

Corrado





**Your invitation
to a fine German
performance.**

From its distinctive contemporary lines to its powerful supercharged engine, the Volkswagen Corrado boldly signifies the start of a new era in driving excitement.

Starting with a 1.8 litre 158 hp

supercharged engine that delivers every ounce of the invigorating power alluded to in the sports car's windswept profile.

Supported by a full range of performance features such as front-wheel drive, power-

assisted rack and pinion steering, automatic rear spoiler and ABS anti-lock disc brakes.

All designed to keep you in total control, and let you take full advantage of the Corrado's precise handling and powerful

sports car capabilities.

Complemented, of course, by an equivalent level of driver and passenger comfort within.

And as much as the Corrado embodies all the latest advancements in Volkswagen perfor-

mance, technology and styling, it also maintains its proud Volkswagen heritage of German-engineered reliability.

The Corrado. Every inch a sports car.

Every inch a Volkswagen.



Designed by the wind.

The Corrado's sleek design is a product of repeated wind-tunnel testing, and painstaking attention to exterior fittings and details.

The body is a harmonious and totally integrated unit.

The net result is a striking

sports car with a very impressive drag coefficient of merely 0.32.

To increase high speed stability and handling, the rear spoiler of the Corrado automatically raises at 72km/h, reducing rear end lift by up to 64% at high

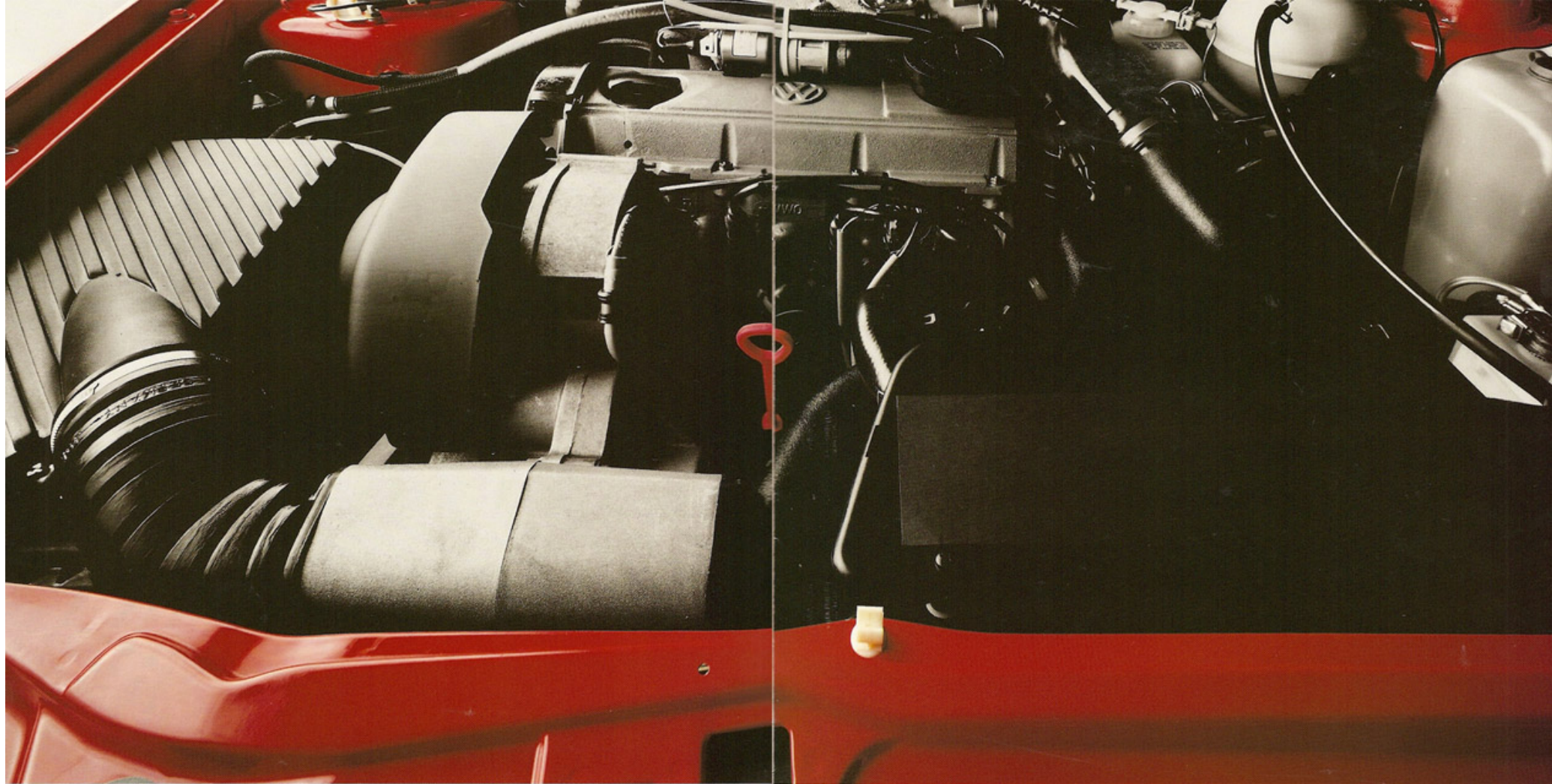


speeds. At low speeds, the spoiler automatically retracts to the normal integrated body position.

The streamlined body is assembled by one of Europe's oldest and most respected custom coachbuilding firms, Karmann

Coachworks, who also assemble the renowned Volkswagen Cabriolet, Scirocco, and other fine European automobiles.

When art meets science, the result is the Corrado. A car as exciting as it looks.

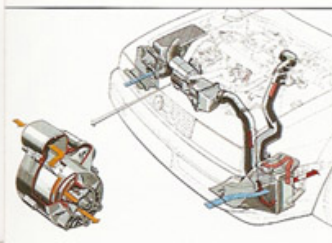


**The G60
supercharger.
A product
of Volkswagen's
accelerated thinking.**

At the heart of the Corrado is Volkswagen's exclusive G60 supercharger, which gives the 158 hp 1.8 litre fuel-injected 4-cylinder engine an amazingly powerful boost.

The G60 supercharger features

a spiral-shaped chamber that resembles a nautilus shell or the letter "G." The supercharger is belt-driven via the crankshaft which results in engine response without the throttle lag often associated with turbochargers.



Put your foot down and you'll get instant results, no matter what the gear or rpm.

As air moves through the supercharger, it heats up. Therefore, an intercooler is used to cool the air 55°C, increasing its

density. The result is added engine output at all speeds, and less heat-related wear and tear.

Experience the powerful performance and supercharged excitement of the Volkswagen Corrado.



Where great relationships begin.

The instant you slip behind the leather-wrapped steering wheel of the Corrado, you will recognize the intelligence of a well-designed cockpit. All controls have been conveniently located within easy reach, ensuring

comfort, safety, and the freedom to concentrate on the sheer pleasure of driving.

The instrument panel is highly legible, and dominated by three large, white-on-black analogue gauges; a speedometer, tach-

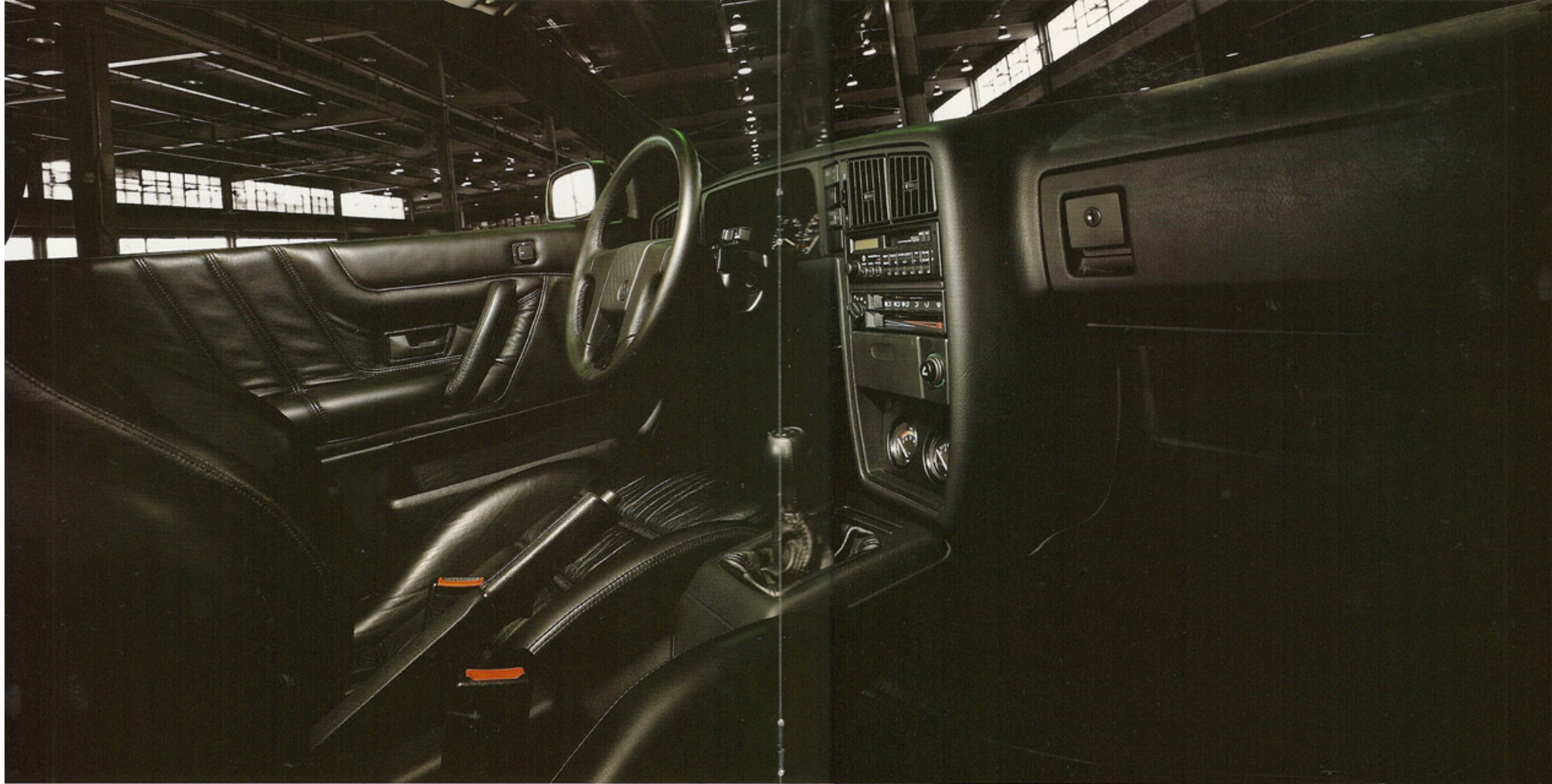


ometer, and a combination coolant temperature and fuel level monitor. On the left side of the panel is the digital multi-function trip computer.

The gear-lever in the Corrado operates an all-new cable

activated 5-speed shifter, ensuring fast and precise gear changes.

The interior of the Corrado reflects the perfect integration of comfort and safety. But then, what else would you expect from a German-engineered Volkswagen?



Comforting thoughts for the demanding driver.

A ride in a sports car should be as comfortable as it is exciting. Hence the ergonomic design and spacious interior of the Corrado.

The front sport seats have been anatomically designed to provide firm, lateral support when

cornering at high speed. They are height-adjustable and heatable. Supple leather covering is an available option.

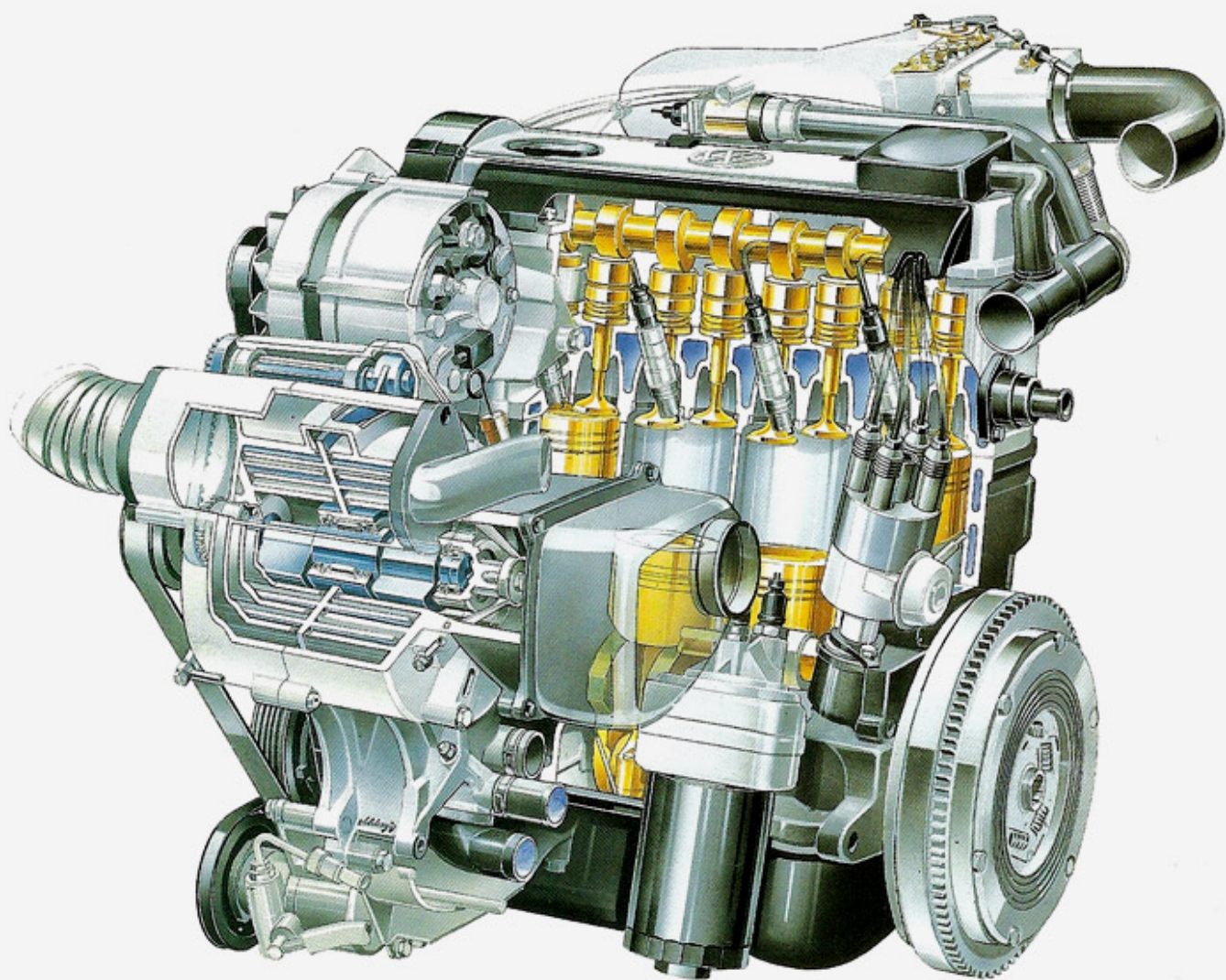
The rear seats are also deeply contoured and include integrated headrests. A centre armrest



with storage bin separates them. Their size and shape have been designed to accommodate adults fully and comfortably. The rear seat backs are split asymmetrically ($\frac{1}{2}$ to $\frac{3}{4}$), and fold for greater versatility.

Power windows, mirrors and door locking system are standard, as is air conditioning.

The Corrado; where the pure pleasure of the drive is complemented by the total comfort of the ride.



Digifant controlled fuel-injection system.

The Digifant engine management system in the Corrado is the same proven technology that has been in use in Volkswagens around the world for years.

It consists of a computerized electronic system that monitors a variety of engine functions to ensure optimum engine performance.

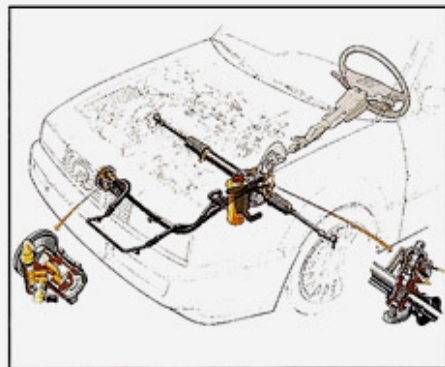
A pressure sensor monitors air

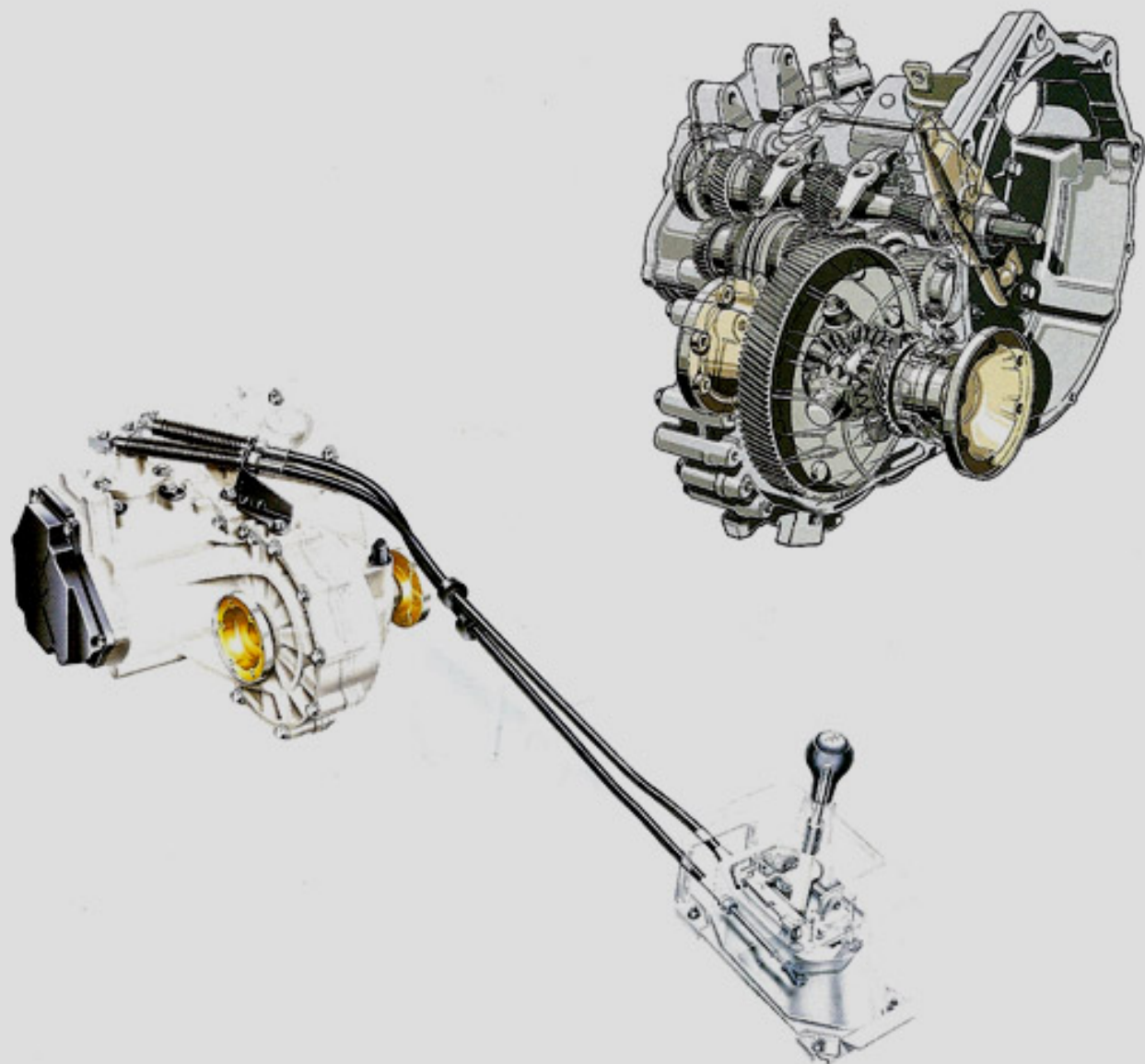
flow to the control unit. Then, on the basis of engine speed and other factors including air and engine temperatures, the exact fuel mixture is calculated and the injection timing and duration established.

In addition, the same second-by-second computer evaluation determines the correct ignition timing for each cylinder and power stroke, resulting in maximum performance and fuel efficiency.

Power-assisted steering.

The type of steering system in a performance sports car must





ensure that the driver is always in complete control.

The Corrado utilizes a rack-and-pinion steering system, known for its quick response and excellent road feel.

The steering is power-assisted, which allows the driver the power to turn the wheel with less effort when parking and travelling at slow speeds, and gives the driver more road feel when driving at higher speeds.

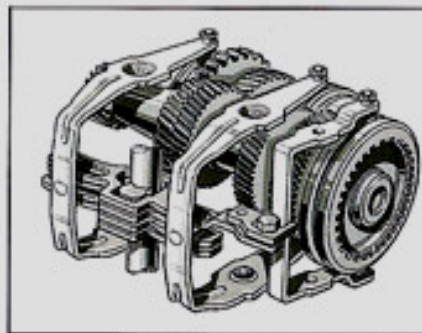
Precise gear shifting.

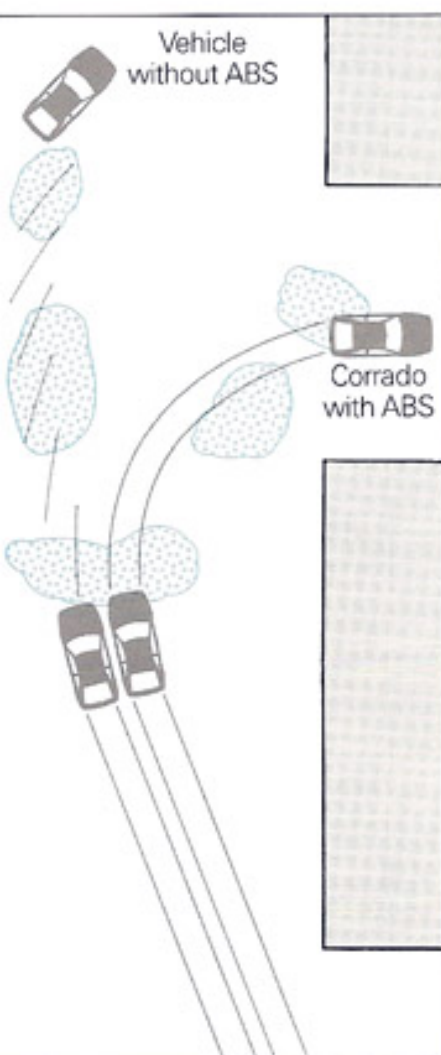
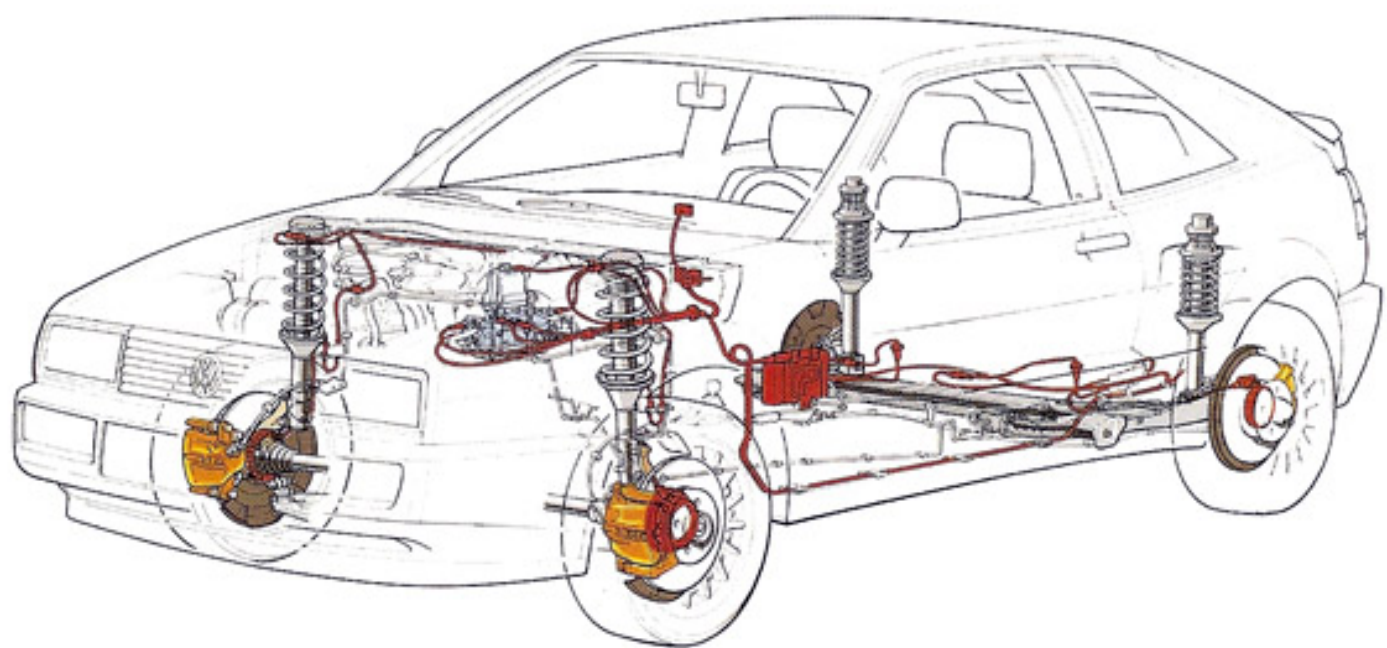
To optimize the Corrado's performance capabilities, Volkswagen adopted a cable gear shifting system.

A pair of Bowden cables have been used in place of a rod-type shifter linkage to ensure light, fast and precise shifts.

Volkswagen has also designed a new gearbox to handle the higher torque loads imposed by

the supercharged engine. It is small, light, and features a double synchronizer on second gear for positive shifts on the most frequently used acceleration gear.





Anti-lock braking system.

When braking hard under adverse or performance conditions, it is imperative to maintain directional control. That's why the ABS anti-lock braking system is a standard feature in the Corrado.

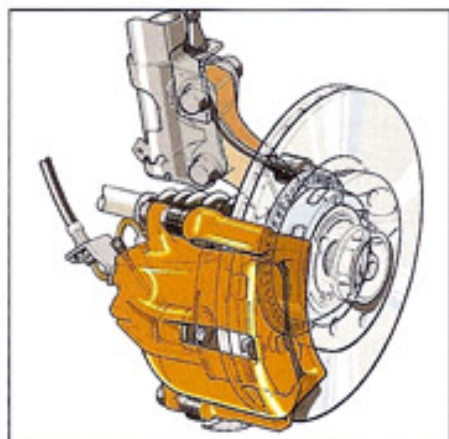
Each wheel is monitored by a sensor which tells a computer as soon as that brake starts to lock. The computer then feeds information back to the system which in turn modulates that brake up to 15 times per second, so that each of the brakes will be gripping to their utmost capacity. This results in the surest, safest stop possible while maintaining directional control of the vehicle.

The anti-lock 4-wheel disc brake system has dual diagonal independent brake circuits for

additional safety. This means that in the unlikely event that one brake line failed, the other circuit would still provide balanced, controlled braking.

Ventilated front discs.

Because the front brakes bear the brunt of the stopping force on a sports car in hard driving or performance situations, they are subject to extreme heat. This





AM/FM stereo full logic cassette sound system.

Corrado's special features.

The Corrado has been equipped with several convenient features designed with your safety and comfort in mind.

For example, the multi-function trip computer instantly calculates driving time, distance covered, average speed, engine oil and ambient temperature, all by the simple push of a button on the end of the wiper stalk.

Then there's the AM/FM stereo cassette sound system, an audiophile's delight. It has automatic scanning so you don't have to take your eyes off the road to find the station you want.

These and other special features have all been designed to make your life behind the wheel of the Corrado safer and easier.



Height-adjustable and heatable front sport seats.



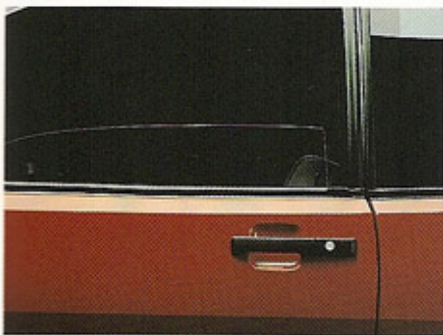
Tilt steering wheel.



Multi-function computer.



Power side-view mirrors.



Power windows.



Individually-adjustable air conditioning, heat and ventilation system.



Two-way tilt and retract sunroof (optional).

Volkswagen warranty protection.

Your Corrado is the product of the latest technological innovations, solid engineering and superb craftsmanship. And because Volkswagen believes in what they build, they back it with a 24-month unlimited mileage bumper-to-bumper warranty. Ask your Volkswagen dealer for full details.



Guaranteed Mobility.

In the unlikely event that your new Corrado develops a mechanical problem, your car is covered by Volkswagen's Guaranteed Mobility program.

Should you become stranded due to mechanical failure at any time, any day of the year, anywhere in Canada or the United States, all you have to do is call our toll free number (Canada: 1-800-263-7601; U.S.: 1-800-782-7887). You and your car will be delivered quickly and safely into the capable hands of an authorized Volkswagen Dealer. If a Volkswagen Dealer is more than 120 kilometres away, we will tow you to the nearest participating service centre. In some instances, we will even provide overnight hotel accommodation or a loaner car. Free of charge. Guaranteed Mobility is good for 6 years, as long as regular maintenance and repairs are performed by an authorized Volkswagen dealer. Your dealer has full details.

6-year corrosion protection.

Your new Corrado is covered by a 6-year corrosion perforation warranty no matter how far you drive. This warranty covers any repair or replacement of body sheet metal parts that have been perforated by rust. Repairs under this warranty are made free of charge. Your Volkswagen dealer will repair any defective part or replace it with a new genuine Volkswagen part. Because your Corrado is corrosion protected at the factory, there is no need to purchase additional rust-proofing. You may not be thinking 6 years ahead, but it's good to know Volkswagen is.

Electronic security coded stereo system.

The AM/FM stereo full-logic cassette Electronic Tuning Radio in your new Corrado is an audiophile's delight. Therefore it's been given a special code known only to you so that its full range sound remains for your ears only. Should power to the unit be disconnected, the security code must be re-entered for it to work, thereby discouraging theft.

Setting standards.

- 1.8 litre, 158 hp engine
- G60 supercharger with intercooler
- Digifant fuel injection
- 5-speed, close-ratio manual sports transmission
- Front-wheel drive
- Electronic anti-lock braking system with 4-wheel discs, and brake pressure regulator
- MacPherson strut front suspension with lower wishbones, anti-roll bar and track-stabilizing steering roll radius
- Rear torsion beam trailing arm with track-correcting mountings, spring dampers and anti-roll bar
- Aerodynamic halogen headlights
- 6J x 15 light alloy wheel rims
- 195/50 VR 15 radial tires
- Power-assisted rack and pinion steering
- Automatic rear spoiler extends at speed to reduce lift
- Integrated front bumper/air dam
- Height-adjustable, fully reclining front sport seats
- Leather-wrapped tilt steering wheel
- Cruise control
- Air conditioning
- Power windows
- Central door locking system
- Electronic trip computer
- AM/FM stereo full-logic cassette ETR sound system with Electronic Security Code protection
- Tachometer
- Rear wiper/washer with intermittent feature
- Heatable windshield washer nozzles

Options.

- Leather seats
- Power tilt/slide sunroof

1990 Corrado Specifications.

ENGINE

Type	Water-cooled, front mounted
No. of cylinders	Four in line, single overhead cam
Bore & stroke	81.0 mm x 86.4 mm
Displacement	1781 cc
SAE net HP @ rpm	118 kw/158 Hp @ 5600 rpm
SAE net torque	225 N-m/166 ft. lbs. @ 4250 rpm
Compression ratio	8.0:1
Fuel system	Digital fuel injection (catalyst) - supercharged and intercooled
Fuel requirement	Unleaded (premium recommended)
Fuel capacity	55L
Oil capacity (incl. filter)	4.4L
Battery	63 Amp
Alternator	90 Amp
Type of ignition	Digital electronic with knock sensor

DRIVE TRAIN

Type	Front-wheel drive
Clutch	Dry, single plate
Manual transmission	Fully synchronized, close ratio, 5-speed
Automatic transmission	N/A
Gear ratios	3.78/2.11/1.34/0.97/0.80/R3.80
Final drive	3.68

CHASSIS

Body	Aerodynamic, all steel unitized, bolt-on front fenders, energy absorbing safety cell
Front suspension	Independent MacPherson struts, stabilizer bar, coil springs, telescopic shock absorbers
Rear suspension	Independent stabilizer axle, stabilizer bar, coil springs, telescopic shock absorbers
Braking system	Power-assisted, dual diagonal circuits with ventilated discs at front, solid discs at rear
Parking brake	Mechanical, effective on rear wheels
Rim size	6Jx15 light alloy
Tire type/size	195/50 VR 15 radial tires
Steering system	Power-assisted rack and pinion
Turning circle	10.5 m (curb to curb)

DIMENSIONS

Wheel base	247 cm
Track front	143.5 cm
Track rear	142.8 cm
Overall length	404.8 cm
Overall width	167.4 cm
Overall height (unladen)	131.8 cm
Ground clearance (laden)	117 cm

FUEL CONSUMPTION* AND PERFORMANCE

Urban L/100 km	11.8
Highway L/100 km	6.0
Acceleration:	
0-100 km/h (sec)	8.3

*Estimated ratings based on Transport Canada approved test methods. Your actual fuel consumption may vary.

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