SIDE MOUNTED 4 & 5 PORT OIL PUMPS PARTS LIST



NOTE: All prices are SUBJECT TO CHANGE and freight is NOT INCLUDED.

HOTE: All pric	,03	are sobsect to orialise and treight is is	OT THOUGHED.
1011/10500011	_	D	<u>In Dollars</u>
A0116135300A1	1	, ,	\$116.91
A0116138401A1	1	Pressure Body 4 Port (5/8")	\$105.53
A0116936400A3	1	Separator Plate	\$35.87
A0116135501A1	1	Scavenge Body 7/8", 5/8" Inlet	\$93.03
A0116135502A1	1	Scavenge Body 7/8", 3/4" Inlet	\$93.03
A0116137400A2	1	Scavenge Body 1", 3/4" Inlet	\$106.87
A0116135902A2	1	Titan Front Cover	\$32.76
A0116135902A2 A0116135901A2	1	Plain Front Cover	\$32.76 \$32.76
A0116135701A2 A0116135701A3	1		
	-	Tacho Drive Front Cover (Standard 7/8" Scavenge)	\$35.95
A0116135702A3	1	Tacho Drive Front Cover (1" Scavenge)	\$36.71
UCS04C03601A4	4	Socket Head Cap Screws	\$1.01
UNH04F00001A4	1	PRV Half Nut 1/4 UNF	\$0.53
A0116423600A3	1	PRV Adjuster Screw	\$11.34
A0116431200A3	1	PRV Plunger	\$10.82
A0116423900A3	1	PRV Spring	\$3.68
A0116430601A3	1	PRV Seat	\$21.15
UND04F00011A4	1	PRV Dome Nut	\$3.15
A0116330801A3	1	Scavenge Rotor Set 7/8" Long	\$38.49
A0116330801A3	1	Scavenge Rotor Set 1" Long	\$38.49
DWZ00040510A4	1	Woodruff Key (405)	\$0.38
DW200040310A4	į	Woodruff Rey (403)	\$0.38
PDP00201001A4	1	Roll Pin 1/8" dia. x 5/8" Long	\$0.53
A0193337601A2	1	Drive Gear, Skew	\$57.48
A0193337602A2	1	Drive Gear Tuftrided, Skew (Alternative)	\$57.48
PKP00301201A4	1	Selock Pin 3/16" dia. x 3/4" Long	\$0.53
A0116236300A3	1	Pressure Rotor Shaft Assembly, 5/8" - Standard	\$64.39
A0116236100A3	1	Pressure Rotor Shaft Assembly, 5/8" - Tacho Drive	\$67.39
		•	
SLN08160410A4	1	Lip Seal MIS-08 Steel Back	\$5.92

SIDE MOUNTED OIL PUMPS 4 & 5 PORT ANCILLARIES

Unions Available

A0116542300A3 A0116542400A3	Oil Union 1/2" x 1/2" BSP Oil Union 1/2" x 5/8" BSP	\$12.01 \$10.92
A0116537000A2	Oil Union 1/2" x 3/4" UNF (-8)	\$12.01
A0116537100A2	Oil Union 1/2" x 7/8" UNF (-10)	Volume 1 Pa §d 2.01
A0116538000A2	Oil Union 1/2" x 1 1/1 6" UNF (-l 2)	Sectio \$12.01
		v2.19 28/07/06

	A1091610300A3	Crush Washer 1/2" BSP	\$1.60
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Scavenge Pipes and Fittings Available

		ζ	
A0116536800SK	1	3/4" Scavenge Pipe Kit comprising:-	\$41.06
A0116536800A3	1	3/4" Scavenge Pipe	\$39.38
SRN20011645A4	2	Scavenge 'O' Ring	\$0.53
CSW10102400A4	1	Scavenge Pipe Wire Clip	\$0.63

\$38.22

1 5/8" Scavenge Pipe & Nut (Side Mounted Oil Pump)

Tacho Gearboxes Available

A0116536600A3

A0193010102A1	Tacho Gearbox (non-reversing, black) - Standard supplied with mounting screws 2BA x 5/8"	\$251.16
A0193010101A1	Tacho Gearbox (reversing, brown) - Non Standard supplied with mounting screws 2BA x 5/8"	\$251.16



FORD FRONT MOUNTED OIL PUMPS

A0116031301A1 Ford front mounted oil pump with 7/8" scavenge rotor, 5/8" \$630.00 dia. Scavenge pipe and nut, crankshaft oil seal, complete with

unions (see below)



A0116031302A1 Ford front mounted oil pump with 1" scavenge rotor, 3/4" dia. \$630.00 Scavenge pipe, crankshaft oil seal, complete with unions.

Pump Drive Couplings and Unions Available

A0116932100A3 A0116932200A3	Oldham Coupling Drive Key	\$40.89 \$23.98
A0116542300A3	Oil Union 1/2" x 1/2" BSP	\$12.01
A0116542400A3	Oil Union 1/2" x 5/8" BSP	\$10.92
A0116531500A3	Oil Union 1/2" x 3/8" BSP	Volume 1 Pag \$8.42 Section 1B
A0116537000A2	Oil Union 1/2" x 3/4" UNF (-8)	v2.19 28/0 %/12.01

A0116537100A2	Oil Union 1/2" x 7/8" UNF (-10)	\$12.01
A0116538000A2	Oil Union 1/2" x 1 1/1 6" UNF (-I 2)	\$12.01
A1091610300A3	Crush Washer 1/2" BSP	\$1.60

FORD FRONT MOUNTED OIL PUMP PARTS LIST

A0116131700A1	1	Pressure Pump Housing	\$276.61
A0116131800A2	1	Scavenge Pump Housing 7/8"	\$100.57
A0116131900A2	1	Scavenge Pump Housing 1"	\$110.65
A0116132000A3	1	Front Cover Plate, suits both 7/8" and 1" Housing	\$48.05
A0116231100A3	1	Pressure Rotor Set	\$67.64
A0116330801A3	1	Scavenge Rotor Set 7/8" long	\$38.49
A0116330802A3	1	Scavenge Rotor Set 1" long	\$38.49
DWZ00040510A4	1	Woodruff Key (405)	\$0.38
PDP00201001A4	1	Roll pin (6mm x 10mm)	\$0.74
A0116936400A3	1	Steel Separator Plate	\$35.87
A1091610300A3	2	Crush Washers 1/2" BSP	\$1.60
A1091610200A3	1	Crush Washers 3/8" BSP	\$1.03
A0116430601A3	1	PRV Seat	\$21.15
A0116431200A3	1	PRV Plunger	\$10.82
A0116423600A3	1	PRV Adjuster Screw	\$11.34
A0116423900A3	1	PRV Spring	\$3.68
UNH04F00001A4	1	Half Nut 1/4 UNF	\$0.53
UCS04C03601A4	4	Socket Head Cap Screws	\$1.01
A1294110100A3	1	Oil Seal	\$15.58

Scavenge Pipes and Fittings

A0116531400A3	1	5/8" Scavenge Pipe and Nut (Front Mounted Oil Pump)	\$38.22
A0116536800SK	1	3/4" Scavenge Pipe Kit, comprising:-	\$41.06
A0116536800A3	1	3/4" Scavenge Pipe	\$39.38
SRN20011645A4	2	Scavenge 'O' Ring	\$0.53
CSW10102400A4	1	Scavenge Pipe Wire Clip	\$0.63

FABRICATED SUMPS AND FITTINGS

E0212510102A0	Ford 1600 fabricated sump, ¾" scavenge with rolled windage tray	REPLACED BY E0212610101A1
E0212510200A0	Ford 1600 fabricated sump, 5/8" scavenge	REPLACED BY E0212610102A
E0212510300A0	Escort 1600 fabricated sump, 3/4" scavenge with rolled windage tray (With X-Member Cut Out)	REPLACED BY E0212610201A
E0212510400A0	Escort 1600 fabricated sump, 5/8" scavenge (with X-Member Cut Out).	REPLACED BY E0212610202A
E0212510500AV	Ford Atlantic fabricated sump, full rolled baffle, 3/4" scavenge with starter cut out	REPLACED BY E02126101011A Section 1B v2.19 28/07/06

Special sumps made upon request

Parts Available For Above

A0112944400A3	Sump Filter	\$22.58
A1091610300A3	Crush Washer 1/2" BSP	\$1.60
HBF01200010A4	Oil Hose 3/4" Bore (per cm)	\$0.46
HFJ02501800A4	Jubilee Clip	\$1.81

ALLOY SUMPS AND FITTINGS

Titan 1600 Alloy Sump with baffle, bolts, filter housing, chassis mounting plates and single central pick up pipe in 5/8" or 3/4" versions

E0212518101SK		5/8" Pick Up Pipe Version	\$431.09
E0212518102SK		3/4" Pick Up Pipe Version	\$431.09
Parts Available For	Abo	ove	
E0212518100A1	1	Aluminium Sump	\$384.72
E0212918200A2	1	Baffle Plate	\$19.11
E0212117300A2	1	Filter Housing	\$32.42
CSF05201910A4	1	Circlip AM1400-118	\$0.99
SRN20402645A4	2	'O' Ring	\$0.59
A0112944400A3	1	Sump Filter	\$22.58
A1091610300A3	1	Crush Washer 1/2" BSP	\$1.60
A1091010300A3	Ţ	Clusti Washer 1/2 bor	\$1.00
E0212117500A3	1	Scavenge Pipe 3/4"	\$39.38
E0212117700A3	1	Scavenge Pipe 5/8"	\$39.38
SRN20011645A4	2	'O' Rings	\$0.53
CSW10102400A4	1	Wire Clip 1700-93	\$0.63
UCSX0100801A4	8	Button Head Socket Screws 2BA x 1/2"	\$0.55
UCS04C01201A4	18	Cap Screws 1/4" UNC x 3/4"	\$0.69
WRSU0400801A4		Flat Pattern Springs Washer 1/4"	\$0.23
Also Available			
ASW00073200A4		Silastic Sealant	\$17.26
E0212610101A1		Standard Sump-3/4" Pick Up Kit - Replaces Fabricated Sump	\$504.00

Parts Available for Above

A1012910102A3	1	Filter Screen (OD Ø17.5x57.15MM)	\$3.11
A1016511901A3	1	Union (MF28X2) Swivel Boss	\$29.19
E0212511001A1	1	Sump - Standard	\$482.08
E0212910101A3	1	Tube - Pick Up	\$11.70
MBS05C01001A4	8	Skt Hd Button Scr-M5X0.8X10	\$0.59
SRN20602645A4	1	'O' Ring 206-026-4470	Volume 1 Pag \$ 0.53
E0212910201A1	1	Baffle	Sectio \$40.32
A1012911801A3	1	3/4" Outlet Tube Assembly	∨2.19 28/0 \$⁄94.63



E0212610102A1	Standard Sump-5/8" Pick Up Kit - Replaces Fabricated	\$504.00
	Sump.	

Parts Available for Above

E0212610201A1		Escort Sump - 3/4" Pick Up Kit - Replaces Fabricated	\$504.00
		,	
A1012911901A3	1	5/8" Outlet Tube Assembly	\$34.44
CSW10102400A4	1	Circlip-Plain Wire (1700-93)	\$0.63
SRN20011645A4	2	'O' Ring 200-116-4470	\$0.53
SRN20602645A4	1	'O' Ring 206-026-4470	\$0.53
MBS05C01001A4	8	Skt Hd Button Scr-M5X0.8X10	\$0.59
E0212910101A3	1	Tube - Pick Up	\$11.70
E0212511001A1	1	Sump - Standard	\$482.08
A1016511901A3	1	Union (MF28X2) Swivel Boss	\$29.19
A1012910102A3	1	Filter Screen (OD Ø17.5x57.15MM)	\$3.11

Parts Available for Above

Sump.

A1012910102A3	1	Filter Screen (OD Ø17.5x57.15MM)	\$3.11
A1016511901A3	1	Union (MF28X2) Swivel Boss	\$29.19
E0212511101A1	1	Sump - Escort	\$482.08
E0212910101A3	1	Tube - Pick Up	\$11.70
E0212910201A1	1	Baffle	\$40.32
MBS05C01001A4	8	Skt Hd Button Scr-M5X0.8X10	\$0.59
SRN20602645A4	1	'O' Ring 206-026-4470	\$0.53
A1012912301A3	1	3/4" Outlet Tube Assembly - Escort	\$46.10
SRN20011645A4	2	'O' Ring 200-116-4470	\$0.53
CSW10102400A4	1	Circlip-Plain Wire (1700-93)	\$0.63

E0212610202A1 Escort Sump - 5/8" Pick Up Kit - Replaces Fabricated \$504.00 Sump.

Parts Available for Above

A1012910102A3	1	Filter Screen (OD Ø17.5x57.15MM)	\$3.11
A1016511901A3	1	Union (MF28X2) Swivel Boss	\$29.19
E0212511101A1	1	Sump - Escort	\$482.08
E0212910101A3	1	Tube - Pick Up	\$11.70
E0212910201A1	1	Baffle	\$40.32
MBS05C01001A4	8	Skt Hd Button Scr-M5X0.8X10	\$0.59
SRN20602645A4	1	'O' Ring 206-026-4470	\$0.53
A1012912401A3	1	5/8" Outlet Tube Assembly - Escort	\$45.21
SRN20011645A4	2	'O' Ring 200-116-4470	\$0.53
CSW10102400A4	1	Circlip-Plain Wire (1700-93)	\$0.63







POWERGRIP BELT: WATER PUMP DRIVE KITS

E0292311200SK	FF1600 Water Pump Drive Kit (1.1 Ratio), comprising:-	\$150.15
E0292311200A3	1 30T XL Steel Crank Pulley	\$84.08
E0292312900A2	1 34T XL Steel Water Pump Pulley	\$55.90
DBW17005003A4	1 170XL050 Belt	\$10.16
E0292311201SK	FF1600 Water Pump Drive Kit (1.47:1 Ratio), comprising:-	\$150.15
E0292311200A3	1 30T XL Steel Crank Pulley	\$84.08
E0392311000A3	1 44T XL Alloy Water Pump Pulley (5/8" bore)	\$55.90
DBW18005003A4	1 180XL050 Belt	\$10.16
E0292316800SK	FF1600 Hotrod 1/2" Water Pump Drive Kit (1:1 Ratio), comprising:-	\$150.15
E0292316800A3	1 22T L Steel Crank Pulley	\$59.72
E0292316600A2	1 22T L Alloy Water Pump Pulley	\$82.03
DBW18705001A4	1 187L050 Belt	\$8.40
E0292310600SK	FF1600 Hotrod 1" Water Pump Drive Kit (1:1 Ratio), comprising:-	\$200.93
E0292310600A2	1 22T L Steel Crank Pulley	\$105.82
E0292316600A2	1 22T L Alloy Water Pump Pulley	\$82.03
DBW18710001A4	1 187L100 Belt	\$13.08
E0292318400SK	Ford MAE/Twincam Water Pump Drive Kit, comprising:-	\$150.15
E0292311200A3	1 30T XL Steel Crank Pulley	\$84.08
E0292318400A3	1 34T XL Steel Water Pump Pulley	\$55.90
DBW17005003A4	1 170XL050 Belt	\$10.16
	POLY-V: WATER PUMP DRIVE KITS	
E0292219000SK	Kent Drive Kit, comprising:-	\$193.85
E0292219000A2	1 Crank Pulley - Kent	\$55.69
E0392211100A2	1 Water Pump Pulley - Kent/Pinto	\$55.69
E0292218600A2	1 Alternator Pulley - Kent/Pinto	\$57.88
E0291619100A3	1 Washer - Kent	\$6.89
E0292218900A2	1 Crank Pulley Boss - Kent	Volume 1 Pa gg6.98 Section s 29.38
DBP75500046A4	1 Poly-V Belt	v2.19 28/07/06

E0292218800SK	Ford BDA Drive Kit, comprising:-	\$156.87	
E0292218800A2 1	Crank Pulley - BDA	\$48.05	
E0292218700A2 1		\$48.05	
E0292218600A2 1		\$57.88	
DBP75500046A4 1		\$29.38	
	GEAR DRIVE KIT (MAE TYPE)		
E0218314400SK	Ford Camshaft - Gear Drive Imperial Kit (MAE Type), comprising:-	\$484.13	
E0218314400A2 1		\$176.78	
E0211914500A2 1	Crank Gear (22T)	\$120.20	
E0211914600A2 1	Idler Gear (22T)	\$92.80	
E0218914800A2 1 BNM20241700A4 1	Thrust Washer Bearing	\$25.81 \$12.08	
E0218214701A2 1	Idler Shaft (Imperial)	\$63.53	
E0218214702A2 1	Or Idler Shaft (Metric)	\$63.53	
Available For Above			
E0211425300A2 1	Extended Front Main Cap (not drilled)	\$141.96	
	BDA PULLEYS - POWERGRIP		
E0292310100A2	BDA Crankshaft Pulley	\$128.42	
E0292315100A2	BDA/Kent Crankshaft Pulley Adaptor	\$163.80	
E0292311400A2	BDA Jackshaft Pulley (Single Bolt)	\$141.31	
E0292320200A2	BDA Jackshaft Pulley (Twin Bolt)	\$141.31	
E0292320700A2	BDA Back Drive Water Pump Pulley 1/2" bore (22T)	\$84.08	
E0292320000A2	BDA Back Drive Water Pump Pulley 5/8" bore (22T)	\$84.08	
E0292310200A2	BDA Camshaft Pulley	\$136.50	
E0292321500A2	BDT Back Drive Water Pump Pulley 5/8" bore (24T)	\$91.73	
<u>FLYWHEELS</u>			
E0221210200A1	Ford Formula Atlantic Steel Flywheel 12 Bolt, 2.48kg	\$276.61	
E0221210701A1	Ford Escort Steel Flywheel 6 Bolt, 3.30kg	\$250.11	
E0221210702A1	Ford Escort Steel Flywheel 12 Bolt, 3.25kg	\$250.11 Volume 1 Page 7	
E0221210703A1	Ford Escort Steel Flywheel 6 Bolt (Lightweight), 3.00kg	Secti \$287.45 v2.19 28/07/06	

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Special Flywheels Available Upon Request

ROLLER ROCKER ASSEMBLIES

E0213214001A2		Ford Kent Roller Rocker Assembly complete with shaft and posts (Standard Lift) 1.54:1 Ratio	\$917.28
E0213214002A2		Ford Kent Roller Rocker Assembly complete with shaft and posts (High Lift) 1.69:1 Ratio	\$917.28
Parts Available Fo	or Abo	ove	
E0213213401A2	4	Alloy Rockers Assembled R/H (Standard Lift)	\$98.28
E0213213402A2	4	Alloy Rockers Assembled L/H (Standard Lift)	\$98.28
E0213213403A2	4	Alloy Rockers Assembled R/H (High Lift)	\$98.28
E0213213404A2	4	Alloy Rockers Assembled L/H (High Lift)	\$98.28
E0213213500A1	1	Rocker Shaft	\$76.44
E0213914100A3	2	Alloy Plugs	\$4.28
SRN20001145A4	2	'O' Rings	\$0.38
PSPX0301611A4	2	Split Pins	\$0.23
E0291314200A3	2	Spacer Shims 0.120" to 0.180"	\$4.16
E0213216700A3	4	Rocker Post Assy.	\$65.35
E0291110906A2	2	Rocker Spacers Long	\$5.78
E0291110905A2	1	Rocker Spacer Short	\$5.29
E0213213900A3	8	Adjuster Screw	\$11.82
UNR06F00001A4	8	'K' Type Nut 3/8" UNF	Volume 1 Page 8 Section \$4.85

TITAN NEEDLE ROLLER ROCKER ASSEMBLY

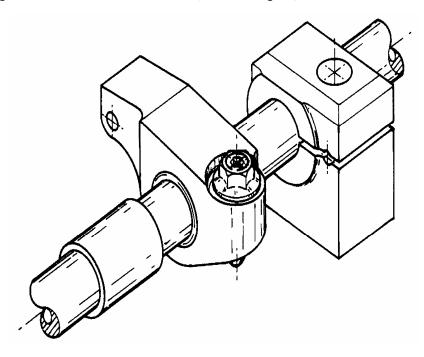
Before fitting, completely undo all tappet screws to minimise bending of hardened steel shaft. Ensure that posts, spacers and rockers are evenly distributed along the length of the shaft so that all rockers are free to pivot.

On no account must the springs be allowed to become coil-bound as this will place undue stress on the rocker and could lead to failure.

When fitting either the standard or high lift ratio assemblies, it may be necessary to open out the push rod holes to give additional clearance.

The following torque figures must be observed:-

Rocker Pillar Bolts: - 26 - 28lbs. ft. (3.6 - 3.9 Kg.m.) Tappet Adjusting Nuts: - 15 - 18lbs. ft. (2.1 - 2.5 Kg.m.)



FORD ANCILLARIES

Main Caps

E0213225100SK Set of Five Steel Main Caps, comprising: -

\$241.54



E0211425100A2	3 Intermediate Cap (27.05mm Width) (No 2, 4 and 5)	\$54.10
E0211425300A2	Extended Front Main Cap	\$141.96
Rocker Posts		
E0213210301A2	Steel Rocker Post (Standard)	\$21.53
E0213210302A2	Steel Rocker Post (+0.050")	\$21.53
Retainers		
E0213421001AV	Steel Spring Retainer 9/32"	\$8.65
E0213421002AV	Steel Spring Retainer 5/16"	\$8.65
E0213410801AV	Alloy Valve Retainer 5/16" Single Groove	\$8.09
E0213410802AV	Alloy Valve Retainer 9/32"	\$8.09
E0213410803AV	Alloy Valve Retainer 5/16" Triple Groove	\$8.09
Camshaft Retaining	g Plate	
E0218116000A2	Steel Camshaft Retaining Plate (Thrust Plate)	\$33.85
Offset Cam Dowels		
E0218912201A3	Offset Cam Dowel 1	\$7.10
E0218912202A3	Offset Cam Dowel 2	\$7.10
E0218912203A3	Offset Cam Dowel 3	\$7.10
E0218912204A3	Offset Cam Dowel 4	\$7.10
E0218912205A3	Offset Cam Dowel 5	\$7.10
E0218912206A3	Offset Cam Dowel 6	\$7.10
E0218912207A3	Offset Cam Dowel 7	\$7.10
E0218912208A3	Offset Cam Dowel 8	\$7.10
E0218912209A3	Offset Cam Dowel 9	\$7.10
	FORD ANCILLARIES	
Rocker Covers		
E0213120102SK	Alloy Rocker Cover Complete with Bolts and Gasket	\$156.24

E0213120102SK Alloy Rocker Cover Complete with Bolts and Gasket (Dry Sump)

E0213120101SK Alloy Rocker Cover Complete with Bolts and Gasket (Wet Sump)

\$156.24



A1013910100A3 UCS04C04801A4 Rocker Cover Gasket
 Rocker Cover Bolts

Volume 1 Page \$5.12 Section \$1.28 v2.19 28/07/06

A0116544700A3	1/4" x 1/8" BSP Oil Pressure Union	\$18.08			
Alloy Gearbox Adaptor					
A0223318300A0	Alloy Gearbox Adaptor Plate (Hewland)	\$294.84			
Ford Front Mounted Ta	acho Drive Kit				
E0218920800A3 1 E0218923000A3 1		\$28.41			
Ford Side Mounted Tac	cho Drive				
E0211110200SK	Side Mounted Tacho Drive Housing Assembly	\$146.77			
Ford Ancillaries					
A0193351402A2	Distributor Skew Gear (Tuftrided)	\$57.48			
E0211918500A3	FVC/FVA Quill Shaft	\$110.23			
E0213325602A3	9/32" Tappet Shim	\$3.09			
E0213325601A3	5/16" Tappet Shim	\$4.41			
CLE95948200A0	Engine Stands (pair)				
A0214916040A3 A0214916045A3 A0214916048A3	Carburettor Spacers - Ø 40MM Carburettor Spacers - Ø 45MM Carburettor Spacers - Ø 48MM				