

FUEL PUMP AND FUEL PUMP MOTION WORK—Section 10

Part No.	Description	Plate No.	Part No.	Description
10/1	Fuel Pump—2 Point, fitted with 10/6 to 10/12, 10/119, 10/170, 10/171 (Supplied only with 10/2 and 10/174)	For the Fuel Pump Spare Parts see the Supplementary Catalogue	24	10/7 Pump Body Plug Washer
	5L3 P. & S. Cylinders Nos. 4 & 5			10/8 Steady Peg, $\frac{3}{16}$ " diam. \times $\frac{1}{2}$ " long, for 10/1, 10/2, 10/3, 10/4, 10/5
10/2	Fuel Pump—3 Point, fitted with 10/6 to 10/9, 10/16 to 10/18, 10/119, 10/127, (10/167 and 10/169 for Port Engines only) (Supplied only with 10/172 for 3L3) (Supplied only with 10/1 and 10/174 for 5L3) (Supplied only with 10/3 and 10/175 for 6L3)			10/9 Fuel Pump Pipe Connection Screw, fitted with 10/119
	3L3 P. & S. Cylinders Nos. 1, 2 & 3			10/10 Pump Rack Connecting Link (1 Pair), fitted with 10/11
	5L3 P. & S. " " 1, 2 & 3			10/11 Pump Rack Pin, fitted with 10/12
	6L3 P. & S. " " 1, 2 & 3			10/12 Split Pin, $\frac{5}{16}$ " diam. \times $\frac{1}{2}$ " long
10/3	Fuel Pump—3 Point, fitted with 10/6 to 10/12, 10/119, 10/170, 10/171 (Supplied only with 10/2 & 10/175)		10/13 Fuel Control Box—3 Point, fitted with 10/15, 10/20, 10/114, 10/181	
	6L3 P. & S. Cylinders Nos. 4, 5 & 6		10/14 Fuel Control Box—4 Point, fitted with 10/15, 10/20, 10/114, 10/181	
10/4	Fuel Pump—4 Point, fitted with 10/6 to 10/9, 10/16 to 10/18, 10/119, 10/128, (10/168 and 10/169 for Port Engines only) (Supplied only with 10/173 for 4L3) (Supplied only with 10/5 and 10/176 for 8L3)		10/15 Steady Peg, $\frac{3}{16}$ " diam. \times $\frac{11}{16}$ " long	
	4L3 P. & S. Cylinders Nos. 1, 2, 3 & 4		10/16 Stud, OB.A. \times $1\frac{11}{16}$ " long, fitted with 10/17, 10/18	
	8L3 P. & S. " " 1, 2, 3 & 4		10/17 Nut, Steel, OB.A.	
10/5	Fuel Pump—4 Point, fitted with 10/6 to 10/12, 10/119, 10/170, 10/171 (Supplied only with 10/4 and 10/176 for 8L3)		10/18 Spring Washer, OB.A.	
	8L3 P. & S. Cylinders Nos. 5, 6, 7 & 8		10/19 Fuel Control Trigger	
10/6	Pump Body Plug, fitted with 10/7		10/20 Fuel Control Trigger Pin	
			10/21 Fuel Control Shaft Stop, fitted with 10/22, 10/23	
			10/22 Nut, Steel, OB.A.	
			10/23 Split Pin, $\frac{5}{16}$ " diam. \times $\frac{1}{2}$ " long	

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FUEL PUMP AND FUEL PUMP MOTION WORK—Section 10

Plate No.	Part No.	Description	Plate No.	Part No.	Description
24	10/24	Control Plunger, supplied only fitted with 10/25, 10/26	24	10/39	Fuel Pump Camshaft—Gear Half, fitted with 10/41, 10/42, 10/105, 10/106 } ... 4L3, 5L3
	10/25	Control Plunger Knob, supplied only fitted with 10/24, 10/26		10/40	Fuel Pump Camshaft—Gear Half, fitted with 10/41, 10/42, 10/105, 10/106 } ...
	10/26	Split Pin, $\frac{5}{8}$ " diam. \times $\frac{5}{8}$ " long		10/41	Fuel Pump Camshaft Gear Stop Ring
	10/27	Control Plunger Spring		10/42	Feather Key, $\frac{1}{4}$ " Sq. \times $1\frac{1}{4}$ " long } ... 4L3, 5L3, 6L3, 7L3, 8L3
	10/28	Control Box Plug		10/43	Feather Key, $\frac{1}{4}$ " Sq. \times $2\frac{1}{4}$ " long }
	10/29	Fuel Control Spring Post		10/44	Fuel Pump Camshaft Gear Body
	10/30	Fuel Pump Control Rod Spring 3L3, 5L3, 6L3		10/45	Fuel Pump Camshaft Gear Ring—Port, fitted with 10/48 (Supplied only with No. 3/40. Hand of Engine and Direction of Rotation must be specified)
	10/31	Fuel Pump Control Rod Spring 4L3, 8L3		10/46	Fuel Pump Camshaft Gear Ring—Starboard, fitted with 10/48 (Supplied only with Part No. 3/40. Hand of Engine and Direction of Rotation must be specified)
	10/32	Fuel Pump Camshaft, fitted with 10/41, 10/52 3L3 Port		10/47	Fuel Pump Camshaft Gear Screw
	10/33	Fuel Pump Camshaft, fitted with 10/41, 10/52 3L3 Starboard		10/48	Steady Peg, $\frac{5}{16}$ " diam. \times $\frac{3}{4}$ " long
	10/34	Fuel Pump Camshaft—Box Half, fitted with 10/43, 10/52, 10/102 to 10/104 } 4L3 Port and Starboard		10/49	Fuel Pump Cam, fitted with 10/50
	10/35	Fuel Pump Camshaft—Box Half, fitted with 10/43, 10/52, 10/102 to 10/104 } 5L3 Port		10/50	Setscrew, Sq. Head, Pointed, $\frac{5}{16}$ "—28 Thds. \times $\frac{7}{16}$ " long
	10/36	Fuel Pump Camshaft—Box Half, fitted with 10/43, 10/52, 10/102 to 10/104 } 5L3 Starboard		10/51	Lubricating Pump Driving Gear (Supplied only with Part No. 12/20)
	10/37	Fuel Pump Camshaft—Box Half, fitted with 10/43, 10/52, 10/102 to 10/104 } 6L3 Starboard	24, 25	10/52	Woodruff Key
	10/38	Fuel Pump Camshaft—Box Half, fitted with 10/43, 10/52, 10/102 to 10/104 } 8L3 Port and Starboard		10/53	Fuel Pump Cam Box—"A"—2 Point, fitted with 10/68 to 10/73 } 5L3 Port Cylinders Nos.
				10/54	Fuel Pump Cam Box—"B"—2 Point, fitted with 10/65 to 10/73 } 5L3 Starboard Cylinders Nos.

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FUEL PUMP AND FUEL PUMP MOTION WORK—Section 10

Part No.	Description	Plate No	Part No.	Description
10/55	Fuel Pump Cam Box—"C"—3 Point, fitted with 10/29, 10/68 to 10/73, 10/77 to 10/79	24	10/72	Plug, Hex. Head, $\frac{1}{4}$ " Gas $\times \frac{3}{8}$ " $\times \frac{3}{8}$ " Hex., fitted with 10/73
10/56	Fuel Pump Cam Box—"D"—3 Point, fitted with 10/29, 10/68 to 10/73, 10/77 to 10/79		10/73	Packing, Circular, $1" \times \frac{1}{2}" \times \frac{1}{8}"$
10/57	Fuel Pump Cam Box Distance Piece		10/74	Fuel Pump Camshaft Ball Bearing Mount
10/58	Fuel Pump Cam Box Distance Piece		10/75	Ball Journal Bearing
10/59	Spring Post		10/76	Fuel Pump Camshaft Bearing Plate, fitted with 10/77 to 10/79 10/192
10/60	Ball Journal Bearing		10/77	Stud, $\frac{5}{16}"$ Wh. $\times 1\frac{1}{8}"$ long, fitted with 10/78, 10/79
10/61	Ball Journal Bearing Distance Collar		10/78	Nut, Steel, $\frac{5}{16}"$ Wh. $\times \frac{5}{16}" \times \frac{1}{4}"$ Hex.
10/62	Stud, $\frac{5}{16}"$ Wh. $\times 3\frac{7}{8}"$ long, fitted with 10/64		10/79	Spring Washer, $\frac{5}{16}"$ diam.
10/63	Bolt, Hex. Head, $\frac{5}{16}"$ Wh. $\times 3\frac{5}{8}"$ long $\times \frac{5}{16}"$ Hex., fitted with 10/64 . . <small>(Superseded by 10/82, which will be supplied for replacements)</small>		10/80	Fuel Pump Cam Box End Plate—with Foot, fitted with 10/81, 10/82, 10/193 (and 10/59 for 4L3, 5L3, 6L3 Automotive Engines) (See 10/187 for 8L3 Engine)
10/64	Nut, Steel, $\frac{5}{16}"$ Wh. $\times \frac{5}{16}" \times \frac{5}{16}"$ Hex., for 10/62, 10/63, 10/118, 10/141		10/81	Stud, $\frac{5}{16}"$ Wh. $\times 1\frac{3}{16}"$ long, fitted with 10/82
10/65	Flange, Oval, Cast Iron, Blank, $2\frac{1}{2}"$ centres $\times 2\frac{3}{8}"$ wide, fitted with 10/66		10/82	Nut, Steel, $\frac{5}{16}"$ Wh. $\times \frac{5}{16}" \times \frac{5}{16}"$ Hex.
10/66	Packing, Oval, $2\frac{1}{2}"$ centres $\times 2\frac{3}{8}"$ wide		10/83	Ball Journal Bearing
10/67	Setscrew, Hex. Head, $\frac{5}{16}"$ Wh. $\times \frac{7}{8}"$ long $\times \frac{1}{4}"$ Hex.		10/84	Setscrew, Hex. Head, $\frac{3}{8}"$ Wh. $\times 2"$ long $\times \frac{3}{8}"$ Hex.
10/68	Fuel Pump Cam Box Cover		10/85	Setscrew, Hex. Head, $\frac{3}{8}"$ Wh. $\times 3\frac{1}{8}"$ long $\times \frac{3}{8}"$ Hex.
10/69	Setscrew, Hex. Head, O.B.A. $\times \frac{1}{2}"$ long		10/86	Fuel Pump Cam Box End Plate—Governor End
10/70	Stud, $\frac{7}{16}"$ Wh. $\times 2\frac{5}{8}"$ long, fitted with 10/29 or 10/71		10/87	Ball Journal Bearing
10/71	Nut, Steel, $\frac{7}{16}"$ Wh. $\times \frac{3}{8}" \times \frac{3}{8}"$ Hex.		10/88	Fuel Pump Tappet, fitted with 10/89 to 10/92 — Superseded

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Plate No.	Part No.	Description		Plate No.	Part No.	Description	
24	10/89	Fuel Pump Tappet Roller		24	10/106	Setscrew, Sq. Head, Pointed, $\frac{3}{8}$ "—24 Thds. $\times \frac{9}{16}$ " long	
	10/90	Fuel Pump Tappet Roller Pin			10/107	Grease Cup	
	10/91	Fuel Pump Tappet Screw, fitted with 10/92			10/108	Damper Plate, fitted with 10/107	
	10/92	Nut, Steel, $\frac{3}{8}$ "—24 Thds. $\times \frac{1}{4}$ " $\times \frac{5}{16}$ " Hex.			10/109	Damper Friction Washer	
	10/93	Fuel Pump Charging Lever Bracket			10/110	Damper Ring	
	10/94	Setscrew, Cheese Head, O.B.A. $\times \frac{5}{8}$ " long			10/111	Damper Spring	
	10/95	Fuel Pump Charging Lever			10/112	Damper Bolt, fitted with 10/113	
	10/96	Fuel Pump Charging Lever Pin			10/113	Nut, Steel, $\frac{5}{16}$ " B.S.F. $\times \frac{1}{4}$ " $\times \frac{1}{4}$ " Hex.	
	10/97	Fuel Pump Charging Lever Spring			10/114	Fuel Control Trigger Stop	
	10/98	Fuel Pump Charging Lever Catch			10/115	Fuel Pump Camshaft—Box Half, fitted with 10/43, 10/52, 10/102 to 10/104 6L	
	10/99	Fuel Pump Charging Lever Catch Pin			10/116	Ball Journal Bearing Distance Collar—Wide	
	10/100	Not Allocated			10/117	Ball Journal Bearing Distance Collar—Narrow	
	10/101	Not Allocated			10/118	Bolt, Hex. Head, $\frac{5}{16}$ " Wh. $\times 4$ " long $\times \frac{5}{16}$ " Hex., fitted with 10/64 <small>(Superseded by 10/191, which will be supplied for replacements)</small>	
	10/102	Damper Body <small>(This item will not be supplied separately but only with its respective Camshaft)</small>	} .. 4L3, 5L3, 6L3, 8L3		10/119	Packing, Circular, $1" \times \frac{11}{16}" \times \frac{1}{32}"$	
	10/103	Setscrew, Sq. Head, Pointed, $\frac{3}{8}$ "—24 Thds. $\times \frac{7}{8}$ " long			24, 25	10/120	Fuel Pump Cam Box—"E"—3 Point, fitted with 10/29, 10/65 to 10/73
	10/104	Grease Cup					5L3 Port, 6L3 Port Cylinders Nos. 1, 2 & 3
	10/105	Damper Coupling, fitted with 10/39 or 10/40, 10/41, 10/42, 10/106				10/121	Fuel Pump Cam Box—"F"—3 Point, fitted with 10/29, 10/68 to 10/73
						5L3 Starboard, 6L3 Starboard Cylinders Nos. 1, 2 & 3	

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FUEL PUMP AND FUEL PUMP MOTION WORK—Section 10

Part No.	Description	Plate No.	Part No.	Description
10/122	Fuel Pump Cam Box—"G"—3 Point, fitted with 10/68 to 10/73	24	10/131	FUEL PUMP CAMSHAFT ASSEMBLY, Comprising 10/32, 10/49 to 10/52, 10/129 (Part No. 3/40 and 12/20 must also be supplied. Hand of Engine and Direction of Rotation must be specified)
10/123	Fuel Pump Cam Box—"H"—3 Point, fitted with 10/65 to 10/73		10/132	FUEL PUMP CAMSHAFT ASSEMBLY, Comprising 10/33, 10/49 to 10/52, 10/130 (Part No. 3/40 and 12/20 must also be supplied. Hand of Engine and Direction of Rotation must be specified)
10/124	Fuel Pump Cam Box—"J"—4 Point, fitted with 10/29, 10/68 to 10/73		10/133	FUEL PUMP CAMSHAFT ASSEMBLY—GEAR HALF, Comprising 10/39, 10/129 (Part No. 3/40 must also be supplied. Hand of Engine and Direction of Rotation must be specified)
10/125	Fuel Pump Cam Box—"K"—4 Point, fitted with 10/29, 10/65 to 10/73		10/134	FUEL PUMP CAMSHAFT ASSEMBLY—GEAR HALF, Comprising 10/39, 10/130 (Part No. 3/40 must also be supplied. Hand of Engine and Direction of Rotation must be specified)
10/126	Fuel Pump Cam Box—"M"—4 Point, fitted with 10/68 to 10/73		10/135	FUEL PUMP CAMSHAFT ASSEMBLY—GEAR HALF, Comprising 10/40, 10/129 (Part No. 3/40 must also be supplied. Hand of Engine and Direction of Rotation must be specified)
10/127	FUEL CONTROL BOX ASSEMBLY—3 Point, Comprising 10/13, 10/19 to 10/28, 10/114, 10/167, 10/169, 10/180 to 10/186		10/136	FUEL PUMP CAMSHAFT ASSEMBLY—GEAR HALF, Comprising 10/40, 10/130 (Part No. 3/40 must also be supplied. Hand of Engine and Direction of Rotation must be specified)
10/128	FUEL CONTROL BOX ASSEMBLY—4 Point, Comprising 10/14, 10/19 to 10/28, 10/114, 10/168, 10/169, 10/180 to 10/186		10/137	FUEL PUMP CAMSHAFT ASSEMBLY—BOX HALF, Comprising 10/34, 10/49 to 10/52 (Part No. 12/20 must also be supplied)
10/129	FUEL PUMP CAMSHAFT GEAR ASSEMBLY, Comprising 10/44, 10/45, 10/47, 10/48 (Part No. 3/40 must also be supplied. Hand of Engine and Direction of Rotation must be specified)			
10/130	FUEL PUMP CAMSHAFT GEAR ASSEMBLY, Comprising 10/44, 10/46 to 10/48 (Part No. 3/40 must also be supplied. Hand of Engine and Direction of Rotation must be specified)			

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Plate No.	Part No.	Description	Plate No.	Part No.	Description
	10/138	FUEL PUMP CAMSHAFT ASSEMBLY—BOX HALF, } Comprising 10/35, 10/49 to 10/52 (Part No. 12/20 must } also be supplied) } 5L3 Port	24, 25, 26	10/149	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 4L3 Port
	10/139	FUEL PUMP CAMSHAFT ASSEMBLY—BOX HALF, } Comprising 10/36, 10/49 to 10/52 (Part No. 12/20 must } also be supplied) } 5L3 Starboard		10/150	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 4L3 Starboard
	10/140	FUEL PUMP CAMSHAFT ASSEMBLY—BOX HALF, } Comprising 10/49 to 10/52, 10/115 (Part No. 12/20 } must also be supplied) } 6L3 Port		10/151	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 4L3 Port
	10/141	FUEL PUMP CAMSHAFT ASSEMBLY—BOX HALF, } Comprising 10/37, 10/49 to 10/52 (Part No. 12/20 must } also be supplied) } 6L3 Starboard		10/152	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 4L3 Starboard
	10/142	FUEL PUMP CAMSHAFT ASSEMBLY—BOX HALF, } Comprising 10/38, 10/49 to 10/52 (Part No. 12/20 must } also be supplied) } 8L3 Port and Starboard		10/153	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 5L3 Port
	10/143	FUEL PUMP CAMSHAFT DAMPER ASSEMBLY, } 4L3, 5L3, 6L3, 8L3 Comprising 10/34 or 10/35 or 10/36 or 10/37 or 10/38, } (Engine size MUST 10/39 or 10/40, 10/41, 10/42, 10/102 to 10/113 } be quoted)		10/154	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 5L3 Starboard
	10/144	FUEL PUMP CHARGING LEVER ASSEMBLY, Comprising 10/93, 10/95 to 10/99		10/155	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 5L3 Port
24, 25, 26	10/145	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 3L3 Port		10/156	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 5L3 Starboard
	10/146	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 3L3 Starboard		10/157	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 6L3 Port
	10/147	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 3L3 Port		10/158	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Local and Deck Control } 6L3 Starboard
	10/148	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 3L3 Starboard		10/159	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 6L3 Port
				10/160	FUEL PUMP CAM BOX AND GOVERNOR } ASSEMBLY—Cam Operated Control } 6L3 Starboard

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FUEL PUMP AND FUEL PUMP MOTION WORK—Section 10

Part No.	Description		Plate No.	Part No.	Description
10/161	FUEL PUMP CAM BOX AND GOVERNOR ASSEMBLY—Local and Deck Control	8L3 Port	24	10/176	Fuel Pump Insertion Plate—8 Point
10/162	FUEL PUMP CAM BOX AND GOVERNOR ASSEMBLY—Local and Deck Control	8L3 Starboard		10/177	Steady Peg, $\frac{3}{16}$ " diam. \times $\frac{11}{16}$ " long, for 10/172, 10/173
10/163	FUEL PUMP CAM BOX AND GOVERNOR ASSEMBLY—Cam Operated Control	8L3 Port		10/178	Fuel Pump Ram Tappet, fitted with 10/89 to 10/92
10/164	FUEL PUMP CAM BOX AND GOVERNOR ASSEMBLY—Cam Operated Control	8L3 Starboard		10/179	Fuel Pump Ram Tappet Spring
10/165	Fuel Pump Ram Tappet, '010" Oversize, fitted with 10/89 to 10/92			10/180	Fuel Control Box Sight Hole Plug
10/166	Fuel Pump Ram Tappet, '020" Oversize, fitted with 10/89 to 10/92			10/181	Setscrew, Cheese Head, 2 B A \times $\frac{5}{16}$ " long
10/167	Fuel Pump Control Rod Spring Cover	(3L3 Port 5L3 Port 6L3 Port		10/182	Governor Bar Buffer Body (Supplied only with 10/183 to 10/186)
10/168	Fuel Pump Control Rod Spring Cover	(4L3 Port 8L3 Port		10/183	Governor Bar Buffer Plunger
10/169	Setscrew, Cheese Head, 2 B.A. \times $\frac{7}{16}$ " long			10/184	Governor Bar Buffer Spring
10/170	Fuel Pump Rack Connecting Link Cover, fitted with 10/171	5L3 6L3 8L3		10/185	Governor Bar Buffer Plug
10/171	Setscrew, Cheese Head, 1 B.A. \times $\frac{3}{4}$ " long, for 10/170		10/186	Locknut, Hex., $\frac{3}{8}$ " Gas \times $\frac{1}{4}$ " \times $\frac{7}{16}$ " Hex.	
10/172	Fuel Pump Insertion Plate—3 Point, fitted with 10/177		10/187	Fuel Pump Cam Box End Plate—with Foot, fitted with 10/81, 10/82, 10/188 to 10/190, 10/193	
10/173	Fuel Pump Insertion Plate—4 Point, fitted with 10/177		10/188	Injection Control Link Support Lever Stud, fitted with 10/189, 10/190	
10/174	Fuel Pump Insertion Plate—5 Point		10/189	Washer, Plain, $\frac{1}{2}$ " Bore \times $\frac{7}{8}$ " O.D., for 10/188	
10/175	Fuel Pump Insertion Plate—6 Point		10/190	Split Pin, $\frac{3}{32}$ " diam. \times $\frac{7}{8}$ " long, for 10/188	
			10/191	Stud, $\frac{5}{16}$ " Wh. \times $4\frac{1}{4}$ " long, fitted with 10/64	
			10/192	Sealing Ring, $1\frac{1}{4}$ " I.D. \times $1\frac{3}{4}$ " O.D. \times $\frac{1}{4}$ " wide	

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Plate No.	Part No.	Description	Plate No.	Part No.	Description
	10/193	Sealing Ring, 1½" I.D. × 2⅜" O.D. × ⅛" wide			
	10/194	Fuel Pump Control Rod Spring 3L3, 5L3, 6L3			Electric Lighting Engines
	10/195	Fuel Pump Control Rod Spring 4L3, 8L3			
	10/196	Fuel Pump Control Box Cover Plate			
	10/197	Setscrew, Hex. Head, 2 B.A. × ⅛" long, for 10/196			Starboard Engines
	10/198	FUEL CONTROL BOX ASSEMBLY—3 Point, Comprising 10/13, 10/19 to 10/28, 10/114, 10/180 to 10/186, 10/196, 10/197			3L3 Starboard 5L3 Starboard 6L3 Starboard
	10/199	FUEL CONTROL BOX ASSEMBLY—4 Point, Comprising 10/14, 10/19 to 10/28, 10/114, 10/180 to 10/186, 10/196, 10/197			4L3 Starboard 8L3 Starboard

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GOVERNOR—Section 11

Part No.	Description	Plate No.	Part No.	Description
11/1	Governor Casing—Port Engine—Local and Deck Control, fitted with 11/5 to 11/11	26	11/17	Split Pin, $\frac{5}{8}$ " diam. \times $\frac{1}{2}$ " long
11/2	Governor Casing—Starboard Engine—Local and Deck Control, fitted with 11/5 to 11/11		11/18	Governor Weight Pivot Pin, fitted with 11/19, for 11/14, 11/139
11/3	Governor Casing—Port Engine—Cam Operated Control, fitted with 11/5 to 11/11		11/19	Split Pin, $\frac{5}{8}$ " diam. \times $\frac{5}{8}$ " long
11/4	Governor Casing—Starboard Engine—Cam Operated Control, fitted with 11/5 to 11/11		11/20	Governor Sleeve, fitted with 11/21
	} 3L3, 4L3, 5L3, 6L3		11/21	Ball Journal Bearing
11/5	Remote Control Spindle Bush		11/22	Ball Thrust Washer, $\frac{7}{8}$ " bore
11/6	Plug, Sq. Hole, $1\frac{3}{8}$ "—12 Thds., fitted with 11/7		11/23	Governor Spring Collar
11/7	Packing, Circular, $1\frac{3}{4}$ " \times $1\frac{11}{16}$ " \times $\frac{1}{16}$ "		11/24	Governor Spring
11/8	Lubricator		11/25	Governor Spring Guide
11/9	Setscrew, Cheese Head, Pointed, 1 B.A. \times $\frac{9}{16}$ " long		11/26	Governor Spring Lever, fitted with 11/27, 11/31
11/10	Stud, $\frac{5}{16}$ " Wh. \times $1\frac{7}{16}$ " long, fitted with 11/11			} Not fitted on Engines with Cam Operated Governor
11/11	Nut, Steel, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{5}{16}$ " Hex.		11/27	Governor Spring Lever Stop
11/12	Governor Body, fitted with 11/13		11/28	Governor Spring Lever Pin, fitted with 11/29
11/13	Setscrew, Sq. Head, Pointed, $\frac{3}{8}$ " B.S.F. \times $\frac{7}{8}$ " long	} 3L3, 4L3, 5L3, 6L3	11/29	Split Pin, $\frac{5}{8}$ " diam. \times $\frac{5}{8}$ " long
11/14	Governor Weight—Type 1 (2" across the jaws), fitted with 11/15 to 11/17 (Supplied only in pairs) (Superseded, see Part No. 11/140 and 11/141)		11/30	Governor Adjusting Screw
11/15	Governor Weight Roller		11/31	Governor Adjusting Screw Stop
11/16	Roller Pin, fitted with 11/17, for 11/14, 11/139	} Engines up to and including 900 R.P.M.	11/32	Governor Adjusting Screw Ball Joint
				} Not fitted on Engines with Cam Operated Governor, or Stationary Engines
			11/33	Governor Connecting Rod, fitted with 11/34, 11/35... .. 3L3, 4L3, 5L3, 6L3

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GOVERNOR—Section 11

Plate No.	Part No.	Description	Plate No.	Part No.	Description
26	11/34	Pin, Headed, $\frac{1}{4}$ " diam. \times $\frac{3}{4}$ " long, fitted with 11/35	26	11/52	Governor Casing Steady, fitted with 11/54
	11/35	Split Pin, $\frac{5}{16}$ " diam. \times $\frac{1}{2}$ " long		11/53	Accelerator Cam—Port—Forward Rotation Engines
	11/36	Governor Lever, fitted with 11/132		11/54	Steady Peg, $\frac{1}{4}$ " diam. \times $\frac{7}{8}$ " long
	11/37	Governor Lever Pin		11/55	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{3}{8}$ " Hex.
	11/38	Governor Sleeve Push Rod		11/56	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $2\frac{3}{4}$ " long \times $\frac{3}{8}$ " Hex.
	11/39	Pin, Headed, $\frac{1}{4}$ " diam. \times $\frac{15}{16}$ " long, fitted with 11/40		11/57	Accelerator Cam—Starboard—Forward Rotation Engines
	11/40	Split Pin, $\frac{5}{16}$ " diam. \times $\frac{1}{2}$ " long		11/58	Governor Spring Lever, fitted with 11/27 { Engines with Operated G
	11/41	Stopping Cam Tappet Screw, fitted with 11/42		11/59	Adjusting Screw, Plain, fitted with 11/60, 11/61
	11/42	Nut, Steel, $\frac{5}{16}$ " B.S.F. \times $\frac{1}{4}$ " \times $\frac{1}{4}$ " Hex.		11/60	Nut, Steel, $\frac{3}{8}$ " Wh. \times $\frac{3}{8}$ " \times $\frac{5}{16}$ " Hex.
	11/43	Fuel Pump Stopping Cam, fitted with 11/44 to 11/47, 11/49 to 11/51		11/61	Split Pin, $\frac{5}{16}$ " diam. \times 1" long
	11/44	Fuel Pump Stopping Cam Spindle, fitted with 11/43, 11/45 to 11/47, 11/49 to 11/51		11/62	Accelerator Cam Roller Lever
	11/45	Woodruff Key		11/63	Accelerator Cam Roller Lever Pin, fitted with 11/64
	11/46	Taper Pin, No. 0 \times $1\frac{1}{8}$ " long		11/64	Split Pin, $\frac{5}{16}$ " diam. \times $\frac{5}{8}$ " long
	11/47	Friction Washer, 1" \times $\frac{1}{2}$ " \times $\frac{1}{16}$ "		11/65	Accelerator Cam Ball Bearing Roller
	11/48	Fuel Pump Stopping Cam Lever		11/66	Accelerator Cam Roller Pin, fitted with 11/67
	11/49	Spring Washer, $\frac{3}{8}$ " diam.		11/67	Split Pin, $\frac{5}{16}$ " diam. \times $\frac{5}{8}$ " long
	11/50	Castle Nut, $\frac{3}{8}$ " B.S.F.		11/68	Accelerator Cam—Port—Reverse Rotation Engines
	11/51	Split Pin, $\frac{5}{16}$ " diam. \times 1" long			

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

GOVERNOR—Section 11

Part No.	Description	Plate No.	Part No.	Description
11/69	Accelerator Cam—Starboard—Reverse Rotation Engines	26	11/87	Injection Connecting Rod, fitted with 11/86 .. 3L3
11/70	Remote Control Cam Stop, fitted with 11/71 to 11/73, 11/75		11/88	Injection Connecting Rod, fitted with 11/86 .. 4L3
11/71	Setscrew, Sq. Head, Pointed, $\frac{5}{16}$ " B.S.F. \times $\frac{9}{16}$ " long		11/89	Injection Connecting Rod, fitted with 11/86 .. 5L3
11/72	Adjusting Screw, Plain, fitted with 11/73, 11/75		11/90	Injection Connecting Rod, fitted with 11/86 .. 6L3
11/73	Nut, Steel, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{1}{4}$ " Hex.		11/91	Injection Connecting Rod—Injection Lever End, fitted with 11/86 .. 8L3
11/74	Adjusting Screw, Knurled, fitted with 11/73		11/92	Injection Connection Lever Spring .. 3L3, 6L3
11/75	Split Pin, $\frac{5}{8}$ " diam. \times 1" long		11/93	Injection Connection Lever Spring .. 4L3, 8L3
11/76	Remote Control Lever, fitted with 11/77		11/94	Injection Connection Lever Spring .. 5L3
11/77	Bolt, Hex. Head, $\frac{1}{4}$ "—28 Thds. \times 1" long \times $\frac{3}{16}$ " Hex.		11/95	Governor Connecting Rod, fitted with 11/34, 11/35 .. 8L3
11/78	Forked Eye, fitted with 11/79, 11/80		11/96	Forked Eye, fitted with 11/97, 11/98
11/79	Pin, Headed, $\frac{1}{4}$ " diam. \times $\frac{5}{8}$ " long, fitted with 11/80		11/97	Pin, Headed, $\frac{1}{4}$ " diam. \times $\frac{5}{8}$ " long, fitted with 11/98
11/80	Split Pin, $\frac{5}{8}$ " diam. \times $\frac{1}{2}$ " long		11/98	Split Pin, $\frac{5}{8}$ " diam. \times $\frac{1}{2}$ " long
11/81	Injection Control Lever, fitted with 11/82		11/99	Governor Casing—Port Engine—Local and Deck Control, fitted with 11/5 to 11/9, 11/103 to 11/105
11/82	Setscrew, Sq. Head, Pointed, $\frac{1}{4}$ "—28 Thds. \times $\frac{13}{32}$ " long		11/100	Governor Casing—Starboard Engine—Local and Deck Control, fitted with 11/5 to 11/9, 11/103 to 11/105
11/83	Forked Eye, fitted with 11/84, 11/85, for 11/87 to 11/91		11/101	Governor Casing—Port Engine—Cam Operated Control, fitted with 11/5 to 11/9, 11/103 to 11/105
11/84	Pin, Headed, $\frac{1}{4}$ " diam. \times $\frac{5}{8}$ " long, fitted with 11/85		11/102	Governor Casing—Starboard Engine—Cam Operated Control, fitted with 11/5 to 11/9, 11/103 to 11/105
11/85	Split Pin, $\frac{5}{8}$ " diam. \times $\frac{5}{8}$ " long			
11/86	Nut, Steel, $\frac{5}{16}$ " B.S.F. \times $\frac{1}{4}$ " \times $\frac{1}{4}$ " Hex.			

} Fitted only when Cam Operated Control or Deck Control is fitted

} 8L3

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



GOVERNOR—Section 11

Plate No.	Part No.	Description	Plate No.	Part No.	Description
26	11/103	Governor Casing Adapter	26	11/118	GOVERNOR CASING—LOCAL AND DECK CONTROL—ASSEMBLY, Comprising 11/2, 11/25 to 11/51, (and 11/96 to 11/98 for Deck Control only) } 3L3, 4L3, 5L3 Starboard
	11/104	Stud, $\frac{5}{16}$ " Wh. \times $2\frac{5}{8}$ " long, fitted with 11/105			
	11/105	Nut, Steel, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{5}{16}$ " Hex.		11/119	GOVERNOR CASING—LOCAL AND DECK CONTROL—ASSEMBLY, Comprising 11/25 to 11/32, 11/34 to 11/51, 11/95, 11/100, (and 11/96 to 11/98 for Deck Control only) } ... 8L3 Star
	11/106	Governor Driving Boss, fitted with 11/107			
	11/107	Setscrew, Sq. Head, Pointed, $\frac{3}{8}$ "—24 Thds. \times $\frac{7}{8}$ " long		11/120	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/3, 11/25, 11/27 to 11/29, 11/33 to 11/51, 11/53 Forward Rotation or 11/68 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/87, 11/92, 11/96 to 11/98 } ... 3L3
	11/108	Governor Driving Peg			
	11/109	Bolt, Hex. Head, $\frac{5}{16}$ " B.S.F. \times $3\frac{1}{16}$ " long \times $\frac{1}{4}$ " Hex., fitted with 11/111 to 11/113		11/121	
	11/110	Governor Driving Spring			
	11/111	Washer, Steel, $\frac{5}{16}$ " bore \times $\frac{3}{4}$ " O.D.		11/122	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/3, 11/25, 11/27 to 11/29, 11/33 to 11/51, 11/53 Forward Rotation or 11/68 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/86, 11/89, 11/94, 11/96 to 11/98 } ... 5L3
	11/112	Castle Nut, $\frac{5}{16}$ " B.S.F.			
	11/113	Split Pin, $\frac{5}{16}$ " diam. \times $\frac{3}{4}$ " long		11/123	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/3, 11/25, 11/27 to 11/29, 11/33 to 11/51, 11/53 Forward Rotation or 11/68 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/86, 11/90, 11/92, 11/96 to 11/98 } ... 6L3
	11/114	Governor Body, fitted with 11/108, 11/115			
	11/115	Governor Body Bush		11/124	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/25, 11/27 to 11/29, 11/34 to 11/51, 11/53 Forward Rotation or 11/68 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/86, 11/91, 11/93, 11/95 to 11/98, 11/101 } ... 8L3
	11/116	GOVERNOR CASING—LOCAL AND DECK CONTROL—ASSEMBLY, Comprising 11/1, 11/25 to 11/51, (and 11/96 to 11/98 for Deck Control only) } 3L3, 4L3, 5L3, 6L3 Port			
	11/117	GOVERNOR CASING—LOCAL AND DECK CONTROL—ASSEMBLY, Comprising 11/25 to 11/32, 11/34 to 11/51, 11/95, 11/99, (and 11/96 to 11/98 for Deck Control only) } 8L3 Port			

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GOVERNOR—Section 11

Part No.	Description	Plate No.	Part No.	Description
11/125	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/4, 11/25, 11/27 to 11/29, 11/33 to 11/51, 11/57 Forward Rotation or 11/69 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/87, 11/92, 11/96 to 11/98	3L3 Starboard	11/133	Injection Control Connecting Rod—Governor End, fitted with 11/86 (Clockwise Rotation Engines Looking on Flywheel End)
11/126	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/4, 11/25, 11/27 to 11/29, 11/33 to 11/51, 11/57 Forward Rotation or 11/69 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/86, 11/88, 11/93, 11/96 to 11/98	4L3 Starboard	11/134	Injection Control Connecting Rod—Governor End, fitted with 11/86 (Anti-Clockwise Rotation Engines Looking on Flywheel End)
11/127	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/4, 11/25, 11/27 to 11/29, 11/33 to 11/51, 11/57 Forward Rotation or 11/69 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/86, 11/89, 11/94, 11/96 to 11/98	5L3 Starboard	11/135	Tension Spring, for 11/87 to 11/91, 11/134 (Automotive Only)
11/128	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/4, 11/25, 11/27 to 11/29, 11/33 to 11/51, 11/57 Forward Rotation or 11/69 Reverse Rotation, 11/58 to 11/67, 11/70 to 11/86, 11/90, 11/92, 11/96 to 11/98	6L3 Starboard	11/136	Injection Control Link Support Lever (Clockwise Rotation Engines Looking on Flywheel End)
11/129	GOVERNOR CASING—CAM OPERATED CONTROL—ASSEMBLY, Comprising 11/25, 11/27 to 11/29, 11/34 to 11/51, 11/53 to 11/67, 11/57 Forward Rotation or 11/69 Reverse Rotation, 11/70 to 11/86, 11/91, 11/93, 11/95 to 11/98, 11/102	8L3 Starboard	11/137	Injection Control Link Support Lever (Anti-Clockwise Rotation Engines Looking on Flywheel End)
11/130	GOVERNOR BODY ASSEMBLY, Comprising 11/12 to 11/24 (Superseded, see Part Nos. 11/149, 11/151)	3L3, 4L3, 5L3, 6L3	11/138	Spring Post, 0 B.A. $\times \frac{1}{4}$ " long (Anti-Clockwise Rotation Engines Looking on Flywheel End)
11/131	GOVERNOR BODY ASSEMBLY, Comprising 11/14 to 11/24, 11/106 to 11/115 (Superseded, see Part Nos. 11/150, 11/152) 8L3	11/139	Governor Weight—Type 1 (2" across the jaws), fitted with 11/15 to 11/17 (Supplied only in pairs) (Superseded, see Part Nos. 11/140, 11/141)
11/132	Bush, Plain, $\frac{1}{4}$ " I.D. $\times \frac{11}{32}$ " O.D. $\times \frac{1}{4}$ " long, for 11/36		11/140	Governor Weight—Type 2 ($2\frac{1}{4}$ " across the jaws), fitted with 11/15, 11/17, 11/19, 11/142, 11/143 (Supplied only in pairs) (Superseded by 11/144, which will be supplied for replacements)
			11/141	Governor Weight—Type 2 ($2\frac{1}{4}$ " across the jaws), fitted with 11/15, 11/17, 11/19, 11/142, 11/143 (Supplied only in pairs) (Superseded by 11/145, which will be supplied for replacements)
			11/142	Roller Pin, $\frac{1}{4}$ " diam. $\times 2\frac{11}{16}$ " long, fitted with 11/17, for 11/140, 11/141
			11/143	Weight Pivot Pin, $\frac{3}{8}$ " diam. $\times 2\frac{7}{8}$ " long, fitted with 11/19, for 11/140, 11/141
			11/144	Governor Weight—Type 3 ($2\frac{7}{8}$ " across the jaws), fitted with 11/15, 11/146 to 11/148 (Supplied only in pairs)

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GOVERNOR—Section 11

Plate No.	Part No.	Description	Plate No.	Part No.	Description
	11/145	Governor Weight—Type 3 ($2\frac{7}{8}$ " across the jaws), fitted with 11/15, 11/146 to 11/148 (Supplied only in pairs)			Engines over 900 R.P.M.
	11/146	Roller Pin, $\frac{1}{4}$ " diam. $\times 2\frac{5}{16}$ " long, for 11/144, 11/145			
	11/147	Weight Pivot Pin, $\frac{3}{8}$ " diam. $\times 2\frac{5}{16}$ " long, for 11/144, 11/145			
	11/148	Split Cotter Pin, $\frac{1}{8}$ " diam. $\times 2$ " long, for 11/144, 11/145			
	11/149	GOVERNOR BODY ASSEMBLY, Comprising 11/12, 11/13, 11/15, 11/20 to 11/24, 11/144, 11/146 to 11/148		3L3, 4L3, 5L3, 6L3	Engines up to and including 900 R.P.M.
	11/150	GOVERNOR BODY ASSEMBLY, Comprising 11/15, 11/20 to 11/24, 11/106 to 11/115, 11/144, 11/146 to 11/148		8L3	
	11/151	GOVERNOR BODY ASSEMBLY, Comprising 11/12, 11/13, 11/15, 11/20 to 11/24, 11/145 to 11/148		3L3, 4L3, 5L3, 6L3	Engines over 900 R.P.M.
	11/152	GOVERNOR BODY ASSEMBLY, Comprising 11/15, 11/20 to 11/24, 11/106 to 11/115, 11/145 to 11/148		8L3	

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LUBRICATING OIL PUMP, LUBRICATING OIL DELIVERY STRAINER AND WATER STRAINERS—Section 12

Part No.	Description	Plate No.	Part No.	Description
12/1	Lubricating Pump Body, fitted with 10/66, 12/4 to 12/7, 12/16, 12/23	3L3, 4L3	27	12/19 Thrust Washer, $1\frac{1}{4}'' \times \frac{5}{8}'' \times \frac{1}{8}''$
12/2	Lubricating Pump Body, fitted with 10/66, 12/4 to 12/7, 12/17, 12/23	5L3, 6L3		12/20 Pump Driven Pinion (Supplied only with 10/51)
12/3	Lubricating Pump Body, fitted with 10/66, 12/4 to 12/7, 12/18, 12/23	.. 8L3		12/21 Castle Nut, $\frac{1}{2}''$ B.S.F.
12/4	Lubricating Pump Body Cover, fitted with 12/16 or 12/17 or 12/18			12/22 Split Pin, $\frac{3}{32}''$ diam. $\times 1\frac{1}{4}''$ long
12/5	Setscrew, Cheese Head, 1 B.A. $\times \frac{9}{16}''$ long			12/23 Packing, Oval, 2" centres $\times 1\frac{1}{2}''$ wide
12/6	Plug, Faced, $\frac{7}{16}''$ B.S.F. $\times \frac{1}{4}'' \times \frac{5}{16}''$ Hex., fitted with 12/7			12/24 Setscrew, Hex. Head, $\frac{5}{16}''$ Wh. $\times \frac{7}{8}''$ long $\times \frac{5}{16}''$ Hex.
12/7	Packing, Circular, $\frac{17}{32}'' \times \frac{3}{8}'' \times \frac{1}{32}''$			12/25 Lubricating Oil Delivery Strainer Body—Port, fitted with 12/27 to 12/30, 12/33 to 12/35, 12/42
12/8	Setscrew, Hex. Head, $\frac{5}{16}''$ Wh. $\times \frac{7}{8}''$ long $\times \frac{1}{4}''$ Hex.			12/26 Lubricating Oil Delivery Strainer Body—Starboard, fitted with 12/27 to 12/30, 12/33 to 12/35, 12/42
12/9	Pump Gear and Spindle, fitted with 12/12, 12/21, 12/22 (Supplied only with 12/13)	3L3, 4L3		12/27 Plug, Faced, $\frac{3}{4}''$ Gas $\times \frac{3}{8}'' \times \frac{1}{2}''$ Hex., fitted with 12/28
12/10	Pump Gear and Spindle, fitted with 12/12, 12/21, 12/22 (Supplied only with 12/14)	5L3, 6L3		12/28 Packing, Circular, $1\frac{3}{8}'' \times 1'' \times \frac{1}{32}''$
12/11	Pump Gear and Spindle, fitted with 12/12, 12/21, 12/22 (Supplied only with 12/15)	8L3		12/29 Stud, $\frac{5}{16}''$ Wh. $\times 2\frac{3}{16}''$ long, fitted with 12/30
12/12	Woodruff Key			12/30 Nut, Steel, $\frac{5}{16}''$ Wh. $\times \frac{5}{16}'' \times \frac{1}{4}''$ Hex.
12/13	Pump Idler Gear (Supplied only with 12/9) 3L3, 4L3		12/31 Flange, Oval, Cast Iron, Blank, 2" centres $\times 1\frac{1}{8}''$ wide, fitted with 12/33
12/14	Pump Idler Gear (Supplied only with 12/10) 5L3, 6L3		12/32 Setscrew, Hex. Head, $\frac{5}{16}''$ Wh. $\times \frac{7}{8}''$ long $\times \frac{5}{16}''$ Hex.
12/15	Pump Idler Gear (Supplied only with 12/11) 8L3		12/33 Packing, Oval, 2" centres $\times 1\frac{1}{2}''$ wide
12/16	Pump Idler Gear Spindle 3L3, 4L3		12/34 Stud, $\frac{5}{16}''$ Wh. $\times 1\frac{3}{16}''$ long, fitted with 12/35
12/17	Pump Idler Gear Spindle 5L3, 6L3		12/35 Nut, Steel, $\frac{5}{16}''$ Wh. $\times \frac{5}{16}'' \times \frac{1}{8}''$ Hex.
12/18	Pump Idler Gear Spindle 8L3		

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LUBRICATING OIL PUMP, LUBRICATING OIL DELIVERY STRAINER AND WATER STRAINERS—Section 12

Plate No.	Part No.	Description	Plate No.	Part No.	Description
27	12/36	Lubricating Oil Delivery Strainer Pipe, fitted with 12/37	27	12/54	Locknut, Steel, $\frac{1}{2}$ " Gas $\times \frac{3}{8}$ " $\times \frac{5}{8}$ " Hex.
	12/37	Nut, Steel, $1\frac{1}{16}$ "—12 Thds. $\times \frac{1}{2}$ " $\times \frac{7}{8}$ " Hex.		12/55	Nut, Blind, $\frac{1}{2}$ " Gas $\times \frac{5}{8}$ " Hex.
	12/38	Nut, Blind, $1\frac{1}{16}$ "—12 Thds $\times \frac{3}{4}$ " Hex., fitted with 12/39		12/56	Water Strainer Body, fitted with 12/58 to 12/60, 12/69
	12/39	Packing, Circular, $1\frac{11}{16}$ " $\times 1\frac{1}{8}$ " $\times \frac{3}{32}$ "		12/57	Strainer Cover, fitted with 12/58
	12/40	Oil Delivery Strainer Cage (Superseded by 12/93, which will be supplied for replacements)		12/58	Strainer Cover Packing
	12/41	Oil Delivery Strainer Cover, fitted with 12/39, 12/42 to 12/44		12/59	Strainer Cover Stud, fitted with 12/60
	12/42	Packing, Circular, $4\frac{1}{4}$ " $\times 3\frac{3}{4}$ " $\times \frac{1}{16}$ "		12/60	Wing Nut, $\frac{5}{16}$ " Wh.
	12/43	Plug, Sq. Head, $\frac{1}{2}$ " Gas $\times \frac{5}{16}$ " Square, fitted with 12/44		12/61	Strainer Cage
	12/44	Packing, Circular, $1\frac{1}{16}$ " $\times \frac{3}{4}$ " $\times \frac{3}{32}$ "		12/62	Strainer Cage Spring
	12/45	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times \frac{7}{8}$ " long $\times \frac{1}{4}$ " Hex.		12/63	Flange, Oval, Cast Iron, 1" Gas $\times 2\frac{1}{4}$ " centres $\times 2\frac{1}{4}$ " wide, fitted with 12/69
	12/46	Oil Relief Valve Body, fitted with 12/33, 12/47, 12/49, 12/51		12/64	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times 1\frac{1}{4}$ " long $\times \frac{5}{16}$ " Hex.
	12/47	Packing, Oval, 2" centres $\times 1\frac{5}{8}$ " wide		12/65	Flange, Oval, Brass, 1" Gas "M." $\times 2\frac{1}{4}$ " centres $\times 1\frac{7}{8}$ " wide, fitted with 12/69
	12/48	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times \frac{7}{8}$ " long $\times \frac{5}{16}$ " Hex.		12/66	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times 1$ " long $\times \frac{5}{16}$ " Hex.
	12/49	Packing, Oval, $1\frac{7}{8}$ " centres $\times 1\frac{1}{2}$ " wide		12/67	Flange, Oval, Brass, 1" bore $\times 2\frac{1}{4}$ " centres $\times 1\frac{7}{8}$ " wide, fitted with 12/69
	12/50	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times \frac{7}{8}$ " long $\times \frac{5}{16}$ " Hex.		12/68	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times \frac{7}{8}$ " long $\times \frac{5}{16}$ " Hex.
	12/51	Ball, $\frac{3}{16}$ " diam.		12/69	Packing, Oval, $2\frac{1}{4}$ " centres $\times 1\frac{7}{8}$ " wide
	12/52	Ball Valve Spring (same as 21/28)			
	12/53	Relief Valve Adjuster, fitted with 12/54, 12/55			

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When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

LUBRICATING OIL PUMP, LUBRICATING OIL DELIVERY STRAINER AND WATER STRAINERS—Section 12

Part No.	Description		Plate No.	Part No.	Description
12/70	Water Strainer Body, fitted with 12/72 to 12/74, 12/84		27	12/85	LUBRICATING PUMP ASSEMBLY, Comprising 10/66, 12/1, 12/4 to 12/7, 12/9, 12/13, 12/16, 12/19 to 12/23 (Part No. 10/51 MUST also be supplied) } 3L3, 4L3
12/71	Strainer Cover, fitted with 12/72			12/86	LUBRICATING PUMP ASSEMBLY, Comprising 10/66, 12/2, 12/4 to 12/7, 12/10, 12/12, 12/14, 12/17, 12/19 to 12/23 (Part No. 10/51 MUST also be supplied) } 5L3, 6L3
12/72	Strainer Cover Packing			12/87	LUBRICATING PUMP ASSEMBLY, Comprising 10/66, 12/3, 12/4 to 12/7, 12/11, 12/12, 12/15, 12/18 to 12/23 (Part No. 10/51 MUST also be supplied) } 8L3
12/73	Strainer Cover Stud, fitted with 12/74			12/88	LUBRICATING OIL DELIVERY STRAINER ASSEMBLY, Comprising 12/25, 12/27 to 12/39, 12/41 to 12/44, 12/93 to 12/96 } Port Engines
12/74	Wing Nut, $\frac{5}{16}$ " Wh.			12/89	LUBRICATING OIL DELIVERY STRAINER ASSEMBLY, Comprising 12/26 to 12/39, 12/41 to 12/44, 12/93 to 12/96 } Starboard Engines
12/75	Strainer Cage			12/90	LUBRICATING OIL RELIEF VALVE ASSEMBLY, Comprising 12/33, 12/46, 12/52 to 12/55
12/76	Strainer Cage Spring			12/91	WATER STRAINER ASSEMBLY, Comprising 12/56 to 12/62 } 3L3, 4L3, 5L3 with Ram Type Pump
12/77	Flange, Oval, Cast Iron, Blank, $3\frac{1}{8}$ " centres \times 3" wide, fitted with 12/84			12/92	WATER STRAINER ASSEMBLY, Comprising 12/70 to 12/78 } 6L3, 7L3, 8L3 with Ram Type Pump 3L3, 4L3, 5L3, 6L3, 8L3 with Centrifugal Type Pump
12/78	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $1\frac{1}{2}$ " long \times $\frac{3}{8}$ " Hex.			12/93	Lubricating Oil Strainer Cage—R.V. Type (Supplied only with 12/94 to 12/96)
12/79	Flange, Oval, Cast Iron, $1\frac{1}{4}$ " Gas \times $3\frac{1}{8}$ " centres \times 3" wide, fitted with 12/84			12/94	Lubricating Oil Strainer Valve (Supplied only with 12/93, 12/95, 12/96)
12/80	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $1\frac{3}{8}$ " long \times $\frac{3}{8}$ " Hex.	12/95	Lubricating Oil Strainer Valve Spring (Supplied only with 12/93, 12/94, 12/96)		
12/81	Flange, Oval, Brass, $1\frac{1}{4}$ " Gas "M." \times $3\frac{1}{8}$ " centres \times 3" wide, fitted with 12/84	12/96	Lubricating Oil Strainer Valve Spring Carrier (Supplied only with 12/93 to 12/95)		
12/82	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{3}{8}$ " Hex.	12/97	Packing, Circular, $\frac{1}{2}$ " \times $\frac{11}{16}$ " \times $\frac{1}{16}$ ", for 12/98		
12/83	Flange, Oval, Brass, $1\frac{1}{4}$ " bore \times $3\frac{1}{8}$ " centres \times 3" wide, fitted with 12/84	12/98	Plug, Faced, $\frac{1}{8}$ " Gas \times $\frac{5}{16}$ " \times $\frac{5}{16}$ " Hex., fitted with 12/27		
12/84	Packing, Oval, $3\frac{1}{8}$ " centres \times 3" wide				

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

FUEL FILTERS—Section 13

Part No.	Description	Plate No.	Part No.	Description
13/1	Fuel Filter Base, fitted with 13/2, 13/4 to 13/6, 13/9, 13/14, 13/15 (Superseded by 13/48, which will be supplied for replacements)	28	13/18	Filter Vent Valve Body, fitted with 13/19, 13/45
13/2	Filter Cover Stud, fitted with 13/4, 13/14, 13/15		13/19	Filter Vent Valve, fitted with 13/18, 13/45
13/3	Split Pin, $\frac{5}{8}$ " diam. \times 1" long		13/20	Reducing Union Stock, $\frac{1}{2}$ " Gas \times $\frac{3}{8}$ " Gas
13/4	Split Pin, $\frac{3}{32}$ " diam. \times $\frac{3}{4}$ " long		13/21	Union Nut and Tail— $\frac{1}{2}$ " Gas Nut—Tail for $\frac{5}{8}$ " O.D. Pipe
13/5	Plug, Cheese Head, $\frac{1}{8}$ " Gas, fitted with 13/6		13/22	Fuel Filter Body, fitted with 13/23, 13/24, 13/26 to 13/28, 13/30
13/6	Packing, Circular, $\frac{17}{32}$ " \times $\frac{3}{8}$ " \times $\frac{1}{32}$ "		13/23	Fuel Filter Base Plug, fitted with 13/24, 13/26
13/7	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. \times $\frac{7}{8}$ " long \times $\frac{5}{16}$ " Hex.		13/24	Packing, Circular, $1\frac{7}{16}$ " \times $1\frac{3}{16}$ " \times $\frac{1}{32}$ "
13/8	Filter Cover, fitted with 13/9, 13/15, 13/17		13/25	Drain Cock, $\frac{1}{4}$ " Gas, fitted with 13/26
13/9	Filter Cover Packing		13/26	Packing, Circular, $\frac{7}{8}$ " \times $\frac{9}{16}$ " \times $\frac{1}{32}$ "
13/10	Filter Cage—Inner		13/27	Filter Cover Stud, fitted with 13/28
13/11	Filter Cage—Outer		13/28	Wing Nut, $\frac{5}{16}$ " Wh.
13/12	Filter Cage Spring		13/29	Filter Cover, fitted with 13/30, 13/32
13/13	Not Allocated		13/30	Filter Cover Packing
13/14	Filter Cap Nut, fitted with 13/15		13/31	Vent Cock, $\frac{1}{8}$ " Gas, fitted with 13/32
13/15	Packing, Circular, $\frac{11}{16}$ " \times $\frac{11}{16}$ " \times $\frac{1}{32}$ "		13/32	Packing, Circular, $\frac{17}{32}$ " \times $\frac{3}{8}$ " \times $\frac{1}{32}$ "
13/16	Drain Cock, $\frac{1}{8}$ " Gas, fitted with 13/17		13/33	Filter Cage
13/17	Packing, Circular, $\frac{5}{8}$ " \times $\frac{3}{8}$ " \times $\frac{1}{32}$ "		13/34	Filter Cage Spring

} First Fuel Filter
Type 1

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

FUEL FILTERS—Section 13

Plate No.	Part No.	Description	Plate No.	Part No.	Description
28	13/35	Stud Union Stock, $\frac{1}{2}$ " Gas \times $\frac{1}{2}$ " Gas		13/51	Stud Union Stock, $\frac{1}{4}$ " Gas \times $\frac{1}{4}$ " Gas
	13/36	Union Nut and Tail— $\frac{1}{2}$ " Gas Nut—Tail for $\frac{5}{8}$ " O.D. Pipe		13/52	Stud Union Stock, $\frac{3}{8}$ " Gas \times $\frac{3}{8}$ " Gas
	13/37	Plug, Cheese Head, $\frac{1}{8}$ " Gas, fitted with 13/38		13/53	FUEL FILTER ASSEMBLY, Comprising 13/2, 13/4, 13/8 to 13/12, 13/14 to 13/17, 13/37, 13/38, 13/46 to 13/50
	13/38	Packing, Circular, $\frac{17}{32}$ " \times $\frac{3}{8}$ " \times $\frac{1}{32}$ "		GFF 3/1	FUEL FILTER ASSEMBLY—TYPE 3
	13/39	Union Nut and Tail— $\frac{3}{8}$ " Gas Nut—Tail for $\frac{3}{8}$ " O.D. Pipe		GFF 3/2	SUMP SUB-ASSEMBLY, Comprising Sump, Centre Spindle and Centre Stud (these items are not supplied separately)
	13/40	FUEL FILTER ASSEMBLY, Comprising 13/1, 13/8 to 13/12, 13/16 to 13/21 (Superseded by 13/53, which will be supplied for replacements)	Fuel Filter on Engine Cylinder	GFF 3/3	Plug (Sump Drain also Air Vent)
	13/41	FUEL FILTER ASSEMBLY, Comprising 13/1, 13/8 to 13/12, 13/16, 13/17, 13/20, 13/21, 13/37 to 13/39 (Superseded by 13/53, which will be supplied for replacements)	First Fuel Filter—Type 2	GFF 3/4	Gasket, for GFF 3/3
	13/42	FUEL FILTER ASSEMBLY, Comprising 13/22 to 13/36	First Fuel Filter—Type 1	GFF 3/5	Head Nut
	13/43	Packing, Circular, $3" \times 2\frac{7}{32}" \times \frac{1}{32}"$ (Type 3 Duplex Fuel Strainer Cover)		GFF 3/6	Gasket, for GFF 3/5
	13/44	Packing, Circular, $1\frac{9}{16}" \times 1\frac{1}{8}" \times \frac{3}{32}"$ (Type 3 Duplex Fuel Strainer Cock Plug)		GFF 3/7	Spring, for GFF 3/8
	13/45	Packing, Circular, $\frac{11}{32}" \times \frac{3}{32}" \times \frac{1}{16}"$ (Type 3 Duplex Fuel Strainer Vent Valve)		GFF 3/8	Centre Spindle Seal Support Plate
	13/46	Packing, Circular, $\frac{11}{16}" \times \frac{1}{2}" \times \frac{1}{16}"$, for 13/50		GFF 3/9	Centre Spindle Seal
	13/47	Packing, Circular, $\frac{7}{8}" \times \frac{5}{8}" \times \frac{1}{32}"$, for 13/49		GFF 3/10	ELEMENT ASSEMBLY (with GFF 3/11) in Carton
	13/48	Fuel Filter Base—Type 2 & 2A, fitted with 13/2, 13/4, 13/9, 13/14, 13/15, 13/37, 13/38, 13/46 to 13/50		GFF 3/11	Seal, for GFF 3/2, GFF 3/13, GFF 3/14
	13/49	Plug, Sq. Hole, $\frac{3}{8}$ " Gas, fitted with 13/47		GFF 3/12	Seal, for GFF 3/10
	13/50	Plug, Faced $\frac{1}{4}$ " Gas \times $\frac{3}{8}$ " \times $\frac{3}{8}$ " Hex., fitted with 13/46		GFF 3/13	HEAD SUB-ASSEMBLY, Comprising GFF 3/3 to GFF 3/6, GFF 3/11, GFF 3/12, GFF 3/14
				GFF 3/14	Filter Head

It is most important that the complete Spare Parts Symbol, (letters and figures, i.e. GFF 3/8, GFF 3/12, etc.) is specified when ordering. The numerical portion alone

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



FUEL FILTERS—Section 13

Part No.	Description	Plate No.	Part No.	Description
GFF 2A/1	FUEL FILTER ASSEMBLY, Comprising 13/2, 13/8, 13/9, } 13/14 to 13/17, 13/37, 13/38, 13/46 to 13/50, GFF 2A/2 }			Fuel Filter Type 2A
GFF 2A/2	Fuel Filter Element—Type 2A (In carton)			

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

AIR INLET AND EXHAUST MANIFOLDS—Section 14

Part No.	Description		Plate No.	Part No.	Description		
14/1	Air Inlet Manifold—3 Block—Left Hand	} Type A	29	14/19	Nut, Steel, $\frac{1}{4}$ " Wh. $\times \frac{1}{4}$ " $\times \frac{1}{4}$ " Hex. 3L3		
14/2	Air Inlet Manifold—3 Block—Right Hand			14/20	Setscrew, Hex. Head, $\frac{1}{4}$ " Wh. $\times 1$ " long $\times \frac{3}{16}$ " Hex., fitted with 14/21 } 4L3, 5L3, 6L3, 7L3, 8L3		
14/3	Air Inlet Manifold—2 Block—Left Hand			14/21	Nut, Steel, $\frac{1}{4}$ " Wh. $\times \frac{1}{4}$ " $\times \frac{3}{16}$ " Hex. 4L3, 5L3, 6L3, 7L3, 8L3		
14/4	Air Inlet Manifold—2 Block—Right Hand			14/22	Air Inlet Manifold Elbow, $7\frac{1}{4}$ " centres		
14/5	Air Muffle Elbow			14/23	Stud, $\frac{5}{16}$ " Wh. $\times 1\frac{1}{4}$ " long, fitted with 14/24		
14/6	Air Muffle			14/24	Nut, Steel, $\frac{5}{16}$ " Wh. $\times \frac{5}{16}$ " $\times \frac{5}{16}$ " Hex.		
14/7	Setscrew, Hex. Head, $\frac{1}{4}$ " Wh. $\times \frac{7}{8}$ " long $\times \frac{1}{4}$ " Hex., fitted with 14/8			14/25	Air Inlet Pipe, $17" \times 6\frac{1}{2}" \times 2\frac{1}{2}"$		
14/8	Washer, Steel, $\frac{1}{4}$ " diam.			14/26	Setscrew, Hex. Head, $\frac{1}{4}$ " Wh. $\times \frac{1}{2}$ " long $\times \frac{1}{4}$ " Hex.		
14/9	Setscrew, Hex. Head, $\frac{1}{4}$ " Wh. $\times \frac{3}{4}$ " long $\times \frac{1}{4}$ " Hex., fitted with 14/10			} Type B To suit Engines with Manifolds Arranged as Layout "A" Plate 30	30	14/27	Exhaust Manifold—Plain—Section A, fitted with 14/34, 14/38, 14/41, 14/110
14/10	Washer, Steel, $\frac{1}{4}$ " diam.					14/28	Exhaust Manifold—Plain—Section B, fitted with 14/34, 14/38, 14/41, 14/110
14/11	Air Inlet Manifold—3 Block—Left Hand, fitted with 14/23, 14/24	14/29	Exhaust Manifold—Plain—Section C, fitted with 14/34, 14/38, 14/41, 14/110				
14/12	Air Inlet Manifold—3 Block—Right Hand, fitted with 14/23, 14/24	14/30	Exhaust Manifold—Plain—Section D, fitted with 14/34, 14/38, 14/41, 14/110				
14/13	Air Inlet Manifold—2 Block—Left Hand, fitted with 14/23, 14/24	14/31	Exhaust Manifold—Plain—Section E, fitted with 14/34, 14/41, 14/110				
14/14	Air Inlet Manifold—2 Block—Right Hand, fitted with 14/23, 14/24	14/32	Plug, Faced, $\frac{1}{2}$ "—20 Thds. $\times \frac{3}{8}" \times \frac{3}{8}"$ Hex.				
14/15	Air Inlet Manifold Cover	14/33	Exhaust Manifold Gland, fitted with 14/34				
14/16	Setscrew, Hex. Head, $\frac{1}{4}$ " Wh. $\times \frac{5}{8}"$ long $\times \frac{1}{4}"$ Hex.	14/34	Exhaust Manifold Gland Packing				
14/17	Air Inlet Manifold Flange	} .. 3L3	14/35			Setscrew, Hex. Head, $\frac{3}{8}"$ Wh. $\times 1\frac{1}{4}"$ long $\times \frac{5}{16}"$ Hex.	
14/18	Setscrew, Hex. Head, $\frac{1}{4}"$ Wh. $\times 1"$ long $\times \frac{3}{16}"$ Hex., fitted with 14/19						

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

AIR INLET AND EXHAUST MANIFOLDS—Section 14

Plate No.	Part No.	Description	Plate No.	Part No.	Description
30	14/36	Exhaust Manifold Blank Flange, fitted with 14/38	31	14/52	Nut, Steel, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{1}{4}$ " Hex.
	14/37	Exhaust Manifold Pipe Flange, 3" Gas, fitted with 14/38		14/53	Exhaust Manifold Section Packing, 6 $\frac{1}{4}$ " centres
	14/38	Exhaust Manifold Flange Packing		14/54	Plug, Hex. Head, $\frac{1}{2}$ "—20 Thds. \times $\frac{3}{8}$ " \times $\frac{3}{8}$ " Hex.
	14/39	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1 $\frac{1}{4}$ " long \times $\frac{5}{16}$ " Hex., fitted with 14/40		14/55	Flange, Oval, Cast Iron, $\frac{1}{2}$ " Gas \times 2 $\frac{1}{2}$ " centres \times 2 $\frac{1}{4}$ " wide, fitted with 14/56
	14/40	Nut, Steel, $\frac{3}{8}$ " Wh. \times $\frac{3}{8}$ " \times $\frac{5}{16}$ " Hex.		14/56	Packing, Oval, 2 $\frac{1}{2}$ " centres \times 2 $\frac{1}{8}$ " wide
30, 31	14/41	Washer, Steel and Asbestos, 3 $\frac{1}{4}$ " \times 2 $\frac{1}{8}$ " \times $\frac{3}{32}$ " (same as 21/23)		14/57	Drain Pipe, $\frac{1}{2}$ " Gas \times 2 $\frac{5}{8}$ " long, fitted with 14/58, 14/59
30	14/42	Exhaust Manifold Shield, 18" long		14/58	Screwed Cap, $\frac{1}{2}$ " Gas, fitted with 14/59
	14/43	Exhaust Manifold Shield, 18 $\frac{3}{4}$ " long		14/59	Disc, Leather, $\frac{3}{4}$ " diam. \times $\frac{1}{16}$ " thick
	14/44	Exhaust Manifold Shield, 27" long		14/60	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{3}{8}$ " Hex.
	14/45	Exhaust Manifold Shield, 27 $\frac{3}{4}$ " long		14/61	Flange, Oval, Cast Iron, Blank, 2 $\frac{1}{2}$ " centres \times 2 $\frac{1}{4}$ " wide, fitted with 14/56
31	14/46	Exhaust Manifold—Water Jacketed—Section A, fitted with 14/41, 14/50, 14/53, 14/54, 14/56, 14/62, 14/65		14/62	Packing, Oval, 1 $\frac{7}{8}$ " centres \times 1 $\frac{3}{8}$ " wide
	14/47	Exhaust Manifold—Water Jacketed—Section B, fitted with 14/41, 14/50, 14/53, 14/54, 14/62		14/63	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. \times $\frac{1}{16}$ " long \times $\frac{1}{4}$ " Hex.
	14/48	Exhaust Manifold—Water Jacketed—Section C, fitted with 14/41, 14/50, 14/53, 14/54, 14/56, 14/62, 14/65		14/64	Flange, Circular, Cast Iron, Blank, 5" centres \times 5 $\frac{3}{4}$ " diam., fitted with 14/65
	14/49	Exhaust Manifold—Water Jacketed—Section D, fitted with 14/41, 14/50, 14/53, 14/54, 14/62		14/65	Packing, Circular, 5 $\frac{3}{4}$ " \times 3 $\frac{1}{2}$ " \times $\frac{1}{8}$ "
	14/50	Exhaust Manifold Section Spigot		14/66	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $\frac{7}{8}$ " long \times $\frac{3}{8}$ " Hex.
	14/51	Bolt, Hex. Head, $\frac{5}{16}$ " Wh. \times 1 $\frac{3}{16}$ " long \times $\frac{1}{4}$ " Hex., fitted with 14/52		14/67	Flange, Circular, Cast Iron, 3" Gas \times 5" centres \times 5 $\frac{3}{4}$ " diam., fitted with 14/65
				14/68	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{5}{16}$ " Hex.
				14/69	Exhaust Manifold Bracket

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

AIR INLET AND EXHAUST MANIFOLDS—Section 14

Part No.	Description	Plate No.	Part No.	Description						
14/70	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times \frac{3}{4}$ " long $\times \frac{5}{16}$ " Hex.	30	14/81	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/28, 14/30, 14/33 to 14/36, 14/38 to 14/41, 14/110, 14/116, 14/119						
14/71	Air Inlet Pipe, $14\frac{3}{4}$ " $\times 6\frac{1}{2}$ " $\times 2\frac{1}{2}$ "		5L3 Port							
14/72	Stud, $\frac{1}{4}$ " Wh. $\times 1\frac{1}{2}$ " long, fitted with 14/21 4L3, 8L3 only				14/82	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/27, 14/29, 14/33 to 14/36, 14/38 to 14/41, 14/110, 14/115, 14/120				
14/73	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/11, 14/17 to 14/19			5L3 Starboard	14/83		EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/27, 14/28, 14/33 to 14/36, 14/38 to 14/41, 14/110, 14/119, 14/120			
14/74	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/13, 14/14, 14/20, 14/21, 14/72		6L3							
14/75	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/11, 14/14, 14/20, 14/21					8L3				
14/76	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/12, 14/13, 14/20, 14/21			31	14/85		EXHAUST MANIFOLD—WATER JACKETED—ASSEMBLY, Comprising 14/46 to 14/48, 14/50 to 14/61, 14/64 to 14/68			
14/77	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/11, 14/12, 14/20, 14/21		To Suit Engines with Manifolds Arranged as Layout "A" Plate 29					14/86	EXHAUST MANIFOLD—WATER JACKETED—ASSEMBLY, Comprising 14/46, 14/48, 14/49 to 14/61, 14/64 to 14/68	
14/78	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/13, 14/14, 14/20, 14/21, 14/72					14/87				EXHAUST MANIFOLD—WATER JACKETED—ASSEMBLY, Comprising 14/46 to 14/61, 14/64 to 14/68
14/79	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/36, 14/38 to 14/41, 14/109, 14/110, 14/118									
14/80	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/29, 14/30, 14/33 to 14/36, 14/38 to 14/41, 14/110, 14/115, 14/116	14/89		EXHAUST MANIFOLD—WATER JACKETED—ASSEMBLY, Comprising 14/46 to 14/61, 14/64 to 14/68						
			14/90		EXHAUST MANIFOLD—WATER JACKETED—ASSEMBLY, Comprising 14/46, 14/48 to 14/61, 14/64 to 14/68					

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



AIR INLET AND EXHAUST MANIFOLDS—Section 14

Plate No.	Part No.	Description	Plate No.	Part No.	Description
	14/91	Exhaust Manifold Section Packing, 6 $\frac{5}{16}$ " centres		14/105	Air Inlet Pipe, 11 $\frac{3}{4}$ " \times 6 $\frac{1}{2}$ " \times 2 $\frac{1}{2}$ "
	14/92	Packing, Circular, 1 $\frac{1}{16}$ " \times $\frac{25}{32}$ " \times $\frac{1}{32}$ " (Exhaust Manifold Cleaning Hole Plug)		14/106	Air Inlet Pipe, 9" \times 12 $\frac{7}{8}$ " \times 2 $\frac{1}{2}$ "
	14/93	Air Inlet Manifold—2 Block—Left Hand, fitted with 14/70, 14/102	To Suit Engines with Manifolds Arranged as Layout " B " Plate 29	14/107	Air Inlet Pipe, 11 $\frac{3}{4}$ " \times 12 $\frac{7}{8}$ " \times 2 $\frac{1}{2}$ "
	14/94	Air Inlet Manifold—2 Block—Right Hand, fitted with 14/23, 14/24		14/108	Air Inlet Pipe, 14 $\frac{3}{4}$ " \times 12 $\frac{7}{8}$ " \times 2 $\frac{1}{2}$ "
	14/95	Air Inlet Manifold—2 Block—Left Hand, fitted with 14/23, 14/24		14/109	Exhaust Manifold—Plain—Section F, fitted with 14/38, 14/41, 14/110
	14/96	Air Inlet Manifold—2 Block—Right Hand, fitted with 14/70, 14/102		14/110	Plug, Faced, $\frac{1}{4}$ " Gas \times $\frac{3}{8}$ " \times $\frac{3}{8}$ " Hex.
	14/97	Air Inlet Manifold—3 Block—Left Hand, fitted with 14/23, 14/24		14/111	Exhaust Manifold Pipe Flange, 3 $\frac{1}{2}$ " Gas, fitted with 14/38
	14/98	Air Inlet Manifold—3 Block—Left Hand, fitted with 14/23, 14/24		14/112	Bolt, Hex. Head, $\frac{3}{8}$ " Wh. \times 1 $\frac{7}{8}$ " \times $\frac{5}{16}$ " Hex., fitted with 14/40
	14/99	Air Inlet Manifold—3 Block—Right Hand, fitted with 14/23, 14/24		14/113	Exhaust Manifold Pipe Connection, 4" Gas, fitted with 14/38
	14/100	Air Inlet Manifold—5 Block—Port, fitted with 14/23, 14/24		14/114	Exhaust Manifold Pipe Connection, 4 $\frac{1}{2}$ " Bore, fitted with 14/38
	14/101	Air Inlet Manifold—5 Block—Starboard, fitted with 14/23, 14/24		14/115	Exhaust Manifold Shield, 16 $\frac{3}{4}$ " long
	14/102	Air Inlet Manifold Cover, for 14/93, 14/96		14/116	Exhaust Manifold Shield, 18" long
	14/103	Air Inlet Manifold Elbow, 13 $\frac{1}{4}$ " centres	14/117	Exhaust Manifold Shield, 18 $\frac{3}{4}$ " long	
	14/104	Air Inlet Pipe, 4 $\frac{3}{8}$ " \times 6 $\frac{1}{2}$ " \times 2 $\frac{1}{2}$ "	14/118	Exhaust Manifold Shield, 25" long	
			14/119	Exhaust Manifold Shield, 25 $\frac{3}{4}$ " long	
			14/120	Exhaust Manifold Shield, 27" long	

To Suit Engines
with Manifolds
Arranged as
Layout " A "
Plate 30

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



AIR INLET AND EXHAUST MANIFOLDS—Section 14

Part No.	Description	Plate No.	Part No.	Description
14/121	Exhaust Manifold Shield, 16 $\frac{9}{16}$ " long	To Suit Engines with Manifolds Arranged as Layout " B " Plate 30	14/134	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/36, 14/38 to 14/41, 14/109, 14/110, 14/124
14/122	Exhaust Manifold Shield, 18 $\frac{1}{16}$ " long			
14/123	Exhaust Manifold Shield, 18 $\frac{5}{8}$ " long		14/135	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/29, 14/30, 14/33 to 14/35, 14/36, 14/38 to 14/41, 14/110, 14/121, 14/122
14/124	Exhaust Manifold Shield, 25" long			
14/125	Exhaust Manifold Shield, 25 $\frac{9}{16}$ " long		14/136	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/27, 14/29, 14/33 to 14/35, 14/36, 14/38 to 14/41, 14/110, 14/121, 14/126
14/126	Exhaust Manifold Shield, 27 $\frac{1}{16}$ " long			
14/127	Exhaust Manifold Shield, 27 $\frac{5}{8}$ " long		14/137	EXHAUST MANIFOLD — PLAIN — ASSEMBLY, Comprising 14/28, 14/30, 14/33 to 14/35, 14/36, 14/38 to 14/41, 14/110, 14/121, 14/126
14/128	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/17 to 14/19, 14/23, 14/24, 14/97	3L3		
14/129	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/20, 14/21, 14/23, 14/24, 14/70, 14/72, 14/93, 14/94, 14/102		4L3	14/138
14/130	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/23, 14/24, 14/100	5L3 Port		
14/131	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/23, 14/24, 14/101		5L3 Starboard	14/139
14/132	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/20, 14/21, 14/23, 14/24, 14/98, 14/99	6L3		
14/133	AIR INLET MANIFOLD ASSEMBLY, Comprising 14/20, 14/21, 14/23, 14/24, 14/70, 14/72, 14/93 to 14/96, 14/102		8L3	

To Suit Engines with Manifolds Arranged as Layout " B " Plate 30

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

LUBRICATING OIL COOLER—Section 15

Part No.	Description	Plate No.	Part No.	Description
15/1	Lubricating Oil Cooler Pipe—Outer—Section A, fitted with 15/8, 15/14, 15/45, 15/46	32	15/18	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{3}{8}$ " Hex.
15/2	Lubricating Oil Cooler Pipe—Outer—Section B, fitted with 15/8, 15/14, 15/45, 15/46		15/19	Flange, Oval, Cast Iron, 1" Gas \times $2\frac{5}{8}$ " centres \times $2\frac{1}{2}$ " wide, fitted with 15/14
15/3	Lubricating Oil Cooler Pipe—Outer—Section C, fitted with 15/8, 15/14		15/20	Flange, Oval, Cast Iron, $1\frac{1}{2}$ " Gas \times $2\frac{5}{8}$ " centres \times $2\frac{1}{2}$ " wide, fitted with 15/14
15/4	Lubricating Oil Cooler Pipe—Outer—Section D, fitted with 15/8, 15/14		15/21	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $1\frac{1}{4}$ " long \times $\frac{3}{8}$ " Hex.
15/5	Lubricating Oil Cooler Pipe—Outer—Section E, fitted with 15/8, 15/14		15/22	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
15/6	Plug, Faced, $\frac{1}{2}$ "—20 Thds. \times $\frac{3}{8}$ " \times $\frac{3}{8}$ " Hex., fitted with 15/7		15/23	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
15/7	Packing, Circular, $1" \times \frac{1}{2}" \times \frac{1}{16}"$		15/24	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
15/8	Packing, Circular, $4\frac{1}{8}" \times 2\frac{1}{4}" \times 3\frac{3}{8}"$ centres		15/25	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
15/9	Bolt, Hex. Head, $\frac{3}{8}$ " Wh. \times $1\frac{1}{8}"$ long \times $\frac{5}{16}"$ Hex., fitted with 15/10		15/26	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
15/10	Nut, Steel, $\frac{3}{8}$ " Wh. \times $\frac{5}{16}" \times \frac{5}{16}"$ Hex.		15/27	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
15/11	Bolt, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{5}{16}"$ Hex., fitted with 15/10		15/28	Packing, Oval, 2" centres \times $1\frac{5}{8}"$ wide
15/12	Oil Cooler Swivel Bolt, fitted with 15/10 (Indented Tube Cooler)		15/29	Setscrew, Hex. Head, $\frac{5}{16}"$ Wh. \times $1\frac{1}{8}"$ long \times $\frac{5}{16}"$ Hex., fitted with 15/30
15/13	Flange, Oval, Cast Iron, Blank, $2\frac{5}{8}"$ centres \times $2\frac{1}{2}"$ wide, fitted with 15/14		15/30	Nut, Steel, $\frac{5}{16}"$ Wh. \times $\frac{5}{16}" \times \frac{5}{16}"$ Hex.
15/14	Packing, Oval, $2\frac{5}{8}"$ centres \times $2\frac{1}{2}"$ wide		15/31	Lubricating Oil Cooler Flange—Chaincase End, fitted with 15/8, 15/32
15/15	Setscrew, Hex. Head, $\frac{3}{8}"$ Wh. \times $\frac{7}{8}"$ long		15/32	Joint Ring, $2\frac{3}{16}"$ O.D. \times $\frac{1}{4}"$ Sectional diam.
15/16	Flange, Oval, Brass, 1" bore \times $2\frac{5}{8}"$ centres \times $2\frac{1}{2}"$ wide, fitted with 15/14			
15/17	Flange, Oval, Brass, $1\frac{1}{4}"$ bore \times $2\frac{5}{8}"$ centres \times $2\frac{1}{2}"$ wide, fitted with 15/14			

} 3L3	}	Port
} 4L3		
} 5L3		
} 6L3		
} 7L3		
} 8L3		
} Indented Tube Cooler		

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



LUBRICATING OIL COOLER—Section 15

Plate No.	Part No.	Description	Plate No.	Part No.	Description
32	15/33	C.J. Union (2 Pieces), $\frac{7}{8}$ " O.D. Pipe \times $\frac{3}{4}$ " Gas "M.," supplied with 21/72		15/44	Joint Ring, $2\frac{7}{16}$ " O.D. \times $\frac{1}{4}$ " Sectional Diam. (Multi-Tube Cooler)
	15/34	Lubricating Oil Cooler Bracket (Non-Unit Construction Engines with Indented Tube Oil Cooler)		15/45	Plug, Faced, $\frac{1}{4}$ " Gas \times $\frac{3}{8}$ " \times $\frac{3}{8}$ " Hex., fitted with 15/46
	15/35	Lubricating Oil Cooler Steady Bracket 7L3, 8L3 only		15/46	Packing, Circular, $\frac{11}{16}$ " \times $\frac{1}{2}$ " \times $\frac{1}{16}$ "
	15/36	Lubricating Oil Cooler Bracket Stationary Engines only		15/47	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
	15/37	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. \times $\frac{7}{8}$ " long \times $\frac{5}{16}$ " Hex.		15/48	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
	15/38	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/1, 15/10 to 15/15, 15/22, 15/31 to 15/33, 15/45, 15/46	} 3L3 } 4L3 } 5L3 } 6L3 } 8L3 } 3L3 } 4L3 } 5L3 } 6L3	15/49	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
	15/39	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/15, 15/23, 15/31 to 15/33, 15/45, 15/46		15/50	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
	15/40	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/15, 15/24, 15/31 to 15/33, 15/45, 15/46		15/51	Lubricating Oil Cooler Pipe—Inner—Indented, fitted with 15/8, 15/28, 15/32
	15/41	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/3, 15/8 to 15/15, 15/25, 15/31 to 15/33, 15/45, 15/46		15/52	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/1, 15/10 to 15/15, 15/31 to 15/33, 15/45 to 15/47
	15/42	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/4, 15/5, 15/8 to 15/15, 15/26, 15/31 to 15/33, 15/45, 15/46		15/53	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/15, 15/31 to 15/33, 15/45, 15/46, 15/48
	15/43	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/4, 15/5, 15/8 to 15/15, 15/27, 15/31 to 15/33, 15/45, 15/46		15/54	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/15, 15/31 to 15/33, 15/45, 15/46, 15/49
				15/55	LUBRICATING OIL COOLER ASSEMBLY— INDENTED TUBE TYPE, Comprising 15/2, 15/3, 15/8 to 15/15, 15/31 to 15/33, 15/45, 15/46, 15/50

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



LUBRICATING OIL COOLER—Section 15

Part No.	Description	Plate No.	Part No.	Description
15/56	LUBRICATING OIL COOLER ASSEMBLY—INDENTED TUBE TYPE, Comprising 15/2, 15/4, 15/5, 15/8 to 15/15, 15/31 to 15/33, 15/45, 15/46, 15/51	8L3	15/70	LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/59, 15/63 to 15/67
15/57	Lubricating Oil Cooler Bracket (Engines with Multi-Tube Oil Cooler and Unit-Construction Engines with Indented Tube Oil Cooler)		15/71	LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/60, 15/63 to 15/67
15/58	Flange, Oval, Brass, 1½" Bore × 2½" centres × 2½" wide, fitted with 15/14		15/72	LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/3, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/61, 15/63 to 15/67
15/59	Lubricating Oil Cooler Pipe—Inner—Multi-Tube, fitted with 15/8, 15/44 ..	4L3	15/73	LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/4, 15/5, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/62 to 15/67
15/60	Lubricating Oil Cooler Pipe—Inner—Multi-Tube, fitted with 15/8, 15/44 ..	5L3	15/74	LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/59, 15/63 to 15/66, 15/68
15/61	Lubricating Oil Cooler Pipe—Inner—Multi-Tube, fitted with 15/8, 15/44 ..	6L3	15/75	LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/5, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/60, 15/63 to 15/66, 15/68
15/62	Lubricating Oil Cooler Pipe—Inner—Multi-Tube, fitted with 15/8, 15/44 ..	8L3	15/76	LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/3, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/61, 15/63 to 15/66, 15/68
15/63	Lubricating Oil Cooler Flange—Chaincase End, fitted with 15/8, 15/44 (Multi-Tube Cooler)			
15/64	Bolt, Hex. Head, ⅜" Wh. × 1⅜" long × ⅝" Hex., fitted with 15/10			
15/65	Oil Cooler Swivel Bolt, fitted with 15/10 (Multi-Tube Cooler)			
15/66	C.J. Union (2 pieces), 1" O.D. Pipe × 1" Gas "M.", supplied with 21/67			
15/67	Lubricating Oil Cooler Flange—Flywheel End, fitted with 15/8, 15/28 (Multi-Tube Cooler)	Port		
15/68	Lubricating Oil Cooler Flange—Flywheel End, fitted with 15/8, 15/28 (Multi-Tube Cooler)	Starboard		
15/69	Setscrew, Hex. Head, ⅜" Wh. × 1⅜" long × ⅜" Hex.			

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



LUBRICATING OIL COOLER—Section 15

Plate No.	Part No.	Description	Plate No.	Part No.	Description
15/77		LUBRICATING OIL COOLER ASSEMBLY—MULTI-TUBE TYPE, Comprising 15/2, 15/4, 15/5, 15/8 to 15/10, 15/13 to 15/15, 15/28, 15/44 to 15/46, 15/62 to 15/66, 15/68			
		8L3			Starboard

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



LUBRICATING OIL PIPES—Section 16

Part No.	Description	Plate No.	Part No.	Description
16/1	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 3L3	33	16/19	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 3L3
16/2	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 4L3		16/20	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 4L3
16/3	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 5L3		16/21	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 5L3
16/4	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 6L3		16/22	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 6L3
16/5	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 7L3		16/23	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 7L3
16/6	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 8L3		16/24	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 8L3
16/7	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 3L3		16/25	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 3L3
16/8	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 4L3		16/26	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 4L3
16/9	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 5L3		16/27	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 5L3
16/10	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 6L3		16/28	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 6L3
16/11	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 7L3		16/29	Pipe C, Delivery Strainer to Distribution Pipe, fitted with } 12/33, 16/37 .. 7L3
16/12	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 8L3		16/30	Pipe C, Delivery Strainer to Distribution Pipe, fitted with } 12/33, 16/37 .. 8L3
16/13	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 3L3		16/31	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 3L3
16/14	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 4L3		16/32	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 4L3
16/15	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 5L3		16/33	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 5L3
16/16	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 6L3		16/34	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33 .. 6L3
16/17	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 7L3			
16/18	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 8L3			

Port,
Forward
Rotation

Starboard,
Forward
Rotation

Port,
Forward
Rotation

Starboard,
Forward
Rotation

Port

Starboard

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part,



LUBRICATING OIL PIPES—Section 16

Plate No.	Part No.	Description	Plate No.	Part No.	Description
33	16/35	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33, 16/37 } .. 7L3	33	16/52	Locknut, Steel, $\frac{1}{2}$ " Gas $\times \frac{3}{8}$ " $\times \frac{3}{8}$ " Hex.
	16/36	Pipe C, Delivery Strainer to Distribution Pipe, fitted with 12/33, 16/37 } .. 8L3		16/53	Pipe E, Branch to Main Bearing—Flywheel End
	16/37	Packing, Oval, 2" centres $\times 1\frac{5}{8}$ " wide		16/54	Pipe E, Branch to all Bearings except Flywheel End
	16/38	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times 1\frac{1}{8}$ " long $\times \frac{1}{4}$ " Hex., fitted with 16/39 } .. 7L3, 8L3 only		16/55	Pipe E, Branch to Main Bearing—Flywheel End
	16/39	Nut, Steel, $\frac{5}{16}$ " Wh. $\times \frac{5}{16}$ " $\times \frac{5}{16}$ " Hex.		16/56	Pipe E, Branch to all Bearings except Flywheel End
	16/40	Pipe D, Distribution to Main Bearings, fitted with 16/52 3L3		16/57	Pipe F, to Pressure Gauge—Port
	16/41	Pipe D, Distribution to Main Bearings, fitted with 16/52 4L3		16/58	Pipe F, to Pressure Gauge—Starboard
	16/42	Pipe D, Distribution to Main Bearings, fitted with 16/52 5L3		16/59	Not Allocated
	16/43	Pipe D, Distribution to Main Bearings, fitted with 16/52 6L3		16/60	Pipe G, Distribution to Valve Levers
	16/44	Pipe D, Distribution to Main Bearings, fitted with 16/37, 16/52 .. 7L3		16/61	Pipe G, Distribution to Valve Levers
	16/45	Pipe D, Distribution to Main Bearings, fitted with 16/37, 16/52 .. 8L3		16/62	Pipe G, Distribution to Valve Levers
	16/46	Pipe D, Distribution to Main Bearings, fitted with 16/52 3L3		16/63	Pipe G, Distribution to Valve Levers
	16/47	Pipe D, Distribution to Main Bearings, fitted with 16/52 4L3		16/64	Pipe G, Distribution to Valve Levers
	16/48	Pipe D, Distribution to Main Bearings, fitted with 16/52 5L3		16/65	Pipe G, Distribution to Valve Levers
	16/49	Pipe D, Distribution to Main Bearings, fitted with 16/52 6L3		16/66	Pipe H, "U" Pipe to Valve Levers
	16/50	Pipe D, Distribution to Main Bearings, fitted with 16/37, 16/52 .. 7L3		16/67	Pipe J, "U" Pipe to Valve Levers
	16/51	Pipe D, Distribution to Main Bearings, fitted with 16/37, 16/52 .. 8L3		16/68	Pipe K, Delivery from Strainer, fitted with 12/49 3L3
				16/69	Pipe K, Delivery from Strainer, fitted with 12/49 4L3

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

Part No.	Description	Plate No.	Part No.	Description
16/70	Pipe K, Delivery from Strainer, fitted with 12/49 5L3	33	16/87	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times 1\frac{1}{8}$ " long $\times \frac{5}{16}$ " Hex., fitted with 16/88
16/71	Pipe K, Delivery from Strainer, fitted with 12/49 6L3		16/88	Nut, Steel, $\frac{5}{16}$ " Wh. $\times \frac{5}{16}$ " $\times \frac{5}{16}$ " Hex.
16/72	Pipe K, Delivery from Strainer, fitted with 12/49 7L3		16/89	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 3L3
16/73	Pipe K, Delivery from Strainer, fitted with 12/49 8L3		16/90	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 4L3
16/74	Pipe K, Delivery from Strainer, fitted with 12/49 3L3		16/91	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 5L3
16/75	Pipe K, Delivery from Strainer, fitted with 12/49 4L3		16/92	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 6L3
16/76	Pipe K, Delivery from Strainer, fitted with 12/49 5L3		16/93	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 7L3
16/77	Pipe K, Delivery from Strainer, fitted with 12/49 6L3		16/94	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 8L3
16/78	Pipe K, Delivery from Strainer, fitted with 12/49 7L3		16/95	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 3L3
16/79	Pipe K, Delivery from Strainer, fitted with 12/49 8L3		16/96	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 4L3
16/80	Pipe L, Strainer to Oil Cooler—Port, fitted with 12/49, 15/28		16/97	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 5L3
16/81	Pipe L, Strainer to Oil Cooler—Starboard, fitted with 12/49, 15/28		16/98	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 6L3
16/82	Pipe M, Delivery from Oil Cooler, fitted with 16/86.. .. 3L3		16/99	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 7L3
16/83	Pipe M, Delivery from Oil Cooler, fitted with 16/86 {4L3, 5L3, 6L3, 7L3, 8L3}		16/100	Pipe N, Delivery from Oil Cooler, fitted with 16/86, 16/101 .. 8L3
16/84	Pipe M, Delivery from Oil Cooler, fitted with 16/86.. .. 3L3		16/101	Packing, Oval, 2" centres $\times 1\frac{1}{2}$ " wide
16/85	Pipe M, Delivery from Oil Cooler, fitted with 16/86 {4L3, 5L3, 6L3, 7L3, 8L3}		16/102	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times 1\frac{1}{8}$ " long $\times \frac{5}{16}$ " Hex., fitted with 16/103
16/86	Packing, Oval, 2" centres $\times 1\frac{1}{2}$ " wide		16/103	Nut, Steel, $\frac{5}{16}$ " Wh. $\times \frac{5}{16}$ " $\times \frac{5}{16}$ " Hex.

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



LUBRICATING OIL PIPES—Section 16

Plate No.	Part No.	Description	Plate No.	Part No.	Description				
33	16/104	Pipe O, to Governor and Gears, fitted with 16/101 3L3	33	16/122	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 8L3				
	16/105	Pipe O, to Governor and Gears, fitted with 16/101 4L3							
	16/106	Pipe O, to Governor and Gears, fitted with 16/101 5L3				16/123	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 3L3		
	16/107	Pipe O, to Governor and Gears, fitted with 16/101 6L3							
	16/108	Pipe O, to Governor and Gears, fitted with 16/101 7L3							
	16/109	Pipe O, to Governor and Gears, fitted with 16/101 8L3							
	16/110	Pipe O, to Governor and Gears, fitted with 16/101 3L3						16/124	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 4L3
	16/111	Pipe O, to Governor and Gears, fitted with 16/101 4L3							
	16/112	Pipe O, to Governor and Gears, fitted with 16/101 5L3							
	16/113	Pipe O, to Governor and Gears, fitted with 16/101 6L3							
	16/114	Pipe O, to Governor and Gears, fitted with 16/101 7L3							
	16/115	Pipe O, to Governor and Gears, fitted with 16/101 8L3							
	16/116	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times \frac{7}{8}$ " long $\times \frac{5}{16}$ " Hex.				16/125	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 5L3		
	16/117	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 3L3							
	16/118	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 4L3							
	16/119	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 5L3							
	16/120	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 6L3							
	16/121	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 7L3							
								16/126	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 6L3
			16/127	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 7L3					
			16/128	Pipe A, Foot Valve to Pump, fitted with 2/156, 12/23 8L3					
			16/129	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 3L3					
			16/130	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 4L3					
			16/131	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 5L3					
			16/132	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 6L3					
			16/133	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 7L3					
			16/134	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 8L3					
			16/135	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 3L3					
			16/136	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 4L3					
			16/137	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 5L3					
			16/138	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 6L3					

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



LUBRICATING OIL PIPES—Section 16

Part No.	Description	Plate No.	Part No.	Description
16/139	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 7L3	7L3		Starboard, Reverse Rotation
16/140	Pipe B, Pump to Delivery Strainer, fitted with 12/23, 12/47 .. 8L3	8L3		
16/141	Packing, Circular, $1\frac{3}{8}'' \times \frac{27}{32}'' \times \frac{1}{16}''$ (Sump Pump Suction Pipe Connection)			
16/142	Packing, Circular, $1'' \times \frac{1}{2}'' \times \frac{1}{18}''$ (Sump Pump Suction Pipe Stock)			
16/143	Packing, Circular, $1\frac{1}{16}'' \times \frac{25}{32}'' \times \frac{1}{32}''$ (Lubricating Oil Thermometer)			

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



FUEL PIPES—Section 17

Part No	Description	Plate No.	Part No.	Description
17/1	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 3L3	34	17/18	Sprayer Pipe—No. 1 Cylinder
17/2	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 4L3		17/19	Sprayer Pipe—No. 2 Cylinder
17/3	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 5L3		17/20	Sprayer Pipe—No. 3 Cylinder
17/4	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 6L3		17/21	Sprayer Pipe—No. 1 Cylinder
17/5	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 7L3		17/22	Sprayer Pipe—No. 2 Cylinder
17/6	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 8L3		17/23	Sprayer Pipe—No. 3 Cylinder
17/7	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 3L3		17/24	Sprayer Pipe—No. 4 Cylinder
17/8	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 4L3		17/25	Sprayer Pipe—No. 1 Cylinder
17/9	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 5L3		17/26	Sprayer Pipe—No. 2 Cylinder
17/10	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 6L3		17/27	Sprayer Pipe—No. 3 Cylinder
17/11	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 7L3		17/28	Sprayer Pipe—No. 4 Cylinder
17/12	Fuel Pump Supply Pipe, fitted with 17/14, 10/119 8L3		17/29	Sprayer Pipe—No. 1 Cylinder
17/13	Fuel Pump Supply Pipe Air Vessel, fitted with 17/14		17/30	Sprayer Pipe—No. 2 Cylinder
17/14	Packing, Circular, $1\frac{1}{4}'' \times \frac{13}{16}'' \times \frac{1}{32}''$		17/31	Sprayer Pipe—No. 3 Cylinder
17/15	Sprayer Pipe—No. 1 Cylinder	17/32	Sprayer Pipe—No. 4 Cylinder	
17/16	Sprayer Pipe—No. 2 Cylinder	17/33	Sprayer Pipe—No. 5 Cylinder	
17/17	Sprayer Pipe—No. 3 Cylinder	17/34	Sprayer Pipe—No. 1 Cylinder	
		17/35	Sprayer Pipe—No. 2 Cylinder	

Port

Starboard

3L3 Port

3L3 Starboard

4L3 Port

4L3 Starboard

5L3 Port

5L3 Starboard

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



FUEL PIPES—Section 17

Plate No.	Part No.	Description	Plate No.	Part No.	Description
34	17/36	Sprayer Pipe—No. 3 Cylinder	34	17/54	Sprayer Pipe—No. 4 Cylinder
	17/37	Sprayer Pipe—No. 4 Cylinder		17/55	Sprayer Pipe—No. 5 Cylinder
	17/38	Sprayer Pipe—No. 5 Cylinder		17/56	Sprayer Pipe—No. 6 Cylinder
	17/39	Sprayer Pipe—No. 1 Cylinder		17/57	Sprayer Pipe—No. 7 Cylinder
	17/40	Sprayer Pipe—No. 2 Cylinder		17/58	Sprayer Pipe—No. 1 Cylinder
	17/41	Sprayer Pipe—No. 3 Cylinder		17/59	Sprayer Pipe—No. 2 Cylinder
	17/42	Sprayer Pipe—No. 4 Cylinder		17/60	Sprayer Pipe—No. 3 Cylinder
	17/43	Sprayer Pipe—No. 5 Cylinder		17/61	Sprayer Pipe—No. 4 Cylinder
	17/44	Sprayer Pipe—No. 6 Cylinder		17/62	Sprayer Pipe—No. 5 Cylinder
	17/45	Sprayer Pipe—No. 1 Cylinder		17/63	Sprayer Pipe—No. 6 Cylinder
	17/46	Sprayer Pipe—No. 2 Cylinder		17/64	Sprayer Pipe—No. 7 Cylinder
	17/47	Sprayer Pipe—No. 3 Cylinder		17/65	Sprayer Pipe—No. 1 Cylinder
	17/48	Sprayer Pipe—No. 4 Cylinder		17/66	Sprayer Pipe—No. 2 Cylinder
	17/49	Sprayer Pipe—No. 5 Cylinder		17/67	Sprayer Pipe—No. 3 Cylinder
	17/50	Sprayer Pipe—No. 6 Cylinder		17/68	Sprayer Pipe—No. 4 Cylinder
	17/51	Sprayer Pipe—No. 1 Cylinder		17/69	Sprayer Pipe—No. 5 Cylinder
	17/52	Sprayer Pipe—No. 2 Cylinder		17/70	Sprayer Pipe—No. 6 Cylinder
	17/53	Sprayer Pipe—No. 3 Cylinder		17/71	Sprayer Pipe—No. 7 Cylinder
				17/72	Sprayer Pipe—No. 8 Cylinder

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



FUEL PIPES—Section 17

Part No.	Description	Plate No.	Part No.	Description
17/73	Sprayer Pipe—No. 1 Cylinder	34	17/91	Sprayer Overflow Pipe 3L3
17/74	Sprayer Pipe—No. 2 Cylinder		17/92	Sprayer Overflow Pipe 4L3
17/75	Sprayer Pipe—No. 3 Cylinder		17/93	Sprayer Overflow Pipe 5L3
17/76	Sprayer Pipe—No. 4 Cylinder		17/94	Sprayer Overflow Pipe 6L3
17/77	Sprayer Pipe—No. 5 Cylinder		17/95	Sprayer Overflow Pipe 7L3
17/78	Sprayer Pipe—No. 6 Cylinder		17/96	Sprayer Overflow Pipe 8L3
17/79	Sprayer Pipe—No. 7 Cylinder		17/97	Union Tail, fitted with 17/98
17/80	Sprayer Pipe—No. 8 Cylinder		17/98	Union Nut, fitted with 17/97
17/81	Pipe Clip, 2— $\frac{1}{4}$ " Pipes (2 Pieces), fitted with 17/84		17/99	Set of Sprayer Pipes, Comprising 17/15 to 17/17 3L3
17/82	Pipe Clip, 3— $\frac{1}{4}$ " Pipes (2 Pieces), fitted with 17/84		17/100	Set of Sprayer Pipes, Comprising 17/21 to 17/24 4L3
17/83	Pipe Clip, 4— $\frac{1}{4}$ " Pipes (2 Pieces), fitted with 17/84	17/101	Set of Sprayer Pipes, Comprising 17/29 to 17/33 5L3	
17/84	Setscrew, Cheese Head, 1B.A. $\times \frac{9}{16}$ " long	17/102	Set of Sprayer Pipes, Comprising 17/39 to 17/44 6L3	
17/85	Sprayer Overflow Pipe 3L3	17/103	Set of Sprayer Pipes, Comprising 17/51 to 17/57 7L3	
17/86	Sprayer Overflow Pipe 4L3	17/104	Set of Sprayer Pipes, Comprising 17/65 to 17/72 8L3	
17/87	Sprayer Overflow Pipe 5L3	17/105	Set of Sprayer Pipes, Comprising 17/18 to 17/20 3L3	
17/88	Sprayer Overflow Pipe 6L3	17/106	Set of Sprayer Pipes, Comprising 17/25 to 17/28 4L3	
17/89	Sprayer Overflow Pipe 7L3	17/107	Set of Sprayer Pipes, Comprising 17/34 to 17/38 5L3	
17/90	Sprayer Overflow Pipe 8L3	17/108	Set of Sprayer Pipes, Comprising 17/45 to 17/50 6L3	
		17/109	Set of Sprayer Pipes, Comprising 17/58 to 17/64 7L3	
		17/110	Set of Sprayer Pipes, Comprising 17/73 to 17/80 8L3	

.. .. . 8L3 Starboard

Starboard

Port

Port

Starboard

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

WATER PIPES—Section 18

Part No.	Description	Plate No.	Part No.	Description
	TYPE A, i.e., WITH RAM TYPE WATER PUMP, LUBRICATING OIL COOLER PLAIN EXHAUST MANIFOLD AND TEMPERATURE CONTROL PIPE FROM WATER OUTLET TO WATER PUMP	35	18/13	Ram Water Pump Delivery Connection, fitted with 5/51, 18/16, 18/18 } 3L3, 4L3, Types A and B
18/1	Inlet Water Pipe—Cooler to Pump Suction, fitted with 5/51, 15/14 } 3L3		18/14	Ram Water Pump Delivery Connection, fitted with 5/51, 18/17, 18/18 } 5L3, Types A and B
18/2	Inlet Water Pipe—Cooler to Pump Suction, fitted with 5/51, 15/14 } 4L3		18/15	Ram Water Pump Delivery Connection, fitted with 6/47, 18/17, 18/18 } 6L3, 8L3, Types A and B
18/3	Inlet Water Pipe—Cooler to Pump Suction, fitted with 5/51, 15/14 } 5L3		18/16	Connection Hose, 1 $\frac{1}{8}$ " bore, fitted with 18/18
18/4	Inlet Water Pipe—Cooler to Pump Suction, fitted with 6/47, 15/14 } 6L3		35, 36	18/17 Connection Hose, 1 $\frac{3}{8}$ " bore, fitted with 18/18
18/5	Inlet Water Pipe—Cooler to Pump Suction, fitted with 6/47, 15/14 } 7L3		18/18	Hose Clip
18/6	Inlet Water Pipe—Cooler to Pump Suction, fitted with 6/47, 15/14 } 8L3		35	18/19 Water Inlet Pipe Bend, fitted with 18/16 to 18/18 4L3
18/7	Inlet Water Pipe—Cooler to Pump Suction, fitted with 5/51, 15/14 } 3L3		18/20	Water Inlet Pipe Bend, fitted with 18/17, 18/18 5L3, 6L3
18/8	Inlet Water Pipe—Cooler to Pump Suction, fitted with 5/51, 15/14 } 4L3		18/21	Water Inlet Pipe Bend, fitted with 18/17, 18/18 7L3, 8L3
18/9	Inlet Water Pipe—Cooler to Pump Suction, fitted with 5/51, 15/14 } 5L3		18/22	Cylinder Water Inlet Pipe, fitted with 1/17, 18/16, 18/18 3L3 Port
18/10	Inlet Water Pipe—Cooler to Pump Suction, fitted with 6/47, 15/14 } 6L3		18/23	Cylinder Water Inlet Pipe, fitted with 1/17, 18/16, 18/18 3L3 Starboard
18/11	Inlet Water Pipe—Cooler to Pump Suction, fitted with 6/47, 15/14 } 7L3		35, 36	18/24 Cylinder Water Inlet Pipe, fitted with 1/17, 18/17, 18/26 { 4L3, 5L3, 6L3, 7L3, 8L3 Port and Starboard
18/12	Inlet Water Pipe—Cooler to Pump Suction, fitted with 6/47, 15/14 } 8L3		18/25	Hose Cock, $\frac{1}{2}$ " Gas, fitted with 18/26 { 3L3 Type C 4L3, 5L3, 6L3, 8L3
			18/26	Packing, Circular, 1 $\frac{1}{16}$ " \times $\frac{3}{32}$ " \times $\frac{1}{32}$ "
			18/27	Plug, Sq. Hole, $\frac{1}{2}$ " Gas, fitted with 18/26 8L3 only

See Notes
on Plate
No. 35

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



WATER PIPES—Section 18

Plate No.	Part No.	Description	Plate No.	Part No.	Description
37	18/28	Cylinder Water Outlet Pipe, 21 $\frac{1}{4}$ " long, fitted with 1/33, 18/34, 18/37 (Superseded by 18/145 or 18/149, which will be supplied for replacements)	37	18/40	Flange, Oval, Brass, 1 $\frac{1}{2}$ " bore \times 3 $\frac{1}{8}$ " centres \times 3" wide, fitted with 18/64
	18/29	Cylinder Water Outlet Pipe, 24 $\frac{3}{16}$ " long, fitted with 1/33, 18/34, 18/37, 18/51 or 18/55, 18/52 (Superseded by 18/145 or 18/149 for 8L3, 18/147 or 18/152 for 5L3 and 6L3, which will be supplied for replacements)		18/41	Flange, Oval, Cast Iron, Blank, 2 $\frac{1}{4}$ " centres \times 2" wide, fitted with 18/37
	18/30	Cylinder Water Outlet Pipe, 24 $\frac{3}{16}$ " long, fitted with 1/33, 18/34, 18/37 (Superseded by 18/147 or 18/152 for 5L3 and 6L3, which will be supplied for replacements)		18/42	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. \times 1" long \times $\frac{5}{16}$ " Hex., fitted with 18/43
	18/31	Cylinder Water Outlet Pipe, 15 $\frac{3}{16}$ " long, fitted with 1/33, 18/34, 18/37 (Superseded by 18/146 or 18/150 for 4L3 & 5L3, 18/146 or 18/148 or 18/151 or 18/154 for 8L3 which will be supplied for replacements)		18/43	Nut, Steel, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{5}{16}$ " Hex.
	18/32	Cylinder Water Outlet Pipe, 15 $\frac{3}{16}$ " long, fitted with 1/33, 18/34, 18/37, 18/51 or 18/55, 18/52 (Superseded by 18/146 or 18/150, which will be supplied for replacements)		18/44	Flange, Oval, Cast Iron, Blank, 2 $\frac{5}{8}$ " centres \times 2 $\frac{1}{2}$ " wide, fitted with 18/34
	18/33	Cylinder Water Outlet Pipe Extension, fitted with 18/34, 18/51 or 18/55, 18/52		18/45	Setscrew, Countersunk Head, $\frac{3}{8}$ " Wh. \times $\frac{7}{8}$ " long, for 18/44, 18/144
	18/34	Packing, Oval, 2 $\frac{5}{8}$ " centres \times 2 $\frac{1}{2}$ " wide, for 18/28 to 18/32, 18/46 to 18/50, 18/53, 18/54, 18/144 to 18/148, 18/150 to 18/152, 18/159, 18/176, 18/178		18/46	Temperature Control Tee, fitted with 18/34
	18/35	Setscrew, Countersunk Head, $\frac{3}{8}$ " Wh. \times $\frac{7}{8}$ " long		18/47	Temperature Control and Thermometer Tee—Type 1, fitted with 18/34, 18/60
	18/36	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{3}{8}$ " Hex.		18/48	Temperature Control and Thermometer Tee—Type 1, fitted with 18/34, 18/60, 18/64, 18/192, 18/193 (Superseded by 18/143, which will be supplied for replacements)
	18/37	Packing, Oval, 2 $\frac{1}{4}$ " centres \times 1 $\frac{7}{8}$ " wide		18/49	Flange, Oval, Brass, 1" bore \times 2 $\frac{3}{8}$ " centres \times 2 $\frac{1}{2}$ " wide, fitted with 18/34
	18/38	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. \times 1 $\frac{1}{8}$ " long \times $\frac{5}{16}$ " Hex., fitted with 18/39		18/50	Flange, Oval, Brass, 1 $\frac{1}{4}$ " bore \times 2 $\frac{5}{8}$ " centres \times 2 $\frac{1}{2}$ " wide, fitted with 18/34
	18/39	Nut, Steel, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{5}{16}$ " Hex.		18/51	Stud, $\frac{3}{8}$ " Wh. \times 3" long, fitted with 18/52, for 18/49, 18/50
				18/52	Nut, Steel, $\frac{3}{8}$ " Wh. \times $\frac{3}{8}$ " \times $\frac{3}{8}$ " Hex.
				18/53	Flange, Oval, Cast Iron, 1" Gas \times 2 $\frac{3}{8}$ " centres \times 2 $\frac{1}{2}$ " wide, fitted with 18/34
				18/54	Flange, Oval, Cast Iron, 1 $\frac{1}{4}$ " Gas \times 2 $\frac{5}{8}$ " centres \times 2 $\frac{1}{2}$ " wide, fitted with 18/34

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

WATER PIPES—Section 18

Part No.	Description		Plate No.	Part No.	Description	
18/55	Stud, $\frac{3}{8}$ " Wh. \times $3\frac{1}{4}$ " long, fitted with 18/52, for 18/53, 18/54		35		TYPE B , i.e., WITH RAM TYPE WATER PUMP, LUBRICATING OIL COOLER, WATER JACKETED EXHAUST MANIFOLD AND TEMPERATURE CONTROL PIPE FROM WATER OUTLET ON EXHAUST MANIFOLD TO WATER PUMP NOTE.—PIPES FROM THE LUBRICATING OIL COOLER TO THE WATER PUMP AND FROM THE WATER PUMP TO THE CYLINDER BLOCKS ARE THE SAME AS THOSE USED ON TYPE "A."	
18/56	Nipple, Parallel, $\frac{3}{4}$ " Gas					
18/57	Union Cock, $\frac{3}{4}$ " Gas					
18/58	Thermometer, fitted with 18/60					
18/59	Thermometer Refill			18/72		Exhaust Manifold Water Pipe—Upper, fitted with 1/33, 18/77
18/60	Packing, Circular, $1\frac{1}{16}$ " \times $\frac{25}{32}$ " \times $\frac{1}{32}$ ", for 18/58, 18/160			18/73		Not Allocated
18/61	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $\frac{7}{8}$ " long \times $\frac{3}{8}$ " Hex.	} . . . 8L3		18/74		Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $1\frac{3}{4}$ " long \times $\frac{3}{8}$ " Hex.
18/62	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{3}{8}$ " Hex., for 18/40			18/75		Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1" long \times $\frac{3}{8}$ " Hex.
18/63	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times $1\frac{5}{16}$ " long \times $\frac{3}{8}$ " Hex., for 18/65, 18/144			18/76		Exhaust Manifold Water Pipe—Lower, fitted with 14/62, 18/77
18/64	Packing, Oval, $3\frac{1}{8}$ " centres \times 3" wide, for 18/40, 18/65, 18/188			18/77		Packing, Oval, $1\frac{7}{8}$ " centres \times $1\frac{3}{8}$ " wide
18/65	Flange, Oval, Cast Iron, $1\frac{1}{2}$ " Gas \times $3\frac{1}{8}$ " centres \times 3" wide, fitted with 18/64			18/78	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. \times $\frac{7}{8}$ " long \times $\frac{5}{16}$ " Hex.	
18/66	Temperature Control Pipe, fitted with 5/51 . . 3L3, 4L3, 5L3	} Port } Starboard These pipes are to suit Types A & C when suction Air Vessel is NOT fitted to pump (See 18/229 to 18/284 when Suction Air Vessel is fitted)		18/79	Temperature Control and Thermometer Tee, fitted with 14/56, 18/81, 18/82	
18/67	Temperature Control Pipe, fitted with 6/47 6L3			18/80	Plug, Sq. Hole, $\frac{1}{2}$ " Gas, fitted with 18/81	
18/68	Temperature Control Pipe, fitted with 6/47 8L3			18/81	Packing, Circular, $1\frac{1}{16}$ " \times $\frac{3}{4}$ " \times $\frac{1}{32}$ "	
18/69	Temperature Control Pipe, fitted with 5/51 . . 3L3, 4L3, 5L3			18/82	Packing, Oval, $2\frac{1}{2}$ " centres \times $2\frac{1}{8}$ " wide	
18/70	Temperature Control Pipe, fitted with 6/47 6L3			18/83	Flange, Oval, Brass, 1" bore \times $2\frac{1}{2}$ " centres \times $2\frac{1}{8}$ " wide, fitted with 18/82	
18/71	Temperature Control Pipe, fitted with 6/47 8L3		18/84	Flange, Oval, Brass, $1\frac{1}{4}$ " bore \times $2\frac{1}{2}$ " centres \times $2\frac{1}{8}$ " wide, fitted with 18/82		
				18/85	Bolt, Hex. Head, $\frac{3}{8}$ " Wh. \times $1\frac{1}{8}$ " long \times $\frac{3}{8}$ " Hex., fitted with 18/86, for 18/83, 18/84	

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



WATER PIPES—Section 18

Plate No.	Part No.	Description	Plate No.	Part No.	Description
35	18/86	Nut, Steel, $\frac{3}{8}$ " Wh. $\times \frac{3}{8}$ " $\times \frac{3}{8}$ " Hex.	35		TYPE C , i.e., WITH RAM TYPE WATER PUMP, LUBRICATING COOLER, WATER JACKETED EXHAUST MANIFOLD AND PERATURE CONTROL PIPE FROM WATER OUTLET TO W PUMP
	18/87	Flange, Oval, Cast Iron, 1" Gas $\times 2\frac{1}{2}$ " centres $\times 2\frac{1}{4}$ " wide, fitted with 18/82			
	18/88	Bolt, Hex. Head, $\frac{3}{8}$ " Wh. $\times 1\frac{3}{8}$ " long $\times \frac{3}{8}$ " Hex., fitted with 18/86, for 18/87	18/97	Water Pipe—Pump to Manifold, fitted with 14/56, 18/138, 18/140 } 3L3, 4L3	
	18/89	Flange, Oval, Cast Iron, $1\frac{1}{4}$ " Gas $\times 2\frac{1}{2}$ " centres $\times 2\frac{1}{4}$ " wide, fitted with 18/82	18/97	Water Pipe—Pump to Manifold, fitted with 14/56, 18/138, 18/140 } 5L3	
	18/90	Bolt, Hex. Head, $\frac{3}{8}$ " Wh. $\times 1\frac{7}{8}$ " long $\times \frac{3}{8}$ " Hex., fitted with 18/86, for 18/89	18/98	Water Pipe—Pump to Manifold, fitted with 14/56, 18/18, 18/139 } 6L3, 7L3, 8L3	
	18/91	Nipple, Parallel, $\frac{3}{4}$ " Gas	18/99	Water Pipe—Pump to Manifold, fitted with 14/56, 18/138, 18/140 } 3L3, 4L3	
	18/92	Union Cock, $\frac{3}{4}$ " Gas	18/99	Water Pipe—Pump to Manifold, fitted with 14/56, 18/138, 18/140 } 5L3	
	18/93	Temperature Control Pipe, fitted with 5/51 3L3, 4L3, 5L3 } Port	18/100	Water Pipe—Pump to Manifold, fitted with 14/56, 18/18, 18/139 } 6L3, 7L3, 8L3	
	18/94	Temperature Control Pipe, fitted with 6/47 6L3, 7L3, 8L3 } Starboard	18/101	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18 } 3L3	
	18/95	Temperature Control Pipe, fitted with 5/51 3L3, 4L3, 5L3 } Starboard	18/102	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18 } 4L3, 5L3	
	18/96	Temperature Control Pipe, fitted with 6/47 6L3, 7L3, 8L3 } Starboard	18/103	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18 } 6L3	
			18/104	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18 } 8L3	
			18/105	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18 } 3L3 Starboard	

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



WATER PIPES—Section 18

Part No.	Description		Plate No.	Part No.	Description
18/106	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18	} 4L3, 5L3 } } 6L3 } } 8L3 } } 3L3 }	36	18/110	TYPE D, i.e., WITH CENTRIFUGAL TYPE WATER PUMP, PLAIN MANIFOLD AND WITH OR WITHOUT GARDNER LUBRICATING OIL COOLER. Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 3L3 } Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 4L3 } Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 3L3 } Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 4L3 } Water Pump Delivery Connection, fitted with 4/13, 18/17, 18/18 5L3, 6L3 Water Inlet Pipe Bend, fitted with 18/17, 18/18, 18/139 4L3 Water Inlet Pipe, fitted with 1/17, 4/13 3L3 Port Water Inlet Pipe, fitted with 1/17, 4/13 3L3 Starboard Temperature Control Pipe, fitted with 4/19 } Temperature Control Pipe, fitted with 4/19 }
18/107	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18				
18/108	Water Pipe—Outlet from Manifold, fitted with 14/56, 18/17, 18/18				
18/109	Cylinder Water Inlet Elbow, fitted with 1/17, 18/17, 18/18, 18/26				
				18/111	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14
				18/112	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14
				18/113	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14
				18/114	Water Pump Delivery Connection, fitted with 4/13, 18/17, 18/18 5L3, 6L3
				18/115	Water Inlet Pipe Bend, fitted with 18/17, 18/18, 18/139 4L3
				18/116	Water Inlet Pipe, fitted with 1/17, 4/13 3L3 Port
				18/117	Water Inlet Pipe, fitted with 1/17, 4/13 3L3 Starboard
				18/118	Temperature Control Pipe, fitted with 4/19 } <small>To suit Engines with S.L.G. Water Pump and Manual Temperature Control</small> } 3L3, 4L3 Port
				18/119	Temperature Control Pipe, fitted with 4/19 } 3L3, 4L3 Starboard
				18/120	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 5L3 } Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 6L3 } Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 8L3 }
				18/121	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14
				18/122	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14

See Notes on Plate No. 36

See Notes on Plate No. 36

When ordering it is **IMPORTANT** to quote the Number of the Engine, and also the Number of the Part.



WATER PIPES—Section 18

Plate No.	Part No.	Description	Plate No.	Part No.	Description
36	18/123	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 5L3	35, 36	18/137	Water Pump Delivery Connection, fitted with 4/13 or 6/47, 18/18, 18/139 } .. { 6L3, 8L3, T 4L3, Typ
	18/124	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 6L3	35	18/138	Connection Hose, 1" Bore, fitted with 18/140
	18/125	Inlet Water Pipe—Cooler to Pump Suction, fitted with 4/13, 15/14 } 8L3	35, 36	18/139	Connection Hose, 1½" bore, fitted with 18/18
	18/126	Water Pump Delivery Connection, fitted with 4/13, 18/18, 18/127 } 8L3	35	18/140	Hose Clip
	18/127	Connection Hose, 1⅝" bore, fitted with 18/18	36	18/141	Temperature Control Pipe, fitted with 18/183 } To suit Engines with S.L.G. Water Pump and Automatic Temperature Control { 8L3
	18/128	Water Inlet Pipe Bend, fitted with 18/17, 18/18 5L3, 6L3		18/142	Temperature Control Pipe, fitted with 18/183 } .. { 8L3 Sta
	18/129	Water Inlet Pipe Bend, fitted with 18/18, 18/127 8L3 Port		18/143	Temperature Control and Thermometer Tee—Type 2, fitted with 1/33, 18/26, 18/27, 18/60, 18/64, 18/155, 18/192, 18/193 }
	18/130	Water Inlet Pipe Bend, fitted with 18/18, 18/127 8L3 Starboard		18/144	Thermostat Housing—Type 1, fitted with 18/34, 18/60, 18/161 to 18/164, 18/166, 18/182 to 18/186 (Superseded by 18/181, which will be supplied for replacements) }
	18/131	Cylinder Inlet Pipe, fitted with 1/17, 18/18, 18/26, 18/127 } 8L3		18/145	Cylinder Water Outlet Pipe, 20½" long, without chokes, fitted with 1/33, 18/34 } 3L3 Port and Starboard
	18/132	Temperature Control Pipe, fitted with 4/19 } .. { 5L3, 6L3		18/146	Cylinder Water Outlet Pipe, 14⅝" long, without chokes, fitted with 1/33, 18/34 } 4L3 Cyl. Nos. 1 & 2, 3 & 4 5L3 4 & 5 8L3 1 & 2, 7 & 8
	18/133	Temperature Control Pipe, fitted with 4/19 } To suit Engines with S.L.G. Water Pump and Manual Temperature Control { 8L3 } Port		18/147	Cylinder Water Outlet Pipe, 23⅝" long, without chokes, fitted with 1/33, 18/34 } 5L3 Cyl. Nos. 1, 2 & 3 6L3 1, 2 & 3 6L3 4, 5 & 6
	18/134	Temperature Control Pipe, fitted with 4/19 } .. { 5L3, 6L3			
	18/135	Temperature Control Pipe, fitted with 4/19 } .. { 8L3 } Starboard			
35	18/136	Water Pump Delivery Connection, fitted with 5/51, 18/138, 18/140 } 3L3, 4L3, 5L3, Type C		18/148	Cylinder Water Outlet Pipe, 10⅝" long, without chokes, fitted with 1/33 } 8L3 Cyl. Nos. 3, 6

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

WATER PIPES—Section 18

Part No.	Description	Plate No.	Part No.	Description
18/149	Cylinder Water Outlet Pipe, 20 $\frac{1}{2}$ " long, with chokes, fitted with 1/33, 18/34, 18/155	Engines fitted with Ram Type Water Pump	18/164	Packing, $\frac{3}{8}$ " O.D. \times $\frac{7}{32}$ " I.D. \times $\frac{1}{16}$ ", for 18/163
18/150	Cylinder Water Outlet Pipe, 14 $\frac{15}{16}$ " long, with chokes, fitted with 1/33, 18/34, 18/156		18/165	Stud, $\frac{5}{16}$ " Wh. \times 1 $\frac{5}{16}$ " long, fitted with 18/166, for 18/159
18/151	Cylinder Water Outlet Pipe, 14 $\frac{15}{16}$ " long, with chokes, fitted with 1/33, 18/34, 18/155		18/166	Nut, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{1}{4}$ " Hex.
18/152	Cylinder Water Outlet Pipe, 23 $\frac{15}{16}$ " long, with chokes, fitted with 1/33, 18/34, 18/156		18/167	Thermostat Water Outlet Connection Packing
18/153	Not allocated		18/168	Thermostat "Drop-in Unit," Type X43517/11
18/154	Cylinder Water Outlet Pipe, 10 $\frac{15}{16}$ " long, with chokes, fitted with 1/33, 18/155		18/169	Thermostat "Drop-in Unit," Type X43517/12
18/155	Water Outlet Pipe Choke, $\frac{7}{32}$ " diam. Hole		18/170	Thermostat "Drop-in Unit," Type X43517/13
18/156	Water Outlet Pipe Choke, $\frac{11}{32}$ " diam. Hole		18/171	Thermostat Water Outlet Connection, fitted with 18/34, 18/167, 18/177, 18/180
18/157	Water Outlet Pipe Choke, $\frac{11}{32}$ " diam. Hole		18/172	Temperature Control Pipe
18/158	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. \times 1 $\frac{3}{8}$ " long \times $\frac{5}{16}$ " Hex., for 18/144		18/173	Temperature Control Pipe
18/159	Thermostat Housing, fitted with 18/34, 18/60, 18/160 to 18/167	18/174	Temperature Control Pipe	
18/160	Plug, Square Hole, $\frac{1}{2}$ " Gas, fitted with 18/60	18/175	Temperature Control Pipe	
18/161	Plug, Square Hole, $\frac{3}{8}$ " Gas, fitted with 18/162	18/176	Adapter, Oval Flange, Brass, 1 $\frac{5}{8}$ " Bore \times 2 $\frac{5}{8}$ " centres, fitted with 18/34	
18/162	Packing, $\frac{7}{8}$ " O.D. \times $\frac{5}{8}$ " I.D. \times $\frac{1}{32}$ ", for 18/161, 18/239	18/177	Stud, $\frac{3}{8}$ " Wh. \times 1 $\frac{5}{8}$ " long, fitted with 18/180, for 18/176	
18/163	Thermostat Locating Screw, fitted with 18/164	18/178	Adaptor, Oval Flange, Cast Iron, 1 $\frac{1}{2}$ " Gas \times 2 $\frac{5}{8}$ " centres, fitted with 18/34	
		18/179	Stud, $\frac{3}{8}$ " Wh. \times 2 $\frac{3}{4}$ " long, fitted with 18/180, for 18/178	
		18/180	Nut, $\frac{3}{8}$ " Wh. \times $\frac{3}{8}$ " \times $\frac{5}{16}$ " Hex.	

Engines fitted with Ram Type Water Pump

}

3L3, 4L3, 5L3, 6L3

}

3L3, 4L3, 5L3, 6L3, 8L3

}

With S.L.G. Water Pump and Automatic Temperature Control

}

3L3, 4L3 Port
3L3, 4L3 Starboard
5L3, 6L3 Port
5L3, 6L3 Starboard

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part,



WATER PIPES—Section 18

Plate No.	Part No.	Description	Plate No.	Part No.	Description
	18/181	Thermostat Housing—Type 2, fitted with 1/33, 18/60, 18/161 to 18/164, 18/166, 18/182 to 18/186		18/198	Stud, $\frac{3}{8}$ " Wh. $\times 4\frac{1}{8}$ " long, fitted with 18/180
	18/182	Flange, Oval, Cast Iron, Blank, $2\frac{1}{2}$ " centres $\times 1\frac{7}{8}$ " wide, fitted with 18/183		18/199	Temperature Control Pipe
	18/183	Packing, Oval, $2\frac{1}{2}$ " centres $\times 1\frac{7}{8}$ " wide, for 18/141, 18/142, 18/182		18/200	Temperature Control Pipe
	18/184	Setscrew, $\frac{5}{16}$ " Wh. $\times 1$ " long, for 18/182		18/201	Temperature Control Pipe
	18/185	Stud, $\frac{5}{16}$ " Wh. $\times 1\frac{3}{16}$ " long, fitted with 18/166, for 18/181		18/202	Temperature Control Pipe
	18/186	Thermostat Water Outlet Connection Packing		18/203	Water Flow Indicator Body (This Indicator Body will be supplied only as an Assembly)
	18/187	Thermostat Water Outlet Connection, fitted with 18/64, 18/186		18/204	Water Flow Indicator Body (This Indicator Body will be supplied only as an Assembly)
	18/188	Flange, Oval, Brass, $1\frac{5}{8}$ " Bore $\times 3\frac{1}{8}$ " centres, fitted with 18/64		18/205	Water Flow Indicator Flap
	18/189	Stud, $\frac{3}{8}$ " Wh. $\times 1\frac{5}{16}$ " long, fitted with 18/191, for 18/48, 18/143		18/206	Water Flow Indicator Flap Pin
	18/190	Nut, $\frac{3}{8}$ " Wh. $\times \frac{5}{16}$ " $\times \frac{5}{16}$ " Hex.		18/207	Packing, Cork, for 18/209
	18/191	Bolt, $\frac{5}{16}$ " Wh. $\times 1$ " long $\times \frac{1}{4}$ " Hex., fitted with 18/166, for 18/159		18/208	Packing, Millboard, for 18/209
	18/192	Plug, Faced, $\frac{1}{4}$ " Gas $\times \frac{3}{8}$ " $\times \frac{3}{8}$ " Hex., fitted with 18/193		18/209	Water Flow Indicator Window, fitted with 18/207, 18/208
	18/193	Packing, Circular, $\frac{11}{16}$ " O.D. $\times \frac{1}{2}$ " I.D. $\times \frac{1}{16}$ "		18/210	Water Flow Indicator Window Retaining Plate
	18/194	Needle Valve, $\frac{1}{4}$ " Gas, "M." Ends, fitted with 18/193		18/211	Setscrew, Cheese Head, 2 B.A. $\times \frac{1}{2}$ " long, for 18/210
	18/195	Drip Pipe, for 18/194		18/212	WATER FLOW INDICATOR ASSEMBLY, Comprising 18/34, 18/203, 18/205 to 18/211
	18/196	Temperature Control and Thermometer Tee-Type 2, fitted with 18/26, 18/27, 18/34, 18/193, 18/197		18/213	WATER FLOW INDICATOR ASSEMBLY, Comprising 18/34, 18/204 to 18/211
	18/197	Plug, Faced, $\frac{1}{4}$ " Gas $\times \frac{3}{8}$ " $\times \frac{3}{8}$ " Hex., fitted with 18/193			

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.



WATER PIPES—Section 18

Part No.	Description	Plate No.	Part No.	Description
	TYPE E, i.e. WITH RAM TYPE WATER PUMP, LUBRICATING OIL COOLER, PLAIN OR WATER JACKETED EXHAUST MANIFOLD AND TEMPERATURE CONTROL PIPE FROM WATER OUTLET TO LUBRICATING OIL COOLER WATER JACKET		18/229	Temperature Control Pipe, fitted with 5/51 .. 3L3, 4L3, 5L3
			18/230	Temperature Control Pipe, fitted with 6/47 6L3
			18/231	Temperature Control Pipe, fitted with 6/47 8L3
18/214	Temperature Control Pipe, fitted with 15/14 .. 3L3	Port	18/232	Temperature Control Pipe, fitted with 5/51 .. 3L3, 4L3, 5L3
18/215	Temperature Control Pipe, fitted with 15/14 .. 4L3		18/233	Temperature Control Pipe, fitted with 6/47 6L3
18/216	Temperature Control Pipe, fitted with 15/14 .. 5L3		18/234	Temperature Control Pipe, fitted with 6/47 8L3
18/217	Temperature Control Pipe, fitted with 15/14 .. 6L3		18/235	Pipe Clip, 1 1/4" O.D. Pipe, fitted with 18/237, 18/238, for 18/141, 18/142, 18/201, 18/202
18/218	Temperature Control Pipe, fitted with 15/14 .. 8L3		18/236	Pipe Clip, 3/4" O.D. Pipe, fitted with 18/237, 18/238, for 18/68, 18/71, 18/218, 18/223, 18/231, 18/234
18/219	Temperature Control Pipe, fitted with 15/14 .. 3L3		18/237	Setscrew, Cheese Head, 2 B.A. x 5/8" long, fitted with 18/238, for 18/235, 18/236
18/220	Temperature Control Pipe, fitted with 15/14 .. 4L3		18/238	Nut, 2 B.A. x 3/8" x 1/8" Hex., for 18/237
18/221	Temperature Control Pipe, fitted with 15/14 .. 5L3		Starboard	18/239
18/222	Temperature Control Pipe, fitted with 15/14 .. 6L3			
18/223	Temperature Control Pipe, fitted with 15/14 .. 8L3			
18/224	Vent Pipe 3L3, 4L3, 5L3, 6L3	Port		
18/225	Vent Pipe 8L3			
18/226	Vent Pipe 3L3, 4L3, 5L3, 6L3	Starboard		
18/227	Vent Pipe 8L3			
18/228	Stud Union Stock, 1/4" Gas x 1/4" Gas			

These Pipes are to suit Types A & C when Suction Air Vessel is fitted to Pump (See 18/66 to 18/71 when Suction Air Vessel is NOT fitted)

Length of Bulb and length of Capillary Tubing MUST be specified

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COMPRESSED AIR PIPES—Section 19

Part No.	Description	Plate No.	Part No.	Description
19/1	Compressed Air Pipe "A"—Control Valve Box to Wheel Valve—Port, fitted with 1/118	34	19/14	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/2	Compressed Air Pipe "A"—Control Valve Box to Wheel Valve—Starboard, fitted with 1/118		19/15	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/3	Wheel Valve, $\frac{3}{4}$ " Gas, fitted with 19/4		19/16	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/4	Stud Union Stock, $\frac{3}{4}$ " Gas		19/17	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/5	Compressed Air Pipe "B"—Wheel Valve to Charging Valve, fitted with 1/139		19/18	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/6	Compressed Air Pipe "B"—Wheel Valve to Charging Valve, fitted with 1/139		19/19	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/7	Compressed Air Pipe "B"—Wheel Valve to Charging Valve, fitted with 1/139		19/20	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/8	Compressed Air Pipe "B"—Wheel Valve to Charging Valve, fitted with 1/139		19/21	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/9	Compressed Air Pipe "B"—Wheel Valve to Charging Valve, fitted with 1/139		19/22	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27
19/10	Compressed Air Pipe "B"—Wheel Valve to Charging Valve, fitted with 1/139		19/23	Packing, Oval, $1\frac{3}{8}$ " centres \times $1\frac{1}{2}$ " wide
19/11	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27		19/24	Stud, $\frac{5}{16}$ " Wh. \times $2\frac{7}{16}$ " long, fitted with 19/25
19/12	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27		19/25	Nut, Steel, $\frac{5}{16}$ " Wh. \times $\frac{5}{16}$ " \times $\frac{1}{4}$ " Hex.
19/13	Compressed Air Pipe "C"—Main Pipe, fitted with 1/155, 19/23 to 19/25, 19/27		19/26	Drain Cock, $\frac{1}{8}$ " Gas, fitted with 19/27
		19/27	Packing, Circular, $\frac{17}{32}$ " \times $\frac{3}{8}$ " \times $\frac{1}{32}$ "	

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AIR BOTTLE, FUEL TANK, EXHAUST SILENCERS, ELECTRIC STARTER, DYNAMO AND DYNAMO DRIVE—Section 20

Part No.	Description	Plate No.	Part No.	Description
20/1	Compressed Air Bottle, fitted with 20/2, 20/3, 20/6, 20/8, 20/12	38	20/19	Packing
20/2	Compressed Air Bottle Adapter, fitted with 20/3, 20/6, 20/8 or 20/79		20/20	Tank Level Body, fitted with 20/24, 20/25
20/3	Nipple, Parallel, 1" Gas		20/21	Tank Level Cock, fitted with 20/24
20/4	Globe Valve, fitted with 20/3		20/22	Tank Level Cock Gland, fitted with 20/24
20/5	Pressure Gauge Connection, fitted with 20/6		20/23	Setscrew, Cheese Head, 2 B.A. $\times \frac{3}{4}$ " long, for 20/22
20/6	Packing, for 20/5		20/24	Packing, Cork, 1" $\times \frac{5}{8}$ " $\times \frac{3}{16}$ " (1 Set)
20/7	Pressure Gauge, fitted with 20/6		20/25	Packing, Oval, 2" centres $\times 1\frac{5}{8}$ " wide
20/8	Plug, Faced, $\frac{3}{8}$ " Gas $\times \frac{3}{8}$ " $\times \frac{1}{2}$ " Hex.		20/26	Setscrew, Hex. Head, $\frac{1}{4}$ " Wh. $\times \frac{13}{16}$ " long $\times \frac{1}{4}$ " Hex.
20/9	Union Stock, $\frac{3}{8}$ " Gas $\times \frac{3}{8}$ " Gas, fitted with 20/79		20/27	Tank Level Glass, fitted with 20/24
20/10	Union Tail, $\frac{3}{8}$ " bore, fitted with 20/11		20/28	Tank Level Scale
20/11	Gland Nut, "F." $\frac{3}{8}$ " Gas, fitted with 20/10		20/29	Tank Level Scale Clip
20/12	Drain Valve, supplied only fitted with 20/13, 20/78		20/30	Union Tail, fitted with 20/31
20/13	Drain Valve Seating, supplied only fitted with 20/12, 20/78		20/31	Union Nut, fitted with 20/30
20/14	Fuel Tank, fitted with 20/15 or 20/81, 20/18 to 20/31, 20/76 or 20/77		20/32	Exhaust Silencer—Stationary, fitted with 20/33 to 20/35, 20/38
20/15	Union Tap, fitted with 20/16, 20/76		20/33	Packing, Cord (1 length)
20/16	Union Nut, Tail and Coupling		20/34	Bolt, Sq. Round, $\frac{1}{2}$ " Wh. $\times 2\frac{1}{4}$ " long, fitted with 20/35
20/17	Tank Filling Strainer		20/35	Nut, Steel, $\frac{1}{2}$ " Wh. $\times \frac{1}{2}$ " $\times \frac{1}{2}$ " Hex.
20/18	Sump Drain Plug, fitted with 20/19		20/36	Flange, Oval, Slotted, Cast Iron, 3" Gas $\times 5\frac{1}{2}$ " centres $\times 5\frac{3}{4}$ " wide, fitted with 20/38

} 3L3, 4L

When ordering it is IMPORTANT to quote the Number of the Engine, and also the Number of the Part.

AIR BOTTLE, FUEL TANK, EXHAUST SILENCERS, ELECTRIC STARTER, DYNAMO AND DYNAMO DRIVE—Section 20

Plate No.	Part No.	Description	Plate No.	Part No.	Description
38	20/37	Flange, Oval, Cast Iron, Blank, $5\frac{1}{2}$ " centres \times $5\frac{3}{4}$ " wide, fitted with 20/38	38	20/54	Exhaust Silencer Section Packing
	20/38	Packing, Oval, $5\frac{1}{2}$ " centres \times $5\frac{3}{4}$ " wide		20/55	Bolt, Hex. Head, $\frac{1}{2}$ " Wh. \times $2\frac{1}{8}$ " long \times $\frac{1}{2}$ " Hex., fitted with 20/56, 20/57
	20/39	Bolt, Sq. Sq., $\frac{5}{8}$ " Wh. \times $3\frac{1}{8}$ " long, fitted with 20/40, 20/41		20/56	Nut, Steel, $\frac{1}{2}$ " Wh. \times $\frac{1}{2}$ " \times $\frac{1}{2}$ " Hex.
	20/40	Nut, Steel, $\frac{5}{8}$ " Wh. \times $\frac{5}{8}$ " \times $\frac{5}{8}$ " Hex.		20/57	Washer, Steel, $\frac{1}{2}$ " diam.
	20/41	Washer, Steel, $\frac{5}{8}$ " diam.		20/58	Exhaust Silencer End Cover, fitted with 20/54, 20/73
	20/42	Exhaust Silencer—Stationary, fitted with 20/43 to 20/45, 20/48		20/59	Bolt, Hex. Head, $\frac{1}{2}$ " Wh. \times $1\frac{3}{4}$ " long \times $\frac{1}{2}$ " Hex., fitted with 20/56, 20/57
	20/43	Packing, Cord (1 Length)		20/60	Setscrew, Hex. Head, $\frac{1}{2}$ " Wh. \times $1\frac{3}{4}$ " long \times $\frac{1}{2}$ " Hex.
	20/44	Bolt, Sq. Round, $\frac{5}{8}$ " Wh. \times $2\frac{1}{2}$ " long, fitted with 20/45		20/61	Plug, Faced, $1\frac{1}{4}$ " Gas \times $\frac{13}{16}$ " \times $1\frac{1}{4}$ " Hex., fitted with 20/62
	20/45	Nut, Steel, $\frac{5}{8}$ " Wh. \times $\frac{5}{8}$ " \times $\frac{5}{8}$ " Hex.		20/62	Packing, Circular, $2\frac{1}{4}$ " \times $1\frac{3}{16}$ " \times $\frac{1}{16}$ "
	20/46	Flange, Oval, Slotted, Cast Iron, 3" Gas \times 7" centres \times 7" wide, fitted with 20/48		20/63	Reducing Bush, $1\frac{1}{4}$ " Gas \times $\frac{3}{8}$ " Gas, fitted with 20/64, 20/66
	20/47	Flange, Oval, Cast Iron, Blank, 7" centres \times 7" wide, fitted with 20/48		20/64	Packing, Circular, $2\frac{1}{4}$ " \times $1\frac{3}{16}$ " \times $\frac{1}{16}$ "
	20/48	Packing, Oval, 7" centres \times 7" wide		20/65	Drain Tap, $\frac{3}{8}$ " Gas, fitted with 20/66
	20/49	Bolt, Sq. Sq., $\frac{5}{8}$ " Wh. \times $3\frac{1}{8}$ " long, fitted with 20/41, 20/50		20/66	Packing, Circular, 1" \times $\frac{13}{16}$ " \times $\frac{1}{16}$ "
	20/50	Nut, Steel, $\frac{5}{8}$ " Wh. \times $\frac{5}{8}$ " \times $\frac{5}{8}$ " Hex.		20/67	Hex. Reducing Socket, $1\frac{1}{4}$ " Gas \times 1" Gas, fitted with 20/62
	20/51	Exhaust Silencer—End Section—Marine, fitted with 20/54, 20/62 or 20/64, 20/73		20/68	Hex. Reducing Nipple, $1\frac{1}{4}$ " Gas \times 1" Gas, fitted with 20/62
	20/52	Exhaust Silencer—Inter. Section—Marine, fitted with 20/54		20/69	Nipple, Parallel, $1\frac{1}{4}$ " Gas, fitted with 20/62
	20/53	Exhaust Silencer Baffle Plate, fitted with 20/54		20/70	C.J. Union "F.," 1" O.D. Pipe \times 1" Gas
				20/71	C.J. Union "F.," $1\frac{1}{4}$ " O.D. Pipe \times $1\frac{1}{4}$ " Gas

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AIR BOTTLE, FUEL TANK, EXHAUST SILENCERS, ELECTRIC STARTER, DYNAMO AND DYNAMO DRIVE—Section 20

Part No.	Description	Plate No.	Part No.	Description
20/72	Flange, Circular, Cast Iron, 3" Gas × 5" centres × 6 $\frac{3}{4}$ " diam., fitted with 20/73	38	20/90	Bolt, Hex. Head, $\frac{1}{2}$ " Wh. × 2 $\frac{1}{4}$ " long × $\frac{1}{2}$ " Hex., fitted with 20/91
20/73	Packing, Circular, 6 $\frac{3}{4}$ " × 4" × $\frac{1}{16}$ "		20/91	Nut, Steel, $\frac{1}{2}$ " Wh. × $\frac{1}{2}$ " × $\frac{1}{2}$ " Hex.
20/74	Setscrew, Hex. Head, $\frac{1}{2}$ " Wh. × 2 $\frac{1}{2}$ " long × $\frac{1}{2}$ " Hex.		20/92	Electric Starter—Clockwise Rotation looking on Pinion end
20/75	Flange, Circular, Cast Iron, 3 $\frac{1}{2}$ " Gas × 5 $\frac{1}{2}$ " centres × 6 $\frac{3}{4}$ " diam., fitted with 20/73		20/93	Electric Starter—Anti-Clockwise Rotation looking on Pinion end
20/76	Packing, Circular, 1 $\frac{1}{4}$ " × $\frac{11}{16}$ " × $\frac{1}{16}$ " 3L3, 4L3		20/94	Electric Starter Bracket—Port, fitted with 20/96 to 20/98
20/77	Packing, Circular, 1 $\frac{11}{16}$ " × 1 $\frac{1}{32}$ " × $\frac{1}{16}$ " 5L3, 6L3		20/95	Electric Starter Bracket—Starboard, fitted with 20/96 to 20/98
20/78	Packing, Circular, 1" × $\frac{5}{8}$ " × $\frac{1}{32}$ "		20/96	Bolt, Hex. Head, $\frac{3}{8}$ " Wh. × 2 $\frac{3}{4}$ " long × $\frac{3}{8}$ " Hex.
20/79	Packing, Circular, 1" × $\frac{5}{8}$ " × $\frac{1}{32}$ "		20/97	Steady Peg, $\frac{5}{16}$ " diam. × $\frac{3}{4}$ " long
20/80	Renewable Seat for Globe Valve		20/98	Electric Starter Bracket Packing
20/81	Union Tap, fitted with 20/77, 20/82		20/99	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. × $\frac{7}{8}$ " long × $\frac{5}{16}$ " Hex.
20/82	Union Nut and Tail		20/100	Setscrew, Hex. Head, $\frac{3}{8}$ " Wh. × $\frac{7}{8}$ " long × $\frac{3}{8}$ " Hex.
20/83	Exhaust Silencer—Stationary, fitted with 20/85, 20/89		20/101	Dynamo Driven Pulley, 3" Effective diam.
20/84	Flange, Circular, Cast Iron, 3" Gas × 5" centres × 6 $\frac{1}{4}$ " diam., fitted with 20/85		20/102	Dynamo Driving Pulley, 5 $\frac{1}{4}$ " Effective diam., fitted with 20/103 (for Conic Reverse Gear Mounting)
20/85	Packing, Circular, 6 $\frac{1}{4}$ " × 3 $\frac{1}{2}$ " × $\frac{1}{16}$ "		20/103	Setscrew, Sq. Head, Pointed, $\frac{1}{4}$ "—28 Thds. × $\frac{13}{32}$ " long
20/86	Bolt, Hex. Head, $\frac{1}{2}$ " Wh. × 1 $\frac{1}{4}$ " long × $\frac{1}{2}$ " Hex., fitted with 20/87		20/104	Whittle Belt, $\frac{5}{8}$ " wide
20/87	Nut, Steel, $\frac{1}{2}$ " Wh. × $\frac{1}{2}$ " × $\frac{1}{2}$ " Hex.		20/105	Dynamo Bracket, fitted with 20/106 to 20/109 (for Conic Reverse Gear Mounting)
20/88	Flange, Circular, Cast Iron, 3 $\frac{1}{2}$ " Gas × 5 $\frac{1}{2}$ " centres × 6 $\frac{3}{4}$ " diam., fitted with 20/89		20/106	Steady Peg, $\frac{5}{16}$ " diam. × 1 $\frac{1}{16}$ " long
20/89	Packing, Circular, 6 $\frac{3}{4}$ " × 4" × $\frac{1}{16}$ "			

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AIR BOTTLE, FUEL TANK, EXHAUST SILENCERS, ELECTRIC STARTER, DYNAMO AND DYNAMO DRIVE—Section 20

Plate No.	Part No.	Description	Plate No.	Part No.	Description
38	20/107	Dynamo Bracket Packing			
	20/108	Bolt, Sq. Head, $\frac{3}{8}$ " Wh. \times $1\frac{1}{4}$ " long, fitted with 20/109			
	20/109	Nut, Steel, $\frac{3}{8}$ " Wh. \times $\frac{3}{8}$ " \times $\frac{3}{8}$ " Hex.			
	20/110	Dynamo Cradle and Strap			
	20/111	Dynamo—Clockwise Rotation looking on Pulley end			
	20/112	Dynamo—Anti-Clockwise Rotation looking on Pulley end			
39	20/113	Fuse Box	24/12 Volt Series-Parallel Circuit		
	20/114	Dynamo Cut-Out			
	20/115	Ammeter			
	20/116	24/12 Volt Series-Parallel Switch			
38	20/117	Dynamo—Clockwise Rotation looking on Pulley end			
	20/118	Dynamo—Anti-Clockwise Rotation looking on Pulley end			
39	20/119	Control Panel	24 Volt Circuit		
	20/120	Ammeter			
	20/121	Starter Switch			
	20/122	Battery. (Two units, each 12 volts, 75 amps.)			
	20/123	Electric Starter Bracket Packing	8L3		
	20/124	Electric Starter Bracket Packing (with U.C. Reverse Gear)	3L3, 4L3, 5L3, 6L3, 8L3		

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STANDARD SPARES, ACCESSORIES AND SPANNERS—Section 21

Part No.	Description	Plate No.	Part No.	Description
21/1	Piston Entering Guide		40	21/19 Bilge Pump Valve (same as 7/16)
21/2	Oil Can			21/20 Water Pump Cup Washer 3L3
21/3	Sprayer Cleaning Squirt			21/21 Water Pump Cup Washer 4L3
21/4	Squirt Nozzle			21/22 Water Pump Cup Washer 5L3
21/5	Screwdriver			21/23 Washer, Steel and Asbestos, Exhaust Manifold } Cancelled to Cylinder Head (same as 14/41)
21/6	Sprayer Pricker			21/24 Water Joint Ring, Cylinder to Cylinder Head (same as 1/13)
21/7	Sprayer Valve Grinding Spindle			21/25 Cylinder Water Connection Tube (same as 1/14)
21/8	Lifting Eye—for Engine			21/26 Oil Joint Ring, Cylinder to Cylinder Head (same as 1/15)
21/9	Lifting Eye Bolt—for Flywheel			21/27 Sprayer Strainer (same as 1/69) Cancelled
21/10	Sprayer Box—Single			21/28 Lubricating Oil Relief Valve Spring (same as 12/52)
21/11	Box for Sprayer and Sprayer Spares			21/29 Inlet and Exhaust Valve Spring—Inner (same as 1/42)
21/12	Flywheel Barring Lever Foot, fitted with 21/13			21/30 Inlet and Exhaust Valve Spring—Outer (same as 1/43)
21/13	Setscrew, Hex. Head, $\frac{5}{16}$ " Wh. $\times \frac{3}{4}$ " long $\times \frac{5}{16}$ " Hex.			21/31 Compressed Air Starting Valve Spring (same as 1/154)
21/14	Flywheel Barring Lever			21/32 Fuel Pump Control Rod Spring (same as 10/31) 4L3, 8L3
21/16	Sprayer Assembly			21/33 Fuel Pump Control Rod Spring (same as 10/30) 3L3, 5L3, 6L3
21/17	Water Pump Valve (same as 5/24)	3L3, 4L3, 5L3		21/34 Spanner, Double Ended, $\frac{3}{16}$ " $\times \frac{1}{4}$ "
21/18	Water Pump Valve (same as 6/21)	6L3, 7L3, 8L3		21/35 Spanner, Double Ended, $\frac{1}{4}$ " $\times \frac{5}{16}$ "

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STANDARD SPARES, ACCESSORIES AND SPANNERS—Section 21

Plate No.	Part No.	Description	Plate No.	Part No.	Description
40	21/36	Spanner, Double Ended, $\frac{3}{8}$ " \times $\frac{7}{16}$ "	40	21/55	Tommy Bar, $\frac{5}{16}$ " diam.
	21/37	Spanner, Double Ended, $\frac{1}{2}$ " \times $\frac{5}{8}$ "		21/56	Tommy Bar, $\frac{3}{8}$ " diam. \times 6" long
	21/38	Spanner, Double Ended, $\frac{3}{4}$ " \times $\frac{7}{8}$ "		21/57	Tommy Bar, $\frac{3}{8}$ " diam. \times 15" long
	21/39	Spanner, Single Ended, $\frac{1}{2}$ " Hex. Locknut (for Sprayer Cap)		21/58	Sprayer Nozzle Drift
	21/41	Spanner, Adjustable, 4"		21/59	Air Starting Valve Box Key
	21/42	Spanner, Tube, $\frac{1}{4}$ " Hex.		21/60	Sprayer Clamp Key (to suit $\frac{1}{4}$ " Hex. Nut)
	21/43	Spanner, Tube, $\frac{5}{16}$ " Hex.		21/61	Sprayer Hole Cleaning Tool
	21/44	Spanner, Tube, $\frac{3}{8}$ " Hex.		21/62	Sprayer Withdrawing Tool
	21/45	Spanner, Tube, $\frac{7}{16}$ " Hex.		21/63	Water Pump Cup Washer
	21/46	Spanner, Tube, $\frac{1}{2}$ " Hex.		21/64	Water Pump Cup Washer
	21/47	Spanner, Tube, $\frac{5}{8}$ " Hex.		21/65	Bilge Pump Cup Washer
	21/48	Spanner, Tube, $\frac{1}{4}$ " Sq.		21/67	Pipe Expander, 1" O.D. Pipe
	21/49	Spanner, Tube, $\frac{5}{16}$ " Sq.		21/68	Pipe Expander, 1 $\frac{1}{4}$ " O.D. Pipe
	21/50	Spanner, Tube, $\frac{3}{8}$ " Sq.		21/69	Pipe Expander, 1 $\frac{1}{2}$ " O.D. Pipe
	21/51	Spanner Bar, $\frac{3}{4}$ " Sq.		21/70	Timing Chain Single Connecting Link and Clip (same as 3/64)
	21/52	Spanner, Ring, $\frac{7}{16}$ " Hex. (for Connecting Rod Bolt)		21/72	Pipe Expander, $\frac{7}{8}$ " O.D. Pipe, supplied only when required
	21/53	Tommy Bar, $\frac{3}{16}$ " diam.		21/73	Taper Reamer, for fitting 1/77, 1/81, 1/224
	21/54	Tommy Bar, $\frac{1}{4}$ " diam.		21/75	Fuel Pump Plunger Spring

} Supplied only when required

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STANDARD SPARES, ACCESSORIES AND SPANNERS—Section 21

Part No.	Description	Plate No.	Part No.	Description
21/76	Fuel Pump Delivery Valve Spring			
21/77	Sprayer Clamp Key (To suit $\frac{3}{16}$ " Hex. Nut)			
21/78	Spanner, Single Ended, $\frac{7}{8}$ " Hex. Locknut			
GFF 3/10	First Fuel Filter Element Assembly (In Carton)			

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