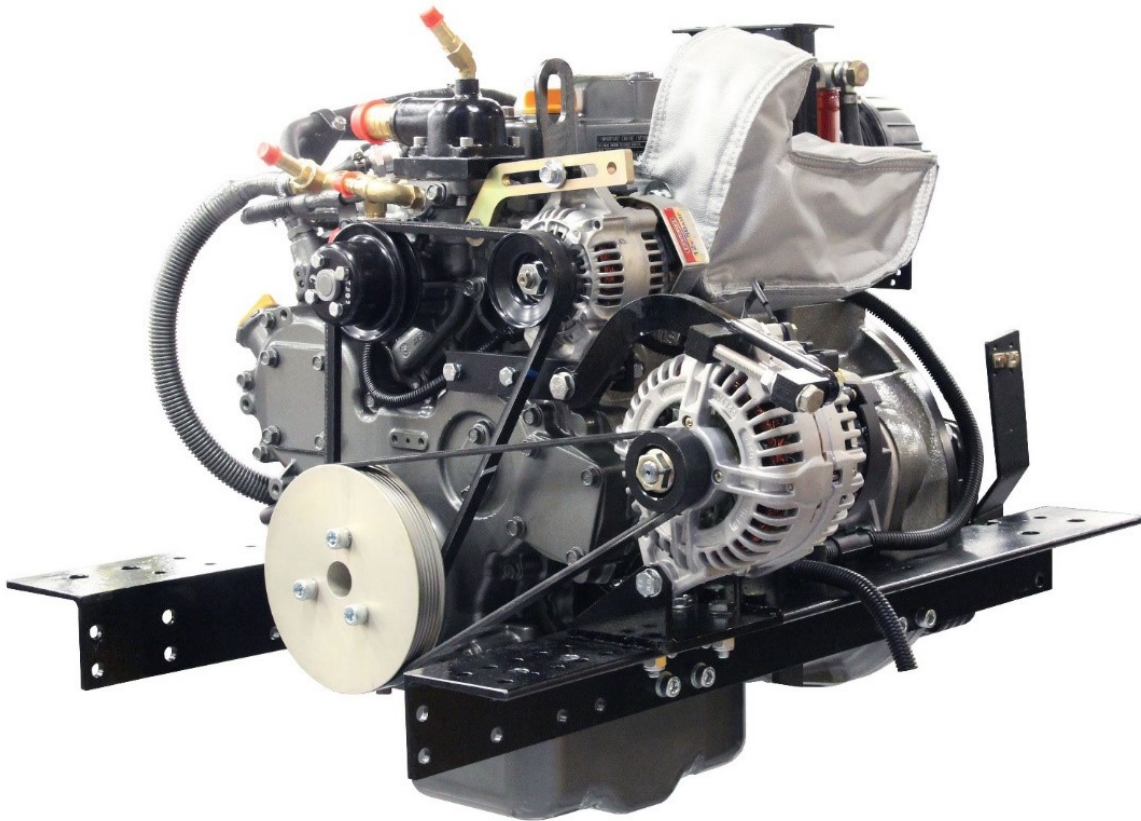




SHIRE PARTS BOOK



For the following engine models*:

Shire 05 35
Shire 06 35
Shire 11 35
Shire 12 35
Shire 14 35
Shire 35

*Standard Model, there may be a number of extras, or alternative components, that 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	6
Consumables	7
Control Panel Parts	8
Electrical Parts	10
Gearbox Parts	13
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: Sterngear	24
Accessories: Propellers	25
Accessories: Lever Controller	26
Dealer List	27

Base Engine Model

Shire Model	Base Engine
Shire 05 35	3TNV82A-DSA
Shire 06 35	3TNV82A-DSA
Shire 11 35	3TNV82A-DSA
Shire 12 35	3TNV82A-BDSA
Shire 14 35	3TNV82A-BDSA
Shire 35	3TNV82A-BDYED-SH

On the E.P Barrus Website there is a Shire 30 Parts Book and Shire 35 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	RDG2238	Shire 05 35 Shire 06 35 Shire 11 35
	Primary Fuel Filter	RDG9188346	Shire 12 35 Shire 14 35 Shire 35
	Secondary Fuel Filter	119802-55810	All
	Air Filter Element	RDG5795	All (up to Serial No xx-02662)
	Air Filter Element	RDG919A19	Shire 35 (from Serial No xx-02663)
	Oil Filter	129150-35170	All
	Fuel Filter Drain Screw	RDG9189022	Shire 12 35 Shire 14 35 Shire 35
	50A Alternator Belt	RDG6079	Shire 05 35 Shire 06 35 Shire 11 35



50A Alternator Belt

25132-003700E

Shire 12 35
Shire 14 35
Shire 35



110A Alternator Belt

RDG5757

Shire 05 35
Shire 06 35
Shire 11 35
(Serial No
000001 to
061081)



110A Alternator Belt

RDG2254

Shire 06 35
Shire 11 35
(Serial No
061082
onwards)



125A Alternator Belt

RDG0047511

Shire 35
(from Serial No
xx-02663)



140A Alternator Belt

RDG6076

Shire 12 35
Shire 14 35



150A Alternator Belt

RDG6076

Shire 35
(up to Serial No
xx-02662)



240A Alternator Belt

RDG0047498

Shire 35

Fuel Filter Head



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

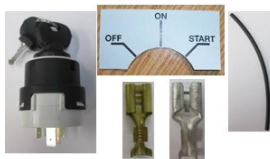
Consumables



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 05 35, Shire 06 35 and Shire 11 35 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
Basic Control Panel – Twin Alternator Engines	RDG207A227	All
Standard Control Panel	RDG20710110	All*
Deluxe Control Panel	RDG20710111	All*
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
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
70A Alternator	RDG5682	Shire 05 35 Shire 06 35
125A Alternator	128990-77250	Shire 35 (from Serial No xx-02663)
150A Alternator (110A / 140A Alternators originally supplied are no longer available)	RDG20110201	All (up to Serial No xx-02662)
240A Alternator	RDG2019682	Shire 35
Starter Motor	SHI0081	All
Stop Solenoid	119653-77950	All



Electric Fuel Pump

RDG504A90

Shire 11 35
Shire 12 35
Shire 14 35
Shire 35



Water Temperature Switch

121250-44901

All



Water Temperature Sender and Switch (only if Deluxe Panel is fitted)

RDG2189446

All



Oil Pressure Sensor

RDG6752

All



Yanmar Oil Pressure Switch

114250-39450

All



Oil Pressure Switch / Sensor (only if Deluxe Panel is fitted)

RDG2189445

All



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 14 35* Shire 35

* If applicable

Gearbox Parts

	Description	Part No.	Model
	Damper Plate for Shire 150 D2	RDG6231	Shire 06 35 Shire 11 35
	Damper Plate for PRM 150 D2	RDG1766	Shire 05 35 Shire 12 35 Shire 14 35 Shire 35
	PRM 150 D2 Gearbox (Unless the optional D3 3:1 Ratio gearbox has been fitted)	RDG1765	All
	Gearbox Oil Cooler (This replaces most previous oil coolers fitted on to engines)	RDG909A19	Shire 05 35* Shire 06 35* Shire 11 35* Shire 12 35* Shire 14 35* Shire 35
	Gearbox Oil Cooler Hose (Long)	RDG5690	All
	Gearbox Oil Cooler Hose (Short)	RDG5295	All
	Gearbox Oil Cooler Water Hose 28mm x 28mm ID	RDG1883	Shire 11 35 Shire 12 35 Shire 14 35 Shire 35
	Gearbox Oil Cooler Water Hose Reducer 35-28mm	RDG3018381	All

*** Modifications may be required for the Oil Cooler to fit which include using RDG3018381 (Gearbox Oil Cooler Water Hose Reducers 35-28mm).**

Pumps



Description	Part No.	Model
Sump Pump 3/4"	RDG2837	All

Thermostat Parts



Description	Part No.	Model
Thermostat (82°)	129457-49801	All
Thermostat (86°)	RDG909A7	All
Thermostat Gasket	129795-49551	Shire 05 35 Shire 06 35 Shire 11 35
Thermostat Gasket	129350-49541	Shire 12 35 Shire 14 35 Shire 35

Header Tank Parts

*** The Shire 05 35 used a different type of Header Tank which is no longer available. If the Header Tank or any of the parts which fit on it require replacement the newer Header Tank would be required.**



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

'E' Kit Parts



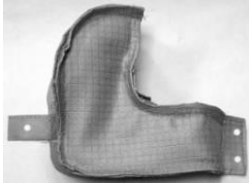
Description	Part No.	Model
3.5kW 'E' Kit Alternator Belt	RDG6076	Shire 06 35 Shire 11 35
3.5kW 'E' Kit Alternator Belt	RDG0047511	Shire 12 35 Shire 14 35 Shire 35
5kW 'E' Kit Alternator Belt	RDG6076	Shire 06 35 Shire 11 35
5kW 'E' Kit Alternator Belt	RDG0047511	Shire 12 35 Shire 14 35 Shire 35

Engine Mount Parts



Description	Part No.	Model
Rear Engine Mount	RDG3033	Shire 12 35 Shire 14 35 Shire 35
Engine Mount Stud Kit (for RDG3033)	RDG1867	Shire 12 35 Shire 14 35 Shire 35
Front Engine Mount & Height Adjuster Kit	RDG5833	All

Exhaust Manifold Blankets



Description	Part No.	Model
Exhaust Blanket	RDG2478	All

Engine Parts: Injectors

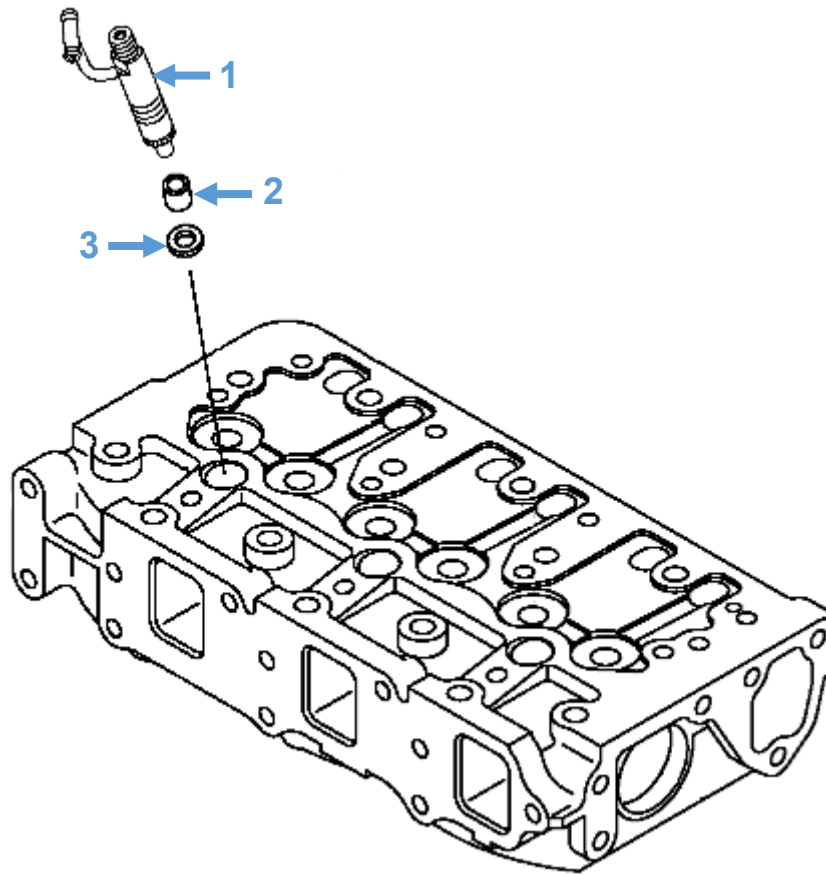


Diagram No.	Description	Part No.	Model
1	Injector	719802-53101	Shire 05 35 Shire 06 35 Shire 11 35
		729008-53100	Shire 12 35 Shire 14 35 Shire 35
2	Injector Protector	119802-11870	All
3	Injector Seat	119625-11880	All

Engine Parts: Fuel Injection Pump

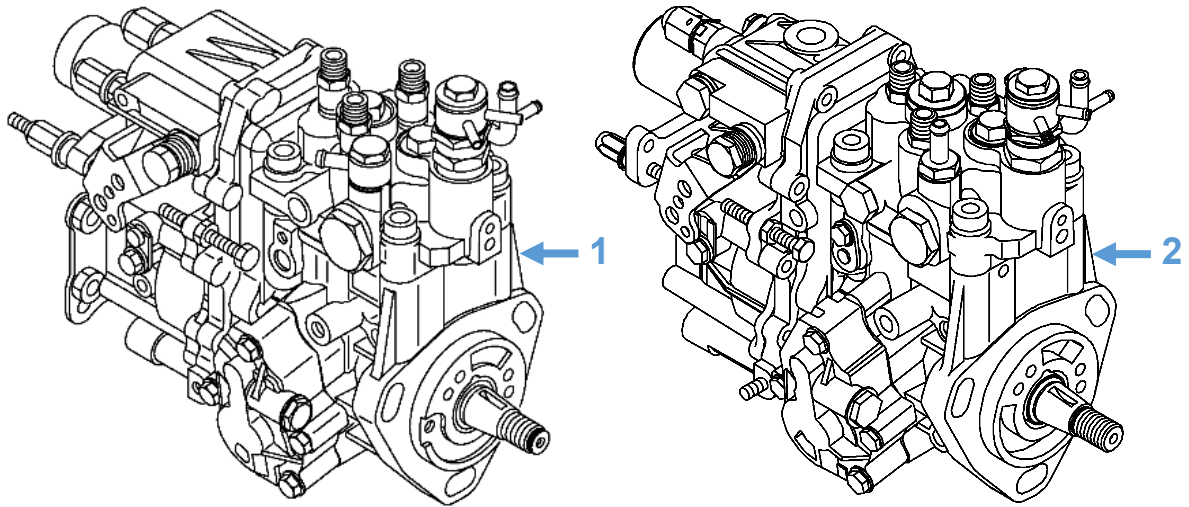


Diagram No.	Description	Part No.	Model
1	Fuel Injection Pump	719802-51310	Shire 05 35 Shire 06 35 Shire 11 35
2	Fuel Injection Pump	719933-51301	Shire 12 35 Shire 14 35 Shire 35

Engine Parts: Rocker Cover Gasket & Oil Cap

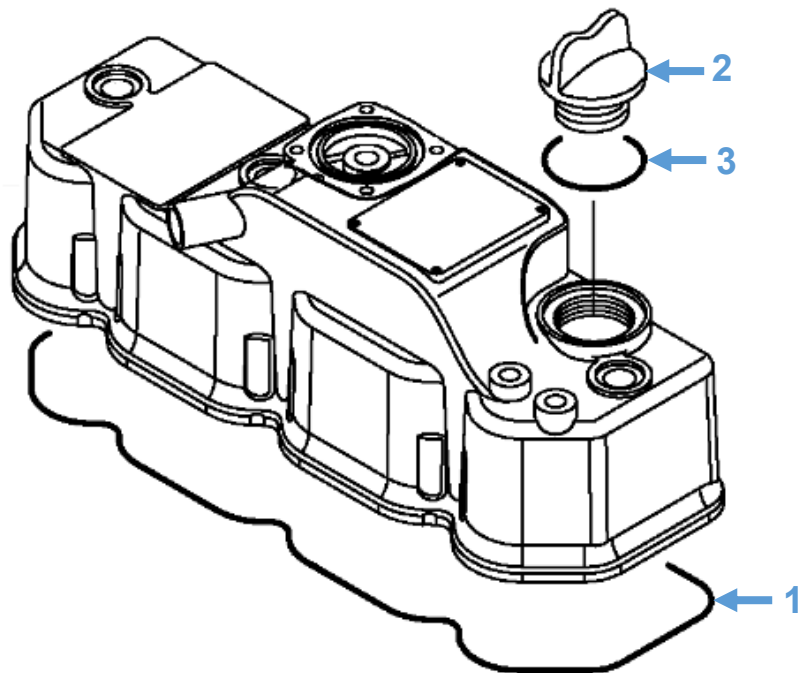


Diagram No.	Description	Part No.	Model
1	Rocker Cover Gasket	119802-11310	All
2	Oil Cap	124160-01751	All
3	Oil Cap O-Ring	24311-000320	All

Engine Parts: Cylinder Head Gasket

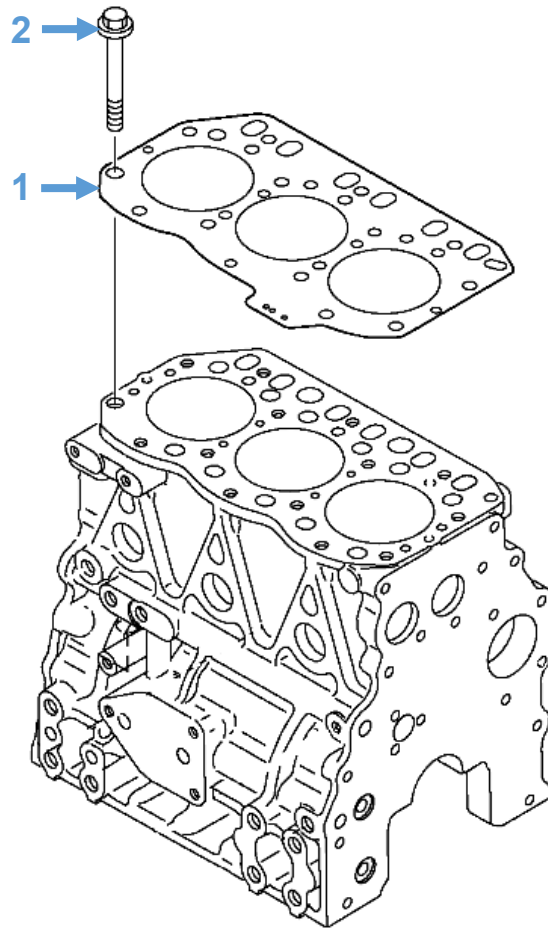
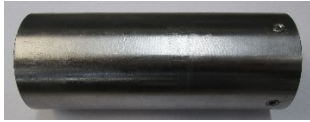


Diagram No.	Description	Part No.	Model
1	Cylinder Head Gasket	119812-01330	All
2	Cylinder Head Bolt	119810-01200	All

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: Propellers



Description	Part No.	Model
16" x 9" 3 Blade Propeller	16X93PB	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 <i>(Servicing, Repairs & Breakdowns only)</i>	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	Foxtan Boat Services Ltd	01162 792285	foxtanboats@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