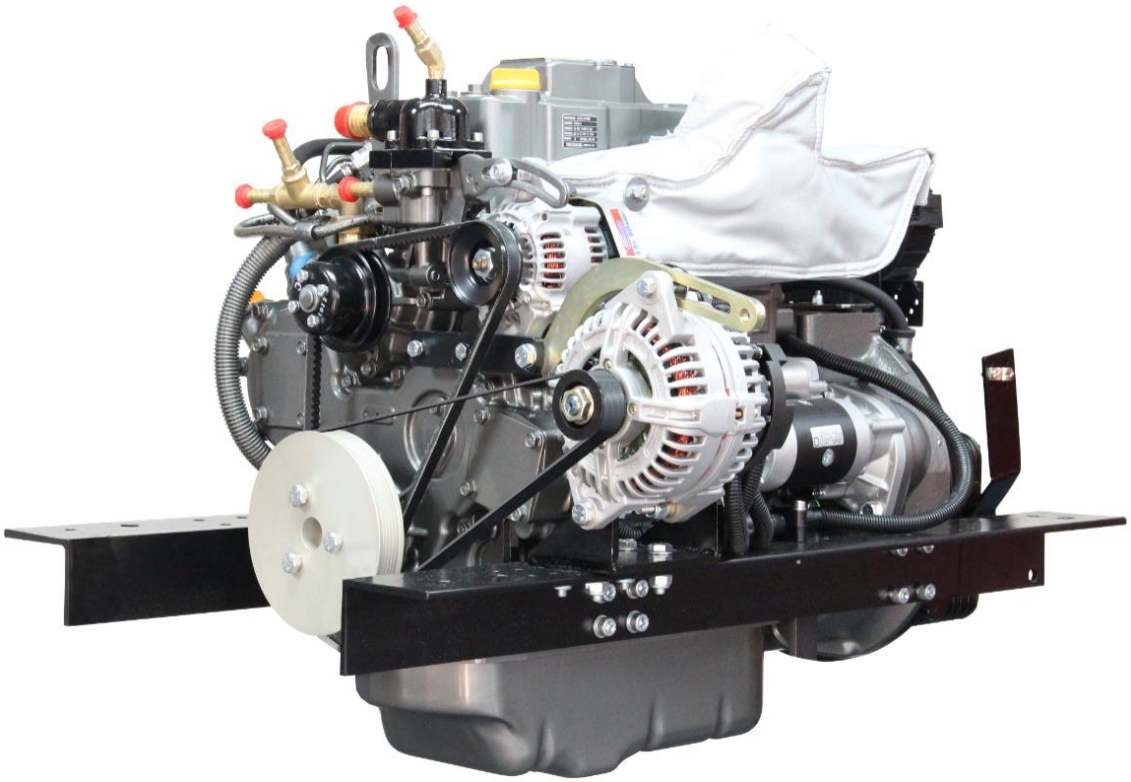
ORIGINAL PARTS BOOK

SHIRE PARTS BOOK



For the following engine models*:

Shire 05 40
Shire 06 40
Shire 09 40
Shire 11 40
Shire 12 40
Shire 14 40
Shire 40

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

RDG603A38 - Issue 7 - Issued 03/08/2021

Index

Page

Base Engine Model 3
Service Parts 4
Consumables 6
Control Panel Parts 7
Electrical Parts 9
Gearbox Parts 12
Pumps 14
Thermostat Parts 15
Header Tank Parts 16
'E' Kit Parts 17
Engine Mount Parts 18
Exhaust Manifold Blankets 19
Engine Parts: Injectors 20
Engine Parts: Fuel Injection Pump 21
Engine Parts: Rocker Cover Gasket & Oil Cap 22
Engine Parts: Cylinder Head Gasket 23
Accessories: Exhaust Equipment 24
Accessories: Sterngear 25
Accessories: Couplings 26
Accessories: Propellers 27
Accessories: Lever Controller 28
Dealer List 29

Base Engine Model

Shire Model	Base Engine
Shire 05 40	4TNV88-DSA
Shire 06 40	4TNV88-DSA
Shire 09 40	4TNV88-DSA
Shire 11 40	4TNV88-DSA
Shire 12 40	4TNV88-DSA
Shire 14 40	4TNV88-DSA
Shire 40	4TNV88-BDYED-SH

On the E.P Barrus Website there is a Shire 38 Parts Book, Shire 40 Parts Book, Shire 45 Parts Book and Shire 50 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

Service Parts

	Description	Part No.	Model
	Primary Fuel Filter	RDG2238	Shire 05 40 Shire 06 40
	Primary Fuel Filter	RDG9188346	Shire 09 11 Shire 11 40 Shire 12 40 Shire 14 40 Shire 40
	Secondary Fuel Filter	119802-55810	All
	Air Filter Element	RDG5795	All
	Oil Filter	129150-35170	All
	Fuel Filter Drain Screw	RDG9189022	Shire 09 11 Shire 11 40 Shire 12 40 Shire 14 40 Shire 40
	50A Alternator Belt	RDG6079	All
	110A Alternator Belt	RDG5757	Shire 05 40 Shire 06 40 (Serial No 000001 to 02899)

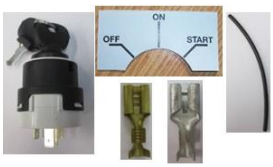
	110A Alternator Belt	RDG2254	Shire 06 40 (Serial No 02900 onwards)
	110A Alternator Belt	RDG0048974	Shire 09 40 Shire 11 40
	140A Alternator Belt	RDG6076	Shire 12 40 Shire 14 40
	150A Alternator Belt	RDG6076	Shire 40
	240A Alternator Belt (Optional 240A Alternator fitted)	RDG0047498	Shire 40

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 05 40, Shire 06 40, Shire 09 40 and Shire 11 40 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	All*
	Deluxe Control Panel	RDG20710111	All*
	Ignition Switch	RDG215A5	All
	Ignition Switch Kit (to replace ignition switches fitted before 2016)	RDG215A6 (SS1626)	All
	Tacho Gauge	RDG20710158	All
	Oil Pressure Gauge	RDG21710160	All
	Voltmeter Gauge	RDG21710161	All
	Water Temperature Gauge	RDG21710159	All

	Control Panel Warning Light	RDG20910163	All

Electrical Parts

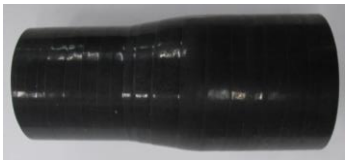
	Description	Part No.	Model
	Extension Loom (2.3m)	RDG4041	All
	50A Alternator	AND0286	All
	150A Alternator (110A / 140A /160A Alternators originally supplied are no longer available)	RDG20110201	All
	Starter Motor	SHI0112	All
	Stop Solenoid	119653-77950	All
	Electric Fuel Pump	RDG504A90	All
	Water Temperature Switch	121250-44901	All
	Water Temperature Sender (only if Deluxe Panel is fitted)	RDG6765	Shire 05 40 Shire 06 40 Shire 09 40 Shire 11 40

	Water Temperature Sender and Switch (only if Deluxe Panel is fitted)	RDG2189446	Shire 12 40 Shire 14 40 Shire 40
	Oil Pressure Sensor (only if Deluxe Panel is fitted)	RDG6752	Shire 05 40 Shire 06 40
	Yanmar Oil Pressure Switch	114250-39450	Shire 40
	Oil Pressure Switch / Sensor (only if Deluxe Panel is fitted)	RDG2189445	Shire 09 40 Shire 11 40 Shire 12 40 Shire 14 40 Shire 40
	Engine Stop Control System Fuse (40 Amp)	RDG3246	All
	Control Panel Supply Fuse (15 Amp)	RDG3245	All
	Engine Start Control System Fuse (15 Amp)	RDG3245	All
	Glow Plug Fuse (40 Amp)	RDG3246	All
	Starter Relay	RDG1396	All

	Cold Start Relay	RDG5279	Shire 40

Gearbox Parts

	Description	Part No.	Model
	Damper Drive Plate for PRM 150 D2 / D3	RDG1766	All
	Heavy Duty Drive Coupling for PRM 150 D2 / D3 (Option)	RDG7080	All
	Damper Drive Plate for PRM 260 / 280 D2 / D3	RDG1957	All
	PRM 150 D2 Gearbox (Unless the optional D3 3:1 Ratio gearbox has been fitted)	RDG1765 (RDG1959)	All
	Gearbox Oil Cooler (This replaces ALL previous oil coolers fitted on engines)	RDG909A19	All*
	Gearbox Oil Cooler Hose (Long)	RDG5690	All
	Gearbox Oil Cooler Hose (Short)	RDG5295	All
	Gearbox Oil Cooler Water Hose 28mm	RDG1883	All

	Gearbox Oil Cooler Water Hose Reducer 35-28mm	RDG3018381	All

*** Modifications may be required for the Oil Cooler to fit**

Pumps

	Description	Part No.	Model
	Sump Pump ¾”	RDG2837	All

Thermostat Parts

	Description	Part No.	Model
	Thermostat (71°) (Fitted to engine)	129155-49801	Shire 05 40 Shire 06 40 Shire 09 40 Shire 11 40 Shire 12 40
	Thermostat (82°) (Fitted to engine - on Shire 05 40 & Shire 06 40 fitted to twin thermostat)	129457-49801	Shire 05 40 Shire 06 40 Shire 14 40 Shire 40
	Thermostat (86°) (Fitted to single thermostat engines)	RDG909A7	Shire 40
	Thermostat (88°) (Fitted to twin thermostat)	L375-06203-2	Shire 09 40 Shire 11 40 Shire 12 40
	Thermostat Gasket (Fitted to twin thermostat)	L375-06202	Shire 09 40 Shire 11 40 Shire 12 40
	Thermostat Gasket (Fitted to twin thermostat)	KM385T-06209	Shire 09 40 Shire 11 40 Shire 12 40
	Thermostat Gasket (Fitted to engine - on Shire 06 40 fitted to twin thermostat as well)	129350-49541	All

Header Tank Parts

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

‘E’ Kit Parts

	Description	Part No.	Model
	3.5kW ‘E’ Kit Alternator Belt	RDG6076	Shire 05 40 Shire 06 40 Shire 09 40 Shire 11 40
	3.5kW ‘E’ Kit Alternator Belt	RDG0047511	Shire 12 40 Shire 14 40 Shire 40
	5kW ‘E’ Kit Alternator Belt	RDG6076	Shire 05 40 Shire 06 40 Shire 09 40 Shire 11 40
	5kW ‘E’ Kit Alternator Belt	RDG0047511	Shire 12 40 Shire 14 40 Shire 40

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 Blanket	RDG9047745	All

Engine Parts: Injectors

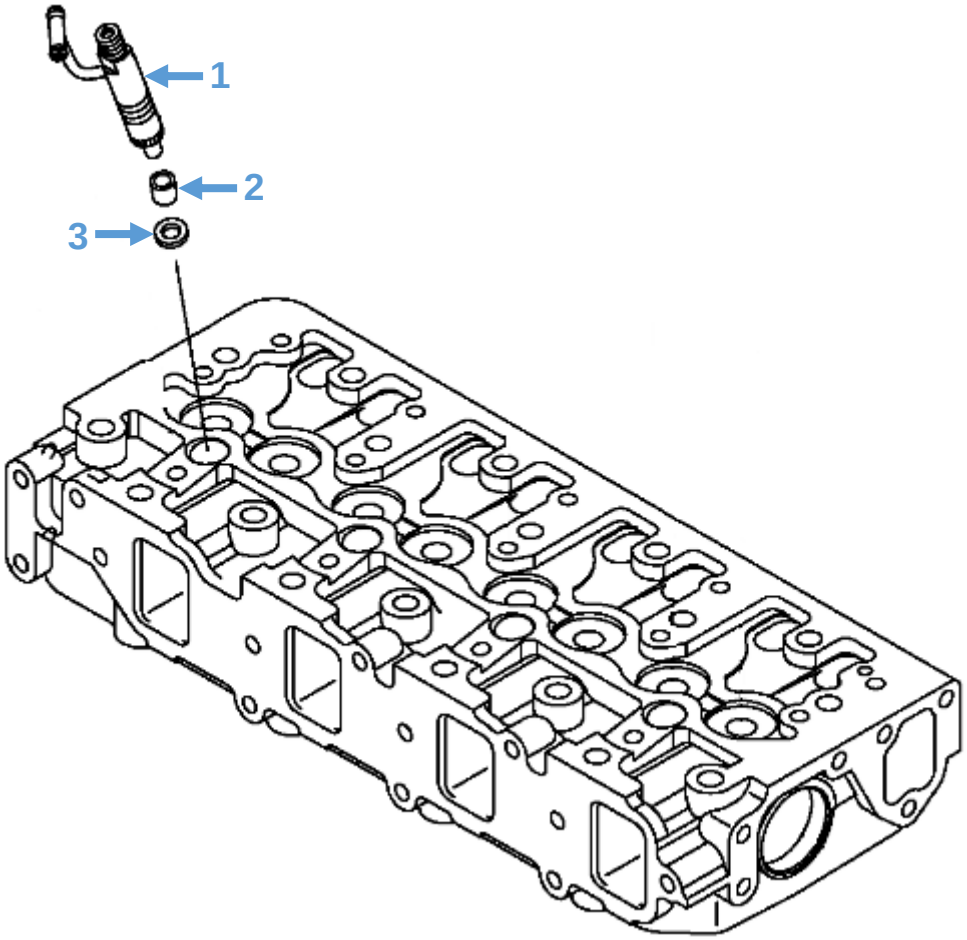


Diagram No.	Description	Part No.	Model
1	Injector	729602-53101	Shire 05 40 Shire 06 40 Shire 09 40 Shire 11 40 Shire 12 40 Shire 14 40
		729604-53200	Shire 40
2	Injector Protector	119802-11870	All
3	Injector Seat	119625-11880	All

Engine Parts: Fuel Injection Pump

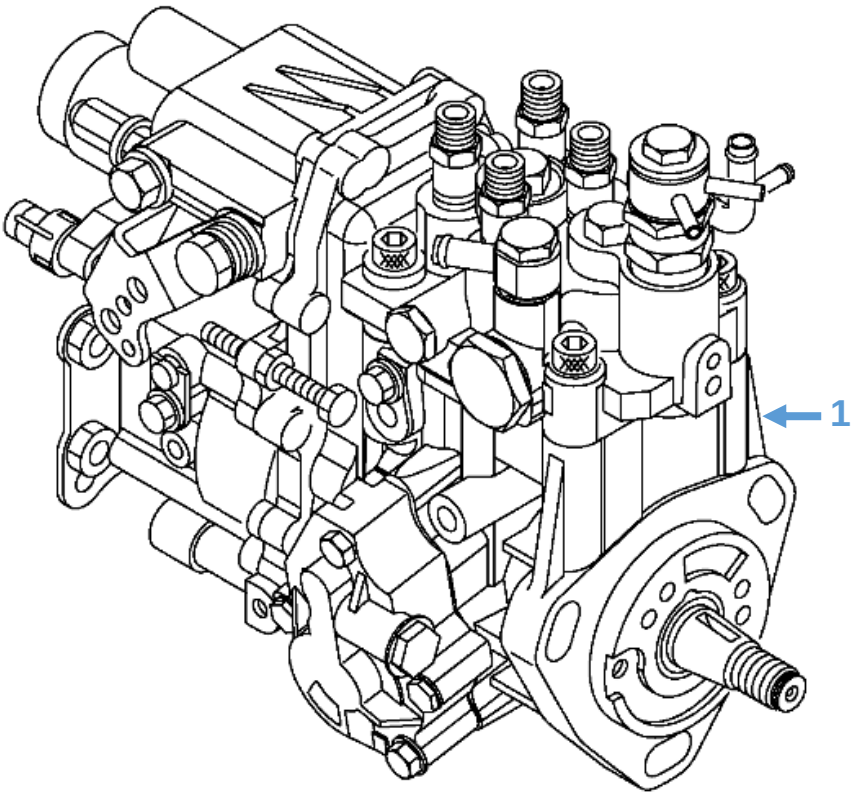


Diagram No.	Description	Part No.	Model
1	Fuel Injection Pump	729602-51310	Shire 05 40 Shire 06 40 Shire 09 40 Shire 11 40 Shire 12 40 Shire 14 40
		729688-51301	Shire 40

Engine Parts: Rocker Cover Gasket & Oil Cap

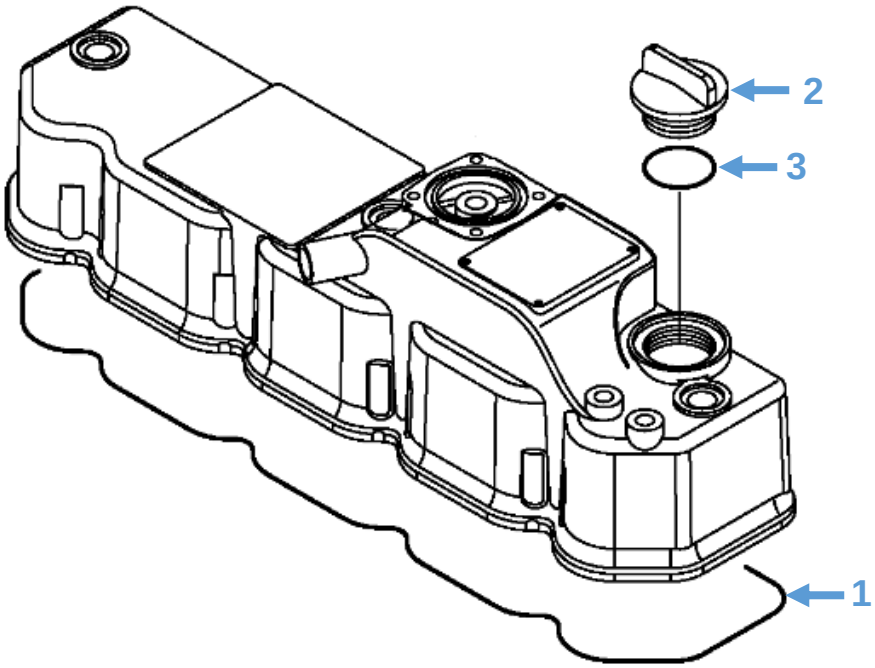


Diagram No.	Description	Part No.	Model
1	Rocker Cover Gasket	129601-11310	All
2	Oil Cap	124160-01751	All
3	Oil Cap O-Ring	24311-000320	All

Engine Parts: Cylinder Head Gasket

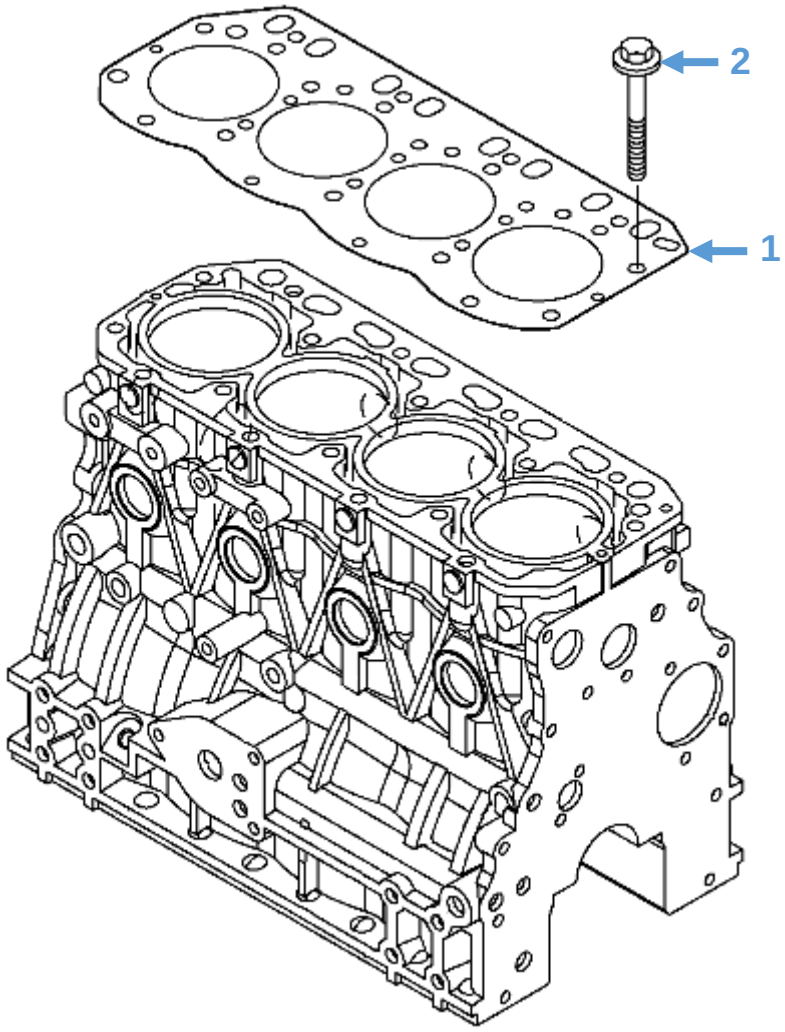
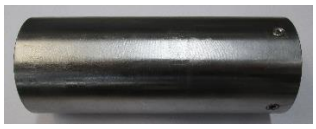


Diagram No.	Description	Part No.	Model
1	Cylinder Head Gasket	129407-01340	All
2	Cylinder Head Bolt	129150-01200	All

Accessories: Exhaust Equipment

	Description	Part No.	Model
	Exhaust Coupling 1.5”	RDG1916	All
	Flexible Exhaust Pipe Blanket	RDG2477	All
	Flexible Exhaust 1.5”	RDG1879	All
	Dry Exhaust Silencer 1.5”	RDG1911	All
	Hospital Silencer 1.5”	RDG6536	All
	1 ½” F x 1 ½” F BSP 90 Elbow	RDG5898	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	RDG9129347	All
	R&D Split Boss Clamp Coupling	RDG1079349	All
	Centaflex Type 16 Coupling 1.5”	RDG2779	All

Accessories: Propellers

Description	Part No.	Model
18” x 10” 3 Blade Propeller	18X103PB	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
CUMBRIA	Windermere Aquatic Ltd	01539 442121	service@aquaticboatcentres.com
DERBYSHIRE	Midland Chandlers	01283 701445	willington@midlandchandlers.co.uk
DEVON	Sleeman & Hawken Ltd	01626 778266	sales@sleeman-hawken.co.uk
ESSEX	French Marine Motors Ltd	01206 305233 01255 850303	info@frenchmarine.com
HAMPSHIRE	Marine Power Ltd	0238 0403918	sales@marine-power.co.uk
HERTFORDSHIRE	Lee Valley Marina	01920 870499 01920 293101	stansteadmarina@vibrantpartnerships.co.uk
	Keypart Ltd	01923 276000	sales@keypart.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
NORTHAMPTON	Grand Junction Boat Co.	01604 858043	info@boatrepairs.uk.com
	Midland Chandlers	01788 891401	braunston@midlandchandlers.co.uk
NOTTINGHAM	Farndon Marina	01636 705483	info@farndonmarina.co.uk
STAFFORDSHIRE	JD Boat Services Ltd	01902 791811	david@jdboats.co.uk
	Midland Chandlers	01785 712437	penkridge@midlandchandlers.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	Springwood Haven Leisure Ltd	0845 4566572	enquiries@springwoodhaven.co.uk
WILTSHIRE	Devizes Marina	01380 725300	sales@devizesmarina.com

WORCESTERSHIRE	Crafted Boats Ltd	01527 876438	craftedboats@btconnect.com
	Evesham Marina	01386 768500	info@eveshammarina.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
EIRE	Southshore Marina & Diesel Ltd	028383 41010	info@southshoremarine.co.uk