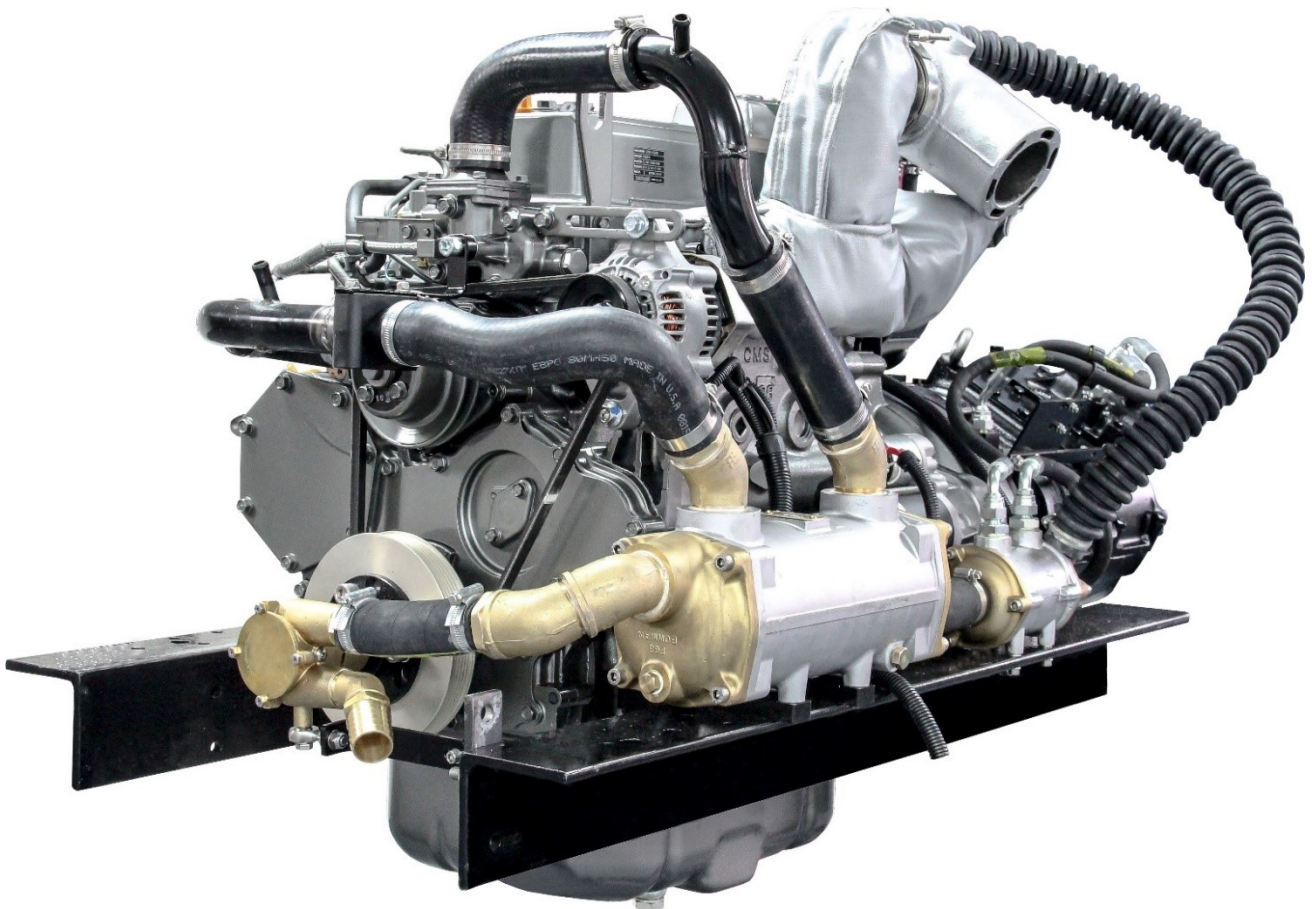


ORIGINAL PARTS BOOK



SHIRE PARTS BOOK



For the following engine model*:
Shire 15 70WB

*Standard Model, there may be a number of optional extras, or alternative components, that may be fitted to an engine that are not shown in this book.

Index

	Page
Base Engine Model	3
Service Parts	4
Fuel Filter Head	5
Consumables	6
Control Panel Parts	7
Electrical Parts	9
Gearbox Parts	11
Pumps	12
Thermostat Parts	13
Header Tank Parts	14
Heat Exchanger Parts	15
'E' Kit Parts.....	16
Engine Mount Parts.....	17
Exhaust Manifold Blankets	18
Engine Parts: Injectors	19
Engine Parts: Fuel Injection Pump	20
Engine Parts: Rocker Cover Gasket & Oil Cap.....	21
Engine Parts: Cylinder Head Gasket	22
Accessories: Exhaust Equipment	23
Accessories: Sterngear	25
Accessories: Couplings	26
Accessories: Propellers	27
Accessories: Lever Controller.....	28
Dealer List	29

Base Engine Model

Shire Model	Base Engine
Shire 70WB	4TNV98-ZNSA

On the E.P Barrus Website there is a Shire 70WB Parts Book which has a more extensive list of parts available for your engine. To access the Shire Parts Books on the internet, type the following short link into your search engine:

<https://www.barrus.co.uk/divisions/marine/diesel/shire/downloads/shire-parts/?p=1>

For the Shire Shop, visit:

<https://shireshop.co.uk/>

Service Parts

	Description	Part No.	Model
	Primary Fuel Filter	RDG9188346	All
	Secondary Fuel Filter	119802-55810	All
	Air Filter Element	RDG6613	All
	Oil Filter	129150-35170	All
	Fuel Filter Drain Screw	RDG9189022	All
	50A Alternator Belt	GB/T12732-1996	All
	240A Alternator Belt	RDG0047511	All

Fuel Filter Head



Description	Part No.	Model
Secondary Fuel Filter Head	129004-55612-9	All

Consumables



Description	Part No.	Model
Engine Oil 10W40 CD 5L Container (This can also be used for a PRM 150 and PRM 280 Gearbox) NOTE: This part number supersedes RDG2797	RDG6110	All
Diesel Fuel Additive 500ml Container	RDG80210219	All

Control Panel Parts

*** The Shire 09 70 and Shire 11 70 used a different type of panel which is no longer available. If the Control Panel or any of the parts on it require replacement the newer Standard/Deluxe Control Panel would be required.**

	Description	Part No.	Model
	Standard Control Panel	RDG20710110	Optional*
	Deluxe Control Panel	RDG20710111	Standard*
	Ignition Switch	RDG215A5	All
	Ignition Key (for switch RDG215A5)	RDG215A196	All
	Ignition Switch Kit (to replace ignition switches fitted before 2016)	RDG215A6 (SS1626)	All
	Tacho Gauge	RDG20710158	All (Panels as listed above)
	Oil Pressure Gauge	RDG21710160	All (Panels as listed above)
	Voltmeter Gauge	RDG21710161	All (Panels as listed above)



Water Temperature
Gauge

RDG21710159

All (Panels as
listed above)



Control Panel Warning
Light

RDG20910163

All (Panels as
listed above)

Electrical Parts

	Description	Part No.	Model
	Extension Loom (2.3m)	RDG4041	All
	50A Alternator	AND0286	All
	150A Alternator (160A Alternator originally supplied but is no longer available)	RDG20110201	Shire 70WB (Optional)
	240A Alternator	RDG2019682	Shire 70WB (Optional)
	Starter Motor	RDG208A12	All
	Electric Fuel Pump	RDG504A90	All
	Water Temperature Switch	121250-44901	Shire 70WB
	Water Temperature Sensor	RDG6765	Shire 70WB



Water Temperature
Switch / Sensor

RDG2189446

Shire 70WB



Yanmar Oil Pressure
Switch

114250-39450

Shire 70WB



Oil Pressure Switch
Sensor

RDG2189445

All



Engine Stop Control
System Fuse (40 Amp)

RDG3246

Shire 70WB



Control Panel Supply
Fuse (15 Amp)

RDG3245

Shire 70WB



Engine Start Control
System Fuse (15 Amp)

RDG3245

Shire 70WB



Starter Relay

RDG1396

All



Control Panel Supply
Fuse (15 Amp)

RDG3245

Shire 70WB



Main Permanent Live
Fuse (10 Amp)

RDG1437

Shire 70WB

Gearbox Parts



Description	Part No.	Model
Damper Drive Plate for PRM 260 D2 / D3, 280 D2 / D3	RDG5002	Shire 70WB
PRM 280 D2 Gearbox	RDG914A25	All
Gearbox Oil Cooler	RDG1466	Shire 70WB
Gearbox Oil Cooler Hose (Long)	RDG3017340	All
Gearbox Oil Cooler Hose (Short)	RDG3017339	All

Pumps



Description	Part No.	Model
Sump Pump	RDG1461	All
Gearbox Pump	RDG2837	All
Raw Water Pump	RDG9079564	All
Raw Water Pump Impeller	17.200.107 (or RDG0109627)	All

Thermostat Parts



Description	Part No.	Model
Thermostat (82°) (Fitted to engine)	RDG217A15	Shire 70WB
Thermostat Gasket (Fitted to twin thermostat - on Shire 70 fitted to engine)	KM385T-06209	All

Header Tank Parts



Description	Part No.	Model
Header Tank	RDG6364	All
Header Tank Cap	RDG1723	All
Header Tank Hose	RDG3310	All

Heat Exchanger Parts



Description	Part No.	Model
Heat Exchanger	RDG909A1	Shire 70WB
Zinc Anode	RDG5048313	Shire 70WB

'E' Kit Parts



Description	Part No.	Model
3.5kW 'E' Kit Alternator Belt	RDG0047600	Shire 70
5kW 'E' Kit Alternator Belt	RDG0047600	Shire 70

Engine Mount Parts



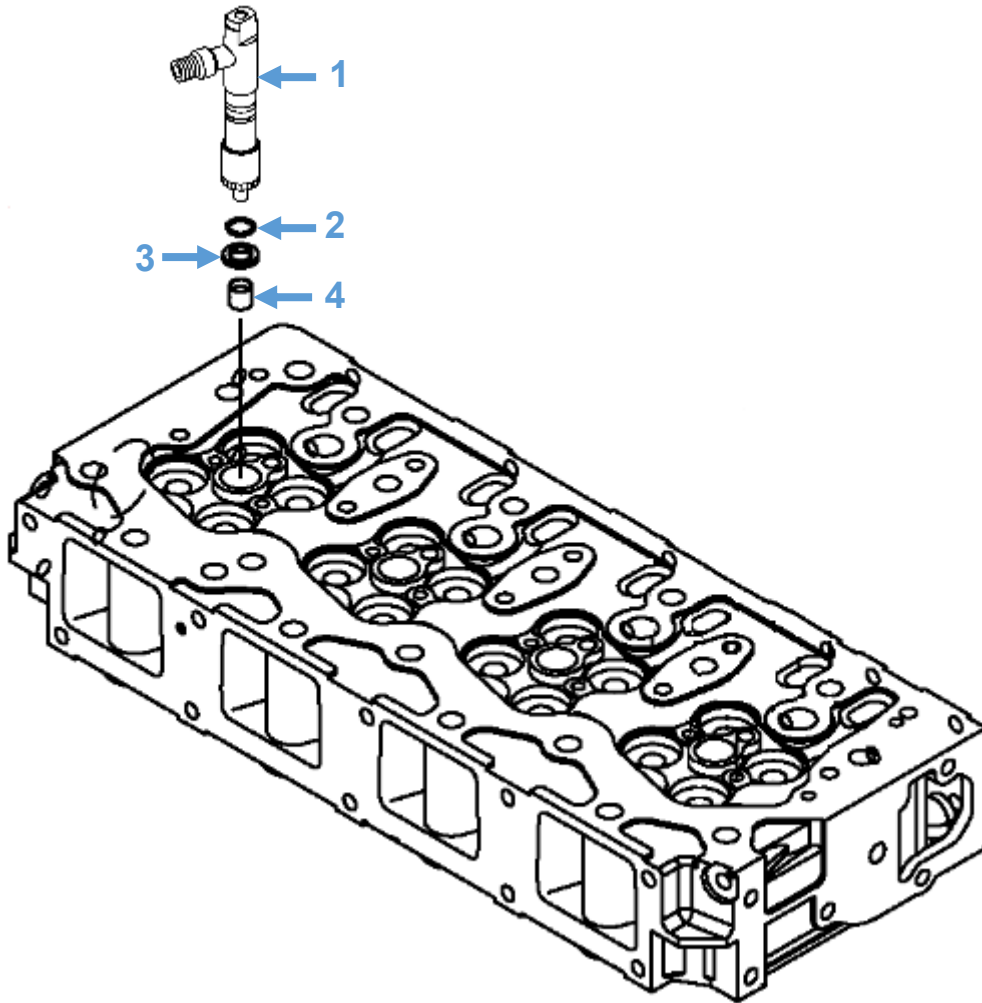
Description	Part No.	Model
Engine Mount	RDG3033	All
Engine Mount Stud Kit	RDG1867	All

Exhaust Manifold Blankets



Description	Part No.	Model
Exhaust Pipe Blanket	RDG904A48	Shire 70WB
Exhaust Elbow Blanket	RDG904A47	Shire 70WB
Exhaust Blanket	RDG904A46	Shire 70WB

Engine Parts: Injectors



1	Injector	729907-53100	Shire 09 70 Shire 11 70 Shire 12 70 Shire 14 70
		729927-53100	Shire 70
2	Injector O-Ring	24311-000120	All
3	Injector Seat	119625-11880	All
4	Injector Protector	119802-11870	All

Engine Parts: Fuel Injection Pump

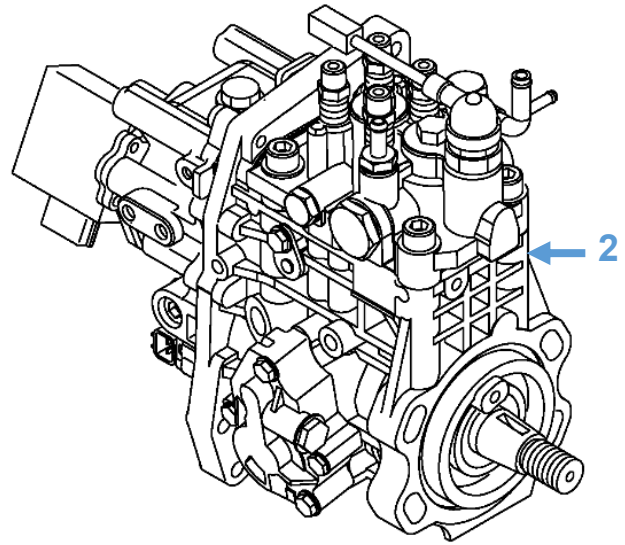
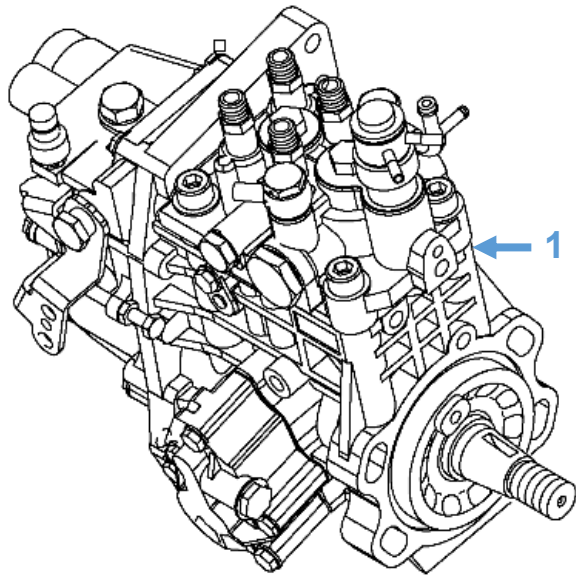


Diagram No.	Description	Part No.	Model
1	Fuel Injection Pump	729907-51320	Shire 09 70 Shire 11 70 Shire 12 70 Shire 14 70
2	Fuel Injection Pump	729939-51390	Shire 70

Engine Parts: Rocker Cover Gasket & Oil Cap

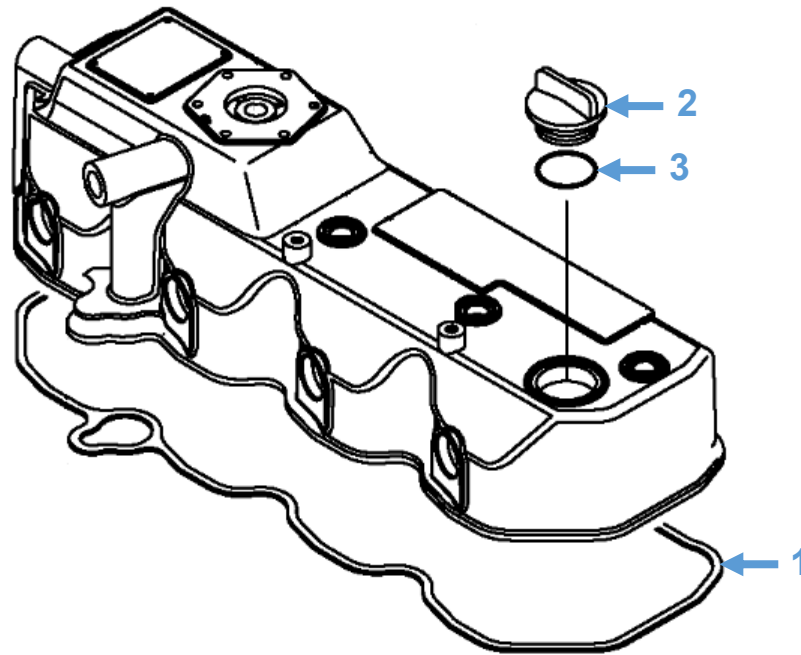


Diagram No.	Description	Part No.	Model
1	Rocker Cover Gasket	129907-11310	Shire 09 70 Shire 11 70 Shire 12 70 Shire 14 70
		129933-11310	Shire 70
2	Oil Cap	124160-01751	All
3	Oil Cap O-Ring	24311-000320	All

Engine Parts: Cylinder Head Gasket

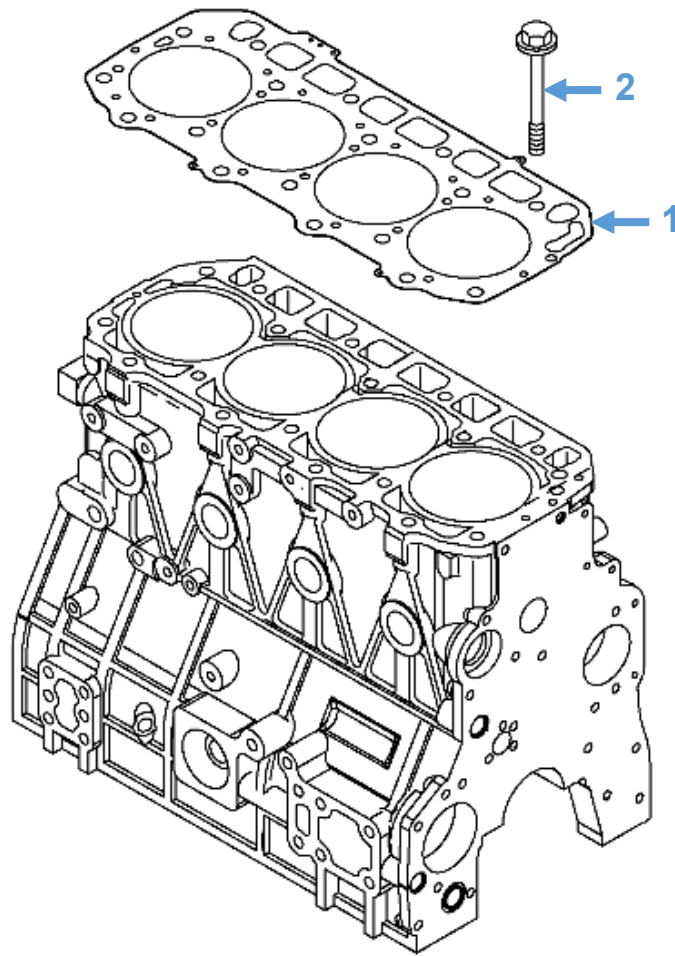


Diagram No.	Description	Part No.	Model
1	Cylinder Head Gasket	129907-01331	All
2	Cylinder Head Bolt	129900-01200	All

Accessories: Exhaust Equipment

	Description	Part No.	Model
	Flexible Exhaust Pipe Blanket	RDG2477	All
	Exhaust Coupling 2"	RDG9048003	All
	Flexible Exhaust Pipe 2"	RDG9048004	All
	Dry Exhaust Silencer 2"	RDG9048005	All
	Hospital Silencer 2"	RDG9048364	All
	2" Equal Elbow BSP	RDG9048002	All
	Exhaust Gasket	129930-13201	All
	Shire 70/90 WB Exhaust Elbow	RDG904A18	All



Turbocharger Gasket	119773-13250	All
V-Clamp	119773-13300	All
Yanmar 4LH Water Injected Exhaust	119773-13500	All

Accessories: Sterngear



Description	Part No.	Model
30" x 1.5" Diameter Propeller Shaft	EPB3841	All
Weldable Sterntube	EPB5534	All
Flexible Shaft Seal (to suit 1.5" shaft)	EPB5536	All



Accessories: Couplings



Description	Part No.	Model
R&D Flexible Coupling Disc 5" Flange PRM 260 / 280	RDG9126579	All
R&D Split Boss Clamp Coupling 5" Flange PRM 260 / 280	RDG9129923	All
Centaflex Type 16 Coupling 1.5"	RDG2779	All

Accessories: Propellers



Description	Part No.	Model
20" x 14" 3 Blade Propeller	20X143PB	All*

*** Suitable for a 1.5" Shaft, 12:1 Taper**

Accessories: Lever Controller



Description	Part No.	Model
Single Lever Control Unit (side mounted)	RDG92010055	All
3 Metre Cable	RDG92010056	All

Dealer List

Area	Company	Telephone	Email
BERKSHIRE	Driveline Marine	0118 942 3877	tam@drivelinemarine.com
	Marcus Marine Engineering Ltd (Servicing, Repairs & Breakdowns only)	07900890911	Marcus@marcusmarine.co.uk
BRISTOL	Advance Marine	01275 815910	phil@advancemarine.co.uk
CHESHIRE	Midland Chandlers	01928 751 800	preston.brook@midlandchandlers.co.uk
	Nantwich Canal Centre Ltd	01270 625122	info@nantwichcc.com
CORNWALL	Armada Engineering	01326 375566	sales@armadamh.co.uk
	Black Dog Marine	01503 265898	blackdogmarine@googlemail.com
	Cellar Marine	01326 280214	john@cellarmarine.com
	Smith's Boat Yard	01208 862815	info@smithsboatyard.co.uk
CUMBRIA	Windermere Aquatic Ltd	01539 442121	service@aquaticboatcentres.com
DERBYSHIRE	Midland Canal Centre	01283 701933	info@mccboats.co.uk
DEVON	Darthaven Marina	01803 752242	admin@darthaven.co.uk
	Mobile Marine	01297 631821	mobilemarine@btconnect.com
	Sleeman & Hawken Ltd	01626 778266	sales@sleeman-hawken.co.uk
	Tonto Marine	01803 844399	enquiries@tontomarine.co.uk
DORSET	Purbeck Marine	01202 686592	purbeckmarine@aol.com
	Rob Perry Marine	01297 631314	sales@robperrymarine.co.uk
EAST SUSSEX	Peter Leonard Marine	01273 515987	info@plmarine.com
ESSEX	French Marine Motors Ltd	01206 305233 01255 850303	info@frenchmarine.com
HAMPSHIRE	Marine Power Ltd	0238 0403918	sales@marine-power.co.uk
HEREFORDSHIRE	Starline Marine	01684 593443	narrowboats@starline.demon.co.uk
HERTFORDSHIRE	Keypart Ltd	01923 276000	sales@keypart.com
	Lee Valley Marina	01920 870499 01920 293101	stansteadmarina@vibrantpartnerships.co.uk
	P & S Marine	01923 248372	pandsmarinellp@gmail.com
LEICESTERSHIRE	Foxton Boat Services Ltd	01162 792285	foxtonboats@btinternet.com

LONDON	Lee Valley Marina	020 88061717	springfieldmarina@vibrantpartnerships.co.uk
MIDDLESEX	Lindon Lewis Marine	01932 247427	service@pushtheboatout.com
NORFOLK	French Marine Motors Ltd	01603 722079	info@frenchmarine.com
NORTHAMPTON	Grand Junction Boat Co.	01604 858043	info@boatrepairs.uk.com
	Midland Changers	01788 891401	braunston@midlandchangers.co.uk
NOTTINGHAM	Farndon Marina	01636 705483	info@farndonmarina.co.uk
OXFORDSHIRE	Service Engine UK	01993 835157	info@serviceenginesuk.co.uk
SHROPSHIRE	Maestermyn (Marine) Ltd	01691 662424	enquiries@maestermyn.co.uk
STAFFORDSHIRE	JD Boat Services Ltd	01902 791811	david@jdboats.co.uk
	River Canal Rescue	01785 785680	enquiries@rivercanalrescue.co.uk
	Stone Boatbuilding Company	01785 812688	stonechandlery@aol.com
	Streethay Wharf	01543 414808	office@streethaywharf.co.uk
WARWICKSHIRE	Barry Hawkins Narrowboats	01827 711762	boats@hawkinsyard.freeserve.co.uk
	Onboard Energy	02476 393333	sales@onboardenergy.com
	Springwood Haven Leisure Ltd	0845 4566572	enquiries@springwoodhaven.co.uk
	Valley Boat Services Ltd	07990528123	enquiries@valleycruises.co.uk
WEST MIDLANDS	Stephen Goldsbrough Boats	01564 778210	andy@sgboats.com
WILTSHIRE	Devizes Marina	01380 725300	sales@devizesmarina.com
	Foxhangers Marine	01380 828795	info@foxhangers.co.uk
WORCESTERSHIRE	J L Pinder & Son	01527 876438	sales@jlpinderandsons.co.uk
	Starline Narrowboats	01684 874774	narrowboats@starline.demon.co.uk
	Starline Narrowboats	01531 632003	enquiries@starlinenarrowboats.co.uk
YORKSHIRE	Rodley Boat Centre	01132 576132	rodleyboatcentre@msn.com
MONMOUTHSHIRE	Castle Narrowboats	01873 830001	info@castle.narrowboats.co.uk
SHETLAND	DH Marine (Shetland) Ltd	01595 690618	mail@dhmarine.co.uk
NORTHERN IRELAND	South Shore Marine	020 38341010	info@southshoremarine.co.uk
EIRE	Dun Laoghaire Marine Services	00353 12104776	info@dlms.ie
	O'Sullivan's Marine	003536 67124524	brian@sulliansmarine.com
	Oysterhaven Boats	00353 214843626	sales@oysterhavenboats.com