



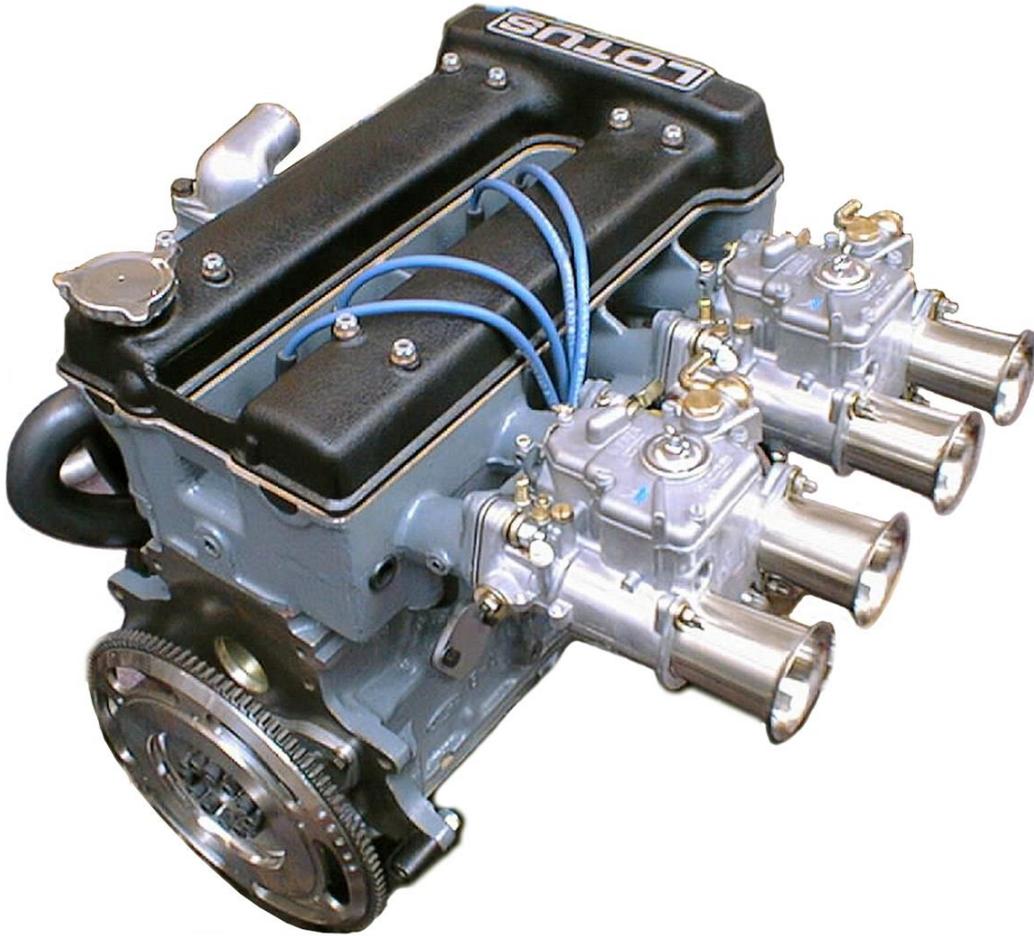
QED Motorsport Ltd

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Tel : +44 (0) 1509 412317 | Fax : +44 (0) 1509 416555

4 Soar Road, Quorn, Leicestershire, LE12 8BN, UK

Lotus-Ford Twin Cam



PRODUCT CATALOGUE

FEBRUARY 2018

- Worldwide parts dispatch via Royal Mail and DHL -
- All major credit and debit cards accepted -
- Orders received before 2pm are processed same day, subject to availability -

All prices shown are in pounds sterling.

UK and EC customers who are not VAT registered must add 20% VAT

Our price list is frequently updated but please check the website for current pricing



Our range of products has been developed for professional use in motorsport applications. It is expected that anyone using our products will have experience of working on engines and will follow normal engine workshop practice. It is the responsibility of the fitter to ensure that all components are sized, assembled, and fastened correctly to perform without future failure. We accept no responsibility for damage caused either to or by our products as a result of incorrect or inappropriate assembly or fitment.

We accept payment by cash, cheque, direct bank credit transfer (details available by request), credit card (Access or Visa), or by debit card (Switch/Solo). Cheques should be made payable to 'QED MotorSport Ltd'. For credit card transactions we will require the cardholder's name and address, the card type, card number, expiry date, and start or issue date if applicable. Goods will only be dispatched to the cardholder's address except by prior arrangement and solely at our discretion.

All goods remain the sole property of QED MotorSport Ltd until full and complete payment has been made.

All of the prices herein are quoted in pounds sterling and do not include VAT. Customers within the UK will be charged VAT at the prevailing UK rate. Customers outside of the UK but within the EEC will be charged VAT at the prevailing UK rate unless the customer provides a valid VAT registration number and accepts liability for the VAT payment. Customers from outside of the EEC will not be charged VAT.

A charge will be made for packaging and delivery. Unless specifically requested choice of courier will be at our discretion.

If goods that we have supplied are no longer required and are returned to us within 14 days of receipt in an unused, undamaged condition, we will refund the value of the goods less a 10% handling charge. If an order is cancelled subsequent to its dispatch the same handling charge will apply.

Due to the varied nature of the applications for our products customers may wish to carry out mechanical modifications. If the product is permanently altered by any such procedure then QED will be unable to refund based on full price in the unlikely event that the product is later returned.

Any other notes included herein are suggested guidelines only; if you are in any doubt about any aspect of your engine work then please consult a professional workshop.

Lotus Twin Cam Components Listing

Camshafts and Followers			
Q360 camshaft, various types			
Steel	101001	(each)	
Steel (Europa)	101002	(each)	£335.00
Chilled Cast	101017	(each)	£230.00
Re-profiled	101024	(each)	£85.00
Re-profiled (Europa)	101025	(each)	£85.00
Q420 camshaft, various types			
Steel	101007	(each)	£335.00
Steel (Europa)	101008	(each)	£335.00
Chilled Cast	101018	(each)	£230.00
Re-profiled	101026	(each)	£85.00
Re-profiled (Europa)	101027	(each)	£85.00
Q450 camshaft, various types			
Steel	101009	(each)	£335.00
Steel (Europa)	101010	(each)	£335.00
Chilled Cast	101019	(each)	£230.00
Q440 camshaft, steel, standard/Europa			
Steel	101011	(each)	£335.00
Steel (Europa)	101012	(each)	£335.00
Q460 camshaft, steel, standard/Europa			
Standard	101013	(each)	£325.00
Europa	101014	(each)	£325.00
Q46V camshaft, steel, standard/Europa			
Standard	101015	(each)	£335.00
Europa	101016	(each)	£335.00
Standard camshaft, chilled cast	101020	(each)	£230.00
SE camshaft, chilled cast	101021	(each)	£230.00
Sprint camshaft, re-profiled, standard/Europa			
Standard	101028	(each)	£85.00
Europa	101029	(each)	£85.00
Camshaft dowel, straight	101040	(each)	£4.00
Camshaft dowel, various offsets			
Offset, 1° - 9° (part no. by offset, eg 2° offset - 101042)		(from)	£7.00
Cam bore plug, fits standard/Europa camshafts			
Fits standard camshaft	101050	(each)	£0.50
Fits Europa camshaft	101050A	(each)	£0.75
Cam follower, steel, standard/thin pad			
Standard (0.218")	101054	(each)	£15.25
Thin (0.160")	101055	(each)	£17.50
Cam follower sleeve, standard/0.005"			
Standard	101058	(each)	£15.00
+0.005"	101059	(each)	£22.50
Valve Shim, various sizes			
0.060" to 0.220" (part no. by size, eg 0.121" shim - 101121)		(from)	£1.86
Top Hat Shim, various sizes			
0.075"	101239E	(each)	£2.50
0.080"	101240	(each)	£2.50
0.085"	101240E	(each)	£2.50
0.090"	101241	(each)	£2.50
0.100"	101242	(each)	£2.50
0.110"	101243	(each)	£2.50
0.120"	101244	(each)	£2.50
0.130"	101245	(each)	£2.50
0.140"	101246	(each)	£2.50
0.150"	101247	(each)	£2.50
0.160"	101248	(each)	£2.50
0.180"	101250	(each)	£2.50
0.200"	101252	(each)	£2.50
0.220"	101254	(each)	£2.50
Circlip, Europa camshaft	101301	(each)	£3.50
Sprint camshaft, chilled cast	101022	(each)	£230.00

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Valve Train			
Valve, inlet, various types			
Standard	102001	(each)	£15.50
Sprint	102003	(each)	£15.50
Sprint (long stem)	102005	(each)	£16.00
1.625"	102007	(each)	£18.00
1.625" (race length)	102006	(each)	£16.50
1.625" (short collet groove)	102008	(each)	£17.00
Valve, exhaust, various types			
Standard	102010	(each)	£15.50
Standard (long stem)	102012	(each)	£16.50
1.4"	102014	(each)	£18.50
1.4" (race length)	102013	(each)	£16.50
1.4" (short collet groove)	102015	(each)	£19.00
1.375"	102016	(each)	£18.50
Valve guide, inlet/exhaust, colsibro, various sizes			
Inlet, Standard	102020	(each)	£6.50
Exhaust, Standard	102030	(each)	£6.50
Inlet, +0.001"	102021	(each)	£7.00
Exhaust, +0.001"	102031	(each)	£7.00
Inlet, +0.002"	102022	(each)	£7.00
Exhaust, +0.002"	102032	(each)	£7.00
Inlet, +0.005"	102023	(each)	£7.00
Exhaust, +0.005"	102033	(each)	£7.00
Inlet, +0.015"	102024	(each)	£7.00
Exhaust, +0.015"	102034	(each)	£7.00
Inlet, +0.030"	102025	(each)	£7.00
Exhaust, +0.030"	102035	(each)	£7.00
Valve guide, inlet, iron, standard	102037	(each)	£3.50
Circlip, valve guide	102039	(each)	£0.50
Valve springs, various types			
Standard	102040	(set)	£31.50
Blueprinted	102041	(set)	£34.00
Q55 (require Q55 retainers)	102042	(set)	£45.00
Race (require race retainers)	102043	(set)	£75.00
Race Hard (require race retainers)	102044	(set)	£90.00
Valve spring platform, various types			
Standard	102045	(each)	£1.75
Race	102046	(each)	£1.75
0.030"	102047	(each)	£4.50
0.060"	102048	(each)	£4.50
Valve spring shim, various sizes			
0.010"	102050	(each)	£0.75
0.020"	102051	(each)	£0.75
0.043"	102052	(each)	£0.75
Valve spring retainer, various types			
For standard/blueprinted springs (original/new collets)	102060	(each)	£6.00
For standard/blueprinted springs (black collets)	102060B	(each)	£6.00
For Q55 springs (original/new collets)	102061	(each)	£6.00
For Q55 springs (black collets)	102061B	(each)	£6.00
For race springs (race collets)	102062	(each)	£6.00
Valve collets, standard/race			
Standard	102065	(pair)	£4.50
Race	102066	(pair)	£4.00
Race spring pack with matching retainers, collets and platforms	102069	(set)	£155.00
Seat insert, inlet, standard/sprint valves, various sizes			
Standard, Standard	102100	(each)	£10.00
Sprint, Standard	102200	(each)	£10.00
Standard, +0.005"	102105	(each)	£12.50
Sprint, +0.005"	102205	(each)	£12.50
Standard, +0.010"	102110	(each)	£12.50
Sprint, +0.010"	102210	(each)	£12.50
Standard, +0.015"	102115	(each)	£12.50
Sprint, +0.015"	102215	(each)	£12.50
Standard, +0.020"	102120	(each)	£12.50
Sprint, +0.020"	102220	(each)	£12.50
Seat insert, inlet, for 1.625" valves	102400	(each)	£13.00
Seat insert, inlet, for 1.625" valves, large OD, bronze	102401	(each)	£16.00
Seat insert, exhaust, for standard valves, various sizes			
Standard	102300	(each)	£10.00
+0.005"	102305	(each)	£12.50
+0.010"	102310	(each)	£12.50
+0.015"	102315	(each)	£12.50

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+0.020"	102320	(each)	£12.50
Seat insert, exhaust, for 1.4" valves	102402	(each)	£13.00

Cylinder Head Components			
Cam cover, BRM, wet sump	103022	(each)	£255.00
Cam cover, BRM, dry sump	103023	(each)	£230.00
Cam cover nut	103025	(each)	£0.15
Cam cover copper washer	103027	(each)	£0.15
Oil filler cap	103028	(each)	£8.50
Oil filler cap seal	103029	(each)	£2.50
Cam cap stud, short	103040	(each)	£2.00
Cam cap stud, long	103041	(each)	£2.50
Cam cap	103042	(each)	£12.50
Cam cap dowel	103043	(each)	£2.00
Cam cap/inlet stud nut	103044	(each)	£0.15
Cam cap washer	103045	(each)	£0.05
Cam bearings, ACL	103050	(set)	£70.00
Cylinder head bolt, QED	103061	(each)	£12.00
Head bolt washer, plain	103063	(each)	£1.60
Head bolt washer, grooved	103064	(each)	£2.00
Exhaust manifold stud	103066	(each)	£1.00
Exhaust manifold nut	103067	(each)	£0.75
Head to front cover bolts	103070	(set of 3)	£9.00
Head bung, brass	103080	(each)	£4.50
Head core plug, small (0.750")	103085	(each)	£0.75
Head core plug, large (1.000")	103086	(each)	£1.00
Temp sensor housing union	103091	(each)	£14.50
Cam cover, lotus on both sides	103020	piece	£225.00
Cylinder Head, small/large port			
Standard port, Standard (Elan/Escort), Bare (no seats or guides)	103001	(each)	£2,275.00
Large port, Standard (Elan/Escort), Bare (no seats or guides)	103010	(each)	£2,275.00
Standard port, Europa, Bare (no seats or guides)	103001	(each)	£75.00
Large port, Europa, Bare (no seats or guides)	103010	(each)	£75.00
Standard port, Standard (Elan/Escort), Standard seats and guides fitted	103001	(each)	£325.00
Large port, Standard (Elan/Escort), Standard seats and guides fitted	103010	(each)	£325.00
Standard port, Europa, Standard seats and guides fitted	103001	(each)	£75.00
Large port, Europa, Standard seats and guides fitted	103010	(each)	£75.00
Standard port, Standard (Elan/Escort), Sprint seats and guides fitted	103001	(each)	£325.00
Large port, Standard (Elan/Escort), Sprint seats and guides fitted	103010	(each)	£325.00
Standard port, Europa, Sprint seats and guides fitted	103001	(each)	£75.00
Large port, Europa, Sprint seats and guides fitted	103010	(each)	£75.00
Standard port, Standard (Elan/Escort), Race seats and guides fitted	103001	(each)	£350.00
Large port, Standard (Elan/Escort), Race seats and guides fitted	103010	(each)	£350.00
Standard port, Europa, Race seats and guides fitted	103001	(each)	£75.00
Large port, Europa, Race seats and guides fitted	103010	(each)	£75.00
Thermostat Housing	103090	(each)	£32.85
ARP Head Stud & Nut Set	103060	(each)	£160.00
Exhaust manifold nut, 3/4" long	103068	(each)	£1.25

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Cylinder Block Components			
Main cap bolt, square/round cap			
Square Main Cap	104001	(each)	£2.00
Round Main Cap	104002	(each)	£2.00
Steel main caps, square/round			
Square	104003	(set)	£90.00
Round	104006	(set)	£125.00
Main bearings, various sizes			
Standard	104010	(set)	£62.50
+0.010"	104011	(set)	£65.00
+0.020"	104012	(set)	£65.00
+0.030"	104013	(set)	£65.00
Main bearings, line bored block, various sizes			
Standard / +0.015"	104015	(set)	£90.00
+0.010" / +0.015"	104016	(set)	£90.00
+0.020" / +0.015"	104017	(set)	£90.00
+0.030" / +0.015"	104018	(set)	£90.00
Thrust washer, various sizes			
Standard	104020	(each)	£5.25
0.005	104023	(each)	£14.95
Block oil way bung, 1/4"	104050	(each)	£0.75
Block core plug, small (1.625")	104054	(each)	£0.95
Block core plug, large (2.000")	104056	(each)	£1.20
Block to gearbox dowel	104060	(each)	£3.00
Cylinder liners, flanged	104070	(each)	£79.90
Cylinder liners, thick walled	104071	(each)	£44.50
Jackshaft, iron, standard	104080	(each)	£87.50
Jackshaft, iron, short	104081	(each)	£87.50
Jackshaft thrust plate, standard	104085	(each)	£26.50
Jackshaft thrust plate, steel	104086	(each)	£27.00
Jackshaft dowel	104087	(each)	£5.00
Jackshaft bearings	104088	(set)	£36.00
Jackshaft spacer	104089	(each)	£14.25
Jackshaft sprocket locktab	104090	(each)	£2.00
Jackshaft thrust plate locktab	104091	(each)	£1.50
681F 'L' Cylinder Block			
Iron, Up to 87.2mm bore (wet sump), Lotus Twin Cam cylinder head	104100	(each)	£3,300.00
Aluminium, Up to 87.2mm bore (wet sump), Lotus Twin Cam cylinder head	104100A	(each)	£3,300.00
Iron, Up to 90mm bore (dry sump), Lotus Twin Cam cylinder head	104100	(each)	£3,300.00
Aluminium, Up to 90mm bore (dry sump), Lotus Twin Cam cylinder head	104100A	(each)	£3,300.00
Iron, Up to 87.2mm bore (wet sump), FVC cylinder head	104100	(each)	£3,300.00
Aluminium, Up to 87.2mm bore (wet sump), FVC cylinder head	104100A	(each)	£3,300.00
Iron, Up to 90mm bore (dry sump), FVC cylinder head	104100	(each)	£3,300.00
Aluminium, Up to 90mm bore (dry sump), FVC cylinder head	104100A	(each)	£3,300.00
Main bearing, various sizes, Mahle Motorsport			
Std	104010M	(set)	£114.00
+0.010"	104011M	(set)	£114.00
+0.020"	104012M	(set)	£114.00
Main bearings, line bored block, STD/0.015", Mahle Motorsport	104015M	(set)	£147.50
Mk2 Rear Oil Seal Housing	104062	(each)	£55.00
701M 'L' Ford Cylinder Block	104150	(each)	£1,495.00

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Pistons			
Forged pistons, QED standard type, various sizes			
Standard	105001	(each)	£90.00
+0.020"	105002	(each)	£90.00
+0.030"	105003	(each)	£90.00
+0.040"	105004	(each)	£90.00
+0.060"	105005	(each)	£90.00
Piston gudgeon pin circlip, QED	105007	(each)	£0.50
Piston gudgeon pin, QED	105008	(each)	£12.00
Piston rings, QED, various sizes			
Standard	105040	(engine set)	£82.50
+0.020"	105045	(engine set)	£82.50
+0.030"	105050	(engine set)	£82.50
+0.040"	105055	(engine set)	£82.50
+0.060"	105060	(engine set)	£82.50
Piston rings, Deves, wide top ring, various sizes			
Standard	105043	(engine set)	£50.00
+0.020"	105047	(engine set)	£50.00
Piston rings, Deves, various sizes			
Standard	105042	(engine set)	£50.00
+0.020"	105046	(engine set)	£50.00
+0.030"	105051	(engine set)	£50.00
+0.040"	105056	(engine set)	£50.00
+0.060"	105061	(engine set)	£50.00
Piston rings, 81mm (Crossflow), Deves	105065	(engine set)	£40.00
Piston rings, 83.5mm, Deves	105066	(engine set)	£40.00
Forged pistons, Omega high compression, various sizes			
83.5mm	105020	(each)	£105.00
83.65mm	105021	(each)	£105.00
85mm	105022	(each)	£105.00
85.5mm	105023	(each)	£105.00
86.5mm	105025	(each)	£105.00
87mm	105026	(each)	£105.00
Piston gudgeon pin, Omega	105030	(set)	£23.80
Piston gudgeon pin circlip, Omega	105031	(each)	£1.75
Piston rings, Omega, various sizes			
83.5mm	105100	(piston set)	£22.50
83.65mm	105101	(piston set)	£22.50
85mm	105103	(piston set)	£22.50
85.5mm	105104	(piston set)	£22.50
86.5mm	105106	(piston set)	£22.50
87mm	105108	(piston set)	£22.50
Piston rings, Accralite, various sizes			
83.5mm	105100A	(piston set)	£22.50
83.65mm	105101A	(piston set)	£22.50

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Crankshafts and Con Rods			
Steel crankshaft, standard pattern, EN19, 12B/4B4D/6BDD			
6BDD	106001	(each)	£925.00
4B4D (FIA)	106002	(each)	£925.00
12B	106003	(each)	£925.00
Steel crankshaft, twin counterweighted, wide pin, 6BDD/12B, EN40B, various strokes			
72.75mm - 6BDD	106004	(each)	£1,300.00
72.75mm - 12B	106006	(each)	£1,300.00
77.6mm - 6BDD	106010	(each)	£1,300.00
77.6mm - 12B	106012	(each)	£1,300.00
Steel crankshaft, twin counterweighted, narrow pin, 6BDD, EN40B, various strokes			
72.75mm	106005	(each)	£1,200.00
77.6mm	106011	(each)	£1,200.00
Steel crankshaft, twin counterweighted, narrow pin, 12B, EN40B, various strokes			
72.75mm	106007	(each)	£1,200.00
77.6mm	106013	(each)	£1,200.00
80.8mm	106016	(each)	£1,200.00
82mm	106018	(each)	£1,200.00
Flywheel to crank dowel	106021	(each)	£3.50
Crank pulley, standard, steel	106022	(each)	£36.50
Crank pulley, small, steel, for race applications	106023	(each)	£39.00
Crank pulley bolt	106024	(each)	£0.75
Crank pulley washer	106025	(each)	£2.25
Crank oil slinger	106026	(each)	£7.50
Con rods, forged steel, wide/narrow pin, various sizes			
4.8" - Wide Pin	106030	(set)	£595.00
4.8" - Narrow Pin	106031	(set)	£595.00
4.826" - Wide Pin	106032	(set)	£595.00
4.826" - Narrow Pin	106033	(set)	£595.00
4.9" - Wide Pin	106034	(set)	£595.00
4.9" - Narrow Pin	106035	(set)	£595.00
4.926" - Wide Pin	106036	(set)	£595.00
4.926" - Narrow Pin	106037	(set)	£595.00
5.050" - Wide Pin	106038	(set)	£595.00
5.050" - Narrow Pin	106039	(set)	£595.00
Con rod small end bushes	106045	(set)	£28.50
Con rod bolt, X quality, for standard rods	106050	(each)	£5.50
Con rod bolt, for steel rods	106051	(each)	£10.25
Con rod bolt, ARP, MK1 (125E) rods	106052	(each)	£10.25
End bearings, standard pin, various sizes			
Standard	106060	(set)	£40.00
+0.010"	106063	(set)	£40.00
+0.020"	106065	(set)	£40.00
+0.030"	106067	(set)	£40.00
End bearings, narrow pin, various sizes			
Standard	106062	(set)	£50.00
+0.010"	106064	(set)	£52.50
+0.030"	106066	(set)	£52.50
+0.030"	106068	(set)	£52.50
Spigot bearing, Europa	106081	(each)	£27.00
Spigot bearing, 6 bolt crank	106080	(each)	£6.00
End bearing, various sizes, wide/narrow pin, Mahle Motorsport			
Std	106060M	(set)	£99.50
Std (Narrow Pin)	106062M	(set)	£103.50
+0.010"	106063M	(set)	£99.50
+0.010" (Narrow Pin)	106064M	(set)	£103.50
+0.020"	106065M	(set)	£99.50
Spigot bearing, 4-bolt crank	106082	(each)	£29.00
Steel crankshaft, 77.6mm stroke, EN19, 6B, WP			
6BDD	106001	(each)	£925.00
4B4D (FIA)	106002	(each)	£925.00
12B	106003	(each)	£925.00

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Flywheels and Clutch			
Steel flywheel, standard pattern, 4B1D/4B4D/6B2D/12B			
6 Bolt 2 Dowel	107001	(each)	£135.00
12 Bolt	107002	(each)	£135.00
4 Bolt 1 Dowel	107003	(each)	£135.00
4 Bolt 4 Dowel	107004	(each)	£135.00
Steel flywheel, ultralight, 12B/6BDD			
6BDD	107005	(each)	£145.00
12B	107006	(each)	£145.00
Steel flywheel, for Hewland transmissions, 12B/6BDD			
6BDD	107007	(each)	£155.00
12B	107008	(each)	£155.00
Steel flywheel, toothed for crank speed sensor			
	107010	(each)	£165.00
Ring gear, various types			
Standard	107020	(each)	£51.00
Large OD	107021	(each)	£51.00
Hewland	107022	(each)	£55.00
MAE	107023	(each)	£0.00
Flywheel bolt, standard			
	107030	(each)	£1.75
Flywheel bolt, race, ARP			
	107031	(each)	£7.00
Flywheel to clutch dowel			
	107032	(each)	£2.50
Clutch plate, 4 speed, standard, Helix			
	108001	(each)	£66.13
Clutch plate, 4 speed, heavy duty/competition, organic, Helix			
	108003	(each)	£96.26
Clutch plate, 5 speed, standard, Helix			
	108005	(each)	£66.13
Clutch plate, 5 speed, heavy duty/competition, organic, Helix			
	108007	(each)	£106.11
Clutch plate, Europa, heavy duty/competition, organic, Helix			
	108011	(each)	£96.26
Sintered clutch plate, for 7.25" (184mm) twin plate assembly			
7/8" x 20 spline	108015	(each)	£72.73
1" x 23 spline	108016	(each)	£72.73
Europa	108017	(each)	£72.73
Clutch cover, 4 speed, standard, Helix			
	108020	(each)	£146.41
Clutch cover, 4 speed, heavy duty/competition, Helix			
	108021	(each)	£189.68
Clutch cover, 5 speed, heavy duty/competition, Helix			
	108026	(each)	£154.18
Clutch cover, 5 speed, standard, Helix			
	108025	(each)	£129.89
Twin plate clutch assembly, 7 1/4" (184mm)			
For sintered plates	108030	(each)	£401.82
For cerametallic plates	108030a	(each)	£485.16
Single plate assembly, 7 1/4" (184mm), lug drive, Helix			
For sintered plates	108032	(each)	£313.50
For cerametallic plates	108032a	(each)	£330.00
Release bearing, 4 speed			
	108050	(each)	£32.50
Carrier (release bearing 4sp)			
	108052	(each)	£34.50
Link release bearing to fork			
	108054	(each)	£17.50
Clutch release clip (pigtail)			
	108056	(each)	£3.25
Spring, clutch release fork			
	108058	(each)	£4.75
Clutch return spring			
	108059	(each)	£5.50
Twin plate clutch assembly release bearing hub			
	108060	(each)	£45.00
Clutch slave cylinder			
	108062	(each)	£57.50
Clutch slave cylinder repair kit			
	108063	(each)	£7.95

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Lotus Twin Cam Components Listing

Timing Case			
Cam sprocket, steel	109001	(each)	£28.50
Cam Sprocket, vernier (alloy centre)	109002	(pair)	£120.00
Cam sprocket bolt	109005	(each)	£2.50
Cam sprocket retaining plate	109006	(each)	£5.00
Cam sprocket washer	109007	(each)	£0.15
Crank sprocket	109010	(each)	£25.00
Crank sprocket key	109011	(each)	£4.95
Idler sprocket	109015	(each)	£21.00
Idler sprocket pin	109016	(each)	£15.00
Quadrant	109017	(each)	£35.25
Pivot pin	109018	(each)	£11.50
Pivot pin seal	109019	(each)	£0.80
Timing chain, standard	109022	(each)	£22.50
Timing chain damper pad	109025	(each)	£22.50
Timing chain damper pad screws	109026	(each)	£0.25
Tensioner plunger, standard	109040	(each)	£8.50
Tensioner spring	109042	(each)	£1.50
Tensioner screw	109043	(each)	£2.95
Tensioner washer	109044	(each)	£1.50
Tensioner housing nut	109045	(each)	£6.50
Tensioner housing nut seal	109046	(each)	£0.80
Tensioner kit	109047	(each)	£22.50
Front cover to block bolts, dynamo	109048	(set)	£6.00
Front cover to block bolts, alternator	109048A	(set)	£6.00
Front cover back plate	109049	(each)	£88.00
Water pump kit, QED	109055	(each)	£35.00
Water pump O ring carrier	109064	(each)	£17.00
Water pump O ring	109065	(each)	£0.50
Dipstick tube (for front cover)	109067	(each)	£4.50
Water pump pulley, alloy	109070	(each)	£39.00
Water pump pulley spacer	109072	(each)	£7.50
Water pump pulley flange	109073	(each)	£15.00
Water pump pulley, 34 teeth Flanged	109075	(each)	£49.50
Water pump pulley, 44 teeth	109077	(each)	£52.50
Water pump pulley, bore spacer	109078	(each)	£8.25
Crank pulley, 30 teeth	109079	(each)	£59.50
Toothed belt, 170	109080	(each)	£9.20
Toothed belt, 180	109081	(each)	£9.20
Toothed belt, 190	109082	(each)	£9.20
Water pump poly V kit	109085	(each)	£165.00
Poly V belt	109086	(each)	£25.00
Front cover, bare, Elan/Europa			
Elan	109051	(each)	£245.00
Europa	109053	(each)	£245.00
Timing Disc	109004	(each)	£6.00
Dipstick	109068	(each)	£32.50

Tall Block			
Head to front cover bolts, tall block	103071	(set of 3)	£9.50
Breather tube spacer	104058	(each)	£8.00
Timing chain, 122 link	109024	(each)	£23.50
Tensioner plunger, long	109041	(each)	£10.00
Front cover spacer, tall block	109054	(each)	£29.50

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Oil Pumps, Dry Sumping and Oil Cooling			
Oil filter, standard, not OE	110001	(each)	£4.50
Oil filter, standard, OE	110002	(each)	£11.08
Oil filter, long	110004	(each)	£8.50
Oil filter paper element	110006	(each)	£7.50
Oil pump, standard	110008	(each)	£37.00
Oil pump overhaul kit, for standard pump	110008A	(each)	£15.00
Oil pump gear, tufrided	110011	(each)	£50.50
Oil pump gear, brass	110012	(each)	£28.00
Dry sump oil pump, 5 port	110013	(each)	£294.00
Dry sump oil pump, 5 port, to take tach box	110014	(each)	£294.00
Oil pump overhaul kit, for 5 port pump	110015	(each)	£140.00
Dry sump pan cast alloy	110024a	(each)	£356.00
Dry sump pan bung and filter	110025	(each)	£15.98
Dry sump scavenge pipe, 7/8-14 UNF	110026	(each)	£40.10
Wet sump pan bung, Mk II	110028	(each)	£6.50
Wet sump bung seal	110029	(each)	£0.50
Oil pick up pipe, Mk II	110030	(each)	£49.50
Oil return pipe	110032	(each)	£4.50
Dry sump oil tank, small push on unions	110040	(each)	£168.00
Oil cooler, 10/13/19 row			
10 Row	110050	(each)	£63.50
13 Row	110051	(each)	£79.50
19 Row	110052	(each)	£100.00
Remote filter head, left to right/right to left			
Left to Right	110060	(each)	£32.50
Right to Left	110061	(each)	£32.50
Sandwich plate	110065	(each)	£29.50
Sandwich plate, with thermostat	110066	(each)	£47.50
Oil cooler, in line thermostat	110068	(each)	£14.75
Mushroom blanking plate	110070	(each)	£25.75
Oil hose, various sizes			
1/2"	110080	(metre)	£6.50
5/8"	110081	(metre)	£7.75
3/4"	110082	(metre)	£8.95
Oetiker clip			
1/2"	110090	(each)	£0.60
5/8"	110091	(each)	£0.70
3/4"	110092	(each)	£0.60
Adapter, alloy, various sizes			
1/2" x 1/2"	110101	(each)	£9.00
1/2" x 5/8"	110103	(each)	£5.50
Adapter, steel, various sizes			
1/2" x 1/2"	110100	(each)	£1.40
1/2" x 5/8"	110102	(each)	£1.90
Adapter, 1/8" BSP x 1/8" NPTF, oil pressure gauge	110110	(each)	£2.00
Dowty washer			
1/2"	110115	(each)	£0.50
5/8"	110116	(each)	£0.50
Connector, 1/2", various types			
Straight	110120	(each)	£3.85
45° A, A½	110121	(each)	£3.80
90° A, A½	110122	(each)	£4.40
180° A, A½	110123	(each)	£4.95
Connector, 5/8", various types			
Straight	110130	(each)	£2.00
45°	110131	(each)	£4.85
90°	110132	(each)	£6.90
180°	110133	(each)	£6.90
Oil pressure switch, 20/35 PSI			
20 PSI	110140	(each)	£16.75
35 PSI	110142	(each)	£16.75
Oil Pump, High Pressure	110009	(each)	£42.50
Scavenge Rotor, 5 Port Pump	110017	(each)	£36.30
PRV Seat, 5 Port Pump	110019	(each)	£17.00
Oil pick up pipe gauze, Mk2	110031	(each)	£35.50

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Gaskets			
Head gasket set, no head gasket	111005	(set)	£17.50
Head gasket, various types			
Up To +0.020" bore (0.035") - Copper	111006	(each)	£20.00
84mm (0.052") - Composite	111007	(each)	£40.00
87.5mm (0.051") - Composite	111009	(each)	£45.00
84mm (0.040") - Steel	111008	(each)	£89.00
84mm (0.051") - Steel	111008A	(each)	£90.00
84mm (0.060") - Steel	111008B	(each)	£95.00
85mm (0.040") - Steel	111008C	(each)	£89.00
86mm (0.040") - Steel	111008D	(each)	£89.00
Bottom gasket set, MKI/MKII			
MK1	111011	(set)	£20.00
MK2	111010	(set)	£19.50
Sump gasket set, Mk II	111015	(set)	£9.00
Cam cover gasket	111020	(each)	£7.00
Seloc washer, cam cover	111021	(each)	£0.80
Half moon plug	111022	(each)	£2.00
Breather tube	111023	(each)	£9.00
Exhaust manifold gasket, standard/large bore			
Standard	111025	(each)	£1.50
Large Bore	111026	(each)	£1.75
Front cover to head gasket	111029	(each)	£2.00
Front cover to block gasket	111030	(each)	£1.50
Oil pump gasket	111031	(each)	£0.75
Fuel pump gasket and spacer	111032	(each)	£2.00
Thermostat gasket	111033	(each)	£0.75
Front crank oil seal	111035	(each)	£2.50
Rear crank oil seal	111036	(each)	£4.00
Europa inlet cam seal	111042	(each)	£3.00
Straight grommet, head to airbox	111045	(each)	£4.00
Angle grommet, head to catch tank	111046	(each)	£8.10
Wellseal	111050	(each)	£8.00
Silicone sealer	111051	(each)	£4.50
Distributor shaft o ring	111048	(each)	£0.25

Ancillaries			
Thermostat, 74Å°/82Å°/88Å°			
74Å°	112001	(each)	£4.75
82Å°	112002	(each)	£4.75
88Å°	112003	(each)	£4.75
Heater hose connector, straight/angled			
Straight	112005	(each)	£12.50
Angled	112006	(each)	£31.90
Water temp sender unit	112007	(each)	£8.75
Elan/Eurpoa heater control valve	112008	(each)	£34.88
Starter motor, standard	112010	(each)	£88.00
Tacho gearbox, brown/black			
Brown (reversing)	112080	(each)	£174.25
Black (non-reversing)	112081	(each)	£174.25
Tach gearbox key	112082	(each)	£24.50
Engine mount, carb side/exhaust side, standard/heavy duty			
Carb Side, Standard	112090	(each)	£16.40
Exhaust Side, Standard	112091	(each)	£16.40
Carb Side, Heavy Duty	112090H	(each)	£25.00
Exhaust Side, Heavy Duty	112091H	(each)	£25.00
Top hose, Elan	112095	(each)	£17.50
Bottom hose, Elan	112096	(each)	£18.50
Europa alternator belt	112100	(each)	£6.25
Elan dynamo belt	112101	(each)	£4.25
Elan alternator belt	112102	(each)	£8.50
Europa water pump belt	112103	(each)	£11.50
Non Return Valve	112098	(each)	£47.50

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Lotus Twin Cam Components Listing

Ignition			
23D Distributor cap, side entry	113001	(each)	£20.50
23D distributor cap and leads, Magnecor, 7mm	113002	(each)	£60.50
23D Distributor cap and leads, Magnecor, 8.5mm	113004	(each)	£78.50
23D Distributor rotor arm	113008	(each)	£3.00
23D Distributor points	113009	(each)	£3.50
23D Distributor condenser	113010	(each)	£3.25
Distributor clamp	113011	(each)	£9.50
Distributor clamp, alloy, for cracked distributor casing	113012	(each)	£28.50
Distributor gear, bronze	113017	(each)	£38.00
Distributor gear roll pin	113018	(each)	£0.75
43D Distributor, new	113020	(each)	£150.00
43D Distributor lead set, Magencor, 7mm	113022A	(each)	£45.00
43D Distributor lead set, Magnecor, 8.5mm	113022	(each)	£59.50
43D Distributor rotor arm	113023	(each)	£3.00
43D Distributor cap	113024	(each)	£16.50
43D Distributor points	113025	(each)	£3.50
43D Distributor condenser	113026	(each)	£3.70
Spark plug, NGK, various types			
BP5ES	113030	(each)	£2.50
BP6ES	113031	(each)	£2.50
BPR6ES	113032	(each)	£2.50
BP6EVX	113034	(each)	£7.00
BP7ES	113035	(each)	£2.50
BPR7ES	113036	(each)	£2.95
BP7EVX	113038	(each)	£7.00
BP8EVX	113040	(each)	£7.00
BP10EVX	113044	(each)	£7.00
Ignitor, 23D/43D			
23D (screw on leads)	113060	(each)	£92.50
43D (push on leads)	113061	(each)	£92.50
23D positive earth	113060P	(each)	£115.00
High energy ignition coil	113070	(each)	£27.50
Distributor gear, tuftrided	113016	(each)	£50.20

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Dellorto Carburettors			
Trumpet, 40mm, various lengths			
15mm	115011	(each)	£14.50
43mm	115010	(each)	£14.50
Trumpet nut and bolt set		115029	(set) £4.00
Banjo bolt		115030	(each) £9.95
Banjo union, single/double			
Single	115031	(each)	£12.95
Double	115032	(each)	£13.95
Banjo union filter		115034	(each) £2.95
Banjo washer, inner/outer			
Inner	115035	(each)	£1.00
Outer	115036	(each)	£1.00
Top cover screw		115038	(each) £0.75
Mixture screw, DHLA(E)		115040A	(each) £4.95
Idle screw		115041	(each) £1.95
Spindle spring, standard/heavy duty			
Standard	115045	(each)	£1.95
Heavy Duty	115045A	(each)	£2.45
Linkage return spring		115046	(each) £3.00
Jet cover		115048	(each) £9.95
Jet cover gasket		115049	(each) £0.75
Overhaul kit, for a pair of 40/45mm turbo/non-turbo carbs			
40mm	115050	(each)	£59.95
45mm	115050A	(each)	£59.95
45mm Turbo	115050C	(each)	£79.95
Gasket set, for two carbs		115051	(set) £18.95
Float chamber gasket		115053	(each) £1.95
Float chamber gasket, turbo		115053A	(each) £6.95
Front lever		115055	(each) £11.98
Rear lever		115056	(each) £11.98
Pump diaphragm		115058	(each) £11.60
Float valve, various sizes			
150	115060	(each)	£11.50
170	115061	(each)	£11.50
200	115062	(each)	£11.50
225	115063	(each)	£11.50
Float		115068	(each) £26.00
Choke, 40/45mm, various sizes			
40mm x 30mm - 40 x 35 (order by size, eg Choke, 40mm x 32mm – 115072)			
45mm x 33mm - 45 x 39 (order by size, eg Choke, 45mm x 36mm – 115086)		(from)	£13.60
Venturi, 40/45mm, .1 to .4			
.1 (40mm)	115091	(each)	£31.40
.2 (40mm)	115092	(each)	£31.40
.3 (40mm)	115093	(each)	£31.40
.4 (40mm)	115094	(each)	£31.40
.1 (45mm)	115096	(each)	£31.00
.2 (45mm)	115097	(each)	£31.00
.3 (45mm)	115098	(each)	£31.00
.4 (45mm)	115099	(each)	£31.00
Main jet, various sizes			
100, 115, 118, 120, 122, 130, 132, 135, 138, 142, 145, 150, 151, 152, 158, 160, 165, 168, 170, 172, 175, 180, 195, 205, 215, 220, 225, 235		(from)	£4.20
(order by size, eg main jet, 115 – 115115)			
Air corrector jet, various sizes			
110, 115, 130, 140, 150, 160, 170, 190			
(order by size, eg air corrector, 140 – 115340)		(from)	£4.20
200, 220, 230, 240			
(order by size, eg air corrector, 230 – 115430)			
Emulsion tube, various sizes			
.1 - .12 (order by size, eg emulsion tube, .9 – 115509)		(from)	£12.40
Idle jet, various sizes			
.32, .35, .45, .50, .58 (order by size, e.g. Idle Jet .45 - 115645)		(from)	£3.65
Idle jet holder, .2		115692	(each) £7.95
Idle jet holder, .9		115699	(each) £7.95
Pump jet, various sizes			
.33, .40, .45, .50 (order by size, e.g. Pump Jet .40 - 115740)		(from)	£7.20
Trumpet, 45mm, various lengths			
15mm	115021	(each)	£14.50
48mm	115020	(each)	£14.50
Mixture screw, external		115040D	(each) £5.95

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Weber Carburettors			
Carbs, 40/45 DCOE			
40mm	116000	(pair)	£625.00
45mm	116001	(pair)	£625.00
Trumpet, alloy, various sizes			
40mm x 16mm	116011	(each)	£17.95
40mm x 26mm	116013	(each)	£17.95
40mm x 39mm	116015	(each)	£19.75
45mm x 16mm	116021	(each)	£18.95
45mm x 26mm	116023	(each)	£18.95
45mm x 39mm	116025	(each)	£18.95
Trumpet locktab, 40/45mm			
40mm	116019	(each)	£1.50
45mm	116029	(each)	£1.70
Banjo bolt			
	116030	(each)	£13.10
Banjo union, single/double			
Single	116031	(each)	£12.45
Double	116032	(each)	£16.95
Banjo washer, inner/outer			
Inner	116035	(each)	£0.50
Outer	116036	(each)	£0.50
Spindle return spring			
	116045	(each)	£3.25
Linkage return spring			
	116046	(each)	£5.75
Jet cover			
	116048	(each)	£9.30
Jet cover gasket			
	116049	(each)	£0.80
Overhaul kit, per carb			
	116050	(each)	£18.50
Gasket kit, per carb			
	116051	(each)	£10.05
Float chamber gasket			
	116053	(each)	£6.40
Front lever			
	116055	(each)	£12.85
Float valve, various sizes			
150	116060	(each)	£7.95
175	116061	(each)	£7.95
200	116062	(each)	£7.95
300	116065	(each)	£7.95
Float			
	116068	(each)	£17.95
Choke, 40/45mm			
40mm x 30mm - 40 x 36 (order by size, eg choke, 40mm x 31mm – 116071)			
45mm x 34mm - 45 x 39 (order by size, eg choke, 45mm x 36mm – 116086)		(from)	£10.80
45mm x 40mm (116090)			
Choke screw locktab			
	116078	(each)	£3.37
Venturi, 40/45mm			
40mm	116092	(each)	£18.50
45mm	116093	(each)	£18.50
Main jet, various sizes			
100, 105, 110 [...] 235, 240 (order by size eg main jet, 160 - 116160)		(from)	£4.25
Air corrector, various sizes			
100, 105, 110 [...] 190, 195 (order by size eg air corrector, 140 – 116340)		(from)	£2.45
200, 205, 210 [...] 275, 280 (order by size eg air corrector, 210 – 116410)			
Emulsion tube, various sizes			
F2 - F16 (order by size, eg emulsion tube, F9 – 116509)		(from)	£14.95
Spindle, 40/45 DCOE			
40	116550	(each)	£21.85
45	116551	(each)	£32.45
Butterfly, 40/45mm			
40mm	116555	(each)	£4.90
45mm	116556	(each)	£6.90
Idle jet, various types			
40F6	116605	(each)	£2.85
45F6	116606	(each)	£2.85
50F6	116607	(each)	£2.85
55F6	116608	(each)	£2.85
40F8	116610	(each)	£2.85
45F8	116611	(each)	£2.85
50F8	116612	(each)	£2.85
55F8	116613	(each)	£2.85
60F8	116614	(each)	£2.85
40F9	116620	(each)	£2.85
45F9	116621	(each)	£2.85
50F9	116622	(each)	£2.85
55F9	116623	(each)	£2.85
60F9	116624	(each)	£2.85
65F9	116625	(each)	£2.85
70F9	116626	(each)	£2.85

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Lotus Twin Cam Components Listing

Pump jet, various sizes			
30	116700	(each)	£6.55
35	116701	(each)	£6.55
40	116702	(each)	£6.55
45	116703	(each)	£6.55
50	116704	(each)	£6.55
55	116705	(each)	£6.55
60	116706	(each)	£6.55
65	116707	(each)	£6.55
Rear lever	116056	(each)	£12.00
Cam cover nut	103025	(each)	£0.15

Carb Ancillaries

Stromberg carb overhaul kit (for 1 carb)	117001	(kit)	£16.95
Stromberg diaphragm	117002	(each)	£4.70
Throttle barrel, screw type	117003	(each)	£4.15
Throttle barrel, screwless nipple	117003A	(each)	£24.50
Carb spacer plate, alloy			
40mm	117004	(each)	£8.50
45mm	117005	(each)	£8.50
48mm	117006	(each)	£8.50
Carb spacer plate, plastic			
40mm	117007	(each)	£2.20
45mm	117008	(each)	£2.20
48mm	117009	(each)	£2.20
Carb O ring and spacer combined	117010	(each)	£2.70
Braided stainless steel fuel line, various types			
Weber carbs	117011	(set)	£52.50
Weber carbs with electric pump	117012	(set)	£52.50
Dellorto carbs	117013	(set)	£76.50
Carb O ring, 40mm/45mm/Stromburg			
40mm	117014	(each)	£0.50
45mm	117015	(each)	£0.60
Stromburg	117016	(each)	£1.00
Carb Thackery washer	117017	(each)	£0.20
Carb rubber (1 bush, 2 cups)	117018	(each)	£1.25
Carb stud, standard	117020	(each)	£1.00
Weber carb backplate	117030	(each)	£26.00
Air filter JC40/65	910030	(each)	£68.00
Sock filter	910050	(each)	£16.00
Copper washer, for Weber fuel lines	117011A	(each)	£1.00

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Lotus Twin Cam Components Listing

Fuelling Ancillaries			
Fuel pump, metal bowl	112020	(each)	£31.00
Fuel pump blanking plate	112022	(each)	£6.75
Facet fuel pump, fast road/competition			
Fast Road (to 150bhp)	112025	(each)	£33.68
Competition (to 180bhp)	112027	(each)	£38.05
Facet fuel pump kit, fast road/competition			
Fast Road (to 150bhp)	112026	(each)	£45.90
Competition (to 180bhp)	112028	(each)	£50.49
Facet inline filter	112030	(each)	£4.50
Fuel pump, silver/red top			
Silver top (to 200bhp)	112032	(each)	£69.50
Red top (to 240bhp)	112035	(each)	£84.95
Fuel pump kit, silver/red top			
Silver top (to 200bhp)	112034	(each)	£70.30
Red top (to 240bhp)	112036	(each)	£87.75
Fuel pump union, various types/sizes			
1/8" NPTF - 8mm - straight	112040	(each)	£1.10
1/8" NPTF - 6mm - straight	112041	(each)	£0.90
1/8" NPTF - 10mm - straight	112042	(each)	£1.50
1/4" NPTF - 8mm - straight	112043	(each)	£2.30
1/4" NPTF - 10mm - straight	112044	(each)	£1.70
1/8" NPTF - 8mm - 90 deg	112050	(each)	£1.85
1/4" NPTF - 8mm - 90 deg	112051	(each)	£2.20
1/4" NPTF - 10mm - 90 deg	112052	(each)	£2.30
Glass inline filter, 6-10mm ends			
6mm ends	112060	(each)	£9.90
8mm ends	112061	(each)	£9.90
10mm ends	112062	(each)	£9.90
Pro fuel regulator, 6-10mm ends			
6mm ends	112063	(each)	£27.50
8mm ends	112064	(each)	£27.50
10mm ends	112065	(each)	£27.50
Filter King, glass bowl, 67/85mm			
67mm	112066	(each)	£50.50
85mm	112068	(each)	£53.75
Filter King, alloy bowl, 67/85mm			
67mm	112067	(each)	£51.00
85mm	112069	(each)	£57.20
Fuel line clip	112070	(each)	£0.36

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Lotus Twin Cam Components Listing

Miscellaneous			
Header tank/swirl pot, 26R	120015	(each)	£135.00
Radiator, light, alloy, 26R	120016	(each)	£350.00
Dynamo pulley, large, Cosworth	120018	(each)	£70.00
Starter motor, high torque	120019	(each)	£295.00
Air box and hose assembly, with filter	120022	(each)	£315.00
Drive shafts, 3 x 3 bolt	120026	(pair)	£495.00
Hub shaft, steel, inc nut and washer	120027	(each)	£192.00
Diff nose, alloy	120030	(each)	£439.00
Diff carrier, alloy	120031	(each)	£370.00
Gearbox tail housing, alloy	120032	(each)	£345.00
Bellhousing, 2000E/Bullet, lightweight			
Aluminium	120033	(each)	£331.00
Magnesium	120033a	(each)	£451.00
Diff nose seal	120035	(each)	£9.35
Diff housing gasket	120036	(each)	£5.83
Exhaust manifold, competition	120050	(each)	£450.00
Millers Classic sport, 20W/50	702011	(5L)	£41.70
Millers Classic, 20W/50	702012	(5L)	£24.00
Millers CFS, 10W/40	702013	(5L)	£45.25
Millers CRX synthetic gear oil, 75W/90, 5L	702015	(each)	£54.00
Millers CRX LS synthetic gear oil, 75W/90 (for LSD), 1L	702018	(each)	£12.00
Millers Rad Hib Extracool	702103	(1L)	£21.50
Crackle/Wrinkle finish paint, VHT, black, aerosol	710001	(400ml)	£8.45
Grey engine paint, tin	710002	(250ml)	£8.00
Engine preservative, pumпасol	710011	(130ml)	£3.00
Engine flush	710012	(300ml)	£4.00
Blue hylomar	710013	(each)	£3.50
Millers CRX synthetic gear oil, 75W/90, 1L	702016	(each)	£10.50
Millers CRX LS synthetic gear oil, 75W/90 (for LSD), 5L	702017	(each)	£62.00

Specials			
Electronic Ignition	tc	(from)	£850.00
Fuel Injection	tc	(from)	£2,075.00
Steel crankshaft, standard pattern, EN19, 12B/4B4D/6BDD			
6BDD	106001	(each)	£925.00
4B4D (FIA)	106002	(each)	£925.00
12B	106003	(each)	£925.00
Steel crankshaft, 77.6mm stroke, EN19, 6B, WP			
6BDD	106001	(each)	£925.00
4B4D (FIA)	106002	(each)	£925.00
12B	106003	(each)	£925.00
Heritage Fuel Injection Kit			
No fuel line, No linkage kit		(from)	£2,195.00
With braided push-on fuel line, No linkage kit		(from)	£52.50
With braided -6 fuel line, No linkage kit		(from)	£60.00
No fuel line, With linkage kit		(from)	£125.00
With braided push-on fuel line, With linkage kit		(from)	£52.50
With braided -6 fuel line, With linkage kit		(from)	£60.00
FIA Engine Upgrade Kit	FIAKIT	(each)	£2,995.00

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Lotus Twin Cam Components Listing

Injection and Management			
Crank sensor mounting block	114100	(each)	£23.50
Crank pulley, 36 teeth	114124	(each)	£59.50
Distributor Blanking Bung	114050	(each)	£9.50
Crank sensor mounting bracket	114125	(each)	£37.50
Jenvey DCOE throttle bodies, with idle air bleed screw, 45/48mm			
45mm	214136	(pair)	£405.00
48mm	214137	(pair)	£405.00
Crank speed sensor, Ford type	214123	(each)	£49.80
Swirl / Collector Pot	214177	(each)	£145.00
Fuel pressure regulator, various types			
Fast road (8mm push on)	214115	(each)	£78.13
Fast road (-6 fittings)	214115A	(each)	£84.25
Race (8mm push on)	214115B	(each)	£95.26
Race (-6 fittings)	214115C	(each)	£98.66
Heritage Fuel Injection Kit			
No fuel line, No linkage kit		(from)	£2,195.00
With braided push-on fuel line, No linkage kit		(from)	£52.50
With braided -6 fuel line, No linkage kit		(from)	£60.00
No fuel line, With linkage kit		(from)	£125.00
With braided push-on fuel line, With linkage kit		(from)	£52.50
With braided -6 fuel line, With linkage kit		(from)	£60.00

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QED SPECIALS

We probably have more knowledge, experience, and expertise with the Lotus Twincam than almost anyone.

As a result of this there are quite a few special products that we have developed over the years. There are also quite a few items that are no longer widely available but we can still supply!

DTAFAST Engine Management

We supply state of the art engine management systems from DTAfast. The packages we offer are the result of many years of development and have been proven in road car and competition use. This kind of upgrade is undeniably not for the historical purist but for those who consider innovation and cutting edge technology to be Lotus benchmarks, it is an obvious progression.

Electronic Ignition

from £775

Our typical electronic ignition package includes a modern 'wasted spark' twin coil for distributorless ignition, which is controlled by an ECU that responds to both engine speed and load. Engine speed is measured using a specially produced toothed front pulley and engine load is measured with a throttle position sensor mounted on the carb throttle spindle.

As well as being neater this system can deliver considerably more spark energy than a traditional ignition coil. This is especially beneficial for race engines with a higher compression ratio. Of course a twin coil unit also does away with potential points of mechanical failure (e.g. damp in the distributor cap).

A typical package includes :-

- DTAfast Ignition management ECU and engine bay wiring loom
- Toothed front pulley, crank speed sensor, and mounting bracket
- Throttle position sensor, with DCOE mounting kit
- Twin coil ignition pack, and distributor blanking kit

Fuel Injection

from £2075

Carbs can never be jetted correctly for every engine condition and the usual compromise is to jet correctly for full power, sacrificing accuracy at mid rpm and mid throttle. A fuel injection package can deliver precisely the correct amount of fuel for every engine condition (as well as offering all of the advantages of electronic ignition). The result is an engine that is smoother to drive, picks up more cleanly, and depending on how the original carbs were jetted may even be more economical.

A typical package includes :-

- DTAfast full management ECU and engine bay wiring loom
- Toothed front pulley, crank speed sensor and mounting bracket
- Twin coil ignition pack and distributor blanking kit
- Cast throttle bodies, with throttle position sensor and fuel injectors
- Fuel pressure regulator, high pressure fuel pump and fuel filter

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QED SPECIALS

New Cylinder Head Castings

Lotus cars and QED have combined forces to reproduce the 60's favourite cylinder head – cosmetically identical to the last of the original equipment units (i.e. 1967-1974).

By taking full advantage of modern materials and production technology we are able to offer new castings suitable for use in even as the most fully developed motorsport engines without the concerns raised by the often-uncertain condition of those original heads that are still in circulation.

The new cylinder heads are available in small and large port and Europa (+£75) variations.

Cylinder Head Casting



From £2275

EN19 Crankshafts

For motorsport applications an engine will need to run at speeds beyond the limits of the standard crankshaft. Inevitably this means a steel crank for greater strength and reduced weight. However a steel crank, most commonly available in EN40B material, is a very expensive proposition, especially for the club level competitor.

The clubman's solution for a high revving engine is to use a crankshaft produced from EN19 material, which is still strong enough, and light enough, to allow for engine speeds more appropriate to competition use, but which provides a more affordable option than the EN40B used in big budget racing.

In response to demand from both public and trade customers we can now supply new EN19 crankshafts with 72.75mm stroke (1558cc TwinCam) or 77.6mm stroke (1600cc X-Flow). In either case cranks can be supplied for a 6 bolt double doweled or twelve bolt flywheel.

And as you would expect from a company with our motorsport heritage there is also a rope seal crankshaft for a 4 bolt flywheel available to suit those competitors who race under the FIA rules regulating much of the historic motorsport we support.

EN19 Steel Crank, standard pattern (4 bolt/6 bolt/12 bolt)

£925.00

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QED SPECIALS

Seats and Guides for Unleaded Fuel

The majority of Lotus Twincam engines that have not been race tuned can be run without any significant detriment using lead replacement petrol. However a much safer option for these engines, and a necessary upgrade for any tuned engine, is to fit seats and guides suitable for use with unleaded fuel.

Since the early 1990s we have supplied and used seat inserts with a higher Chromium and Nickel content than the original spec. Likewise we supply valve guides made from Colsibro bronze, which will operate safely at higher temperatures than the standard iron guides and with minimal lubrication.

Valve Seat inserts

from £10.00

Colsibro Valve Guides

from £6.50

QED Pistons



QED forged pistons offer a more affordable option than the forged pistons commonly fitted to race engines. Our pistons take advantage of modern production but are very similar to the original design and are produced exclusively for QED.

Pistons are available to suit a range of bore sizes from standard to +0.060" and are all supplied as complete sets including rings, and pins.

QED Pistons, from standard to +0.060"
(complete engine set) £360.00

QED Front Cover



Original type front cover, faithfully reproduced by QED, available as a bare unit or built-up with water pump. Also available with a front facing water outlet, suitable for the Europa.

QED Front Cover From £245.00

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QED SPECIALS

QED Water Pump Kit

The original Twincam water pump assembly can unfortunately develop problems, especially if an engine has been left standing for a long period. However the pump can be overhauled and returned to full working order with our water pump kit.

The kit includes a bearing and impellor, a spring loaded seal and ceramic spacer, a retaining pin, and new pair of O rings.

QED Twincam Water Pump Kit **£31.00**



Weber Carburettor Overhaul Kits

There are three slight variations of our carb overhaul kits suitable for 40mm, 45mm, or turbo carbs respectively. Each kit contains all of the gaskets, O-rings, floats, etc needed to overhaul an engine set of carburettors.

Note: We also supply a full range of ancillaries in support of Dellorto DHLA carbs.

Overhaul kits from **£37.00 Weber**
£59.95 Dellorto



QED Tensioner Kit

It is essential to maintain correct timing chain tension for your engine to run reliably. Unfortunately the tensioner plunger assembly can often become seized making chain tension impossible to adjust.

Our tensioner kit includes a tensioner plunger, spring and screw as well as a housing nut and seal allowing you to replace a seized plunger assembly and ensure correct timing chain tension for a reliable engine.

QED Tensioner Kit **£22.50**



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QED SPECIALS

NEW 681F 'L' CYLINDER BLOCK

Now available from QED, a brand new 681F 'L' Block. Not to be confused with the current American Kent block, this new block is manufactured solely in the UK using modern materials making it far stronger than the original block. The block is fully machined with the capacity to be bored to a maximum of 90mm, giving great flexibility for whichever regulations you may compete under. It's also race proven, having so far seen almost two full seasons. The introduction of this new block means it is now possible to build a completely new, race ready, Lotus Twin Cam and as you'd expect from QED, we have everything you need to do just that!



CYLINDER BLOCK
COMPLETE NEW ENGINE

£3,300
FROM £13,000

QED MotorSport Ltd

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