

# STUART

## 10 B.H.P. MARINE ENGINES

(Types P66, P66R, P66C, P66D, P66RD, P66CD)

### SPARE PARTS

*When ordering spares ALWAYS quote the full Engine Number as well as the Spares Part Number and Description. Give address very clearly. Cash with order unless approved ledger account has been opened. We can send C.O.D. if preferred.*

STUART TURNER LTD.  
HENLEY - ON - THAMES  
OXON, RG9 2AD

Tel: 2655  
(049-12 2655)

Telex:  
847093

Telegrams: STUART  
Henley-on-Thames

### CYLINDER GROUP

£	Ref.	Part No.	Description
97-62	A2	40450	Cylinder Block—Bare
32-84	A4	40452	Cylinder Head
4-28		4959 set	Cylinder Stud, Short (4)
4-28		5227 set	Cylinder Stud, Long (4)
0-67		03617 set	Cylinder Head Studs (5)
0-46	A10	3513 each	Cylinder Head Nut (13)
0-38		2990	Water Drain Plug (on Expansion Chamber)
0-96		6775	Water Jacket Cover
1-48		6776	Water Jacket Cover Dog and Screws
20-00	R5	10457	Expansion Chamber Cover
0-28		4189 each	Expansion Chamber Cover Nuts (8)
0-22		2988	Expansion Chamber Drain Plug and Washer
12-96		6035	Exhaust Outlet
4-30		5165	Exhaust Outlet Cover
1-15		8853 set	Exhaust Outlet Studs (3)
0-28		4189 each	Exhaust Outlet Nuts (3)

### THERMOSTAT GROUP

£	Ref.	Part No.	Description
2-92	R6	13620B	Thermostat
9-62	R9	21317	Thermostat Cover
0-14	R10	14802	Thermostat Cork Joint
0-78	R11	4224	Valve
1-20	R13	12134	Valve Cap
4-62	R16	21674F	Water Pipe
4-90	R17	12768 each	Banjo Bolts (2)
0-12	R18	10617 pair	Banjo Bolt Washers (2)
2-62	R19	15008 each	Banjo (2)

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**CRANKSHAFT AND PISTON GROUP**

Ref.	Part No.	Description	£
B1	40416 each	Piston with Gudgeon Pin, Rings and Circlips (2) (Oversize pistons +010", +020", +030")	21-80
B2	20566 each	Gudgeon Pin (2)	1-04
B3	3225 each	Gudgeon Pin Circlips (2 per piston)	1-80
B4	3738 pair	Connecting Rod with Race and Bush fitted (2)	0-12
B5	21650 each	Gudgeon Pin Bush (2)	14-60
B6	3220B each	Connecting Rod Outer Race (2)	3-64
B7	14724 each	Connecting Rod Rollers in Cage (2)	2-46
B8	14723 set	Crankpin with Inner Race and Nuts (2)	2-46
B9	14861 each	Crankpin Nut (2 per Crankpin)	10-96
B10	5235 each	Crankpin Assembly Complete (B7, B8, B9)	2-08
B11	5040b each	Crankshaft, Flywheel End	20-00
B12	2237	Crankshaft, Driving End	33-32
B13	3598	Crankshaft, Centre Section	28-46
B14	3973	Crankshaft Centre Bearing	78-84
B15	1456F	Main Bearing (2)	25-16
B16	M11½ each	Compression Seal Sleeve (short)	8-85
B17	14752B	Compression Seal Sleeve (long)	2-68
B18	14752D	Compression Seal (2)	2-68
B19	14815 each	Crankcase Complete (assembled)	1-40
B20		Crankcase Clamping Stud and Nut, 8in (2)	
C4	14862	Crankcase Clamping Stud and Nut, 7½in.	240-07
0-40	3983 pair	Crankcase Clamping Stud and Nut, 1½in.	0-40
0-24	3894 pair	Crankcase Clamping Stud and Nut, 1½in.	0-24
0-27	02511 pair	Crankcase Clamping Stud and Nut, 1½in.	0-27
0-22	02502 set	Crankcase Set Screws (6)	0-22
0-16	7765 pair	Crankcase Drain Plug and Washer	0-16
C11	3833	Crankcase Gauze Plug (2)	46-84
C13	14751	Flywheel Collet	10-32
C14	2215	Flywheel Key	0-14
C15	2239	Flywheel Nut	2-86
C18	3817	Dipstick	2-50
C19	4335	Sprocket, Magneto or Cam Drive	4-10
C24	M11	Sprocket Dowel	10-28
C25	3600	Ball Bearing Distance Piece	5-70
C27	1620	Ball Bearing Housing	4-92
0-08	02400 pair	Ball Bearing Housing Screws and Washers (2)	0-08
0-05	9624/5 each	Ball Bearing Shim (where fitted)	0-05

**CRANKCASE AND FLYWHEEL GROUP**

Ref.	Part No.	Description	£
D2	3495	CONTACT BREAKER CAM DRIVE	2-10
D6	3610a	Drive Shaft Chain	13-56
D7	3690	Drive Shaft with Pinion, Dowel and Sprocket	5-50
D8	3612	Drive Shaft Sprocket	0-06
D9	K1NJ½	Sprocket Circlip	3-13
D11	12270	Ball Bearing (2)	0-06
D13	4241	Ball Bearing Circlip	0-68
		Oil Seal	

**MAGNETO GROUP**

Ref.	Part No.	Description	£
D12	30606	Magneto Bracket	17-26
D15	40418	Magneto, Impulse Starting, Clockwise	51-90
D18	20626	Coupling Disc	1-34
D19	10880	Coupling (on Drive Shaft)	2-60
D20	02400	Coupling Screw and Washer	0-06
D21	14763D	Magneto Strap	1-50
D22	14760	Magneto Strap Stud and Locknut	0-20
D23	14761	Magneto Strap Sleeve Nut	0-40
D24	8332 set	Magneto Dowels (4)	0-99
D25	14866 each	Spark Plug, 14mm. (2)	0-63
	12317D each	Spark Plug Cover with Suppressor (2)	0-44

**MAGNETO GROUP—Continued.**

Ref.	Part No.	Description	£
D24	14866 each	H.T. Leads with Cable End Clips (2)	0-63
D35	PO152 each	H.T. Lead Clips with Grommet (2)	0-44
D30	10494A each	Magneto Earthing Switch and Shroud	13-77
D31	4171a	Magneto Earthing Switch Wire, 4ft.	7-70
D32	4894	Magneto Earthing Switch Wire, 4ft.	0-05
D33		<b>COIL IGNITION GROUP</b>	
D34	14866 each	Spark Plug, 14mm. (2)	0-08
D35	12317B each	Spark Plug Cover with Suppressor (2)	2-16
D36	21424F	Contact Breaker Assembly on Baseplate	0-18
D37	14052	Contact Breaker Cam	0-06
D38	07402	Contact Breaker Cam Screw and Washer	1-34
D39	373004 pair	Contact Breaker Plate Screws (2)	7-10
D40	21429	Contact Breaker Housing	0-06
D41	14051	Contact Breaker Housing Cover	2-40
D42	37302 set	Cover Screws (3)	0-06
D43	11816F	Grommet	0-28
D44	14053	Grommet Carrier	0-05
D45	21735 each	Ignition Coil (2)	0-16
D46	02400 set	Coil Fixing Screws, Nuts and Washers (2)	
D47	14952	Coil Bracket	
D48	14895	Cable Clip	
D49	PO152 each	H.T. Leads with Cable End Clips (2)	
D50	13666/K/L	Push-on Terminal and Shroud	
D51	15033 each	H.T. Lead Protector (2)	

**DYNASTART GROUP (where fitted)**

Ref.	Part No.	Description	£
D52	14597	Dynastart	82-34
D53	14585	Pulley	1-80
D54	54050	Pulley Key	0-06
D55	14592B	Pivot Stud, with Nuts and Washers	0-79
D56	14592D	Adjuster Stud, with Nuts and Washers	0-79
D57	14591	Adjuster Collar	1-64
D58	02504	Rear Bracket Screw, with Nuts and Washer	0-06
D59	21624	Forward Mounting Bracket	0-75
D60	14586	Rear Mounting Bracket	1-38
D61	14590	Adjuster Bracket	0-50
D62	14589	Adjuster Arm	0-54
D63	02500	Adjuster Bracket Screw and Washer	0-06
D64	15364 each	Sleeve Nut, Mounting Bracket (3)	0-66
D65	14593	Sleeve Nut, Adjuster Bracket	0-44
D66	14595	Vec Belt	5-20
D67	21627	Guard	5-20
D68	12048	Nipple, ½in. B.S.P.	0-35
D69	14365	Elbow, ½in. B.S.P.	1-10
D70	14304	Control Box	24-70
D71	14914 each	Wiring Cable Terminals, ⅝in. (7)	0-07
D72	13666G	Battery Cable Terminal, ½in.	0-14
D73	14601	Cable Harness	2-89
D74	15110	Fuse Holder	1-25
D75	15111	Fuse, 35 Amp.	0-50

**SWITCH PANEL GROUP (where Dynastart is fitted)**

Ref.	Part No.	Description	£
D76	21734A	Switch Panel with Switches fitted (Coil Ignition)	12-84
D77	21734B	Switch Panel with Switches fitted (Magneto Ignition)	9-76
D78	21734	Switch Panel	1-44
D79	14995	Charge/Run/Off Switch with Sealing Nut (Coil Ignition)	2-10
D80	9519B	Charge/Off Switch with Sealing Nut (Magneto Ignition)	1-26
D81	4171	Push Type Stop Switch with Shroud (Magneto Ignition)	3-47
D82	31071A	Push Type Start Switch with Shroud (Coil Ignition)	3-47
D83	14077	Warning Light (Coil Ignition)	5-71
D84	14997 each	Terminal Tags 5BA (6)	0-02

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## OPTIONAL ITEMS FOR SEPARATE MOUNTING

Ref.	Part No.	Description	£
2-25	14078	On/Off Key-operated Switch	6-70
5-80	015/F45	Ammeter, 0/15 Amps.	2-42
<b>CARBURETTOR AND THROTTLE CONTROLS GROUP</b>			
G1	No longer available	Carburettor with Air-Silencer and Drip Tray (Solex FHDL)	2-26
G2	21116	Drip Tray	0-07
G3	11904B	Drip Tray Drain Plug and Washer	0-06
G4	15510	Air Silencer	1-74
G5	13429B	Air Silencer Screw, Long	4-08
G6	13429D	Air Silencer Screw, Short	2-80
G7	14764	Strangler	0-06
G8	21724	Strangler Flange and Bracket	13-02
G9	14820	Strangler Spring	0-34
	11587	Petrol Tap with Banjo	1-36
G11	14059B	Throttle Spindle Lever	0-24
G25	14975	Throttle Cable Bracket and Screw	0-28
G26	14973	Throttle Cable Swivel and Screw	8-91
G27	023006 each	Throttle Bracket Fixing Screws	1-74
G28	21726B	Throttle Lever and Cable Complete (6ft.)	0-11
	21726D	Throttle Lever and Cable Complete (10ft.)	13-12
G29	14967	Throttle Outer Cable End Cap	41-20
G30	14965D	Throttle Inner Cable Spring	18-26
G31	14758A	Throttle Cable Clamp Complete	6-24
G32	11730E	Throttle Return Spring	12-70
G33	14966	Throttle Return Spring Bracket	0-06
G34	14868B	Choke Control and Cable Complete (6ft.)	7-85
G34	14868D	Choke Control and Cable Complete (10ft.)	0-08
G35	15061 each	Rubber Gaiter for Cable Controls (2)	0-08

## WATER PUMP GROUP

E8	12566	Water Pump Complete	57-84
J8	6839	Pump Gear Cover	0-40
E9	8595	Pump Gear Cover (Petrol Pump fitted)	0-42
E10	3611	Cover Locating Collar	L4
	8594	Pump Body or	L5
E11	8587	Pump Body (Petrol Pump fitted)	L6
E12	4238	Gear Wheel	L7
E12	4356	Gear Wheel Nut and Washers	L8
E14	14599	Pump Shaft with Collar or	L9
18-26	14604	Pump Shaft with Collar (Petrol Pump fitted)	
E15	1498	Banjo Link with Bush	0-90
E16	7143	Banjo Link Bush	0-90
E17	KLNJ1	Banjo Link Ball Bearing	L11
E19	2345	Ball Bearing Inner Washer	L12
E20	2346	Ball Bearing Fixing Screw	L13
E21	12137	Ball Bearing Grease Cap	L14
E22	37300 set	Ball Bearing Grease Cap Screws (3)	L15
E23	3976	Plunger	L16
E24	3977	Plunger Pin and Split Pins	L17
E25	1499	Gland Nut	L18
E26	4254/28	Gland Packing	L19
E27	4224 each	Valve (2)	L20
E28	1603 each	Valve Cap (2)	L21
E30	4316	Union Body, 1/2 in.	L22
E30	21674D	Water Pipe to Exhaust Cover with Nuts and Olives	L23

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## OVERHEAD STARTING GROUP

Ref.	Part No.	Description	£
H1	20981A	Starting Handle	6-70
H5	14772D	Shaft	2-42
	21602	Bearing Bracket at Forward End	2-26
	9925 each	Bearing Bracket Nuts (2)	0-36
	02408	Bearing Adjusting Screw and Nut	0-07
	14829	Shaft Washer	0-06
	5866B	Shaft Circlip	0-12
	14562	Bearing Bracket at Aft End	1-74
H13	3746	Chain	4-08
H14	11943	Chain Wheel	2-80
	30284G	Chain Wheel Pin	0-06
H16	1636	Lower Sprocket	13-02
H17	5143	Lower Sprocket Retaining Washer	0-34
H18	3711 each	Pawl on Flywheel (2)	1-36
H19	3832 pair	Pawl Springs (2)	0-24
H20	3710 pair	Pawl Stud and Nut (2)	0-28
<b>PETROL PUMP GROUP (where fitted)</b>			
J5	8619	Petrol Pump with Unions	8-91
J6	13031	Petrol Pump Diaphragm	1-74
J8	03503 pair	Petrol Pump Studs and Nuts (2)	0-11
	8595	Water Pump Gear Cover (replaces Cover 6839)	13-12
	8587	Water Pump Body (replaces Body 8594)	41-20
J11	14604	Water Pump Shaft (replaces Shaft 14599)	18-26
J12	8586	Push Rod	6-24
J13	6904	Push Rod Guide	12-70
	02401 set	Push Rod Guide Fixing Screws (3)	0-06
J16	8722	Petrol Pipe with Unions	7-85
S29	8857	Petrol Pump Joint	0-08
S31	8692	Petrol Pump Push Rod Guide Joint	0-08

## REVERSE GEARBOX GROUP

L1	40425B	Gearbox Case with Foot	57-84
L2	15021 set	Gearbox Case Fixing Screws (6)	0-40
	11904E	Oil Filler Plug and Washer	0-42
L4	2988	Oil Drain Plug and Washer	L4
L5	1336	Forward Cone	L5
L6	54090	Forward Cone Key	L6
L7	3488	Forward Cone Nut	L7
L8	1195	Clutch Body	L8
L9	3807	Pinion Housing with Distance Piece	L9
	13338 set	Pinion Housing Bolts and Nuts (3)	0-90
L11	3606	Sun Wheel with Splined Sleeve	L11
L12	9458	Split Bush	L12
L13	54030	Split Bush Key	L13
L14	FT14	Thrust Bearing	L14
L15	3483 each	Planet Pinion (6)	L15
L16	3485	Reverse Gear Shaft	L16
L17	3484	Floating Bush	L17
L18	LJT7 each	Ball Bearings (2)	L18
L19	3489	Ball Bearings Distance Sleeve	L19
L20	3490 each	Ball Bearing Washer (2)	L20
L21	20707B	Coupling on Engine	L21
L22	4284	Coupling Key	L22
L23	00900	Coupling Nut and Washer	L23
L24	6021	Operating Sleeve	L24
L25	7252 set	Operating Sleeve Spring (18)	L25
L26	12493	Operating Sleeve Guide Screw	L26
L27	5869	Oil Seal	L27

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### REVERSE GEAR CONTROL (TRAM-HANDLE TYPE)

Ref.	Part No.	£	Description
L28	30668	14.46	Control Column
L29	13405	0.25	Control Column Cover
L30	11820	0.12	Control Column Oiler
L31	5866B	0.13	Control Column Circlip
L32	21678	13.52	Control Shaft with Roller and Pin
L33	12494	0.18	Control Shaft Roller
L34	8193	6.36	Locking Plunger
L35	5195	0.22	Locking Plunger Spring
L36	8264	0.08	Locking Plunger Disc
L37	8422	0.06	Locking Plunger Circlip
L40	6394A	11.68	Control Handle, complete
L41	14922	0.42	Control Handle Ball
L42	12585	0.15	Control Handle Ball Screw
L51	14781	2.64	Gearbox Foot
L52	5075 set	0.30	Gearbox Foot Fixing Screws (4)
L53	8332	0.66	Adjusting Peg
L54	14789D	1.36	Adjuster

### REVERSE GEAR CONTROL (FORE AND AFT TYPE)

Ref.	Part No.	£	Description
L55	30661	24.16	Gear Control Housing
L56	14786	0.48	Housing Screws and Washers (4)
L57	07400 set	5.70	Control Housing Cover
L58	21670	0.12	Cover Fixing Screws (4)
L59	13950 each	14.80	Operating Arm
L60	12091 each	1.88	Rollers for Operating Arm and Die (4)
L61	11892 each	0.45	Pins and Split Pins for Arm Rollers (2)
L62	14780 each	0.10	Operating Arm Springs (2)
L63	13633 each	3.66	Operating Arm Caps (2)
L64	21042E	0.08	Operating Arm Cap Screws (6)
L65	12747 each	11.78	Reverse Cross Shaft
L66	14777	12.747	Cross Shaft Sealing Rings (2)
L67	14774 each	14.04	Operating Die
L68	13517	0.28	Pins and Split Pins for Die Rollers (2)
L69	12748	9.62	Cross Shaft Collar
L70	12365E	0.32	Cross Shaft Washer
L71	14775	2.34	Cross Shaft Self-Locking Nut
L72	14789B	0.65	Limit Pin
L73	8332	0.66	Adjuster
L74	12094B	3.75	Adjuster Peg
L75	14055	0.42	Gear Lever Knob
L76	12175	0.20	Gear Lever Cotter and Nut

### CENTRIFUGAL CLUTCH GROUP

Ref.	Part No.	£	Description
O1	3477	43.90	Driving End Crankshaft
O2	40055	17.26	Chaincase Cover with Magneto Platform (Magneto Ignition)
O3	00900	0.14	Crankshaft Nut and Washer
O4	6392	46.20	Clutch Backplate
O5	14081	0.12	Clutch Backplate Key
O6	6397 each	9.66	Clutch Shoe (3)
O7	5834 each	5.12	Clutch Shoe Pin (3)
O8	7596 set	0.14	Clutch Shoe Spring (6)
O9	5836 each	2.30	Clutch Spring Anchor Pin (6)
O10	6389	40.00	Drum with Lining fitted
O11	5993	2.38	Lining and Rivets
O12	MJ#	5.99	Ball Bearing
O13	11778	3.24	Bridge with Screws and Washers (Magneto Ignition)
O14	21709	1.45	Bracket with Screws (Coil Ignition)
O15	20642	1.90	Brake Shoe, with Spindle and Wing Nut
O16	21671	17.26	Chaincase Cover (Coil Ignition)

### REDUCTION GEARBOX GROUP

Ref.	Part No.	£	Description
M1	40427B	82.72	Reverse/Reduction Gearbox Case
M2	1483	16.26	Reduction Gear Case
M3	12434	0.35	End Cap
M4	4243	0.36	Reverse Gear Shaft Washer
M5	00900	0.14	Reverse Gear Shaft Nut and Washer
M6	12233	10.84	Reduction Pinion Wheel
M7	13231 each	5.56	Reduction Pinion Collar (2)
M8	4284	0.13	Pinion Wheel and Coupling Key
M9	LJ#	4.61	Ball Bearing
M10	5177	0.16	Ball Bearing Circlip
M11	3902	47.07	Driven Shaft with Locknut
M12	2239	2.86	Driven Shaft Nut
M13	3998	2.40	Driven Shaft Distance Sleeve
M14	LJT1 each	8.37	Ball Bearing (2)
M15	12235	23.12	Reduction Gear Wheel
M16	4268	0.80	Oil Seal
M17	20707D	24.88	Coupling on Engine
M18	11904D	0.22	Drain Plug and Washer
M19	9624	0.05	Driven Shaft Shim Washer .010 (where fitted)
	9625	0.05	Driven Shaft Shim Washer .005 (where fitted)

### JOINTS

Ref.	Part No.	£	Description
S6	4365	3.15	Complete Set of Joints
S8	21623	1.32	Cylinder Head
S9	4935	0.07	Cylinder Base
S10	7764	0.14	Water Jacket Cover
S11	4930 each	0.07	Exhaust Outlet (2)
S12	4936	0.28	Expansion Chamber
S13	7513	0.07	Carburettor Flange
S15	5809	0.07	Reverse Gear Case
S16	5808	0.07	Magneto Platform or Contact Breaker Housing
S19	8486	0.07	Water Pump Gear Cover
S20	7079	0.14	Water Pump Body
S22	14787	0.07	Control Column (or Housing)
S28	5783	0.14	Reduction Gear Case
S34	14802	0.14	Thermostat
S36	13866	0.14	Thermostat Cover

## STERN GEAR P66

Part No.	Description
1-06	Prop. Nut and Pin
0-25	Prop. Key
1-34	Inb. Brg. Locknut
2-44	Gland Nut
2-00	Gland Ring
0-25	Gland Pkg.
0-81	Lubricator
1-70	Out. Brg. Liner
13-10	20705D
0-30	Cplg. Key
0-16	Grub Screw
0-39	01504 set

## STERN GEAR P66R

Part No.	Description
1-92	Prop. Nut and Pin
0-36	Prop. Key
1-34	Inb. Brg. Locknut
2-44	Gland Nut
1-94	Gland Ring
0-25	Gland Pkg.
0-81	Lubricator
1-70	Out. Brg. Liner
13-10	20705E
0-30	Cplg. Key
0-16	Grub Screw
0-39	01504 set

## ENGINE TRAY

18-88	Tray complete
6-16	Fly Trough
0-40	Coach Screw

## SUNDRIES

1-27	Funnel
0-40	Oil Measure
1-86	Green Enamel, approx. 250 ml.

## EXHAUST SYSTEM

Part No.	Description
2-54	1 1/2 in. Union Nut
2-29	1 in. Union Nut
1-495	Skin. Fitt. Washer
0-40	Skin. Fitt. Nut
1-02	Skin. Fitt. Nut

## WATER SYSTEM

1-35	Seacock Strainer
1-29	Seacock Cap
3-96	Seacock Scoop
0-81	Set Studs and Nuts
0-71	Union Nut
0-36	Olive
0-33	Skin Fitt. Washer
0-66	Skin Fitt. Nut
5-75	Blige Strainer
1-50	Hose, 3ft.
0-30	Pr. Hose Clips
0-36	Hose Union

## FUEL SYSTEM

2-70	5ft. Pet. Pipe
1-62	Filler Cap and Chain
10-75	7555b/ 15161a
0-12	Tap and Filter
2-42	Inlet Extension
5-00	Carb. Tap
	3-way Tap

## TOOLS

0-88	Spanner, 3/4 in.
1-32	Spanner, 1/2 in.
1-86	Spanner, 1/4 in.
0-66	Box Spanner
0-16	Key
0-96	Valve Cap Spanner
81-78	Overhaul Kit
2199M	Box Spanner
1-32	Ring Spanner
1-52	Ring Spanner
1-94	7791
19-50	6415b
1-28	5287
36-12	6871a