

Parts list for conversion of Lotus Elan Sprint from carburettor to a fuel injection system.
updated 2019-03-27

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	Engine ECU, Omex 600	Ebay, 2nd hand www.omextechnology.co.uk	OMEM600	1	545.00
2	Wiring Harness	Omex Technology	OMEM1502	1	50.00
3	Throttle Bodies, DCOE-40mm	Omex Technology	TBA40/122	2	500.00
4	Fuel Rail, 2 Piece (4 Cylinder)	Omex Technology	FRA90/ADJ4-8	1	82.00
5	Fuel Rail Mount Kit	Omex Technology	FRMA48-4	1	8.00
6	Ford oval coil connector, Type A	Omex Technology	OMEM4030	1	8.00
7	Air Horns 45mm x 40mm Length	Omex Technology	AHA45/40	4	125.00
31	AMP Mini timer Connectors (pack of 8 pcs) with contacts and boot	Brands Hatch Performance www.shopbhp.com		1	16.00
70	Injectors for Saab 900, 250cc, second hand, tested with new seal	Ebay, Bavarian Werke	Bosch Part 0280 150 432	4	93.00
71	Fuel Pump 3bar, 110Ltr/h	Ebay, bargain.island5	Bosch Part 0580 464 070	1	19.00
73	O2 Oxygen Sensor Lambda Sensor 4 Wire (narrow band)	Ebay, hhhgroupinc		1	16.00
74	Exhaust Bung (was included in the MTX-L kit)	Fuelperformance www.fuelperformance.co.uk		1	5.00
75	Fuel Rail Pressure Sensor (3bar)	Ebay, yee chen tech		1	11.00
76	Fuel Pipe copper, 5/16" (meters)			3	
76	Fuel Pipe plastic 8mm (meters)	Ebay, jurgo18	291812147761	3	10.00
77	Relays for Fuel pump, Coil, Injectors			2	

Trigger Wheel Parts:

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	Trigger wheel sensor bracket	Self-made		1	
2	Trigger wheel shim	Self-made		1	
3	Stand off	Self-made		2	
4	Ford Escort MK2, 1.6 Petrol, (1995-2000), Crankshaft Position Sensor	Ebay, RTG Automotive Ltd.		1	9.00
5	Water pump housing bolt 1/4" x 3" UNC	Ebay, Screwsandmore		2	
6	Splint pin d=3.3mm / L=20mm	junk box		1	
7	Crankshaft pulley bolt 7/16" x 2" UNF	Ebay, Screwsandmore		1	
8	Trigger wheel, 100mm / 36-1	EFI Parts www.efi-parts.co.uk		1	19.00

Coolant Temp Sensor and Adapter:

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	Coolant Temp Sender/Sensor M14 x 1.5	Ebay, ACE Parts Performance	Intermotor Part 55470	1	5.00
4	Coolant Temp Sender/Sensor M12 x 1.5 (wrong connector)	Ebay, ACE Parts Performance	Intermotor Part 55455	4	7.50
2	Thermostat & Coolant Temp Sensor block	Self-made		1	
3	Thermostat housing bolt 5/16" x 1 3/4" UNC	Ebay, Screwsandmore		2	

Air Temp / Pressure Sensor / Airbox:

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	Inlet Air Temp Sender/Sensor M10 x 1.5	Ebay, ACE Parts Performance	Intermotor Part AT1014	1	10.00
2	Manifold Pressure Sensor 46531222	Ebay, ZHU JIANFENG		1	9.00
3	Airbox to cover greater Airhorn diameter	Self-made		1	

Throttle Position Sensor and Adapter:

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	Renault CLIO MK2, 1.2 Petrol, (2001-2005) Throttle Position Sensor	Ebay, RTG Automotive Ltd.		1	9.00
2	Pigtail Connector 3 Pin, for Throttle Position Sensor, Delphi GT150 (needs to be modified to fit)	Ebay, autoelectricsuk		1	7.00
3	Adapter Plate to hold Sensor	Self-made		1	
4	U-Plate to hold Adapter plate	Self-made		1	
5	Throttle Body axle extension	Self-made		1	
6	Screws, Shims & Nuts M4			3	

Ignition & HT Parts:

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	Ford Mondeo MK2, 1.6 Petrol, (1998-2000), 12V block ignition coil pack	Ebay, astrading2016, Auto Sensors Trading		1	18.00
2	Ford Focus Zetec Coil Boot & Terminal	Ebay, Mr-Retro-Leads-Plugs		4	9.00
3	Ignition Spark Plug rubber boot & terminal	Ebay, Mr-Retro-Leads-Plugs		4	7.00
4	Black Silion 7mm Ignition Lead /meter	Ebay, Mr-Retro-Leads-Plugs		3	9.00

Return-less fuel system:

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	PWM DC Motor Speed Controller	Ebay, SURFVY2014	401047272148	1	3.00
71	High pressure Fuel pump	see above		-	-
3	Components for PID Controller	Self-made		1	
4	Aluminium sheets to attach all	Self-made		1	
5	Brackets for fuel pump and filter (52mm ID Fuel Pump Bracket)	Ebay, apexmotoring@163.com		2	9.00
6	Fuel Filter	Ebay, SSF5160 www.motorbling.com	141974787791	1	7.00

Special Items:

Item	Part-Description	Source	Part No.	Nbrs	Price £
1	Innovate MTX-L Air/Fuel Ratio Wideband Gauge Kit with λ -Sensor	Fuelperformance www.fuelperformance.co.uk	Innovate USA MTX-L	1	185.00