

1993 MODELS. EDITION NUMBER 1

VAUXHALL  
CALIBRA



Calibra, one of the most exciting cars ever to bear the Vauxhall badge. Its breathtaking looks and world-beating aerodynamics spearhead the renaissance of coupé style. With three engines to choose from – including a stunning Turbo – this universally admired range offers a full choice of performance possibilities.



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## THE CLASSIC COUPE

In Calibra the dreams of the designers have become reality, and the graceful sweep of an artist's pen has created a car that's as exciting, exhilarating and purposeful as it is practical, efficient and versatile.

In spite of exuberant good looks which belong on the sort of sports car normally confined to the arena of youthful folly, Calibra is every inch as economical, reliable and just plain usable as any of its more prosaic counterparts. In everyday life it reflects absolutely Vauxhall's total commitment to customer care.

And, fittingly, it reflects absolutely the degree of artistic commitment of one of the modern car industry's most successful design studios.

The result is a car that sets records for production car aerodynamics and yet remains breathtaking in its extreme good looks. Or, as *Performance Car* magazine put it: 'In a world suddenly brimming with coupés, the Calibra is the class of the field.'

With a specification that pays as much regard to safety as it does to performance and style, appropriately the 1993 Calibras all have heavy duty side impact door bars plus Vauxhall's body-lock restraint system fitted to both front seats.



## VISION ON

Interior design presents one of the toughest problems for any car maker. Not only must it reflect the style and shape of the bodywork, and maintain the drama of each sloping curve of the sheet-metal, but it must also bend a knee to the science of ergonomics.

Calibra's designers have achieved all this and yet there's no evidence of that bended knee; the interior, like the exterior, shows no sign of compromise.

And yet it is superbly functional and efficient. Clear, accessible information in the driver's cycline is matched by well placed controls.

Clarity of vision is matched equally by purity of sound from the six-speaker stereo radio/cassette complete with RDS, security-coding and a removable display panel.

And while it may be functionally simple, the Calibra interior embraces all the sophistication you'd expect from a car at the forefront of its class: there are electrically operated front windows, sunroof and door mirrors – plus, for ultimate luxury, the Calibra 16v and Turbo 4x4 have leather trim and most models have the option of a full air-conditioning system. There's even an advanced seven-function trip computer, standard on the Turbo 4x4 and optional on the other models.



Model illustrated: Turbo 4x4 with leather trim.



Clear simplicity in design and layout belies the sophistication of the Calibra's standard features. Instrumentation illustrated left is from 2.0i 16v model.

## COMFORT IN THE KNOWLEDGE



Own a dramatically-styled sports coupé and you expect to sacrifice space and equipment in favour of excitement. Not so with the Calibra.

There's no doubt that Calibra is a genuine four-seater; the surprisingly spacious passenger compartment has more room in the back than its rakish glassline suggests. Make no mistake: this is a practical hatchback with a tailgate that opens to reveal a capacious luggage area which can be enlarged by dropping the 60/40 split-folding rear seat.

But, ultimately, this is a driver's car with a sporting heritage – you know it the minute you ease into the height and rake-adjustable sports seats.

Individuality is provided by the Mexico cloth trim patterns on the 2.0i 8-valve, while on the 16-valve and Turbo, the aroma of leather trim heightens the anticipation of 'something special'.

Whichever, both provide an all-enveloping cockpit atmosphere in which drivers can hone their driving skills while passengers relax, comfortable in the knowledge.

There's reassurance, too, in the newly introduced front seat body-lock restraint system – and in knowing that your Calibra is protected throughout by the very latest in ultrasonic security alarm systems.

Mexico cloth trim in Anthracite



Mexico cloth trim in Blue



Controls for the electrically operated and heated door mirrors are situated in the front door armrest.



Split-folding rear seat creates ample space for bulky items of personal or business life.

Mexico cloth seat trim is standard on the 8-valve model and is also available on the 16-valve and Turbo 4x4 models at reduced cost.

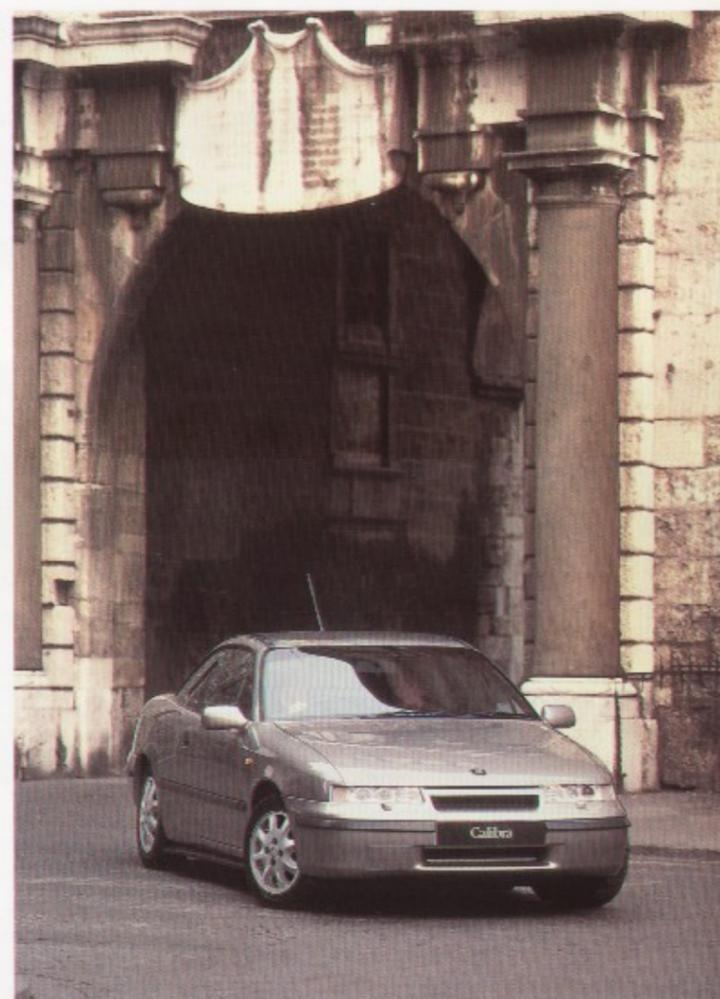




Though sheer, undiluted style may well be the major prerequisite for a sports coupé, looks alone are not enough to gain admission to the exclusive club of high performance touring cars. Nor yet is sheer speed; touring in the grand style requires brilliant handling, effective acceleration and effortless cruising, plus an easy ride and quiet running.

In virtually every respect the equal of its 16-valve brethren, the 8-valve Calibra represents a perfect compromise between power and economy. With all the inspired styling of the powerful 16-valve, the 8-valve Calibra is eminently affordable and yet remains enormously satisfying to the enthusiast in every driver. *AutoExpress* agreed: 'Tremendous fun to drive,' they said. 'Its engine, gearbox and handling all combine to give it a genuine sporting feeling. A definite winner...'

Deep reserves of low-down torque ensure 'shove-in-the-back' urge in the lower gears, and top-end performance exceeds every expectation. Its 5-speed close ratio gearbox is a joy to work through on mountain, motorway or sweeping plain, but the relaxed enjoyment of the optional 4-speed automatic transmission provides its own kind of pleasure.



*Sporting wheel covers (left) are standard, or, for a personal touch, stylish alloy wheels (main picture) are available as an extra cost option.*

*Electrically-operated, spoiler-style sunroof tilts or slides, giving fresh air and fresh style.*



## THE POLISHED PERFORMER

Once vaguely referred to as streamlining, pundits now call it aerodynamics; engineers call it airflow management and scientists measure it as a drag coefficient - Cd. In its 8-valve guise, Calibra records a record-breaking Cd of 0.26, but by any name it parts the air ahead better than any production car in the world.

But record-breaking figures alone are of no value in a road car, though its smooth efficiency is immediately apparent. Follow its sleek profile and the slender nose encases staggeringly thin, flush-fitting headlights. The long, sloping bonnet leads into smooth fitting bonded glass, softly-curved door mirrors and the smooth, virtually separation-free sheet metal that flows inward and climbs towards the aggressively high, tapered tail, merging delicately with the acutely angled rear screen.

Nor is this Art for Art's sake. Though eye-catching looks are part of the equation, that low Cd figure brings better driving stability, a higher top speed, better fuel efficiency and minimal wind noise as just some of its practical benefits. Occasionally, in the complex and contrasting world of car design, the blend of art and science result in record-breaking achievement and near-perfect symmetry. Calibra is that result.



*Rounded pillars, the steeply raked screen, sill extensions, trailing edge spoiler and the semi-flush, frameless side windows all play a vital aerodynamic role.*



*There's no need of a wind tunnel; it's clear that Calibra's flowing lines offer minimum resistance to the air.*





The 16-valve Calibra fulfils every expectation in stirring fashion. Its 150PS dual cam 16-valve engine – already verging upon legend – has been further improved for 1993. This new ‘low noise’ variant comes with a modified exhaust system which significantly reduces overall noise levels.

With maximum torque of 196Nm peaking at 4600rpm, reserves feel almost bottomless and make this model remarkably flexible and driveable at any speed.

Power is delivered with a smooth, easy flow, the 0-60mph sprint being achieved in just 7.5 seconds. Detailed modifications including a revised cylinder head and intake manifold result in a more refined engine for more relaxed driving.

And don't forget, this is an engine that runs exclusively on unleaded fuel, is fitted with a catalyst and still delivers stunning performance.

Stopping power too, is impressive: large-diameter rear brakes and ventilated front discs – plus electronic ABS – make that a certainty. With uprated suspension (for faster steering response), gas pressure shock absorbers and wide, low profile tyres, the 16-valve Calibra delivers optimum handling.

Inside, the luxury specification is rounded off with leather seat trim.



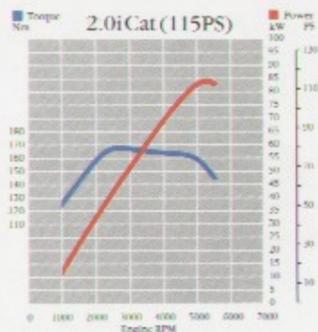
All Calibras have the very latest electronic anti-lock braking system (ABS).



## EARTHLY POWERS

Calibra offers a choice of performance with three superb engines combining economy and low maintenance with clean emissions. There are two 2.0i naturally-aspirated, fuel injected units with either 8 or 16 valves – the latter revised and refined for 1993 – and a 16-valve turbocharged engine.

All three engines have a three-way catalytic converter as standard, and must be run on unleaded fuel. Thanks to the skill of the engineers, there's no sacrifice in power or economy, and all are smooth, efficient and exhilarating to drive.



### 2.0i CAT. 115PS 8-VALVE

The 2.0i 8-valve engine is a beautifully modern design that combines exceptional torque (170Nm at 2600rpm) with lively performance and excellent economy for truly flexible motoring. Advanced features include a lightweight, thin wall cast iron block, a light alloy cylinder head with a belt-driven single overhead camshaft, and a compact combustion chamber design for reduced flame travel and increased burn rate.

The ignition timing and quantity of fuel injected is controlled precisely by a sophisticated Bosch Motronic M1.5 engine management system to optimise

the balance between power, economy and emissions for all driving conditions. The innovative M1.5 unit also provides a self-diagnostic capability – recording information that can be analysed by Vauxhall service technicians.

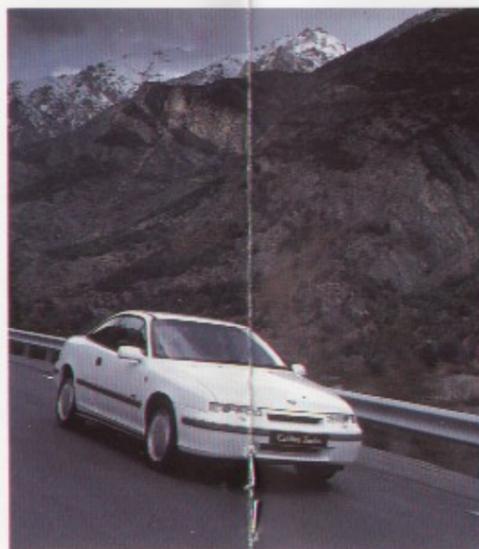
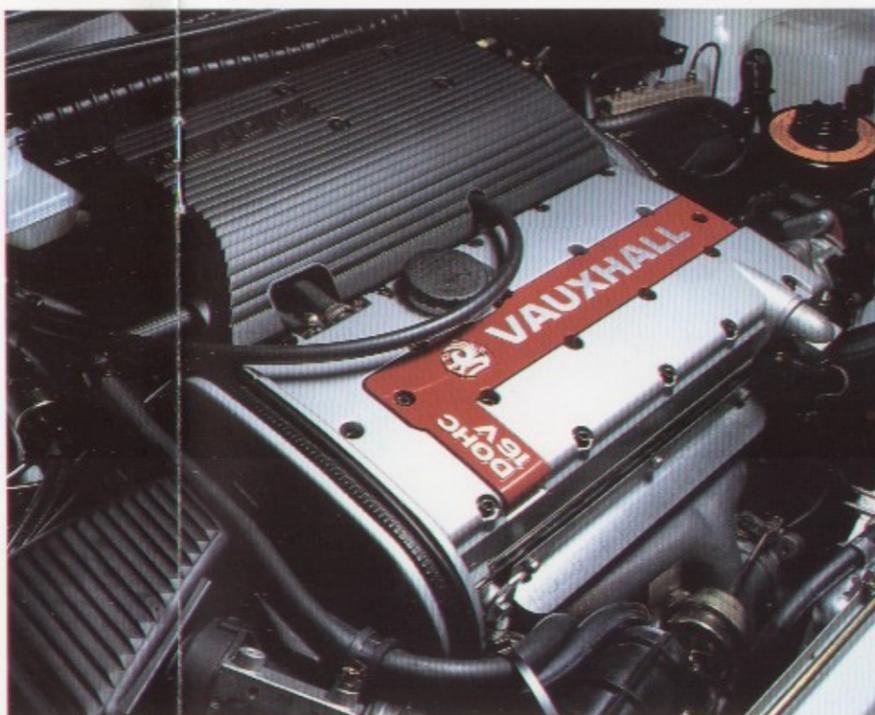
### 2.0i CAT. 150PS 16-VALVE

Its immediate predecessor won wide acclaim from press and public alike: the comment "a fabulously muscular unit..." from *Car* magazine was typical. Now, for 1993, this engine has been reworked to give reduced noise levels and extra refinement on the road.

The latest revisions – including a revised cylinder head and intake manifold, strengthened cylinder block and DIS ignition system – enhance a list of design features that was already impressive. This includes twin, hollow-cast overhead camshafts, sodium cooled exhaust valves, hydraulic tappets, polished ports and a fabricated, stainless steel exhaust manifold.

If the list reads more like that of a racing engine, this is not surprising since the unit is very similar to that used so successfully as the driving force behind the Formula Vauxhall Lotus series.

Engine control is via a new state-of-the-art M2.8 Motronic management system. Under its all-knowing umbrella



come ultra-efficient sequential fuel injection and a selective knock control that adjusts ignition timing automatically, depending upon an equation which includes throttle position, air intake volume and even the quality of the fuel in the ignition chamber. The result is an engine that never fails to provide an instant, satisfying response, whatever is asked of it.

With maximum power of 150PS at 6000rpm and peak torque of 196Nm at 4600rpm, action speaks louder than words. The torque curve is so flat that it

allows the car to accelerate cleanly and quickly from 1500rpm in any gear.

### 2.0i TURBO CAT. 204PS 16-VALVE

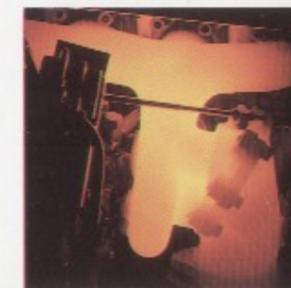
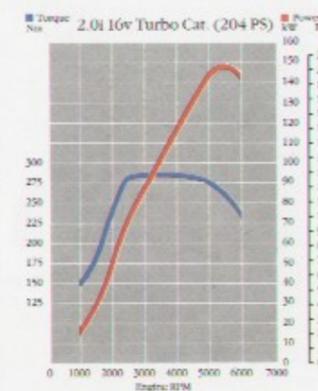
A high performance engine without parallel in this class of car, this exceptional powerplant with its specially-developed three-way catalytic converter, is capable of producing a full 204PS at 5600rpm and of developing an enormous 280Nm of torque at a mere 2400rpm.

The turbocharger is unique in that it is fully integrated with the exhaust manifold to give quicker warm-up, superior response and less weight. For extra reliability, Calibra's turbocharger is water cooled and, for extra power, it also features an intercooler.

To ensure exceptional reliability, a punishing testing regime was devised, exposing the engine to the severest conditions.

In spite of its prodigious performance – and like other Calibra engines – the turbo unit offers remarkable fuel economy, returning 40.9mpg at a constant 56mph in DoT tests.

A further feature of the turbo is its quietness – 'pass-by' engine noise levels are well within proposed EC limits.



A glowing tribute to the durability of the Calibra's turbocharger – shown here under extreme test it had to withstand temperatures of up to 900 degrees Centigrade.

A potent new contender joins the top echelon of high performance sports cars - the Calibra Turbo 4x4.

At its heart is a new turbocharged 2.0i 16-valve engine with intercooler and catalytic converter - unique in being the first to house the turbocharger integrally with the exhaust manifold to give quicker warm-up.

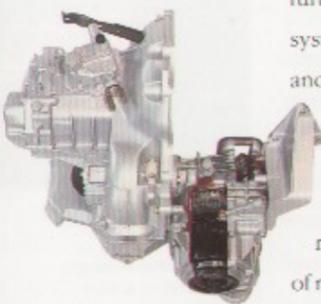
Power output is a prodigious 204PS at 5600rpm, while torque is a massive 280Nm at a low 2400rpm with a 'curve' that's flat to 4200rpm. A wide band of accessible, seamless power supplies electrifying response through a sophisticated 6-speed manual transmission.

Capable of reaching 60mph from rest in just 6.4 sec., the Calibra Turbo provides instant throttle response.

Suspension is uprated, as is the braking system and driver confidence is further reinforced by an all-wheel drive system, ultra-low profile, ZR-rated tyres and electronic anti-lock braking (ABS).

The uprated permanent 4x4 system with viscous coupling is similar to that already proven in the Vauxhall range and allows extraordinary levels of roadholding, grip and safety.

Comprehensively equipped, the Turbo 4x4 model includes unique alloy wheels while inside there's luxury leather seat trim.



Vauxhall's high-tech 4x4 system varies front/rear torque automatically for gripping traction in all conditions.



## THE FUSION OF ART AND TECHNOLOGY

In creating a look, car designers go all the way and then back-pedal. Engineers tread the opposite course. They go as far as they can, and then try to push the frontiers of engineering, science and technology still further.



*Painstaking attention to detail in the wind tunnel resulted in a 0.26 Cd figure.*

Calibra is unusual because it appears in the metal virtually as drawn in the original sketches; no compromise, no backing off. And under its vividly

exciting bodywork is a wealth of engineering technology.

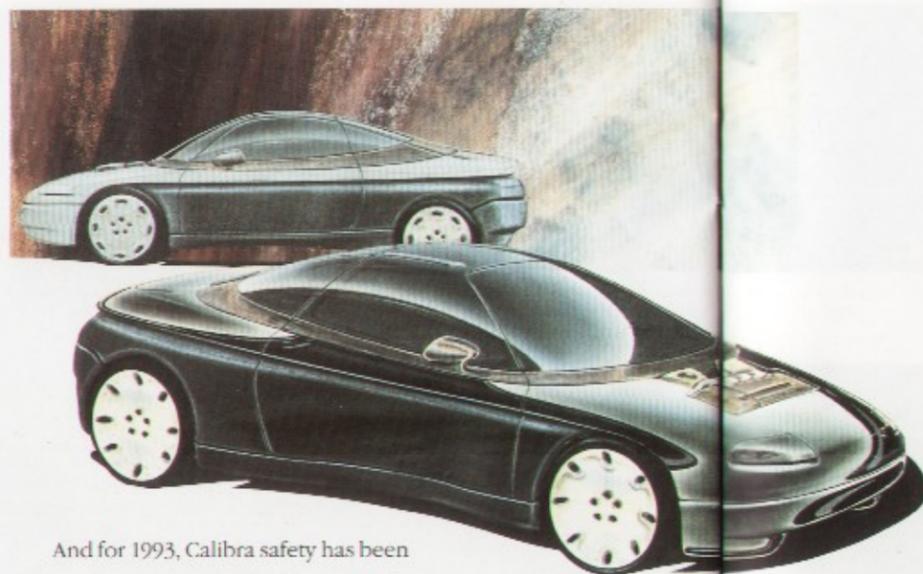
### SPEED WITH SAFETY

Safety has a high priority in a range which includes a high performance Turbo. Consequently, you'll find many designed-in safety features including



*Calibra is stringently tested in climatic extremes.*

rigid passenger cell and front and rear deformation zones while Calibra's smoother edges and low bumper contribute positively to 'third party' safety.



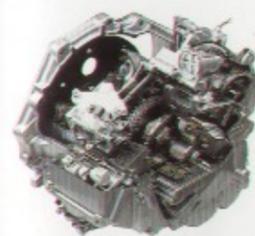
And for 1993, Calibra safety has been enhanced by the addition of two significant features across the range: side impact door bars and a front seat body-lock restraint system.

Twin, heavy gauge steel bars are welded inside the doors for extra protection of the car's occupants. Double bars are used instead of a single bar to reduce the chance of a side-impacting vehicle riding over the door sill.

The body-lock restraint system is designed to give both front seat occupants extra protection in the event of a frontal collision. It comprises a seat belt tensioner that, under impact, automatically tightens the inherent 'slack' in the seatbelt. Compared with a conventional lap and diagonal inertia reel seatbelt, it can substantially reduce



*The standard ABS system adjusts braking pressure on each wheel to avoid skidding.*



*Sophisticated 4-speed automatic transmission features three selectable driving modes.*

the risk of head and chest injuries.

Activated by a mechanical sensor, the system comes into operation in milliseconds and is proof against being inadvertently triggered.

### ELECTRONIC ABS

Naturally the latest-generation electronic anti-lock braking system is standard, working in conjunction with the disc brakes front and rear. With sensors on each wheel the ABS adjusts braking pressure many times a second to prevent skidding as a result of heavy braking.

### AUTO TRANSMISSION

The latest, electronically-controlled, AF20 four-speed automatic transmission is available as an option on the 8-valve Calibra. The entire gearbox is controlled by a sophisticated computer package linked to the engine management system, smoothing full-throttle shifts.

In selecting ECONOMY, the highest ratios are engaged as quickly as possible and, above pre-determined speeds, the lock-up clutch for the torque converter engages in third and fourth gears to prevent energy-wasting slip. SPORT allows higher engine speeds for maximum performance. WINTER mode reduces the risk of wheelspin when starting from rest in slippery conditions

by engaging 3rd gear, locking out 1st and 2nd.

### 6-SPEED TRANSMISSION

A 6-speed close-ratio transmission is standard on the Calibra Turbo. Specially designed to cope with the torque of the Turbo engine, it has a sixth 'overdrive' gear which markedly lowers the rpm at high road speeds to give relaxed cruising and improve fuel economy.

The gear shift features a conventional gate for the first five gears with the sixth gear located opposite fifth.

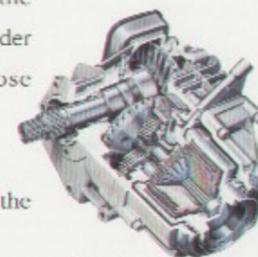


### FOUR-WHEEL DRIVE

To maintain traction with such a power output as that offered by the Calibra Turbo, an uprated 4-wheel drive system is standard.

A central viscous coupling provides 4wd whenever it's needed, applying a variable amount of power to drive the rear wheels to give perfect traction under any road conditions. Unlike those vehicles with a fixed torque split between front and rear wheels, Calibra Turbo 4x4 always handles in the same way, regardless of load.

The system operates automatically without the need to be switched in or out and is designed to be maintenance-free for the life of the vehicle.



*The viscous coupling applies a variable amount of power to drive the rear wheels, automatically adjusting this to the conditions.*





DEALER FIT OPTIONS

A body shape that inspired comments such as 'one of the finest looking cars in the world' and, even more emphatically, 'the best looking car in the world' from two of the UK's leading motoring publications is a hard act to follow.

The best approach is simply to offer a styling interpretation that creates an entirely new but equally dramatic concept - one which will appeal to drivers who seek the final word in individuality.

Each and every element of the Calibra body tuning package has been designed by the same team that created this most individual of cars - designed to embrace the flowing lines of the original bodywork and exemplify the car's sporting appeal.

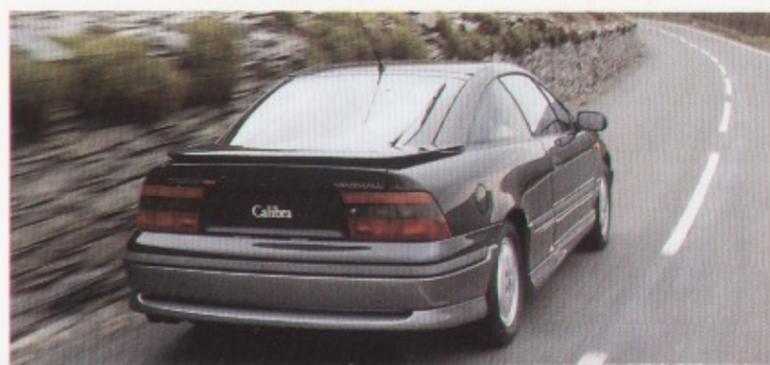
The Sportstyle body kit consists of front and rear skirts and matching side skirts. To create a totally co-ordinated look, a sleek, rear tailgate spoiler is also available.

All items are designed to fit simply onto the existing Calibra panels using pre-determined fixing points. The kit comes factory prepared for dealer painting so you can match your car's original colour or create an eye-catching two-tone effect (see illustrations).

Make a personal statement: ask your Vauxhall dealer for full details of the Calibra Sportstyle range.



Make a personal statement with a high quality Calibra Sportstyle body kit - designed to extend and enhance your car's sporting appeal.





*When it's time to play hard, Calibra continues working hard thanks to its unique roof carrier systems.*

**DEALER FIT OPTIONS**

**S**tunning sports coupé it may be, but the Calibra is also one of the most versatile and best equipped vehicles on the roads today – wildly practical in every sense. Vauxhall Approved dealer fit options allow you to develop Calibra's versatility even further by adding that all-important personal touch.

Calibra dealer fit options cover almost every motoring eventuality to ensure that driving is always a pleasure.

And whenever or wherever the spirit of adventure takes you, activity holidays are no problem thanks to the Calibra's unique roof rack system; it can be used as a base for everything from surfboard and ski carriers to bicycle and boat racks.

Most of these products are specifically designed and tailored for the Calibra and manufactured to the same exacting standards as the car itself – particularly important when it comes to safety-related items such as tow bars. Calibra's tow bar kit, for example, not only bears the 'Vauxhall-Approved' label but is also fully tested to conform to all EEC safety standards.

Your local Vauxhall dealer's retail shop is the logical starting point for determining precisely the extra items you would like for your Calibra – and for giving you even more ideas!



*A range of stylish alloy wheels is available for all Calibras. Hard-wearing mudflaps feature the Vauxhall logo.*



*A must for every Calibra driver. Colour co-ordinated velour mats are specifically tailored and feature the Calibra insignia.*

*Calibra's ski carrier allows two pairs of skis to be carried and safely locked into place for extra peace of mind.*



# SPECIFICATIONS

## STANDARD AND OPTIONAL FEATURES

	2.0i 8v	2.0i 16v	Turbo 4x4
<b>SEATS</b>			
Mexico cloth seat trim	●	R/C	R/C
Leather seat trim	○	●	●
Fully reclining sports front seats	●	●	●
Closed type front seat head restraints	●	●	●
Front seats with height adjustment	●	●	●
Electrically heated front seats			●
Height adjustable inertia reel front seat belts with body-lock restraint system	●	●	●
Front seat belt buckles mounted on seat frames	●	●	●
Two rear inertia reel seat belts	●	●	●
60/40 split folding rear seat	●	●	●
<b>FACIA, INSTRUMENTS AND CONTROLS</b>			
Rev counter	●	●	●
Trip odometer	●	●	●
Instrument panel light dimmer	●	●	●
Fuel gauge with low fuel level warning light. Water temperature gauge	●	●	●
Specific instrument graphics			●
* Check control warning panel		●	●
** Seven function trip computer	○	○	●
4-spoke steering wheel	●	●	●
Leather covered steering wheel and gearknob		●	●
Tiltable steering column	●	●	●
Lockable, illuminated glovebox with asymmetrically positioned lock	●	●	●
Cigar lighter	●	●	●
Quartz analogue clock (digital clock within trip computer on Turbo 4x4)	●	●	●
<b>HEATING AND VENTILATION</b>			
Air blend heater with 4-speed fan and illuminated controls	●	●	●
Side window demist vents and four adjustable facia air vents	●	●	●
Full air conditioning (including glovebox)	○	○	●
<b>AUDIO EQUIPMENT (see page 29 for details)</b>			
SC 303 stereo radio/stereo cassette player with removable display & 6 speakers	●	●	●
SC 804 stereo radio/stereo cassette player with removable display & 6 speakers		●	●
Security code protection for audio equipment	●	●	●
Radio data system (RDS EON) with Traffic Programme	●	●	●
Cassette storage facility	●	●	●
Roof mounted rod aerial with integral tailgate wash nozzle	●	●	●
<b>INTERIOR LIGHTING</b>			
Interior courtesy light	●	●	●
Illuminated engine compartment, load area and glovebox	●	●	●
<b>ADDITIONAL INTERIOR FEATURES</b>			
Steering column lock and tiltable fuse box	●	●	●
One-piece moulded headlining	●	●	●
Carpeted load area, carpeted rear seat back, carpeted side panel and wheelarches	●	●	●
Plastic load area sill protector, floored load area cover	●	●	●
Integral centre console with carpet insert	●	●	●
Front door pockets, and front and rear armrests	●	●	●
Height adjustable dipping rear view mirror	●	●	●
Twin sun visors with passenger vanity mirror	●	●	●
Colour keyed velour carpet	●	●	●

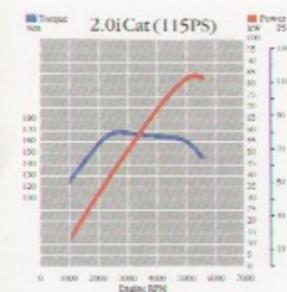
\* Check control warning system for engine oil level, engine coolant level, windscreen washer fluid level, front disc pad wear, bulb test for head/tail and brake lights. \*\* Seven-function trip computer incorporating digital clock, instantaneous and average fuel consumption, average speed, range based on remaining fuel, ambient air temperature and stopwatch facility.



	2.0i 8v	2.0i 16v	Turbo 4x4
<b>MECHANICAL</b>			
5-speed close ratio gearbox	●	●	●
6-speed close-ratio gearbox			●
4-speed computer-controlled automatic transmission with economy, sport and winter driving modes	○		
Power assisted steering	●	●	●
Independent semi-trailing arm rear suspension	●	●	●
Up-rated springs and gas pressure dampers		●	●
4-wheel disc brakes with electronic anti-lock braking system (ABS)	●	●	●
Permanent 4-wheel drive with variable torque split			●
Thermostatically-controlled engine oil cooler	●	●	●
3-way closed loop catalytic converter	●	●	●
14.0 Imperial gallon (63 litre) fuel tank	●	●	●
<b>EXTERIOR LIGHTING</b>			
Halogen double ellipsoid headlamps	●	●	●
Lights-on warning buzzer	●	●	●
Twin reversing lights, twin rear foglamps, hazard warning lights, side repeat indicators	●	●	●
Front halogen fog lamps integrated into headlamp units	●	●	●
Electric headlamp levelling	●	●	●
High pressure headlamp washers	●	●	●
All-red tail lamp design with dark centre band	●	●	●
Clear glass front indicator lenses	●	●	●
<b>EXTERIOR STYLING</b>			
Body coloured front and rear bumpers with rubber protection strip	●	●	●
Body coloured grille and door mirror housings	●	●	●
Aero rocker mouldings	●	●	●
Sports oval exhaust tailpipe			●
Twin exhaust tailpipes		●	●
<b>WHEELS AND TYRES†</b>			
5½ J x 14 steel wheels with flush covers and 195/60 VR 14 ultra-low profile tyres	●		
5½ J x 14 alloy wheels and 195/60 VR 14 ultra-low profile tyres	○		
6j x 15 alloy wheels with 205/55 VR 15 ultra-low profile tyres		●	
6j x 16 alloy wheels with 205/50 ZR 16 ultra-low profile tyres			●
<b>ADDITIONAL EXTERIOR FEATURES</b>			
Side impact bars	●	●	●
Laminated windscreen with graduated tint shadeband	●	●	●
Green tinted glass	●	●	●
Electrically operated front windows with one-touch operation and safety auto-reverse facility	●	●	●
Central door locking (doors, tailgate, fuel flap) with security deadlock and torch key	●	●	●
Ultrasonic security alarm system with immobiliser	●	●	●
Push-button tailgate release integrated into right hand tail lamp	●	●	●
Electrically operated sliding/tiltable steel sunroof	●	●	●
Heated rear window with automatic timed cut-off	●	●	●
Intermittent tailgate wash/wipe	●	●	●
Twin electrically adjustable/heated door mirrors	●	●	●
2 speed windscreen wipers plus intermittent and flick wipe. Electric screen wash	●	●	●
Twin jet washer nozzles	●	●	●
2-tone horn	●	●	●
2 coat metallic/pearlescent	N/C	N/C	N/C

● = Standard equipment ○ = Factory fitted option at extra cost R/C = Mexico cloth trim available on 2.0i 16v and Turbo 4x4 at reduced cost N/C = No cost factory fitted option † All Calibra models are equipped with a steel 4j x 15 space-saver spare wheel with 125/85 FR15 tyre Please note that Calibras equipped with 205/55 VR 15 and 205/50 ZR 16 tyres cannot be fitted with snow chains





## ENGINES

	MAXIMUM POWER	MAXIMUM TORQUE	ENGINE FEATURES
2.0i 8v Cat. 1998cc	115PS (85kW) @ 5200rpm	125.4 lb.ft. (170Nm) @ 2600rpm	4-cylinder, overhead camshaft and 8 valve alloy cylinder head, hydraulic tappets and electric cooling fan. Bosch Motronic M1.5 engine management system. Computer controlled ignition and port fuel injection with electronic spark timing. Lambda sensor and 3-way catalytic converter. Compression ratio 9.2:1.
2.0i 16v Cat. 1998cc	150PS (110kW) @ 6000rpm	144.6 lb.ft. (196Nm) @ 4600rpm	4-cylinder, double overhead camshafts and 16 valve alloy cylinder head, hydraulic tappets, electric cooling fan and thermostatically controlled engine oil cooler. Bosch Motronic M2.8 engine management system. DIS ignition system with dual spark control. Sequential port fuel injection with knock control, dual spray fuel injector valves and air mass metering. Lambda sensor and 3-way catalytic converter. Compression ratio 10.5:1.
2.0i turbo Cat. 1998cc	204PS (150kW) @ 5600rpm	206.5 lb.ft. (280Nm) @ 2400rpm	4-cylinder, double overhead camshafts and 16 valve alloy cylinder head, hydraulic tappets, electric cooling fan and thermostatically controlled engine oil cooler. Integral water cooled turbocharger with intercooler. Motronic M2.7 engine management system. Sequential port fuel injection with knock control and air mass metering. 3-way closed loop metallic monolith catalytic converter. Compression ratio 9.0:1.

Please note: All the above Vauxhall Calibra petrol engines run on unleaded fuel only.

## TRANSMISSIONS

MANUAL	CLUTCH DIAMETER	GEAR RATIOS						Rev.	FINAL DRIVE RATIOS
		1	2	3	4	5	6		
2.0i 8v	5-speed (CR)	216mm	3.5:1	2.16:1	1.48:1	1.13:1	0.89:1	3.33:1	3.55:1
2.0i 16v	5-speed (CR)	228mm	3.5:1	2.16:1	1.48:1	1.13:1	0.89:1	3.33:1	3.55:1
2.0i turbo 4x4	6-speed (CR)	228mm	3.5:1	2.16:1	1.45:1	1.10:1	0.89:1	0.74:1	3.32:1 (Front) 3.70:1 (Rear)
AUTOMATIC									
2.0i 8v	4-speed		3.6:1	2.10:1	1.39:1	1.00:1	-	4.02:1	2.40:1

Mechanical asbestos-free, single plate clutch. Front-wheel drive (2.0i 8v/2.0i 16v), permanent four-wheel drive with variable torque split (Turbo 4x4). 5-speed close-ratio (CR) gearbox standard on 2.0i 8v and 16v models. 6-speed close-ratio (CR) gearbox standard on 2.0i 4x4 turbo models. GM 4-speed computer controlled automatic gearbox with Economy, Sport and Winter driving modes is optional at extra cost with 2.0i 8v engine.

## PERFORMANCE AND FUEL ECONOMY

Model	Transmission	PERFORMANCE			FUEL ECONOMY mpg (litres/100km)		
		Maximum Speed (mph)*	Acceleration 0-62mph (100km/h) (secs)*	Simulated Urban Driving	Constant speed 56mph (90km/h)	Constant speed 75mph (120km/h)	
2.0i 8v	5-speed manual	127	10.0	25.4 (11.1)	46.3 (6.1)	37.7 (7.5)	
2.0i 8v	4-speed automatic	114	12.0	25.2 (11.2)	48.7 (5.8)	39.2 (7.2)	
2.0i 16v	5-speed manual	139	7.5†	27.2 (10.4)	49.6 (5.7)	39.2 (7.2)	
2.0i turbo 4x4	6-speed manual	112	6.4†	24.4 (11.6)	40.9 (6.9)	34.0 (8.5)	

\*Manufacturer's figures † 0-60mph

Fuel consumption data for Vauxhall passenger cars officially certified by the United Kingdom Government as required by the Passenger Car Fuel Consumption Order 1984.

**IMPORTANT.** 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.

## WEIGHTS & TOWING DATA

	Kerbweight (kg.)		Gross vehicle weight (kg.)		Maximum roof rack loading (kg.)	Maximum towing weights (kg.)				Speed (mph) per 1000rpm manual transmission			
	Man	Auto	Man	Auto		Trailer with brakes		Trailer without brakes	Maximum trailer noseweight load (kg.)	Rear overhang (metres)	4th	5th	6th
						Man	Auto						
2.0i 8v	1205	1240	1610	1645	100	1350	1350	580	75	0.95	16.7	21.2	-
2.0i 16v	1230	-	1635	-	100	1200	-	580	75	0.95	17.2	21.9	-
2.0i turbo 4x4	1365	-	1735	-	100	1300	-	580	75	0.95	17.0	21.0	25.3

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 towing weights are based on the ability of the car - with two occupants of 70kg (150lbs) each - to restart on a 12% gradient, which is approximately 1 in 8.3 at sea level. At altitudes above 1500 metres (4921ft.), 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 the figure shown. Always fit Vauxhall officially approved towing attachments and accessories available from your Vauxhall dealer. They are the only ones approved by GM for use on Vauxhall cars.

## BRAKES

Dual circuit, diagonally split system with direct action servo.  
**Front:** 10.1in. dia. ventilated disc brakes with floating calipers (11.2in. on turbo 4x4).  
**Rear:** 10.6in. dia. disc brakes with fixed calipers.  
 All models: Electronic anti-lock braking system (ABS). Asbestos-free friction material. Handbrake-on and low brake fluid warning light. Plastic-coated brake pipes.  
**Handbrake:** mechanical, acting on rear wheels.

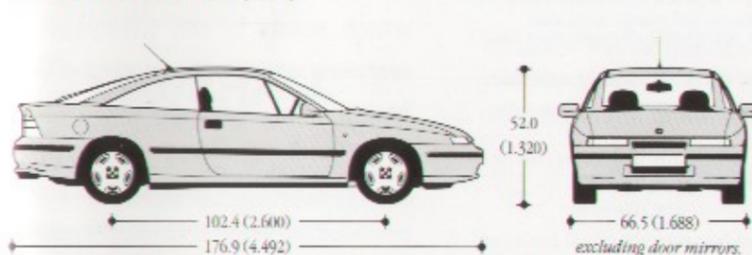
## STEERING

Power assisted rack and pinion. Energy absorbing steering column with mesh section, telescopic lower spindle and tear off support. Tiltable steering column. Turning circle - 10.6m (34.8ft.). Turns lock to lock - 3.3.

## ELECTRICS

12 volt negative earth system.  
 70 amp alternator.  
 90 amp alternator with optional air conditioning.  
 55Ah maintenance-free battery.

## DIMENSIONS inches (metres)



NB: overall width including door mirrors is 75.0 (1.906), overall height with roof antenna is 63.1 (1.604).

## AUDIO

Vauxhall has a long tradition of excellence in the field of In Car Entertainment - and an enviable reputation for innovation. So it is no surprise that, once again, we're raising the stakes with a completely new range of advanced stereo systems.

All Calibras feature a stereo radio/cassette player - with Radio Data System - plus a superb six-speaker sound system that offers truly outstanding sound reproduction. Both units switch on and off automatically with the ignition and also offer independent operation via the on/off/volume knob.

Audio security takes a step into the future too. As well as the burn-in security code, both units feature a removable display panel, handily sized to slip into pocket or purse, leaving the unit inoperative.



### SC 303

Equipped to take full advantage of the new RDS technology, this unit also offers Calibra 8v an auto reverse cassette player with Dolby B noise reduction and cassette programme search.

**Features include:**

- 4 figure security code burnt into memory chip
- Removable display for added security
- Fader and balance controls

## BODY

Aerodynamic drag coefficients -  
 2.0i 8v - Cd 0.26  
 2.0i 16v/turbo 4x4 - Cd 0.29  
 All steel 3 door body with extensive anti-corrosion protection. Safety crumple zones, front and rear. Rigid 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 bumper and rear bumper capable of withstanding minor impacts of up to 2.5mph without permanent damage.

## SUSPENSION

**Front:** Independent. MacPherson struts with coil springs and damper cartridge (gas pressure on 2.0i 16v/turbo 4x4). Anti-roll bar. Negative scrub and anti-dive geometry.  
**Rear:** Independent with semi-trailing arms, progressive rate miniflock springs and telescopic dampers (gas pressure on 2.0i 16v/turbo 4x4). Anti-roll bar.

## 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. Areas prone to stone damage on underside coated with stone-impact primer. Anti-corrosion primers used extensively on bonnet, tailgate, 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 6-year body panel anti-perforation warranty.

## COLOURS AND TRIMS

EXTERIOR COLOURS	INTERIOR TRIM	
Solid colours	Mexico	Leather
Glacier White	Blue	Anthracite
Flourish Red	Anthracite	Anthracite
2-coat metallic colours		
Diamond Black	Anthracite	Anthracite
Star Silver	Blue	Anthracite
2-coat pearlescent colours		
Spectral Blue	Blue	Anthracite
Aurora	Anthracite	Anthracite
Forest Green†	Anthracite	Anthracite

†Please check with your dealer regarding availability of this colour.

For exterior colour illustrations, please refer to the Vauxhall Car Colours brochure. In addition, all Vauxhall dealers have a colour and trim album containing actual trim samples and accurate exterior colour illustrations.



## RADIO DATA SYSTEM

The new range of Calibra audio units incorporates all that's best in In Car Entertainment including a full range of Radio Data System (RDS EON) services.

Both the BBC and some independent local radio stations now broadcast RDS signals - alongside their normal programme signal - containing coded information to be received and decoded by a special unit in the radio.

### Automatic tuning

By locking-on to an RDS station signal - for example BBC Radio 1 - rather than a specific frequency, RDS can search for the strongest source of that signal. It then switches automatically to maintain the best reception as you travel from area to area. Even pre-set stations not actually being listened to are monitored to ensure perfect reception if and when they are selected.

When RDS stations are selected, the station name is displayed - rather than just the frequency. For example when BBC Radio 1 is selected, the display shows 'BBC R1'.

### Traffic Programme

The second major advantage offered by RDS is the Traffic Programme. Pressing the TP button ensures that travel flashes from the closest BBC radio station are automatically broadcast over other radio programmes or recorded music. Even with the volume control turned down, the RDS travel flash will still be heard at a pre-determined level.



### SC 804

This unit has a mouth-watering specification including Dolby B and C as well as soft-touch controls and extra music power. Fitted to 16-valve and turbo Calibras.

**Features as for SC 303 plus:**

- Automatic volume control
- Dolby B and C noise reduction
- Maximum output 20 watts per channel
- SW reception
- Soft touch cassette controls

## VAUXHALL. NO. 1 FOR CUSTOMER CARE

Calibra models are just part of the comprehensive range of Vauxhall cars – one of the widest in the UK. And one which has an enviable reputation for quality, affordable technology, attractive styling and 'driveability'.

There's also the added peace of mind of Vauxhall Assistance and Vauxhall Price Protection. Order a new Vauxhall from the current available range and the price you are quoted is the price you pay – irrespective of any subsequent price rises between order and delivery of your new car. The only qualifications are that your order must be placed no more than three months ahead of the required delivery date and that you take delivery as soon as the car is available. Regrettably, Price Protection does not cover Government-imposed changes to Car Tax and VAT.

To eliminate any uncertainty about 'hidden' costs when buying your new car, Vauxhall quote a recommended price for an on-the-road package. This includes number plates and delivery to the Vauxhall dealer and should be added to the published list price of any model to arrive at the total. Full details can be found in the



Vauxhall price guide or ask your dealer.

Vauxhall has one of the largest franchised dealer networks in the UK with over 500 dealerships. When it comes to service and parts, your dealer is committed to providing high standards of customer care and support. He can also arrange extended mechanical and breakdown protection and motor insurance and may also offer car hire and leasing.

The comprehensive Vauxhall new car warranty provides reassuring cover for the first 12 months of ownership with no restrictive clauses on total mileage. There's further cover too with Vauxhall's 6-year body panel anti-perforation warranty that requires no periodic checks. Both these warranties are transferable if the car is sold.

As part of the company's total customer care concept, Vauxhall Service and Parts operations are fully integrated into one customer-focused organisation – Vauxhall Aftersales.

Vauxhall has forged a strong reputation for vehicles that have minimal routine servicing requirements as a way of lowering overall running costs for owners.

Factory-run courses ensure that dealer technicians are always abreast of the latest developments and are expert in the use of the sophisticated electronic test equipment that is such an important feature of the modern Vauxhall dealer workshop. All of which points to the advantages of entrusting service to the people that know best – your local Vauxhall dealer.

Naturally, genuine Vauxhall replacement parts are a key element of the service provided by dealers. Vauxhall's massive central warehouse has an inventory of around 24 million replacement parts – all rapidly available and carrying a 12-month unlimited, mileage warranty against defect.

And when you're abroad, you still have the service and parts backing of GM service points throughout Europe.

### FOR EXTRA PEACE OF MIND

Winning a top award for vehicle security three years out of four is a measure of Vauxhall's commitment to providing the best possible security features. Calibra owners benefit from an impressive array of theft deterrents that come as part of the standard specification and include:

- Central door locking with deadlock system. Includes tailgate and fuel flap.
- A sophisticated, ultrasonic car alarm.
- Special side profile keys offering 2000 combinations.
- Automatic closure of powered windows from outside the car using door key.
- Security coded audio equipment with removable display.
- Lockable glove box.

And to that comprehensive list can be added free glass etching of the car's registration number. Should the 'etched' vehicle be stolen during the first year of ownership, the owner need only phone Freephone Vauxhall Security (after reporting the theft to the police) and he or she is entitled to the free loan of a car, excluding fuel and insurance, for up to seven days.

The advanced security alarm system fitted to Calibra works in conjunction with the car's deadlock central door locking and not only senses doors, the bonnet or the tailgate being opened but can also detect motion inside the car.

The alarm also protects the stereo system on a separate circuit, immobilises the car through the starter motor and even protects itself against unauthorised disconnection. The system is fully protected against false alarms – for extra peace of mind.

### VAUXHALL Assistance

Vauxhall Assistance is one of the most comprehensive motoring assurance packages in the UK. Designed and run in conjunction with the RAC, it is automatically extended to every new Vauxhall car for the first 12 month warranty period. Its wide-ranging list of benefits includes: full roadside rescue and recovery including 'at home' service, replacement loan car\* and overnight accommodation\* where necessary, European cover and a helpful Accident Management Service.

You'll also be entitled to many other RAC benefits including free technical advice on all aspects of motoring, holiday discounts, free legal advice and support, and full European travel insurance and booking service. Ask your dealer for full details.

*\*Subject to certain limitations*

### VAUXHALL Sureguard

Vauxhall Sureguard is one of the most comprehensive mechanical and breakdown insurance schemes offered by any manufacturer.

For a period of up to four years, it offers extended cover against mechanical failure as well as all the regular benefits of Vauxhall Assistance, including replacement loan car\* and the Accident Management Service. Plus there's Sureguard Business Plan, specially tailored for the high mileage business driver, with its own special benefits being available for two or three years from the vehicle's registration date.

Ask your local Vauxhall dealer for full details – or pick up a Sureguard brochure.

*\*Subject to certain limitations*

### VAUXHALL Finance

From hire purchase to leasing, Vauxhall Finance offers a wide variety of finance packages to help you acquire a new or used vehicle through your Vauxhall dealer.

As a subsidiary of General Motors Acceptance Corporation, we are part of the largest automotive finance organisation in the world, with more than 70 years experience in automotive funding. Who better to advise you on

financing your Vauxhall motoring? For further information, please contact Vauxhall Finance, Wesley House, 19 Chapel Street, Luton LU1 2SE.

Written quotations on request. Security may be required.

### VAUXHALL Insurance

Are you paying more to insure your new Vauxhall than you need to?

The Vauxhall Insurance Plan (VIP) could bring you substantial savings because it is specially designed for all Vauxhall owners.

VIP provides you with a very competitive quotation from one of a specially selected panel of insurers – including Lloyds syndicates – recognising the individual circumstances of the driver and regardless of the model or vehicle, new or pre-owned.

Ask your dealer for details of the Vauxhall Insurance Plan or, alternatively, ring the VIP quotation Hotline on 0762 327979 (8.30-6.00 weekdays, 8.30-5.30 Saturdays).

### VAUXHALL Motability

Disabled people in receipt of the DSS Mobility Allowance or the War Pensioners' Mobility Supplement receive special help from Vauxhall.

Attractive preferential prices or the advantages of low cost contract hire are available on many Nova, Astra, Cavalier and Carlton models through your local Vauxhall Motability Registered Dealer. In addition, those receiving the DSS Severe Disablement Allowance also qualify for preferential prices through our own Mobility Plan.

For full details contact your local Vauxhall dealer, whose trained Motability staff will be pleased to help you. Alternatively, ring Vauxhall Motability Helpline on 0582 861888.

### VAUXHALL Mastercover

Mastercover is a comprehensive service and maintenance policy available on all Vauxhalls for 2 years/40,000 miles or 3 years/60,000 miles.

The vehicle is covered for all scheduled services, including labour and parts, during the

period as well as any unforeseen maintenance such as mechanical or electrical repairs, including up to 5 tyres, whilst the complete range of Vauxhall Assistance and Vauxhall Security benefits are included. Full details and a brochure are available from your Vauxhall dealer.

### VAUXHALL Master Hire Leasing

A nationwide network of selected Vauxhall dealers provides competitively priced, service-oriented car contract hire to business, professional and local authority users. And the full service is based at a nearby Vauxhall dealership.

Vehicle leasing has many advantages, not least being the reduced burdens on company finances. Call Master Hire Leasing on 0926 452557 for the location and number of your nearest Master Hire Leasing dealer. Their Master Hire specialist will outline the advantages of contract hire relevant to your business.

### VAUXHALL Rental

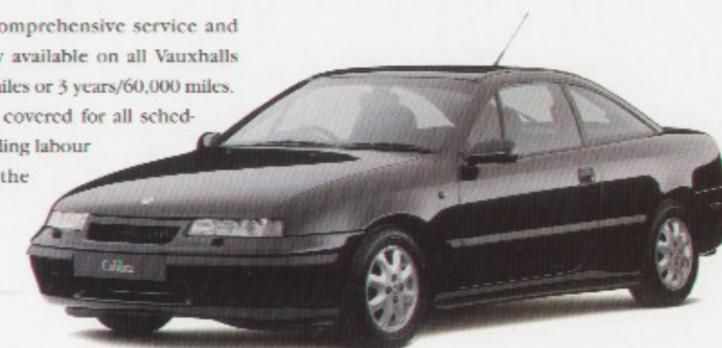
Vauxhall Rental offers an extensive range of vehicles from a network of registered dealers.

Only Vauxhall dealers offer Vauxhall Rental, so you can be confident that the vehicle you select will be clean, well prepared and maintained and offered at really competitive rates. Ring Vauxhall Rental Headquarters on 0582 609960 for details of your nearest dealer.



For a brochure on any car in the Vauxhall range, please call FREE on:

0800-444200



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 (August 1992).

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 affecting the description and illustrations in this publication 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 any additional fitted accessories.

As part of Vauxhall's philosophy of environmental care, this brochure is printed on paper that has been made using only specially farmed, sustainable timber resources. This paper has obtained an ECO-CHECK® five-star environmental rating.



**VAUXHALL**



Vauxhall is backed by the worldwide resources of General Motors

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