10.5 m, 34.4 ft. (curb-to-curb)

## FUEL CONSUMPTION\* AND PERFORMANCE

	5-speed manual diesel 1.6 L	5-speed manual turbo-diesel 1.6L	5-speed manual gasoline 1.8 L	3-speed automatic diesel 1.6 L	3-speed automatic gasoline 1.8 L
Combined L/100 km	5.7	5.8	8.6	6.5	9.4
City L/100 km	6.4	6.4	10.1	7.0	10.5
Highway L/100 km	4.9	5.0	6.8	5.8	8.1

## ACCELERATION:

	5-speed manual diesel 1.6 L	5-speed manual turbo-diesel 1.6L	5-speed manual gasoline 1.8 L	3-speed automatic diesel 1.6 L	3-speed automatic gasoline 1.8 L
0-80 km/h (sec.)	10.9	8.7	7.5	**	9.5
0-100 km/h (sec.)	16.2	12.1	10.5	**	13.6
Top speed km/h	145	158	170	**	170

\*Estimated ratings based on Transport Canada approved test methods.

Your actual fuel consumption may vary.

\*\*Not available at time of printing.

## Special features on Jetta GL

Different from, or in addition to Jetta:

- 4-door body style only
- 4-spoke sport steering wheel
- Aerodynamically designed full wheel covers
- AM/FM stereo cassette ETR digital sound system with 4 speakers
- Velour interior trim
- Deluxe interior door trim
- Time delay courtesy light with switches on all doors
- Fully carpeted luggage compartment
- Vanity mirrors on sunvisors (illuminated on passenger side)
- Height adjustable driver's seat
- Rear seat armrest with beverage holder
- Blackout trim between taillights and on rocker panels
- Wheel arch mouldings

## This is how to make it yours

Jetta options include:

- 1.6 L, 68 hp turbocharged diesel engine
- 3-speed automatic transmission (not available on Turbo Diesel models)
- Cruise control with resume feature
- Power steering
- Air conditioning
- Power central door/trunk locking system (Jetta GL only)
- Power windows (Jetta GL only)
- Power remote controlled heatable outside mirrors, left and right (Jetta GL only)
- Power antenna (Jetta GL only)
- Electrically heatable front seats
- Sunroof with integrated wind deflector
- Metallic paint
- Light alloy wheels, 5½ x 13 (with space saver spare)
- Height adjustable driver's seat (Jetta only, std. on Jetta GL)
- Ski sack (Jetta GL only)

## Jetta exterior colours

- Black
- Antelope Metallic\*
- Gambia Red
- Navy Blue
- Alpine White
- Atlas Grey Metallic\*
- Stratos Blue Metallic\*
- Diamond Silver Metallic\*
- \*Extra Cost

Every new Volkswagen is covered by a six year corrosion perforation warranty, regardless of distance driven.

## Peace of mind motoring

Of course, your new Jetta is covered by a 24-month, unlimited mileage warranty. You can extend that coverage by purchasing a 3-year, 80,000 km, or 4-year, 100,000 km Selected Service Protection Plan offered by International Warranty. The Plan covers most major components like the engine, transmission, steering, brakes, electrical system and air conditioner, just to mention a few. Towing and replacement vehicle assistance are also included. Ask your Volkswagen dealer for details.

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Volkswagen Canada Inc. 12-99-10108

Printed in Canada 9/85 141.3/67.5 MMT