



EUROPA TWIN CAM (And Variants)

SERVICE PARTS LIST

LOTUS CARS LIMITED

Norwich Norfolk, Nor. 92W England

Telephone: Wymondham 3411 Cables: Lotus, Norwich Telex: 97401

Part No. A074 T 0325Z

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CONDITIONS OF SALE AND WARRANTY

We reserve the right to make changes or improvements in the construction or equipment of our products at any time. It is our general policy, however, to supply components to the latest specification.

DELIVERY

Any date quoted for delivery is an estimate and under no circumstances shall the Company be liable for delay in delivery, howsoever occurring.

PRICE

Goods purchased will be supplied at the price ruling at the date of delivery. Lotus Cars Limited reserve the right to alter prices without previous notice. All prices are ex-factory, packing and carriage extra.

PAYMENT

Terms of payment are strictly CASH ON DELIVERY except where prior credit facilities have been arranged.

CORRESPONDENCE

All correspondence relating to parts must carry both the order number and the invoice number.

PART NUMBERS

Part numbers must always be quoted on all correspondence, advise notes, invoices and parts order forms.

LIABILITY

The Company's liability is limited as set out below; any implied condition or warranty is hereby excluded, and the Company will not be liable in damages for any injury or loss, damage or expense howsoever incurred or arising in connection with goods ordered hereunder.

DAMAGED PARTS

Damage to received parts should be assumed to have occurred in transit, and claims should be made on the carriers and/or their Insurance Company. Parts will not be accepted for credit unless previously agreed. Carriage of parts returned will be at the purchaser's expense, unless previously agreed.

VARIATION

No variation of these conditions or this Warranty shall be binding on the Company unless in writing signed by a Director on behalf of this Company.

1. The Company will during the Warranty period of THREE MONTHS at their sole option, repair or replace free of charge to the purchaser any part which in their opinion is defective owing to faulty workmanship or materials; the cost of carriage and any labour costs incurred in dismantling or reassembly shall be charged to the purchaser.
2. Where the Warranty period is THREE MONTHS, the Company will within the remaining period of the original three months from the date of supply, repair or replace on the terms of the foregoing clause any part supplied under that clause which in the Company's opinion is defective owing to faulty materials or workmanship.
3. The Company's undertaking to repair or replace applies ONLY to parts of Lotus design, that is, parts manufactured by, or to the specification of one of the Lotus Group of Companies. The Company will be under no legal liability in respect of parts not of Lotus design but will, during the Warranty period, at the request of the purchaser (who shall reimburse the Company for any expense incurred) take reasonable steps to secure the repair or replacement by the manufacturer of any such part which may be defective.
4. Should the Company in their discretion carry out extra work or supply any extra parts free of charge, they shall be under no legal liability of any kind in connection therewith, and the provisions of the Warranty shall not be deemed in any way to have been waived.

CLAIMS UNDER WARRANTY

Claims for the replacement of material or parts under Warranty must always be submitted to the supplying Distributor for the area concerned. All faulty material in the United Kingdom must be correctly labelled and returned to Lotus Cars Limited. For all other territories faulty material must be held by the supplying Distributor pending settlement of the claim. The Factory will NOT accept charges for the return of such parts or the packing or the crating of the same. In all cases of claims under Warranty, the decision of Lotus Cars Limited is final.

1. No claim under Warranty will be accepted by the Company if after delivery:
 - a. Goods sold have been used in connection with motor racing or any motor competition.
 - b. Defective parts have been altered or identification numbers removed.
 - c. Damage occurred through mishandling or misuse.
 - d. Modifications that have been carried out on the vehicle which are outside the specifications provided for by the Company or when genuine parts have been replaced by parts of another origin.
2. The Company may reject a claim under Warranty unless:
 - a. Parts claimed to be defective are sent to the Company carriage paid promptly after the discovery of the fault.
 - b. Parts are properly packed and labelled, with all necessary identification numbers recorded.
 - c. The purchaser furnished full information as to the purchase of the goods and the nature of the claim.

INTRODUCTION

This publication contains all assemblies and parts sold as spares; it enables one to determine with precision their **Part Numbers** and to identify them from the illustrations.

Vehicle Chassis Number

The method of identifying a vehicle, whether Component - Build or Fully - Built, is by use of the Vehicle Chassis Number which is comprised of code numbers as shown below. The Vehicle Chassis Number will be found stamped on a plate which is fixed to the left - hand side of the engine bulkhead.

<u>7001 . 0001A</u>	Both chassis and body numbers being the same.
<u>7001</u>	Represent year and month of manufacture.
<u>0001</u>	Represents the unit (chassis) number.
<u>A</u>	Represents the model code.

As there are sixteen different model types within our present production control, the following codes will be used for correct model identification:-

Elan Standard	Fixed Head	United Kingdom	A
Elan Standard	Fixed Head	Export	B
Elan Standard	Drop Head	United Kingdom	C
Elan Standard	Drop Head	Export	D
Elan Special Equip.	Fixed Head	United Kingdom	E
Elan Special Equip.	Fixed Head	Export	F
Elan Special Equip.	Drop Head	United Kingdom	G
Elan Special Equip.	Drop Head	Export	H

Elan Federal	Fixed Head	Export	J
Elan Federal	Drop Head	Export	K
Elan +2 'S' Type		United Kingdom	L
Elan +2 'S' Type		Export	M
Elan +2 'S' Type Federal		Export	N
Europa Standard		United Kingdom	P
Europa Standard		Export	Q
Europa Federal		Export	R

Part Numbers

All Part Numbers commence with the Vehicle Type Number which enables one to determine if the part is peculiar to the Europa or whether it was first used for some other Lotus 'road' vehicle, thus:-

46,54,65,74 = First used on Europa

26,36,45,500 = First used on Elan

50 = First used on Elan +2

75 = First used on Europa Special Federal

Standard Hardware Part Numbers

All standard finish bolts, Screws, Studs, Nuts, and Washers carry either Part Numbers in accordance with the code given on Page 10 or fixing numbers as listed in the Replacement Parts Price List.

Commencing Chassis Number:

7109181000P - Domestic Europa (see breakdown on Page 4)

The designations 'LEFT' and 'RIGHT' are to be understood as seen in the driving direction.

Assembly and Sub-assembly piece parts are listed inset under the Assembly/Sub-assembly description and part numbers are given for obtainable piece parts. For easier identification, fixings (e.g. Bolts, Nuts, Pins, etc.) for replacement parts are also listed

inset under the parts description. These fixings are NOT supplied with the replacement part and must be ordered separately as required. The term 'optional' in the 'DESCRIPTION' column indicates that the respective parts will be supplied as requested or available. Where necessary, 'CHANGE POINTS', (i.e. CHASSIS, BODY or ENGINE Nos.) will be indicated in the 'CHANGE POINT' column. The applicability of parts to vehicle variants together with the total quantity fitted per Variant, is given in the Quantity columns under the appropriate heading, and, where applicable, by a star annotation in the steering position columns.

All parts do not necessarily correspond to the illustrations.

The following abbreviations are used in the parts list:

L/H - Left Hand	C/W - Complete with
R/H - Right Hand	B/V - Big Valve
Std. - Standard	O/S - Outsize
U/S - Undersize	G/Box - Gearbox

Instructions on Ordering

1. Ascertain the exact Vehicle Variant for which parts are required and obtain the chassis and engine numbers.
2. Refer to index and select Sections (s) for which Part (s) are required.
3. Study the illustration and select Plate Reference Number (s).
4. Relate the Plate Reference Number to the Plate Reference Number of the Parts List text.
5. Read across from the Plate Reference Number to the appropriate QUANTITY Column referring also to the STEERING Position Column.
6. Read the DESCRIPTION Column for correct order identification.
7. Check the CHANGE POINT Column for any additional information.
8. Re-check the part (s) number (s) selected, repeating instructions 3 to 7 inclusive.

Example

Part Required - Right Hand Radius Arm For a European market T/C Europa Special.
 Section - D
 Plate Ref. No. - DA1 (A)
 Vehicle Identification - Special L/H drive (B)
 Description - Arm Radius R/H (C)
 Part Number - A074 D 0216Z (D)

PLATE	PART NO.	QUANTITY					STEERING		DESCRIPTION	CHANGE POINT	BULLETIN
		ALL	T/C	T/C Fed.	Special	Spec. Fed.	LH	RH			
(DA1)	A074 D 0197Z		1	1			*	*	Arm. Radius, - L/H		
	A074 D 0217Z				1	1	*	*	Arm. Radius, - L/H		
	A074 D 0198Z		1	1			*	*	Arm. Radius, - R/H		
	<u>A074 D 0216Z</u>				(1)	1	(*)	(*)	<u>Arm. Radius, - R/H</u>		
DA2	X046 D 6000Z	2							Mounting. Resilient,		

PAINT, THINNERS ETC.

<u>Part No.</u>	<u>Code</u>	<u>Quantity</u>	<u>Description</u>
A036 B 6315V	LO1	AR	British Racing Green
A036 B 6316V	LO2	AR	French Blue
A036 B 6317V	LO3	AR	Wedgewood Blue
A036 B 6318V	LO4	AR	Cirrus White
A036 B 6319V	LO5	AR	Carnival Red
A036 B 6320V	LO6	AR	Burnt Sand
A036 B 6321V	LO7	AR	Lotus Yellow
A036 B 6312V	LO8	AR	Matt Black
A036 B 6322V	LO9	AR	Royal Blue
A036 B 6323V	LO10	AR	Bahama Yellow
A036 B 6356V	LO11	AR	Regency Red
A036 B 6357V	LO12	AR	Lagoon Blue
A036 B 6349V	LO13	AR	Pistachio Lime Green
A036 B 6350V	LO14	AR	Colorado Orange
A036 B 6397V	LO15	AR	Gloss Black
A036 B 6399V		AR	Tawny
A036 B 6345V		AR	Gold Lacquer - Elan 'Sprint' bumpers
A036 B 6313V		AR	Silver Lacquer - Elan bumpers
A036 B 6355V		AR	Silver +2 'S' roof
A036 B 6138V		AR	Thinner
A036 B 6139V		AR	Primer Surface '22'
A036 B 6140V		AR	Thinner (CTZ 110)
A036 B 6141V		AR	Thinner (CTZ 35)

<u>Part No.</u>	<u>Code</u>	<u>Quantity</u>	<u>Description</u>
A036 B 6142V		AR	Thinner with paint (oven dry)
A036 B 6143V		AR	Thinner with paint (air dry)
A036 B 6144V		AR	Thinner solvent cleaner
A036 B 6153V		AR	Ivory sealer
A036 B 6327V		AR	Cellulose Stopper - grey

STANDARD HARDWARE PART NUMBER CODING

1. Bolts, Screws and Studs

Hexagon	X	Single Letter
Round	R	
Mushroom	M	
Cheese	C	
Plain	P	
Flat Countersunk	K	
Raised Head Countersunk	D	
Stud	S	

Nuts

Self-locking	L	Single Letter
Plain	A	
Nyloc	Y	

Washers

Shakeproof	L	Single Letter
Plain	A	

2. Bolts, Screws and Nuts

U.N.F.	UF	Two Letters or digits
U.N.C.	UC	
Metric	MM	

Screws

Wood	WD	Two Letters or digits
Self-Tapping	ST	

Washers

Internal diameter in	Two digits
16ths .inch or millimetres	

3. Bolt	B	Single Letter
Screw	S	
Nut	N	
Washer	W	
Stud	T	

4. Bolts, Screws, Nuts and Studs

Diameter in 16ths .inch or millimetres	Two digits
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Plain Washers

Outside diameter in 16ths, inch or millimetres	Two digits
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Shakeproof Washers

All sizes	00 Two digits
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Self-Tapping Screw and Wood Screw

Number	Two digits
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5. Bolts and Screws

Length in 16ths .inch or millimetres	Two digits
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Nuts

Full	OF Two digits
Half	OH

Plain Washers

Thickness by .01 inch	Two digits
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Shakeproof Washers

All sizes	00 Two digits
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6. Studs

SUCC	UNC both ends	Four digits
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SUFF	UNF both ends	
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SUFC	UNF one end, UNC other end	
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SMMM	Metric	
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ALL CODES: All codes (Part Numbers) have eight letters/figures. Shank lengths, material specification and finish are all standard.

INDEX

Section

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B	BODY
C	FRONT SUSPENSION
D	REAR SUSPENSION
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K	COOLING SYSTEM
L	FUEL SYSTEM
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P	HEATING AND VENTILATION
Q	CLUTCH
S	EXHAUST SYSTEM
T	MISCELLANEOUS ITEMS