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Valley Motors

Rabbit



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RABBIT.

THE COMPACT AMERICA THINKS OF FIRST.

Think back a few years.

Do you remember the excitement generated by the original Rabbit? We hope you're still looking for innovations from Volkswagen because they're in every one of our 1982 models.

You'll find them in the front wheel drive Rabbit hatchback sedan, an envied and often imitated design now in four specially equipped models.

Each is fun to drive, nimble and quick — powered by an overhead cam fuel-injected engine producing 74 horsepower. Along with Volkswagen's renowned 1.6 litre diesel engine, it can be matched to a 4-speed, 5-speed or automatic transmission.

What more can we say to introduce the new Rabbit? How about value, reliability and dependability.

Think ahead a few years.

Burnished Gold Metallic Rabbit L
shown with extra cost trim rings and vent windows.



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Nothing else is a
Volkswagen.

OUR STANDARDS ARE SET BY OUR ENGINEERS, NOT BY OUR COMPETITORS.

It's no small wonder that the Rabbit has so many imitators when there are so many Rabbits to choose from. But don't be swayed because of choice. Instead, consider owning a Rabbit because of standards. Volkswagen standards.

The Rabbit was created more than a decade ago from a clean sheet of paper. Only state-of-the-art engineering was considered in designing a fully unified package with the major systems and components complementing one another. The transverse-mounted fuel injected engine delivers power at peak efficiency to precisely positioned front driven wheels. So a Rabbit accelerates, changes direction and stops with surprising ease.

Thanks to this attention to engineering design the Rabbit features maintenance-free rack-and-pinion steering. This system provides a steady highway ride with excellent road "feel."

The Rabbit also is an easy car to drive when conditions are more rugged. A fully independent suspension system allows each front and rear wheel to react separately to bumps and road irregularities. This is a welcomed, but not often found feature on so many sedans, and is a major contribution to the Rabbit's excellent roadability and directional control.

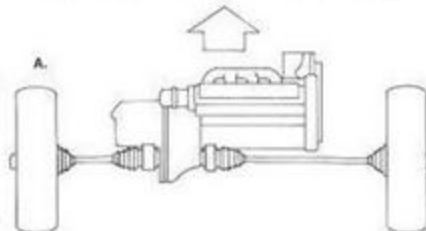
When it comes to stopping, the Rabbit is just as well engineered. Volkswagen brakes are designed for low-pressure application, making it as easy to slow down as it is to speed up. That's especially important in stop-and-go traffic requiring fancy footwork.

And when there's an open road, you'll find your Rabbit a joy to drive. Rabbit's standard overhead cam engine is more powerful and responsive than those found in most economy cars. And it's matched to Volkswagen's Formula E four-speed transmission featuring an overdrive-ratio top gear. That means you can accelerate briskly to highway speeds and then enjoy a quiet, gas sipping engine* running at only 2300 rpm at 55 mph.

But what you may like best about Rabbit's engine is its smoothness. That's a benefit that can be traced to Volkswagen's use of breakerless electronic ignition... and a very efficient emission control system that contributes to smooth driveability and good gas mileage, too.

Naturally, the Rabbit's steel body is formed with unit construction: a totally welded, reinforced capsule onto which is attached the rear hatch, front hood and front fenders. Bumpers also are bolted on. And, as you'd expect, they'll take more than a bump. They're mounted on hydraulic supports and designed to be self-restoring after a typical parking lot bump.

You'll find all of this, and much more, on even the basic Rabbit. So if you're looking for a value-packed and well-engineered sedan, look no further.



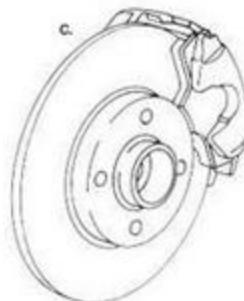
A. The space efficiency advantage of front wheel drive is gained by combining the engine, transmission and final drive in a single assembly. Double constant-velocity joints in each drive shaft provide an even transfer of power to the wheels.

B. The Rabbit in its basic form is available as a two-door sedan. Midnight Blue interior is standard with Cashmere White (shown) or Lago Blue. Russet is standard with Royal Red.

C. Volkswagen engineers have incorporated front wheel disc brakes providing excellent stopping power. Their flat-type design features larger pistons requiring less pedal pressure.

D. Cashmere White Rabbit.

*1982 EPA estimate: Gasoline — estimated mpg, 42 highway; Diesel — estimated mpg, 58 highway. Use estimated mpg for comparison to other cars. Your actual mileage will vary with speed, weather and trip length. Highway mileage will probably be less.



Rabbit

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BOTH GM AND FORD RECENTLY INVENTED THE "WORLD CAR," EIGHT YEARS AFTER THE RABBIT.

During the time that other car builders have been seeking a way out of the past, Volkswagen has steadily developed the original Rabbit. So the new Rabbit you test drive at your dealer's is a far cry from the '75 model.

However, there are few additions to the original concept. That's because over the years, Volkswagen's engineering team has concentrated on making the Rabbit an even better car.

The Rabbit's excellent for commuting and driving in high-density traffic, especially with its optional 3-speed automatic transmission. Visibility is outstanding because of the extensive "greenhouse" and the high seating position. (Incidentally, that's how come the Rabbit accommodates the long-legged so comfortably.) You can see all the traffic around you and even a pothole only 10 feet ahead. It's easy to change lanes or direction with quick, responsive steering and a tight 31.2 foot turning circle. Parking's a snap, too, because the Rabbit will fit into a space two feet shorter than some of the newest "alphabet" cars.

This year Volkswagen's made it even simpler to conserve fuel. Every model with a manual transmission has a unique upshift light that tells you when you can save gas (or diesel fuel), by shifting into a higher gear. The solid state system takes into consideration the engine's load and speed or car speed in relation to the transmission gearing.

It's another Volkswagen innovation, part of the Formula E program, to help you develop good driving habits when you require limited power. Naturally, there's an override feature when you need to accelerate quickly, and the light is dimmed automatically at night. It's sophisticated but it works. Of course it works, it's from Volkswagen.

A. Reclining bucket seats are a comfortable part of the Rabbit L.

B. Steering wheel angle and location of operating controls and instruments have been carefully considered. Radio is available at extra cost.

C. Rabbits with a folding rear seat let you store luggage four ways (clockwise from upper left): 1—hidden below the hatch cover; 2—with the hatch cover (shown raised) folded behind the seat back; 3—with the seat back folded down; 4—with the seat back and cushion folded forward.

D. Unique E-mode feature of the automatic transmission for the diesel Rabbit lets you stop power transfer when coasting or when waiting at traffic lights. The advantage is a steady, smooth diesel engine at idle without "traffic light creep." Just press the accelerator pedal to reestablish power transfer.

E. Mahogany Rabbit L with cloth upholstery and extra cost radio and trim rings.



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Rabbit L

YOU WON'T BE NEEDING ANOTHER NEW CAR FOR SOME TIME, SO EQUIP YOUR RABBIT FOR THE MILES AHEAD.

Fortunately, Volkswagen gives you a choice between Rabbit models and different standard and optional equipment. And we have a suggestion on who to ask for assistance in tailor-making your Rabbit. It's your Volkswagen salesperson.

For example, you can have your Rabbit in its most frugal fashion without missing a single reliability feature. Or, in the most luxurious version, the LS, enjoy deeper cut-pile carpeting below and an optional sliding steel sunroof above — with velour upholstered reclining bucket seats in between.

If you plan to journey down life's longer roads and your absolute necessities include the highest possible mileage for the maximum number of years, select the Rabbit diesel engine* matched with a four-speed stick shift — available in the L or LS models.

Another option to become available is high-response power-assisted steering that's ideally teamed to a three-speed automatic transmission.

Also consider adding the Custom Value Package to the Rabbit L. This would give you many of the extra features found in the LS, including front vent windows, dual remote controlled mirrors, an intermittent wiper, a fully carpeted luggage area and even a vanity mirror.

To arrive relaxed and comfortable, consider air conditioning your Rabbit. Your Volkswagen representative can easily give you a demonstration of its efficiency, especially on a hot, humid day. You'll also want to select an AM/FM radio, a stereo sound system or any number of popular accessories.

*1982 EPA (Diesel)

Ⓢ estimated mpg, 58 highway

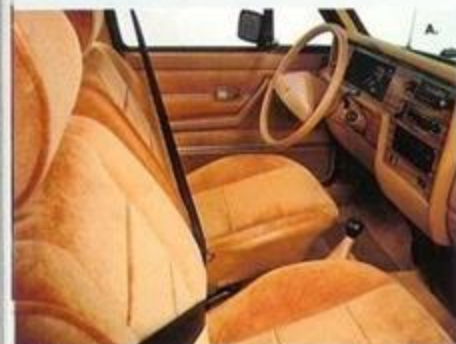
Use estimated mpg for comparison to other cars. Your actual mileage will vary with speed, weather and trip length. Highway mileage will probably be less.

A. If you consider the Rabbit only as an economy car, then the LS interior may surprise you with its velour upholstery and attractive wood grain finish dashboard. The radio is available at extra cost.

B. Generous interior dimensions and ambience also have been provided for rear passengers.

C. When open, the Rabbit LS hatch automatically lifts the luggage area cover.

D. Forest Green Metallic Rabbit LS with extra cost radio.



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Rabbit LS

YOUR BEST ALTERNATIVE TO A RABBIT IS A DIFFERENT RABBIT.

Not only has there been a steady development of the original Rabbit, but we've expanded the variety of models and equipment. For the driver whose prowess behind the wheel is a cut above average, there's the Rabbit S — distinctively detailed outside and inside to immediately set it apart.

The Rabbit S has a front spoiler that's very obvious. It's one of some impressive additions that make a good handling car into an even better one. A closer look will reveal wider, trimmed rims and larger 175/70R13 steel-belted radial tires.

To go with the increased roadholding, the Rabbit S has the five-speed Formula E transmission. The lower three gears provide quick acceleration and the tall top gears lower the speed of the fuel-injected engine while cruising.

Inside the Rabbit S a tachometer is included in a full complement of instruments, and there's a sports steering wheel plus controls for the dual outside mirrors. It's quite a package, but as different an alternative as it is, it's still a Rabbit.

A. Rabbit S with Autumn Tan interior is available with Burnished Gold (shown) and Forest Green Metallics, Mahogany and Black.

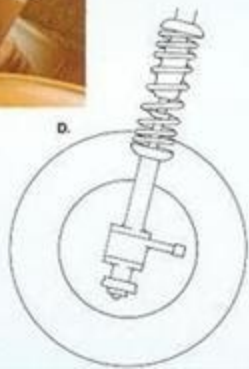
B. and **C.** Sport steering wheel marks the Rabbit S along with special instrumentation and a five-speed transmission. AM/FM radio and air conditioning are extra cost.

D. MacPherson strut front suspension has a shock absorber mounted inside a coil spring. Volkswagen angles the strut to the rear for improved directional control.

E. Rabbit S with extra coast radio.



E.



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Rabbit S



GREAT EXTRAS THAT RAISE A RABBIT TO THE HIGHEST STANDARD.



A sliding steel sunroof, shown on a Rabbit S, can be ordered to brighten your day. It comes with a deflector to increase ventilation without having to cope with gale force winds.



The Rabbit diesel engine can be installed in an L or LS. It comes with a heavy-duty battery to quickly heat the glow plug in the swirl-tube combustion chambers.

(Above) Dress up your Rabbit with optional styled alloy wheels and larger steel-belted radial tires.



The smooth shifting five-speed transmission standard in the Rabbit S can be ordered with the gasoline or diesel powered L or LS models.



An air conditioner will quickly dehumidify and cool down your Rabbit. It's factory installed and fully integrated with the heating system.



Consider adding an automatic transmission to your Rabbit L or LS. Shown is the quadrant for the one available with a gasoline engine.



The Rabbit LS features a passive restraint system that's also available at extra cost on the L. It's an effective, comfortable and recommended way to automatically "buckle up."



An electrically-heated rear window (standard on the L, LS and S) deserves its own wiper and washer. Add this option to increase visibility in bad weather.

1982 RABBIT SPECIFICATIONS

BODY DIMENSIONS AND CAPACITIES

Unit body/chassis construction with bolt-on front fenders, two or four doors with rear hatch supported by a pneumatic spring.

Length	155.3"
Wheelbase	94.5"
Width	60.4"
Height, unloaded	55.5"
Track, front/rear	54.7/53.1"
Ground clearance	4.8"
Hatch opening	51.7/29.5"
Luggage capacity, seat up/down (SAC cu ft.)	14/22/6

ENGINES COOLING AND FUEL SYSTEMS

Four-cylinder transverse-mounted engines with cast iron block and aluminum alloy cylinder head, belt driven overhead camshaft. Water-cooled with pressurized, cross-flow radiator, thermostatically-controlled 200-watt fan. Fuel tank capacity 10.0 gallons. Gasoline engine.

Fuel-injected with metering valve controlling continuous flow to injectors at each intake valve. Unleaded gasoline required. Optional Diesel engine. Fuel injection through a belt-driven distribution pump into "swirl" chambers pre-heated by fast-acting (less than 12 seconds at 0°F) glow plugs. No. 2 diesel fuel required.

ENGINE SPECIFICATIONS

	STANDARD GASOLINE	OPTIONAL DIESEL
Bore x stroke, in.	3.13 x 3.40	3.01 x 3.40
Displacement, cu. in./cc.	105/1715	97/1586
Compression ratio	8.2:1	23.0:1
Horsepower (SAE net) @ rpm	74 @ 5000	52 @ 4000
Torque (SAE net) foot-pounds @ rpm	89.6 @ 3000	71.5 @ 2000

ELECTRICAL SYSTEM

12 volt with 55 amp alternator, (65 amp with air conditioning), 54 amp/hr battery (63 amp/hr with Diesel) and breakerless transistorized ignition.

DRIVE TRAIN

Front wheel drive with twin constant-velocity jointed drive axles. Single dry plate clutch. Fully synchronized manual transmission incorporating an uphill indicator light.

TRANSMISSION RATIOS

	STANDARD 3+1 MANUAL	OPTIONAL 4+1 MANUAL	OPTIONAL 3 SPEED AUTOMATIC
First	3.45:1	3.45:1	2.55:1
Second	1.75:1	1.94:1	1.45:1
Third	1.06:1	1.29:1	1.00:1
Fourth	.70:1	.91:1	—
Fifth	—	.71:1	—
Reverse	3.17:1	3.17:1	2.46:1
Final drive	4.17:1	3.89:1	3.56:1

STEERING SYSTEM

Maintenance-free rack and pinion with double pivot column. Ratio 20.8:1, turning circle (cut-to-cut) 31'2". Turns lock to lock 3.9.

FRONT SUSPENSION

Independent MacPherson strut with coil springs and telescopic shock absorbers. Negative steering roll radius.

REAR SUSPENSION

Independent stabilizer add with trailing arms, coil springs and telescopic shock absorbers.

BRAKE SYSTEM

Power-assisted with 9.4" front discs and 7.1" rear drums, self-adjusting. Dual-diagonal hydraulic circuits. Mechanical handbrake on rear wheels.

WHEELS AND TIRES

	RABBIT 1.6 L	RABBIT 1.8
Rim size	4 1/2 x 13	5 1/2 x 13
Tire type	Steel belted radial	Steel belted radial
Tire size	P55/R09P13	P75/R09P13

Volkswagen of America, Inc. believes the specifications in this brochure to be correct at the time of printing. However, specifications, standard equipment and options are subject to change without notice. Some options may be unavailable when your car is built. Please ask your dealer for advice concerning current availability of options and verify that your car includes the optional equipment you ordered.

RABBIT EXTERIOR COLORS



EXTERIOR COLOR AVAILABILITY

	Rabbit Rabbit Rabbit		
	L	LS	S
MOJAVE BEIGE		X	X
CASHMERE WHITE	X	X	X
LAGO BLUE	X	X	X
ROYAL RED	X	X	X
MALIBU		X	X
FOREST GREEN METALLIC		X	X
BURNISHED GOLD METALLIC		X	X
DIAMOND SILVER METALLIC	X	X	X
SLATE GREY METALLIC	X	X	
BLACK	X	X	X

Metallc paint is extra cost



MOJAVE BEIGE

CASHMERE WHITE

LAGO BLUE

ROYAL RED

MALIBU

FOREST GREEN METALLIC

BURNISHED GOLD METALLIC

DIAMOND SILVER METALLIC

SLATE GREY METALLIC

BLACK

Jetta
Rabbit &
Convertible
Scirocco
Nothing else
is a Volkswagen.
Quantum
Vanagon &
Camper
Pickup

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