

1997 MODELS EDITION NUMBER 1

# CALIBRA

FROM VAUXHALL

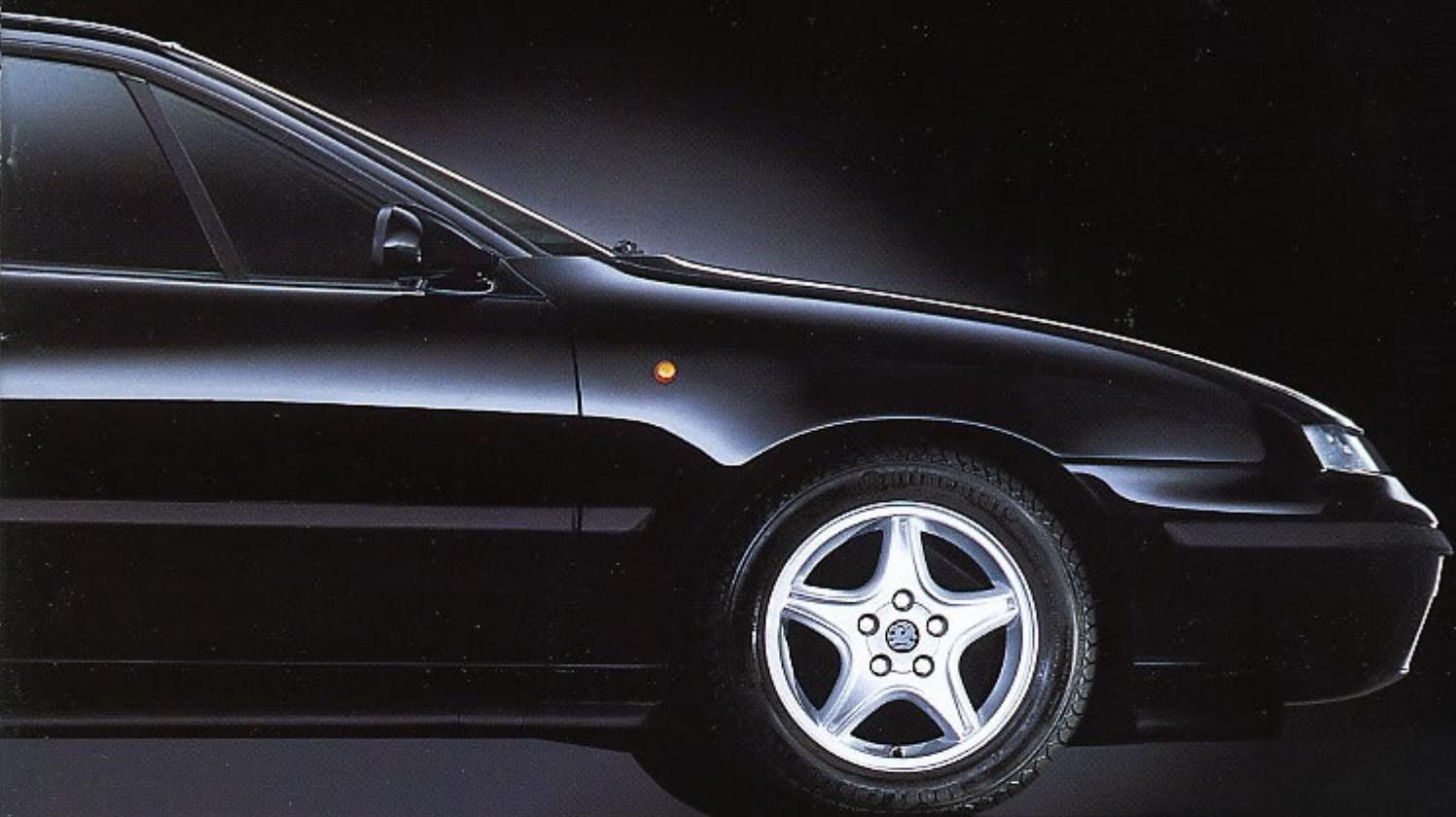


**VAUXHALL**



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## CALIBRA

*Calibra. A masterpiece of modern automobile design. A triumph of form and function. Its dramatic lines heralded the renaissance of European coupé styling and Calibra continues to set the design standards by which others are judged. And with a choice of two advanced engines – including a powerful V6 – Calibra's performance profile is more than a match for those breathtaking looks.*



Sleek thrills



The 1997 Calibra is a car designed to stir the emotions. Every aspect of its dramatic character ensures that this objective is more than fulfilled. Calibra is as exciting, exhilarating and purposeful as it is practical, efficient and versatile. But, above all else, it looks as stunningly beautiful as ever.

That sleek bodywork cuts such a smooth passage through the air that Calibra records one of the lowest drag factors of any

production car in the world – aiding performance and bringing better driving stability, better fuel efficiency and minimal wind noise. And yet, Calibra also remains a wildly practical motor car. There's ample room for four inside and a surprising amount of luggage space.

Just occasionally, when art and science combine, the result is near perfection. Calibra. The definitive coupé.



Powerful emotions



Calibra's perfect curves speak for themselves, but beneath that vivid bodywork lies a choice of two smoothly powerful engines and a wealth of advanced engineering technology to ensure Calibra performs every bit as good as it looks.

On the move, the superbly balanced power assisted steering responds satisfyingly quickly to input via the four-spoke wheel.

Certainly the car's handling characteristics are everything you'd expect from finely tuned independent suspension with gas

pressure dampers, front and rear anti-roll bars, anti-dive geometry and ultra-low profile tyres. V6 models also feature a new, five-spoke alloy wheel design.

Stopping power is equally impressive – large diameter rear disc brakes and ventilated front discs combined with electronic anti-lock braking make sure of that. The more powerful V6 models also benefit from traction control which automatically controls wheelspin under difficult or slippery conditions.



## Inside story



*Living with Calibra, you quickly come to appreciate the car's wide array of features and refinements.*

All of Calibra's controls are carefully sited for ease of operation while the instrument cluster's white-faced 'vision' dials and gauges provide reliable and accurate driver information with just the briefest of glances. Additional oil pressure and voltmeter dials in the centre console and, new for '97 on V6 models, a seven-function trip computer increase that level of information still further.

Calibra also provides a superbly efficient heating and ventilation system and, for

1997, V6 models even benefit from full CFC-free air-conditioning (including the glovebox) as standard ensuring the perfect driving environment all-year round.

For additional entertainment on the move, every Calibra has a superb audio system equipped with the latest RDS services, including Traffic Programme. A stereo radio and cassette player is standard on 2.0i 16-valve models while the V6 features a combination stereo radio and compact disc player.



Wildly practical

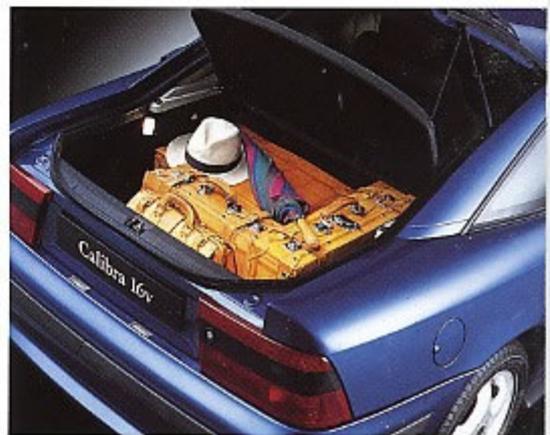


*Calibra's surprisingly spacious, full four-seater interior continues to reward the eye just as richly as it indulges the other senses.*

Certainly, from the moment one eases into Calibra's deeply sculpted sports front seats, there can be no doubt: this is a driver's car with a genuine sporting heritage.

Supple Anthracite leather seat trim underlines that sporting promise and is standard on all models. If preferred, Cream leather seat trim is available as an alternative, while Lens cloth seat trim can be specified at reduced cost.

Calibra also remains a supremely versatile vehicle. The spacious passenger compartment has more room in the back than its rakish glass line would suggest. Boot space is also surprisingly good by any standards – and enormous for a coupé. The rear seats fold forward to give 980 litres (34.6 cu.ft.) of usable load space while a 60/40 split-folding rear seat provides still more versatility.





Winning breed





*Proving that the Calibra is much more than just a pretty face, the high performing coupé has also proved a hit in Europe's most powerful saloon car racing series, the International Touring Car Championship.*

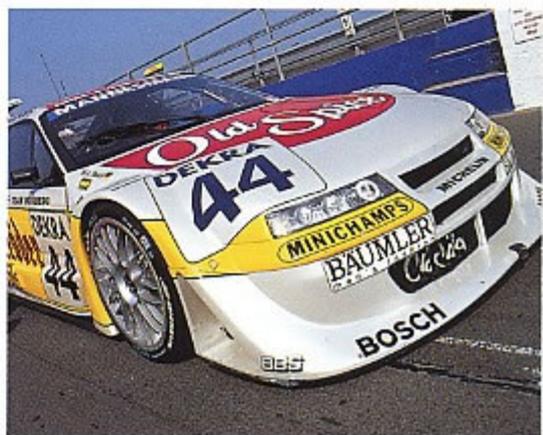
The stunning looks of the Vauxhall Calibra are a front-runner on the racetrack too, attracting some of the world's top racers to get behind the wheel of the 'super-coupés' in the International Touring Car Championship which includes races in Germany, Portugal, Finland, Brazil, Japan, Great Britain, France and Italy.

The Calibras have achieved enormous success over the might of reigning champions Mercedes and Alfa Romeo this season and currently dominate both the

drivers' and manufacturers' championships.

The squad of Calibras has stormed home to six race victories and an endless succession of strong podium finishes in nearly every round so far this season – and their all-conquering racing performance is set to continue.

The Championship, run for what are known as 'Class 1' touring cars, is regarded as the most technically advanced motor racing series in the world.





The racing Calibras use technology now banned, as being too sophisticated, from Formula One. Under the coupe's stunning bodywork lies a complex four-wheel drive system featuring electronic traction control, ABS anti-lock brakes and a hydraulic variable-rate power-steering and suspension system. These along with a computer-controlled semi-automatic six-speed gearbox, are actually developed from systems formerly used on the World Championship-winning Williams Formula One cars!

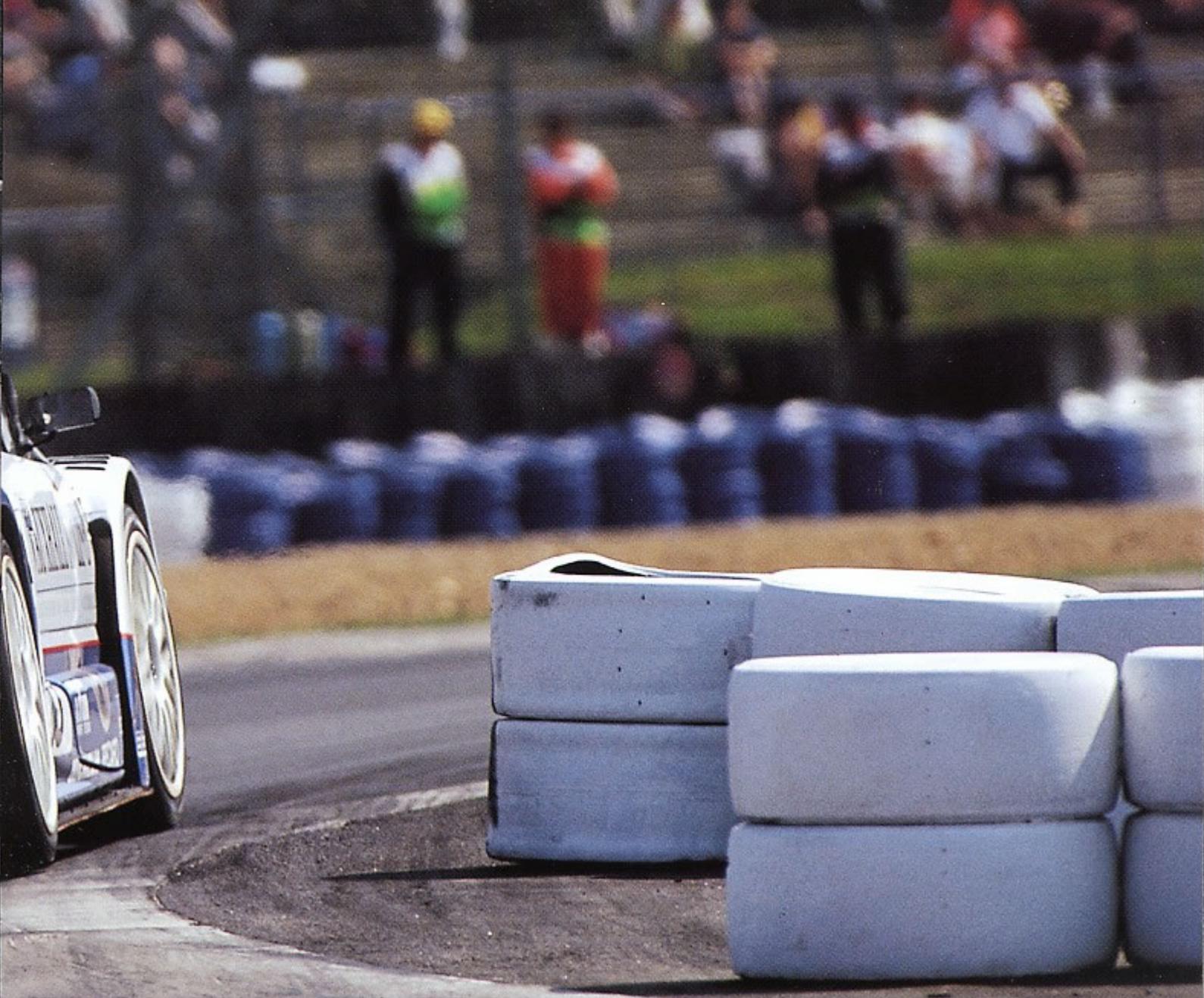
The Vauxhall racers are based on the Calibra 4x4, but with turbocharged engines outlawed from the International Touring Car series, they utilise a tuned 24-valve V6 engine. This ultimate development of the V6 is a true racing thoroughbred, howling to over 11,500rpm and producing over 500bhp to propel the Calibra to a top speed of close to 200mph.

The purebred racing coupés have attracted some of the best names in motor racing including the 1982 Formula One

World Champion Keke Rosberg.

The Finn runs his own team which last season enticed the reigning German Touring Car Champion Klaus Ludwig to leave Mercedes Benz and place his coveted number one on the nose of a Calibra. This year Ludwig has switched camps to race in the Zakspeed Calibra alongside Opel's new addition Uwe Alzen.

Opel Team Rosberg this season boasts the services of former Grand Prix star JJ Lehto and German touring car legend



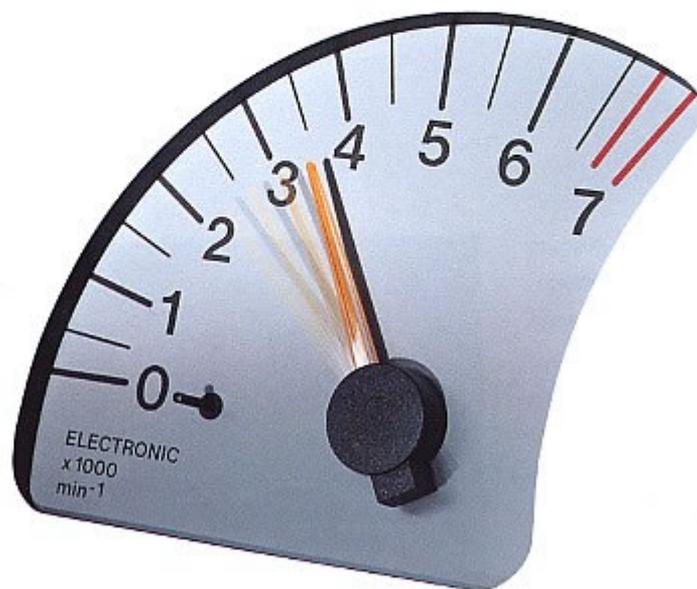
Hans Stuck. Championship leader, Manuel Reuter currently heads the Championship by over 50 points in his Opel Team Joest prepared Calibra.

Also in the Joest Team's '96 line-up are Yannick Dalmas, together with Britain's Oliver Gavin, the reigning British Formula Three Champion and Austria's Alexander Wurz. It's a fitting international line-up, for a truly international racing series. And that gives the Calibra the ideal arena to prove it's the best racing coupé in the World!





## Power choice





*Calibra engines deliver an optimum combination of power and efficiency, returning excellent fuel consumption figures coupled with outstanding performance.*

The brilliantly innovative, British-built ECOTEC-V6 is the result of four years' development by some of the world's leading engine specialists. The ECOTEC philosophy (Economy, Ecology, Technology) demands state-of-the-art environmental features, excellent fuel-economy and supreme refinement – all combined with effortless performance. This fuel-injected, quad-cam, multi-valve unit offers a satisfying 170PS at 6000rpm and a very wide spread of torque, peaking at 227Nm at 4200rpm.

The advanced 2.0i 16-valve ECOTEC-4 unit offers a persuasive blend of performance and driveability, providing all the excitement of a sporting engine combined with consideration for the environment. Maximum output is a substantial 136PS at 5600rpm while torque is an impressive 188Nm at just 3200rpm, with consistently high levels over a wide rev band. Torque output has been improved on 1997 models by the addition of a new variable intake manifold.





A fusion of art and technology





*Calibra utilises an impressive array of modern technology to ensure that its appeal is much more than skin deep.*

**Computer-controlled automatic transmission**

Vauxhall's advanced, electronically controlled, four-speed, three-mode automatic transmission is available at extra cost on all models. In selecting ECONOMY, the highest ratios are engaged as quickly as possible to optimise Calibra's cruising potential. WINTER mode reduces the risk of wheelspin when starting from rest in slippery conditions. SPORT allows higher engine speeds for maximum performance.

**Traction control**

Traction control is fitted as standard on Calibra V6. Working through the ABS brake sensors, the system automatically cuts in if any slippage of the front wheels is detected, adjusting the engine's throttle to regain maximum traction. It is especially useful when accelerating, overtaking, cornering and hill-climbing, particularly in slippery conditions. The system can be switched off if desired.

**Electronic ABS**

The latest generation four-channel, electronic, anti-lock braking system (ABS) is standard on Calibra, working in conjunction with updated all-round disc brakes. With sensors on each wheel the ABS control unit can adjust braking pressure many times a second to prevent wheel lock-up and skidding, leaving the driver to steer clear of trouble.



## Safety and security

### **Full-size airbags**

Calibra was one of the first coupés to incorporate a driver's full-size airbag as standard, while an even bigger, 140 litre front passenger airbag is standard on V6 models and available at extra cost on the 2.0i 16-valve. Both are automatically triggered by frontal impacts at speeds above 20mph and inflate in under a tenth of a second. These full-size airbags are around twice the size of the smaller 'Eurobag' used by some manufacturers.

### **Twin side impact bars**

Like all other Vauxhall models, the Calibra bodyshell is based around a hugely strong and rigid passenger safety cell, protected front and rear by computer-optimised deformation zones. Forming the final link in that protective cage, Calibra has twin, built-in, heavy-duty steel bars fitted to both side doors, offering excellent protection against side impacts.

### **Front seatbelt body-lock pretensioners**

The front seatbelt body-lock system is designed to give both front seat occupants extra protection in the event of a frontal collision. It comprises a seatbelt pretensioner that, under impact, automatically tightens the 'slack' in the seatbelt caused by clothing or posture and holds the occupant securely in their seat.



#### **Active safety**

Apart from these and the many other 'passive' safety features that help make Calibra one of the safest cars on the road, there are several 'active' safety features designed to help you avoid an accident in the first place. These start with the basic excellence of the chassis, braking and steering and continue with sophisticated systems such as traction control (standard on V6) and electronic ABS braking.

#### **Award-winning security**

Unfortunately, you won't be the only one to find Calibra style irresistible, so every model is protected by a host of security features. These include:

- Central locking with security deadlock system – includes doors, tailgate and fuel flap
- A sophisticated, ultrasonic alarm system incorporating a 'power siren'
- Vauxhall engine deadlock immobiliser electronically 'deadlocks' the car's engine,

making it impossible to run without the correct transponder-equipped key in the ignition

- Closure of powered windows possible from outside the car using door key
- Security-coded audio equipment. SC 303 unit also features a removable display
- All models fitted with locking wheel bolts



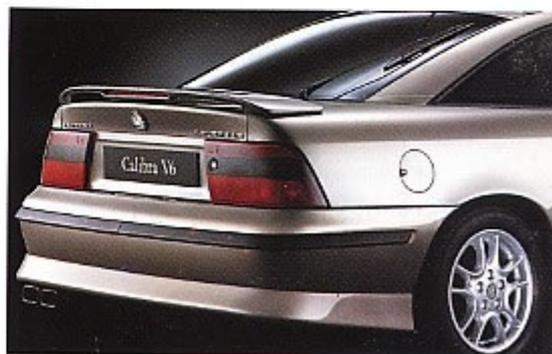
## Calibra accessories



*Vauxhall Approved accessories allow you to exploit the versatility of your Calibra to the full by creating a car totally in tune with your needs.*

Designed exclusively for your Calibra, Vauxhall styling products are the perfect way to enhance and personalise your vehicle. Each item has been developed in conjunction with the Vauxhall design team. All items are manufactured to the same exacting standards as the Calibra itself and carry the Vauxhall Approved label – your guarantee of quality and value.

- Front and rear spoilers
- Side sills
- Rear skirt
- Sports exhaust
- Suspension lowering kits
- Alloy wheels
- Steering wheels



VAUXHALL  LINE



## Calibra accessories

### Towing accessories

Vauxhall offers a full range of custom-designed towing equipment - all tested to the highest EU safety standards. The products available include:

- Tow bars
- Electrical coupling kits (single and twin socket)
- Towing mirror

### Protection

Complement your vehicle and protect against everyday wear and tear with a range of tailored accessories.

- Mudflaps
- Rubber and velour mat sets
- Boot anti-slip mat
- Headlamp protectors

### Roof carrier system

Ideal for transporting sports and recreation equipment, the Vauxhall roof carrier system consists of lockable base carrier to which you can add a range of specialist attachments.

- Bicycle carrier
- Boat carrier
- Luggage carrier
- Ski carriers
- Surfboard/windsurfer carrier
- Sportbox

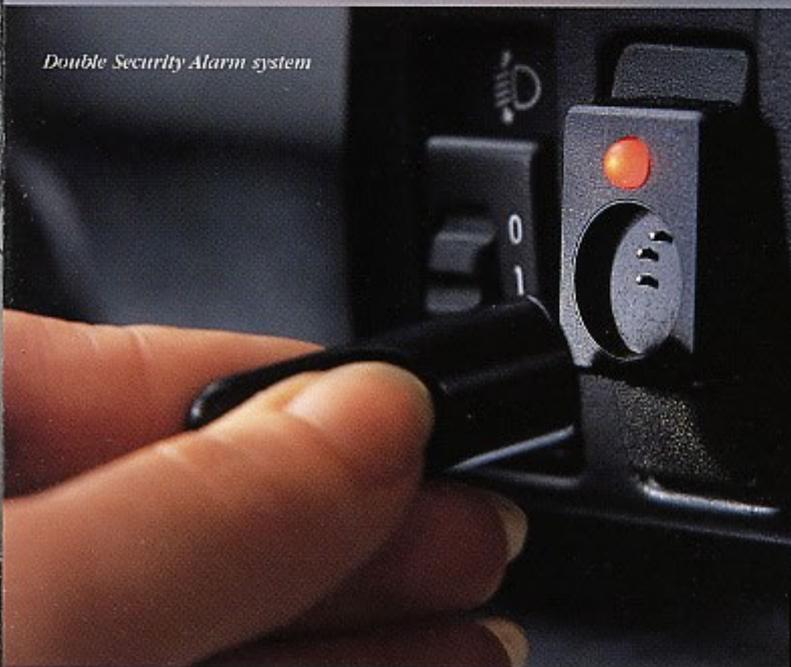
*Hazard warning triangle, fire extinguisher and spare bulb kit*



*Steering wheel security bar*



*Double Security Alarm system*



*Child seat*



### **Security**

A range of security products provides extra peace of mind.

- Double Security Alarm system with optional remote control
- Vehicle tracking systems
- Steering wheel security bar
- Gearlock

### **Safety**

A range of safety accessories provides additional protection for your family and caters for those unforeseen emergencies.

- High-level centre brake light
- Child seats
- Sunblinds
- Front fog lights
- Fire extinguisher
- First aid kit
- Hazard warning triangle
- Spare bulb kit

### **Audio**

Upgrade your listening pleasure with top quality audio accessories.

- Stereo radio/cassette/compact disc player with boot-mounted six-disc CD autochanger
- Cassette storage box

For further details please see your dealer or ask for a copy of the latest Vauxhall Car Range Accessories Brochure.



Driver's full-size airbag.



Oil pressure gauge and voltmeter.



Split-folding rear seat.



Illuminated vanity mirror.

## Specifications

Standard and optional features

2.0i 16v

2.5i V6

		Safety
•	•	Driver's full-size airbag
○	•	Front passenger's full-size airbag
•	•	Twin side impact door bars
•	•	Front body-lock seatbelt pretensioner system
•	•	Safety auto-reverse facility for electrically operated windows
•	•	Height-adjustable inertia reel front seatbelts
•	•	Two inertia reel rear seatbelts
•	•	Anti-submerging ramps in all seats
•	•	Laminated windscreen
•	•	Fully-adjustable front seat head restraints
•	•	Reinforced passenger safety cell and deformation zones front and rear
•	•	Four-wheel disc brakes
•	•	Electronic anti-lock braking system (ABS)
		Facia, instruments and controls
•	•	Rev counter
•	•	Oil pressure gauge and voltmeter mounted in centre console
•	•	Fuel gauge with low fuel level warning light. Water temperature gauge
•	•	Check control warning panel*
•	•	Trip odometer and instrument panel light dimmer
•	•	Digital dual information display featuring clock and outside air temperature
○	•	Seven function trip computer (replaces dual information display)**
•	•	Leather covered four-spoke steering wheel
•	•	Lockable, illuminated glovebox with asymmetrically positioned lock
		Audio equipment (see page 30 for details)
•	N/C	SC 303 stereo radio/cassette player with removable display and six speakers (replaces standard CD 300 unit if specified as a no cost option)
○	•	CD 300 stereo radio/compact disc player and six speakers (replaces standard SC 303 unit if specified as an option)
•	•	Radio data system (RDS EON) with Traffic Programme
•	•	Roof mounted flexible rod aerial with integral tailgate wash nozzle
		Seating and upholstery
R/C	R/C	Leis cloth seat trim
•	•	Leather seat trim
•	•	Fully reclining sports front seats
•	•	Front seats with height adjustment
• <sup>†</sup>	• <sup>†</sup>	Electrically heated front seats
•	•	Front seatbelt buckles mounted on seat frames
•	•	60/40 split-folding rear seat
		Heating and ventilation
•	•	Air blend heater with four-speed fan and illuminated controls
•	•	Passenger compartment pollen filter
•	•	Side window demist vents and four adjustable facia air vents
○	•	Full air-conditioning (CFC-free) including glovebox
		Interior lighting
•	•	Courtesy light with integral map reading lights and delay cut-off
•	•	Illuminated glovebox and load area
		Additional interior features
•	•	Front passenger's assist handle
•	•	Carpeted load area, carpeted rear seat back, carpeted side panel and wheelarches
•	•	Plastic load area sill protector, floored load area cover
•	•	Front door pockets and front and rear armrests
•	•	Dipping rear-view mirror
•	•	Twin sunvisors with illuminated driver's and front passenger's vanity mirrors
•	•	Cigar lighter and ashtray
•	•	Colour-keyed velour carpet

2.0i 16v 2.5i V6

		Security
●	●	Security code protection for audio equipment
●	●	Central locking (doors, tailgate, fuel flap) with security deadlock
●	●	Ultrasonic security alarm system with 'power siren'
●	●	Electronic engine deadlock immobiliser
●	●	Freewheeling door lock cylinder
		Mechanical
	●	Five-speed manual gearbox
●		Five-speed close-ratio manual gearbox
○	○	Four-speed automatic transmission with economy, sport and winter driving modes
●	●	Power assisted steering
●	●	Independent semi-trailing arm rear suspension
●	●	Gas pressure dampers
	●	Switchable traction control
	●	Engine oil cooler
●	●	Catalytic converter
		Exterior lighting
●	●	Halogen double ellipsoid headlights
●	●	Lights-on audible warning
●	●	Twin reversing lights
●	●	Twin rear fog lights
●	●	Hazard warning lights and side repeat indicators
●	●	Front halogen fog lights integrated into headlight units
●	●	Electric headlight beam levelling
		Exterior protection and styling
●	●	Body colour front and rear bumpers with rubber protection strip
●	●	Body colour grille and door mirrors
●	●	Aero sill mouldings
●	●	Sports exhaust tailpipe
		Wheels and tyres†
●		6j x 15 Pentaline alloy wheels and 205/55 R 15 ultra-low profile tyres with locking wheel bolts
	●	6j x 15 F-Line alloy wheels and 205/55 R 15 ultra-low profile tyres with locking wheel bolts
		Exterior and convenience features
●	●	Green tinted glass with windscreen shadeband
●	●	Electrically operated front windows with one-touch facility
●	●	Push-button tailgate release integrated into right hand tail light
●	●	Electrically operated sliding/tiltable steel sunroof
●	●	Heated rear window with automatic timed cut-off
●	●	Intermittent tailgate wash/wipe
●	●	Twin electrically adjustable/heated door mirrors
●	●	Two-speed windscreen wipers plus intermittent and flick wipe
●	●	Twin jet windscreen washer nozzles
●	●	Two-tone horn
N/C	N/C	Two-coat pearl/secret paint

● = Standard equipment.  
○ = Factory-fitted option at extra cost.  
R/C = Lens cloth trim available at reduced cost.  
N/C = No cost factory-fitted option.

\* = Check control warning system for engine oil level, engine coolant level, windscreen washer fluid level, front disc pad wear, hub nut for head/tail and brake lights.

\*\* = Seven-function trip computer incorporating digital clock, instantaneous and average fuel consumption, average speed, range based on remaining fuel, ambient air temperature and stopwatch facility.

† = Heated front seats not available with reduced cost Lens cloth trim.  
‡ = All Calibra models are equipped with a steel 4j x 15 space-saver spare wheel with 125/85 FR 15 tyre.



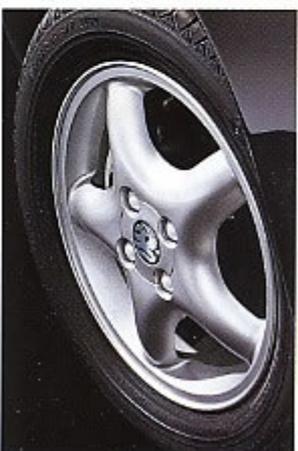
Ultrasonic alarm sensor.



Electric headlight levelling.



Calibra V6 F-line alloy wheels.



Calibra 16v Pentaline alloy wheels.

## Engines

<b>2.0i 16v ECOTEC-4 Petrol</b> Capacity: 1998cc. Max. power: 136PS (100kW) @ 5600rpm. Max. torque: 188Nm (138.7 lb.ft.) @ 3200rpm. Compression ratio: 10.8:1.	<b>Configuration:</b> Four-cylinder, 16-valve unit with double overhead camshafts, alloy cylinder head, variable intake manifold, hydraulic tappets and electric cooling fan. Maintenance-free poly-vee belt ancillary drive. <b>Engine management:</b> Simtec 56.5 system. Sequential port fuel injection with air mass metering. Computer-controlled direct ignition system with dual spark control and selective knock control. <b>Emission control:</b> Electronically controlled exhaust gas recirculation. Secondary air injection. Activated charcoal evaporation control canister. Lambda sensor and three-way closed loop catalytic converter. Unleaded petrol only.
<b>2.5i 24v ECOTEC-V6 Petrol</b> Capacity: 2498cc. Max. power: 170PS (125kW) @ 6000rpm. Max. torque: 227Nm (167.4 lb.ft.) @ 4200rpm. Compression ratio: 10.8:1.	<b>Configuration:</b> V6, 24-valve unit with two overhead camshafts per bank, alloy cylinder heads, hydraulic tappets, electric cooling fan and oil/water heat exchanger. Maintenance-free poly-vee belt ancillary drive. <b>Engine management:</b> Motronic M2.8 system. Sequential port fuel injection with air mass metering and dual spray injector valves. Computer-controlled direct ignition system with dual spark coils and selective knock control. <b>Emission control:</b> Electronically controlled exhaust gas recirculation. Secondary air injection. Activated charcoal evaporation control canister. Lambda sensor and three-way closed loop metallic monolith catalytic converter. Unleaded petrol only.

## Performance (manufacturer's figures)

Model	Transmission	Maximum speed (mph)	Acceleration 0-60mph (secs)	Acceleration 30-50mph (4th gear) (secs)
2.0i 16v	manual	133	8.0	7.5
2.0i 16v	automatic	133	10.0	-
2.5i V6 24v	manual	147	7.3	8.5
2.5i V6 24v	automatic	145	8.3	-

## Fuel economy mpg (litres/100km)

Model	Transmission	Previous method (80/1268/EEC)			New method (93/116/EC)			CO <sub>2</sub> emissions (g/km)
		Constant speed			Urban driving	Extra urban driving	Combined figure	
		Urban driving	56mph (90km/h)	75mph (120km/h)				
2.0i 16v	manual	26.9 (10.5)	47.9 (5.9)	39.8 (7.1)	22.6 (12.5)	42.2 (6.7)	32.1 (8.8)	208
2.0i 16v	automatic	25.9 (10.9)	49.6 (5.7)	40.4 (7.0)	19.5 (14.5)	40.4 (7.0)	28.8 (9.8)	231
2.5i V6 24v	manual	24.8 (11.4)	42.8 (6.6)	34.4 (8.2)	19.6 (14.4)	36.2 (7.8)	27.7 (10.2)	241
2.5i V6 24v	automatic	24.4 (11.6)	42.8 (6.6)	35.3 (8.0)	17.8 (15.9)	33.2 (8.5)	25.2 (11.2)	265

**Please note:** Following EC directive 93/116/EC, a new set of fuel consumption figures are now shown alongside the previous figures above. The purpose of these new figures is to provide a more realistic indicator of fuel consumption by taking into account everyday driving conditions, such as cold starts, acceleration, braking and even differences in the weight of models with the same engine. These new figures will replace the previous method by January 1997. **Important:** The introduction of this new test procedure will result in an apparent increase in fuel consumption, however the effective fuel consumption of the vehicle remains unaffected, only the method of measuring fuel consumption has altered. In addition the results given relate to the particular car tested; inevitably there are differences between individual cars of the same model. In addition, some cars may incorporate particular modifications. Driving style, road and traffic conditions, vehicle mileage and standard of maintenance may also affect fuel consumption. Therefore the results do not express or imply any guarantee of the fuel consumption attainable.

## Transmission ratios

Manual	Clutch diameter	Gear ratios							Final drive ratio
		1	2	3	4	5	Rev.		
2.0i 16v	5-speed (CR)	216mm	3.58:1	2.14:1	1.48:1	1.12:1	0.89:1	3.33:1	3.57:1
2.5i V6 24v	5-speed	228mm	3.38:1	1.76:1	1.12:1	0.89:1	0.77:1	3.17:1	3.82:1
<b>Automatic</b>									
2.0i 16v	4-speed	-	3.67:1	2.10:1	1.39:1	1.00:1	-	4.02:1	2.81:1
2.5i V6 24v	4-speed	-	3.67:1	2.10:1	1.39:1	1.00:1	-	4.02:1	2.81:1

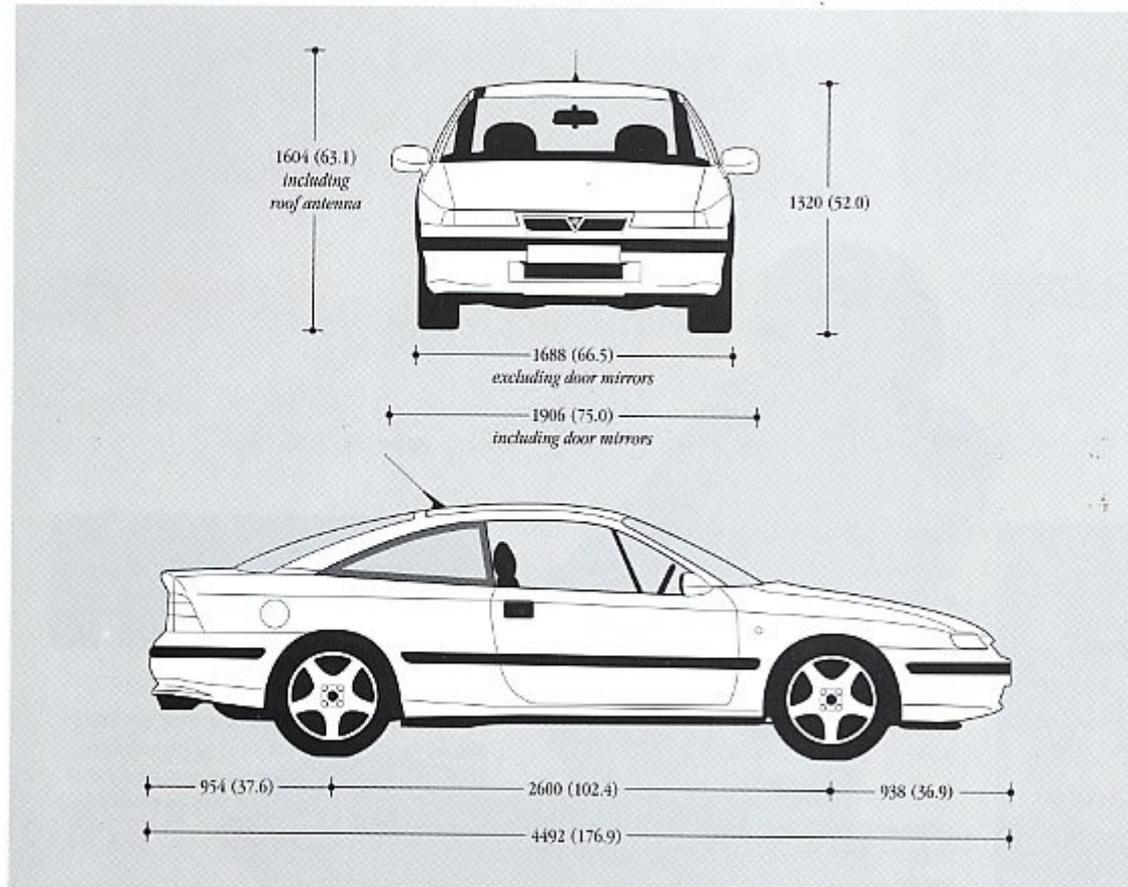
CR = close ratio

## Weights and towing data

	Kerbweight (kg)	Gross vehicle weight (kg)	Max towing weights (kg)		Speed (mph) per 1000rpm	
			Trailer with brakes	Trailer without brakes	4th gear	5th gear
2.0i 16v	1265	1670	1350	650	17.3	21.7
2.0i 16v automatic	1295	1700	1350	650	-	-
2.5i V6 24v	1370	1775	1350	660	20.3	23.5
2.5i V6 24v automatic	1390	1795	1350	660	-	-

**Gross vehicle weight** is the total permissible weight of the vehicle including passengers and their luggage. To determine total carrying capacity, deduct kerbweight from gross vehicle weight. The **maximum roof rack loading** should not exceed a total of 100kg (220 lbs). The **maximum towing weights** are based on the ability of the car - with two occupants of 70kg (150 lbs) each - to restart on a 12% gradient, which is approximately 1 in 8.3 at sea level. At altitudes above 1500 metres (4921 ft.), the engine output may drop with a corresponding reduction in towing capability. Any extra weight, such as luggage or additional passengers, should be deducted from the maximum towing weight. With a trailer fully loaded, **maximum noseweight** should not exceed 75kg (165 lbs). Always fit 'vaushall' officially approved towing attachments and accessories available from your vaushall dealer. They are the only ones approved by GM for use on vaushall cars.

## Exterior dimensions millimetres (inches)



## Insurance groups

2.0i 16v – Group 14. 2.5i V6 – Group 17.

Insurance groups as recommended by the Association of British Insurers.

## Transmissions

• Front-wheel drive

**Five-speed manual gearbox:** Standard on all models. Mechanical, asbestos-free, single plate clutch.

**Four-speed automatic transmission:** Optional on all models at extra cost. Computer controlled for improved economy and driveability plus economy, sport and winter driving modes. Fluid drive with torque converter. Neutral control fuel-saving feature on 2.5i V6 models. Transmission oil cooler integral with engine coolant radiator.

• Switchable traction control (2.5i V6)

## Brakes

**Front ventilated disc brakes:** 2.0i 16v – 256mm diameter.

2.5i V6 – 288mm diameter

**Rear disc brakes:** 270mm diameter

- Dual circuit, diagonally split system with direct action servo
- Electronic anti-lock braking system (ABS)
- Asbestos-free friction material
- Handbrake-on and low brake fluid warning light
- Plastic-coated brake pipes
- Mechanical handbrake, acting on rear wheels

## Suspension

**Front:** Independent. MacPherson struts with linear rate coil springs and gas pressure damper cartridge. Anti-roll bar. Negative scrub and anti-dive geometry.

**Rear:** Independent with semi-trailing arms, progressive rate miniblock springs and gas pressure dampers. Anti-roll bar.

## Steering

- Power assisted rack and pinion system
- Energy-absorbing steering column with mesh section, telescopic lower spindle and tear-off support
- Turning circle (kerb-to-kerb): 10.6m (34.8ft.)
- Turns lock-to-lock: 2.9

## Electrics

**Alternator:** 70 amp (100 amp with air conditioning).

**Maintenance-free battery:** 2.0i 16v – 44Ah. (55Ah with air conditioning)  
2.5i V6 – 66Ah.

## Body

- Aerodynamic drag co-efficient: Cd 0.29
- Safety crumple zones, front and rear
- Reinforced passenger safety cell
- Recessed windscreen wipers
- Flush fitting front and rear screens
- Semi-flush fitting side window glass
- Flush door handles
- Concealed front and rear towing eyes
- Burst-proof door locks
- Tailgate assist struts
- Polypropylene front and rear humpers capable of withstanding minor impacts up to 2.5mph without permanent damage

## Anti-corrosion protection

- Partial use of zinc-coated sheet metal
- Zinc phosphated bodysheet primed electrostatically (cathodic)
- All weld seams and joints sealed with special compound
- Anti-corrosion primers used extensively on bonnet, doors, wings and other panels
- Paint finish applied electrostatically
- PVC coating applied to wheelarches and other underbody areas
- Polymer reinforced anti-corrosion wax pumped into doors, sills and other underbody cavities
- Plastic front wheelarch liners
- All Calibras carry a six-year body panel anti-perforation warranty

## Load capacities (VDA method) litres (cu.ft.)

Rear seat up – under load cover	300 (10.6)
Rear seat down – to glass line	740 (26.1)
Rear seat down – to roof	980 (34.6)

## Fuel capacity

- 63 litres (14.0 gallons)



Traction control.



Air-conditioning (CFC-free).



Four-speed automatic transmission.



Vauxhall V-grille.

## Audio choice

Vauxhall has a long tradition of excellence in the field of In Car Entertainment – and an enviable reputation for innovation. So in this exciting period of progress in audio technology, it should come as no surprise that Vauxhall is right at the forefront with two advanced stereo systems that brings you the best of the new developments.

Every Calibra features a superb stereo audio system and a six-speaker set-up offers faithful reproduction of the spoken word as well as music of all types.

The speaker system comprises two large extended-range dual-cone units located in the rear side trim panels, plus two mid-range woofers sited in the front doors. The set-up is completed by two high-frequency tweeters housed high in the door panels. Calibra audio units switch off automatically with the ignition, then come back – at the same volume and same station as before – when you switch the ignition back on. They can also be switched back on without using the ignition switch simply by depressing the on/off/volume knob.

Calibra audio units are equipped to receive Radio Data System (RDS EON) broadcasts and offer the full range of RDS facilities. Audio security takes a high priority too. Units installed in Calibra have a four digit security code 'burnt in' at the factory and the SC 303 also features a removable display panel which is small enough to slip into your pocket, leaving the unit inoperative and virtually useless to any potential thief.

### Radio Data System (RDS EON)

Calibra's audio units incorporate all that's best in stereo radio technology including the full range of Radio Data System (RDS EON) services.

RDS provides a range of new facilities and services designed not just to enhance listening enjoyment and convenience, but actually to extend the scope of radio's usefulness to the general public.

In the UK, both the BBC and some independent local radio stations are broadcasting RDS signals alongside their normal programme signal. This RDS signal contains coded information that is received and decoded by a special unit in the radio.

### Automatic tuning

The first advantage offered by RDS is an automatic tuning system. By locking-on to an RDS programme identification signal – for example BBC Radio 1 – rather than a specific frequency, RDS can search out the strongest source of that signal, then switch automatically to maintain the best reception. This avoids the need for constant re-tuning as you travel from area to area. With the latest RDS technology of the Vauxhall sets, even pre-set stations not actually being listened to are continually being monitored for perfect reception if and when they are selected. RDS also removes the uncertainty of tuning by displaying the RDS station names rather than just frequencies – for example when BBC Radio 1 is selected the display shows 'BBC 1 FM'.

### Traffic programme

The second major advantage offered by RDS is the Traffic Programme, which aims to provide motorists with all the information they need about road conditions as they actually need it. Pressing the TP button ensures that travel flashes from the closest BBC radio station are automatically broadcast – interrupting other radio programmes or even recorded music. Even with the volume control turned right down, the RDS travel flash will still be heard at a pre-determined level. The network of BBC local radio stations covers virtually the whole of the UK, so this invaluable service can help you get to where you're going – whatever your destination.



### SC 303

Equipped to take full advantage of the new RDS technology, this unit also offers Calibra 2.0i 16v an autoreverse cassette player with Dolby B noise reduction and cassette programme search. The SC 303 is available at no extra cost instead of the CD 300 on V6.

### Features include:

- Four figure security code
- Removable display for added security
- Fader and balance controls
- Separate treble and bass controls
- Maximum output seven watts per channel
- Microprocessor-controlled quartz tuning
- FM, MW and LW reception
- Radio Data System (RDS EON)
- Traffic Programme
- Six station preset buttons
- Automatic search tuning on all wavebands
- Autostore function for FM and MW
- Autoreverse function
- Cassette programme search
- Dolby B noise reduction
- Fast forward and fast reverse wind
- Cassette standby facility



### CD 300

This superb stereo radio/compact disc player is standard on V6 models, and available as an extra cost option on 2.0i 16v.

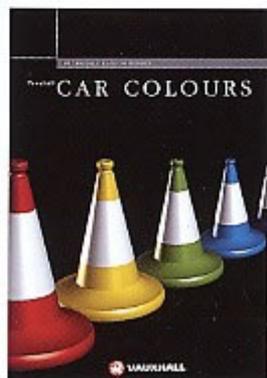
### Features as for SC 303 plus:

- Compact disc player in place of cassette player
- CD standby facility
- CD track up/down facility
- Tone control in place of separate bass and treble controls

*NB: The CD 300 does not feature a removable display.*

## Colour and trim

Calibra style is exemplified by this range of colour and trim combinations to suit a variety of tastes. Our interior colours are carefully selected to complement the exterior paintwork with standard leather trim designed to reflect the status of Calibra.



For exterior colour illustrations please refer to the Vauxhall Car Colours brochure illustrated above. In addition, all Vauxhall dealers have a comprehensive colour and trim album with actual trim samples and highly accurate exterior colour illustrations, available for inspection.

*Leather in Anthracite.  
This trim is also available  
in Cream (see pages 10/11).*



*Lens trim in Anthracite.*

	Trim name and colour	
	All models Lens	All models Leather
<b>Solid colours</b>		
Glacier White	Anthracite	Anthracite
Flame Red	Anthracite	Anthracite or Cream
Black two-coat	Anthracite	Anthracite or Cream
<b>Two-coat pearlescent colours</b>		
Magnetic Blue	Anthracite	Anthracite or Cream
North Cape	Anthracite	Anthracite or Cream
Rio Verde	Anthracite	Anthracite or Cream
Titanium	Anthracite	Anthracite or Cream



Every effort has been made to ensure that the contents of this publication were accurate and up-to-date at the time of going to press (September 1996).

Vauxhall cars are equipped with components manufactured by various General Motors operating units and outside suppliers. In line with Vauxhall's policy of continuous product improvement, the company reserves the right to change specifications and make modifications to the vehicles described and illustrated at any time.

Any such modifications will be notified to Vauxhall dealers at the earliest opportunity; please consult your local dealer for the latest information.

The colours reproduced in this brochure may vary slightly from the actual paint colour or trim material due to the limitations of the printing processes. However, all Vauxhall dealers have a comprehensive colour and trim album, with highly accurate exterior colour samples and actual interior trim samples, available for customer inspection.

Please note that Vauxhall dealers are not the agents of Vauxhall Motors Limited and are not authorised to bind the company by any specific or implied undertaking or representation.

It is advisable to ensure that your motor insurance policy provides adequate cover for additional fitted accessories.

As part of Vauxhall's philosophy of environmental care, this brochure is printed on chlorine-free paper that has been made using only specially farmed, sustainable timber resources.

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