



LOTUS CARLTON



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More often than not, dramatic acceleration figures and extrovert styling are considered far more important than practical features when a car of exceptionally high performance is being designed. The new Lotus Carlton is the exception. Developed from Vauxhall's best-in-class Carlton GSi 3000, it combines prodigious power and torque with all the luxury and convenience of a spacious, big-booted, beautifully trimmed and fully equipped four-seater.



One man is responsible for building each of the Lotus Carlton's 3.6-litre, six-cylinder, 24-valve engines. Boosted by a pair of Garrett T25 turbochargers, this refined and flexible engine develops 377 hp at 5200 rpm while the torque curve's maximum is 419 lb ft at 4200 rpm.

Performance figures worthy of a mid-engined two-seater include 0-to-60mph in 5.2 seconds and 0-to-100 mph in 11.5 seconds.





SPECIFICATION HIGHLIGHTS

INTERIOR FEATURES

Anthracite leather trim.
Fully reclining sports front seats with height adjustment.
Heated front seats with two-way lumbar adjustment.
Split-folding rear seat back (50/50).
Polished wood inserts in doors and centre console.
Rev counter.
Multi-function check control warning panel.
Full air conditioning system.
Blaupunkt CDP09 compact disc player.
Blaupunkt Memphis stereo radio/cassette.

EXTERIOR FEATURES

Long range halogen driving lights integral with headlamps.
Green tinted glass all round.
Electrically operated windows front and rear.
Central locking.
Electrically operated sliding/tiltable glass sunroof.
Security alarm system.
Imperial Green 2-coat pearlescent paint.

PERFORMANCE FIGURES

0-60 mph - 5.2 secs
0-100 mph - 11.5 secs
Standing ¼ mile 13.6 secs @ 108.8 mph

ENGINE DATA

Engine: 3.6litre 24v
6 cylinder in-line DOHC with aluminium cylinder head and hydraulic tappets.
Output: (DIN-rating): 377 hp (281kW) @ 5200rpm
Torque (DIN-rating): 419lb.ft. (568Nm) @ 4200rpm
Catalytic converter: Closed loop control, (2x2 ceramic elements).
Fuel system: Electronically controlled injection with deceleration fuel cut off and two Lambda probes.
Turbocharging: 2 Garrett T25 turbochargers providing to 0.7 bar boost.

DRIVE LINE

Transmission: Fully synchronised six-speed ZF manual transmission.

DIMENSIONS inches (metres)

Overall length 187.7 (4.768)
Overall height (exc. aerial) 56.5 (1.435)
Overall width (exc. mirrors) 71.3 (1.812)
Overall width (inc. mirrors) 76.1 (1.933)
Wheelbase 107.5 (2.730)

FUEL CONSUMPTION

mpg (litres/100km)

Simulated	56mph	75mph
Urban Driving (90km/h)	(120km/h)	
17.6 (16.1)	34.9 (8.1)	27.5 (10.3)

FUEL CAPACITY

16.5 Imp. gallons (75 litres).

CHASSIS

Front axle: Independent front suspension with Lotus tuned MacPherson struts.
Rear axle: ACT multi-link rear suspension with two semi-trailing arms and one crossmember - double conical 'mini block' progressive rate coil springs - automatic suspension levelling.
Limited slip differential gear: Standard.

BRAKES

Front brakes: Four piston fixed caliper - ventilated discs.
Rear brakes: Two piston fixed caliper - ventilated discs.
Asbestos-free brake pads.
Electronic anti-lock braking system (ABS).

STEERING

Speed sensitive power steering.
Energy absorbing steering column.
Four spoke padded safety steering wheel.

LOAD CAPACITY (cu.ft.)

VDA Method
Rear seat up: 18.4 - Rear seat down: 30.7

WHEELS AND TYRES

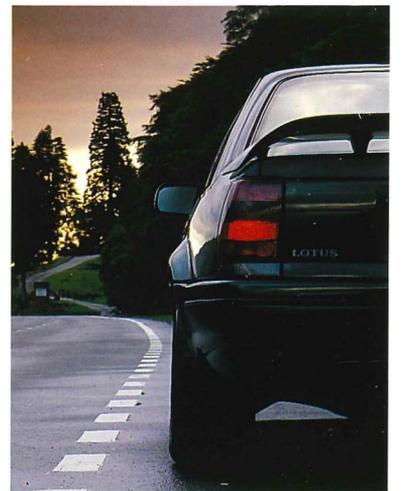
8.5Jx17 inch alloy 5-spoke front wheels.
9.5Jx17 inch alloy 5-spoke rear wheels.
235/45 ZR17 front tyres.
265/40 ZR17 rear tyres.

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 (July 1990). However, with Vauxhall's policy of continuous product improvement, the Company reserves the right to change specifications and make modifications to the vehicle described and illustrated at any time.

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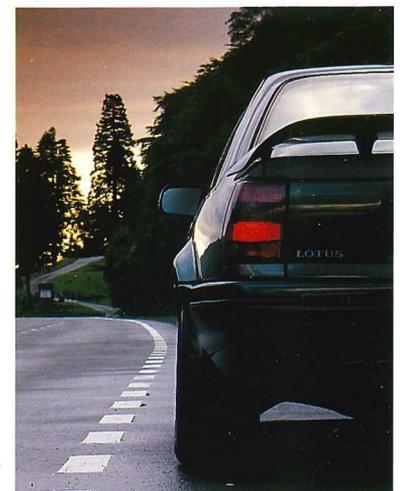
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LOTUS CARLTON DEALERS

Mr I Crighton
 Managing Director
 Lawrence of Kemnay
 Aquithie Road
 Kemnay
 AB5 9PD
 Tel. 0467 42406

Mr D Newbury
 Managing Director
 The SMT Sales & Service Co Ltd
 7-9 Roseburn Street
 Edinburgh
 EH12 5PP
 Tel. 031 337 9100

Mr R Quinn
 Sales & Marketing Manager
 Priory Garages
 St James Square
 Gateshead
 Tyne and Wear
 NE8 3RQ
 Tel. 091 477 8595

Mr W Uppington
 General Manager
 JCT600 Limited
 Edward House
 339 Sticker Lane
 Bradford
 BD4 8RJ
 Tel. 0274 651651

Mr J Boyden
 Group Managing Director
 Boyden (Derby) Ltd
 Pentagon Island
 Nottingham Road
 Derby
 DE2 6HB
 Tel. 0332 362661

Mr P Swire
 Dealer Principal
 Moorland Motors
 149-151 Ansdell Road
 Blackpool
 FY1 6PS
 Tel. 0253 696747

Mr H J Bowers
 Managing Director
 Kirkby Central Bolton
 Manchester Road
 Bolton
 BL3 2NY
 Tel. 0204 389999

Mr S Thompson FIMI
 Chairman and Managing Director
 Steve Thompson Cars Limited
 Eastern Avenue
 Lichfield
 WS13 7SA
 Tel. 0543 258822

Mr R M Scantlebury
 General Manager
 Mann Egerton
 London Road
 St Ives
 Huntingdon
 PE17 4ES
 Tel. 0480 62952

Mr J P Bowler
 Managing Director
 Piper Engineering (Service) Ltd
 Pipers Corner
 Lamberts Road
 North Farm Estate
 Tunbridge Wells
 Kent
 TN2 3EL
 Tel. 0892 515700

Mr W Frost
 Managing Director
 Frosts (Cars) Limited
 398 Brighton Road
 Shoreham by Sea
 Sussex
 BN4 6RT
 Tel. 0273 461411

Mr M Brown
 Managing Director
 Browns Garage (Loughton) Ltd
 High Road
 Loughton
 Essex
 IG10 1AA
 Tel. 081 508 6262

Mr P McKay
 Monorep Limited
 Poplar Avenue
 Norwood Green
 Southall
 Middlesex
 UB2 4PN
 Tel. 081 574 0722

Mr P Dyson
 General Manager
 Nash of Cardiff
 Sloper Road
 Cardiff
 CF1 8TE
 Tel. 0222 387221

Mr C J F Clarkson
 Director
 Welch Limited
 Avon Street
 Bristol
 BS2 0PZ
 Tel. 0272 770411

Mr G M Tice
 Managing Director
 Tice and Son (Wimborne) Ltd
 Walford Bridge
 Wimborne
 Dorset
 BH21 1NW
 Tel. 0202 842414



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