

CALIBRA



FULLY IMPORTED FROM GERMANY





**EXPERIENCE THE WINDS OF CHANGE.
THE MOST AERODYNAMIC
PRODUCTION CAR IN THE WORLD.**

Exhilarating performance and sleek, dramatic looks that belong to the future. That's what the world record drag co-efficient figure of just 0.26 has bestowed on this luxury sports coupe.

Designed and built in Germany, the Calibra has already won international acclaim and design awards throughout Europe and Japan.

Which is not surprising when you consider it's managed to combine world beating aerodynamics, the practicality of being a genuine 4-door and the style of a luxury sports coupe.

At the heart of its remarkable performance is a 2.0 litre, sequential fuel injected, double overhead cam, 16 valve engine. This is coupled to a close ratio 5 speed manual transmission.

There is also the choice of an electronically controlled 4 speed automatic with lock up torque converter and three separate driving modes. All of which is only available with the 6 valve engine.

Underneath, technology abounds.

Independent Rear Suspension, four wheel Anti-Lock Braking System.

While inside, power everything. Mirrors, windows, steering, console. Even air conditioning is a standard feature.

And the Calibra is protected by central locking, door deadlocks and an anti-theft alarm system which utilizes ultra-sonic movement detectors. Even the radio cassette player has a personalised PIN number security system.

In short, it heralds a new era for the world of luxury sports coupes.



BREATHTAKING LOOKS, WORLD BEATING AERODYNAMICS.

Once you appreciate the amount of applied engineering undertaken to achieve this remarkable aerodynamic figure and what it provides Calibra with, it all makes sense.

Germany's Opel engineers initially achieved a 0.31 Cd figure in the formative design stages.

From there, they worked diligently to reduce this even further as they progressed toward the production model.

After its 1/10 scale prototype was developed at Rüsselsheim in West Germany, it was wind tunnel tested at the University of Stuttgart.

Then the DNW wind tunnel in the Netherlands, then in Switzerland and Turin, Italy. Finally perfecting it to a 0.26 Cd reading.

The first priority was to improve fuel consumption, and the second to improve top speed. As a result, it's now capable of delivering an incredible 5.6 litres per 100 kilometres (highway cycle AS2877 test) or 50 miles per gallon and of being propelled from 0-100kph in a blistering 8.5 seconds.

Calibra's high tail with its trailing edge spoiler has been designed to ensure minimum rear axle lift.

Thus creating maximum stability and superior handling at high speed.

Glaze at the Calibra front on and its smooth body panels curve slightly outwards, while its waistline rises continuously towards its tail.



**RARELY DOES A DESIGN REMAIN TRUE
TO ITS ORIGINAL CONCEPT.**

From the first sketches by its designers, the Calibra always looked futuristic and droplet shaped.

Unlike most sports coupes, its design was merely enhanced during the production stage, not compromised. Starting at the front, its low nose is accentuated by the fixed slit wrap around headlights and shallow air intakes above and below the main bumper line ensuring air flows are not disturbed by wheel or tyre turbulence.



The advanced technology of Calibra's unique ellipsoidal headlights continue its sleek lines and aerodynamics with a minuscule 79mm high opening. Amazingly, they combine high-low beams, and turn indicators under a single lens. This new optical principle provides a higher light yield, reduced scatter effect and a sharper light-dark boundary to its beam.

Move up its curvaceous bonnet and you'll discover a windscreen raked at a radical 64 degrees. Further adding its slippery shape, the rear windscreen falls away at a similar angle.

On the side windows, semi-fixed, frameless windows cross the B pillar. Precision seals between panels, flush alloy wheels, even the integral design of the side mirrors, all contribute to the aerodynamics and lower wind noise.

Nothing has been overlooked with meticulous attention to detail.



4-speed automatic with lock-up torque converter.



Pilbeam does add that extra sporty feel.



Instrumentation includes tachometer and warning light icons.



A STANDARD OF INTERIOR APPOINTMENTS NOT NORMALLY STANDARD.

Sports coupes traditionally have been endowed with ample power in the engine department and have left the interior rather spartan.

The Calibra, by contrast, has a standard of equipment rarely seen even in top of the range competitive models.

An impressive array of electric power comforts. Steering, windows, mirrors, sunroof. All standard. As is a 6 speaker stereo radio/cassette system.

Equal credence is given to air flows inside with a multi-vent, slide control air conditioning system also as standard.

An indication of Calibra's technological excellence is the fact that even the side mirrors are heated to keep them dry and perfectly visible.

A sophisticated anti-theft system utilizes ultrasonic movement detectors programmed precisely for cabin dimension.

Security measures continue with a central locking system for doors, an ignition disable, a deadlocking mechanism, hatch and fuel filler, all controlled by a 'torch' key. There's even a PIN security number on the radio cassette player.

So as you can see, German automotive designers appreciate the importance of indulgence even in a sports coupe.

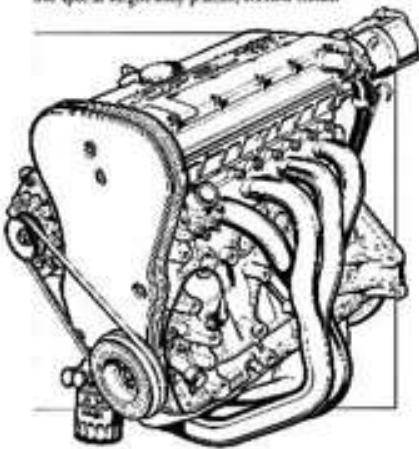


Electric side mirror and window controls which blend into the completely integrated door panel.

**CALIBRA'S DRAMATIC
LOOKS DEFINITELY LIVE UP
TO THEIR PROMISE.**

A masterpiece of engineering, the Calibra's 2.0 litre, sequential fuel injected, double overhead cam, 16 valve engine features all the high performance touches you would expect from a German car.

For the technically minded this includes things like special forged alloy pistons, various coated



1 litre, double overhead cam 16 valve engine.

exhaust valves, polished ports, a fabricated stainless steel manifold... the list goes on.

Under the control of the very latest Bosch Motronic digital engine management system, the engine develops 116kW of power. The engine management system controls ignition timing and fuel injection. Through its self-diagnosis mechanism, sensors process information up to 5200 times a second. This ensures an optimum balance between power, economy and engine emissions.

Channelled through the Calibra's close-ratio five-speed manual gearbox, the 2.0 litre powerplant propels the Calibra from 0-100kph in a blistering 8.5 seconds.

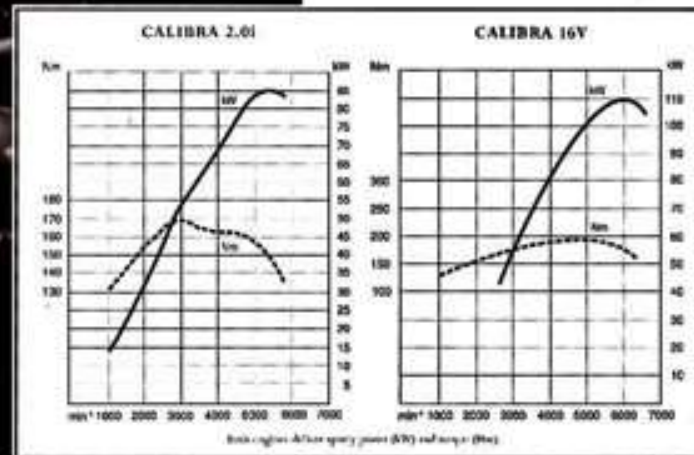


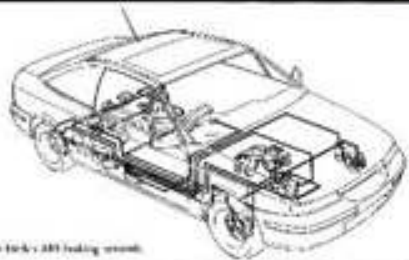
However, what's really remarkable about the 2.0 litre engine is that it's capable of delivering an incredible 5.6 litres per 100 kilometres (highway cycle AS2877) or 50 miles per gallon. A true testament to the Calibra's engineering and aerodynamic prowess.

The Calibra is, of course, available with electronically controlled, 4 speed automatic transmission with lock up clutch on 3rd and 4th gear for the torque converter and 3 different operational modes - Economy, Sports and Winter. This is coupled with a single overhead cam 8 valve engine. Producing 83kW of power at 5200rpm.

In keeping with current environmental standards, both engines have a three-way catalytic converter which does not affect power or economy.

Whichever you choose, one thing is certain. The Calibra possesses all the technical refinements necessary to maintain the performance of both.





The Calibra's ABS braking system.



The Calibra's anti-lock brake system can adjust brake pressure many times a second in order to prevent skidding under heavy braking.



BENEATH ITS EUROPEAN STYLING LIES A WEALTH OF EUROPEAN TECHNOLOGY.

In typical German tradition, the Calibra features the sophisticated Bosch five channel anti-lock four-wheel disc braking system as standard.

It adjusts braking pressure many times a second in order to prevent skidding under heavy braking.

Along with the Calibra's rigid passenger safety cell and built-in crumple zones, it ensures not only a safer environment for the driver, but flawless balance and handling.

This, in turn, is complemented by the Calibra's highly advanced suspension.

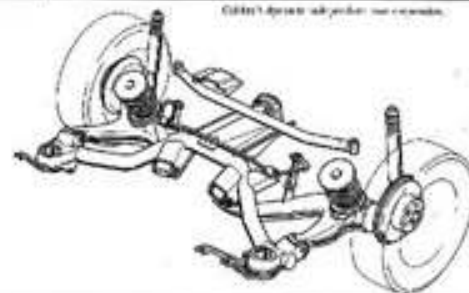
Tuned for high stability and sporty handling, the Calibra's independent rear suspension enhances traction on any road surface even allowing for load or acceleration.

Incorporated into the trailing arm pivots is an anti-squat geometry which further assists in keeping Calibra on the straight and narrow.

Simultaneously, the front wheels are controlled by the renowned performance of McPherson struts.

The ride height itself is set at a sporty but not impractically low level.

The 16 valve engine models also have gas pressure shock absorbers, to add an extra dimension of ride comfort.



Calibra's sports suspension has crumple zones.

Complementing the ABS are disc brakes employed on all four wheels. They are ventilated at the front and given extra power by a vacuum booster integrated with the master cylinder.



Children's integrated headrests continue to function with adult's for extra safety and security.



Integrated headrests.



A SENSE OF PRACTICALITY NORMALLY RESERVED FOR THE REALM OF FAMILY CARS.

Thanks to its uniquely long 2600mm wheelbase, the 460 offers genuinely comfortable seating for up to four people while providing ample space for freedom of movement.

A feeling of spaciousness is created not only by the amount of glass but by the truly ample head, shoulder and leg room in the front and rear.

Quite an achievement for any coupe, let alone the most aerodynamic production car in the world. Especially when you consider that the 460's rear hatch boot offers 184 litres (11.48 cubic feet) of load space and 500 litres (36.5 cubic feet) with the seats folded down. In fact, there's even a 60/40 split fold rear seat to accommodate lengthy objects like skis or golf clubs.

Of course, the exuberant style of the sleek metal has been continued inside with a curved integrated fascia. Creating a blend of ergonomics, hi-tech instrumentation and unquestionable style.

But, ultimately this is a luxury sports coupe. You're made abundantly aware of it the moment you ease into the height and rake adjustable sports bucket seats.

Door and rear side trim are shaped to the door inner profile, covered in the same cloth as the seats.



Thus providing a unified cockpit-type environment. The instrumentation creates clear, accessible information. There to inform, not to annoy.



Dynamically air vent headlight controls, conveniently placed to the right of the wheel.



THE ANGLES FROM THE INSIDE ALSO PROVIDE A FEAST FOR THE EYES.

Vision is always critical in a luxury sports coupe. This is dictated primarily by the shape of the car but also by the amount of glass incorporated into the design. In both these respects, Calibra is exemplary.

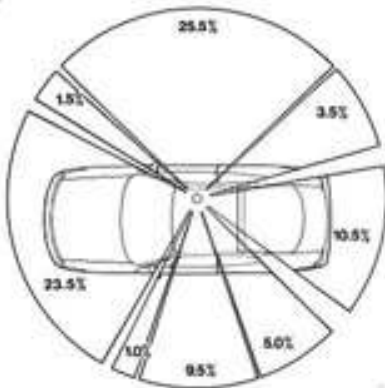
At a glance, slim, rounded body pillars and large area windows provide the Calibra driver with an above-average, virtually unobstructed view in every direction.

Its plummeting front nose ensures excellent road vision at all times while driving.

The sense of openness is easily accentuated by the "spoiler angled" electrically operated sunroof. By angling it rearwards, the wind draft inside the coupe is negligible.

Air flows inside are well within the driver's control with four variable outlets controlling both heat and air conditioning.

"Spoke-angle" steering wheel



Blue body pillars and large expanses of glass provide high percentage angles of vision.



On the defrost setting, additional air is directed on to the front side windows so that the door mirrors are visible.

In true German attention to detail, even the tailgate is ventilated.



Comprehensive push buttons and sliders are conditioning controls.

FEATURES

S Standard Feature A Dealer Fitted Accessory O Option

POWERTRAIN	DOHC MAN	SOHC AUTO
2.0 litre multipoint sequential fuel injection and engine management computer	S	S
Twin camshaft, 16 valve cylinder head	S	
5-speed manual transmission	S	
4-speed auto, (with overdrive and fuel-saving torque converter)		S
Computer control, with Economy, Sport, Winter driving modes		S
MECHANICAL		
Power steering, rack & pinion	S	S
Stabiliser bars front & rear	S	S
Coil springs front and rear	S	S
Independent rear suspension	S	S
Hilstein gas pressure shock absorbers, all round	S	
Four-wheel power disc brakes	S	S
Electronic anti-lock brakes	S	S
WHEELS, TYRES		
6J x 15 alloy wheels, 205/55R15 low profile tyres.	S	S
EXTERIOR		
Grille in body colour	S	S
Body colour bumpers	S	S
Front bumper air dam	S	S
Flush cabin glass	S	S
Flush door handles	S	S
Metallic paintwork, in base coat, clear coat system	O	O
Exterior mirrors in body colour	S	S
Bodyside mouldings (black)	S	S
Aerodynamic side skirts	S	S
Rear skirt	S	S
— in body colour	S	S
Sports oval exhaust outlet		S
Twin rectangular exhaust outlets	S	
Black exhaust outlet styling	S	S
Licence plate frames	A	A
DRIVER		
Four spoke steering wheel	S	S
— leather covered	S	
Leather covered gearshift knob	S	
Exterior mirrors, power remote control	S	S
Exterior mirrors heated	S	S
Convex exterior passenger side mirror	S	S
Intermittent windscreen wipers	S	S
Tailgate window wiper/washer	S	S
— wiper intermittent	S	S
Electric rear window demister with auto-off timer, 15 minutes	S	S
Day/night prismatic mirror	S	S
Analogue clock	S	S
Cellular car phone	A	A
Halogen ellipsoid headlamps	S	S
Rear fog lamps	S	S
Electric headlamps levelling	S	S
Speedometer	S	S
Odometer	S	S
Trip meter	S	S
Tachometer	S	S
Temperature gauge	S	S

DRIVER

Fuel gauge	S	S
Variable instrument dimming	S	S
Warning lamps include		
– brake failure	S	S
– alternator	S	S
– parking brake	S	S
– oil pressure	S	S
– check engine	S	S
– rear demister on	S	S
– rear fog lamps on	S	S
– low fuel	S	S
Multi-function check on engine start for: Windscreen washer fluid, engine oil level, engine coolant level, head/tail/brake lamp failure, front disc pad wear.	S	

SOUND SYSTEM

AM/FM electronic tune stereo radio	S	S
20 station memory	S	S
Extra 10 station automatic station store memory	S	S
Local/Distant station search	S	S
Separate bass & treble controls	S	S
Cassette player	S	S
Metal tape equalisation	S	S
Six speakers	S	S
Front speakers, co-axial type	S	S
Front/rear fader control	S	S
Roof mount aerial	S	S

SEATING

Sports front seats	S	S
Front seat headrests	S	S
Headrests height adjust	S	S
Headrests fore/aft adjust	S	S
Headrests cloth trimmed	S	S
Headrests padded	S	S
Bucket seatback recline	S	S
Fore/aft seat slide, driver	S	S
– passenger	S	S
Driver's seat height adjust	S	S
– passenger	S	S
Front seat belt sash height adjust	S	S
Seat trim in woven cloth, with velour sides	S	S
Seat trim in sports design	S	S

CHILDREN

Child rear seat anchor points	S	S
Child seat & cover	A	A

CABIN COMFORT

Electric sliding, tiltable sunroof	\$	\$
Air conditioning	\$	\$
Power windows, front	\$	\$
— auto up with reverse safety facility on driver's door	\$	\$
— time delay	\$	\$
— express down, both windows	\$	\$
Windows auto shut when driver locks car	\$	\$
Concealed front cigarette lighter and ashtray	\$	\$
— illuminated	\$	\$
Vanity mirror on sunvisor, passenger side	\$	\$

CABIN COMFORT

Centre dome lamp activated by both doors	S	S
Colour-keyed carpet	S	S
— velour	S	S
Carpet floor mats, standard or deluxe	A	A
Integrated armrests & grab handles on doors	S	S
Padded cloth insert on door trim	S	S
Sports style cloth	S	S
Moulded headlining, cloth	S	S
Tinted upper band, flush-bonded, laminated windscreen	S	S
Tinted side windows	S	S
— rear	S	S
Sunshade, rear	A	A

STORAGE, CARGO, TOWING

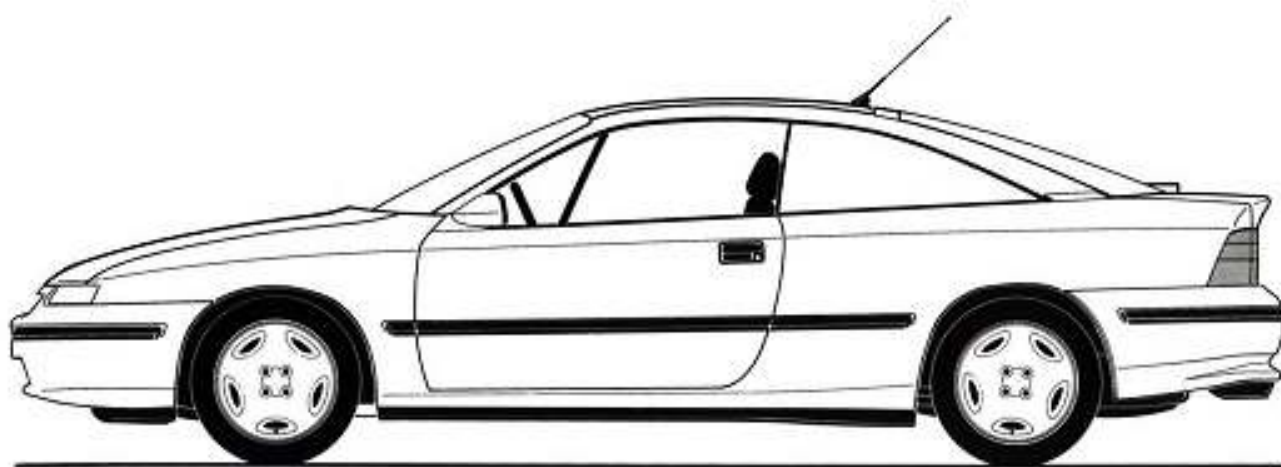
Glovebox lamp	S	S
Glovebox cooler	S	S
Glovebox non-slip mat	S	S
Centre console	S	S
Front door storage bins	S	S
– full length	S	S
Storage pockets rear of driver/pass seat	S	S
Coat hooks	S	S
60/40 split-folding rear seatback	S	S
Deck lid gas strut assist	S	S
Carpeted cargo area floor and sides	S	S
Carpeted rear seatback	S	S
Load area sill protection	S	S
Cargo cover	S	S
– hinged	S	S
– carpeted	S	S
Lamp in cargo area	S	S
Roof rack	A	A
Towing equipment: towbar (1200 kg) tongue, ball, wiring harness	A	A
Double-sided profile-cut key	S	S
Security shields on door locks	S	S
Power door locks, central, for door, hatch, fuel filler door	S	S
Torch key	S	S
Vehicle security system, including alarm	S	S
– motion detector facility	S	S
– motion detector “off” switch to allow passengers/pets to remain in car	S	S
– engine disable	S	S
– flashing lamp to show vehicle is protected	S	S
– key-operated deadlock (doors, hatch and fuel filler)	S	S
Locking glovebox	S	S
Radio/cassette security electronics using P.I.N.	S	S
Headlamp guards	A	A
Hood guard	A	A
Radiator insect screen	A	A
Under bonnet lamp	S	S
Splashguards (moulded shape) front & rear	A	A
Full immersion body corrosion protection, including zinc	S	S
Front wheelarch liner	S	S
Dual horns	S	S
High mount stop lamp	S	S

SPECIFICATIONS

ENGINE

Four cylinder. Multipoint electronic fuel injection. Electric cooling fan. 91 or 95 octane fuel.

	MANUAL:	AUTOMATIC:
	Alloy head. Dual overhead camshafts. Four valves per cylinder. Sequential fuel injection. Knock control. Bosch Motronic M2.5 engine management computer. Engine oil cooler with thermostatic control.	Alloy head. Single overhead camshaft. Bosch Motronic M1.5 engine management computer.
Stroke (mm)	86	
Bore (mm)	86	
Capacity (cm ³)	1998	
Compression Ratio	10.5:1	9.2:1
Power (Din) (kW)	110 @ 6000 rpm	85 @ 5200 rpm
Torque (Din) (kW)	196 @ 4800 rpm	170 @ 2600 rpm
Transmission Ratios	Five speed manual: 1st: 3.35 2nd: 2.16 3rd: 1.48 4th: 1.13 5th: 0.89 Reverse: 3.33	Four speed auto: 1st: 3.67 2nd: 2.10 3rd: 1.39 Drive: 1.00 Reverse: 4.02
Final Drive Ratio	3.55	2.40
Fuel Economy (Litres/100km AS 2877 tests)	City cycle: 8.5 (33 mpg) Highway cycle: 5.6 (50 mpg)	City cycle: 10 (28 mpg) Highway cycle: 6.2 (46 mpg)
Fuel Tank Capacity (litres)	63	
Suspension	Front: MacPherson strut with negative scrub radius geometry. Stabiliser bar.	
	Gas pressurised shock absorbers.	Twin tube telescopic shock absorbers.
	Rear: Independent, semi trailing arm. Minibloc coil springs with progressive rate. Stabiliser bar.	
	Gas pressurised shock absorbers.	Twin tube telescopic shock absorbers.
Steering	Power assisted rack and pinion.	
Brakes	4 wheel disc with ABS anti-lock system. Asbestos free pads.	
Luggage Capacity (litres)	Rear seat up: 284 to load cover height Rear seat down: 980	
Exterior Dimensions (mm)	Length: 4492 Width: 1688 Heights: 1320	
Interior Dimensions (mm)	Leg room: front/rear 1072/843 Shoulder room: front/rear 1328/1328 Head room: front/rear 937/898 Hip room: rear: 1276	
Wheelbase (mm)	2600	
Track (mm)	Front: 1426 Rear: 1446	
Kerb Weight (kg)	1195	
Turning Circle (kerb to kerb) (m)	10.6	
Wheels & Tyres	Wheels: 6J x 15 alloy Tyres: 205/55R15 steel belted radial.	
Routine Service	Each year, or 15,000 km.	



Magma Red



Casablanca White



Diamond Black



Mistral Grey



Blue Anthracite (only available on Casablanca White vehicles).



Anthracite (only available on Magma Red, Diamond Black and Mistral Grey vehicles).

ACCESSORIES. ENHANCING CALIBRA'S STYLE.

For those who want to individualise their Calibra, there are a range of external accessories available. All are designed to protect your Calibra and fully integrate with its overall design. These include bonnet protector and headlamp guards, front and rear moulded splash guards, roof rack and external rear sunguard (developed in Australia and now being exported to Opel in Germany).



Bonnet protector and headlamp guards.



Rear moulded splash guards.



Front moulded splash guards.



Roof rack and rear sunguard.

HOLDENWISE. PART OF CALIBRA'S APPEAL.

Calibra has a significant advantage over any other fully imported European sports coupes. And for that matter, most other cars. It is instantly keyed into a nationwide network of specialist General Motors-Holden's Dealers and their HoldenWise service centres.

Because General Motors-Holden's Dealers are committed to HoldenWise, you are assured of a comprehensive package of after sales service and parts support which is unique to Holden Dealers.

And work done by participating dealers is covered by a dealer workmanship warranty of six months or 10,000kms. Naturally, there's also a Holden parts warranty of 12 months or 20,000 kilometres.

The added protection of an extended vehicle warranty provides even more peace of mind. For a relatively small price, you can increase the Holden 12/20 warranty by one, two or three years.

With a network of over 350 dealers nationwide, one is no doubt nearby.



HOLDEN 12/20 WARRANTY. Every Holden Calibra is covered by the Holden New Vehicle Warranty which covers your vehicle for the first 12 months or 20,000 kilometres, whichever occurs first. A word about this catalogue. We have tried to make this catalogue as comprehensive and factual as possible. However, since the time of printing some of the information you'll find here may have been updated. Also, some of the equipment shown or described through this catalogue may have been changed and/or is available at extra cost. And the right is reserved to make changes at any time without notice, in prices, colours, materials, equipment and models. Your Holden Dealer has details, and before ordering, you should ask him to bring you up to date. No Holden Dealer or other person is authorised or permitted to give or make any statement, assertion or undertaking in relation to the quality, performance characteristics, descriptions or fitness for any purpose of any Holden product which is at variance with any written statement, assertion or undertaking on any of these subjects given or made by General Motors-Holden's Automotive Ltd A.C.N. 006 893 232 or General Motors-Holden's Sales Pty. Ltd. A.C.N. 004 688 831 in its published sales literature, and neither company accepts any liability for any such unauthorised action. General Motors-Holden's Automotive Ltd. and General Motors-Holden's Sales Pty. Ltd. have franchised dealers in many parts of Australia for the sale of service parts and the provision of service to owners of Holden's products. Every endeavour is made to ensure that such dealers carry adequate stocks of service parts, but neither General Motors-Holden's Automotive Ltd. nor General Motors-Holden's Sales Pty. Ltd. makes any promise other than that contained in the New Vehicle Warranty given by General Motors-Holden's Automotive Ltd. that such parts or service facilities will be available at any specific location or at any particular time. Copyright General Motors-Holden's Automotive Ltd. Printed October 1991. AD 10453.

