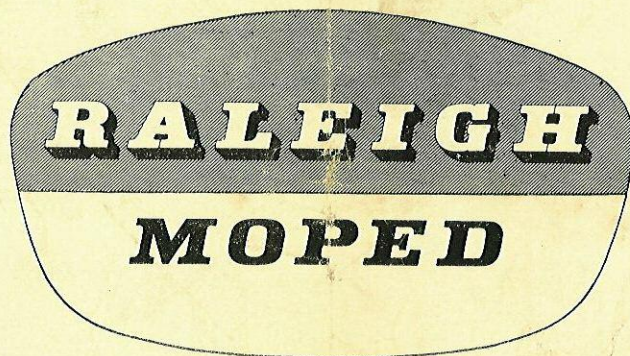


# IceniCAM Information Service



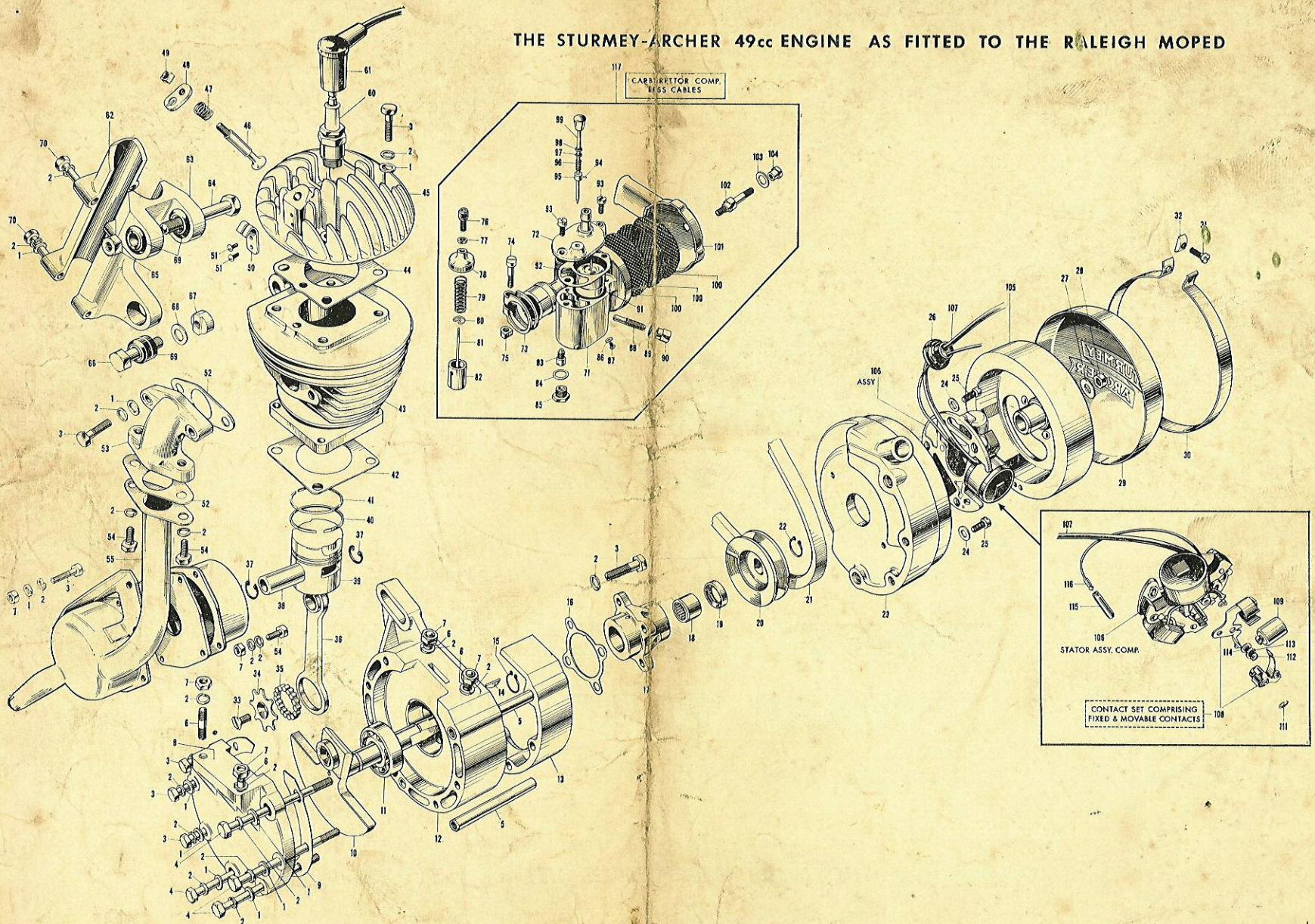


Oil Seal No 19  
Pulley No 20  
~~Cog Wheel back No 4~~  
Bell  
Main Bearings  
Bolts.

**STURMEY-ARCHER ENGINE  
SPARE PARTS LIST**

**Published by RALEIGH INDUSTRIES LTD • NOTTINGHAM**

# THE STURMEY-ARCHER 49cc ENGINE AS FITTED TO THE RALEIGH MOPED



## STURMEY-ARCHER MOPED ENGINE

Illus. No.	Part No.	Description	Retail Price Each	
			£	s. d.
1	P.70	1/4" Plain Washer .. .. .		1 1/2
2	M.208	1/4" Spring Washer .. .. .	7 1/2	grs
3	ME.24	Engine Bolt .. .. .	4	
4	ME.18	Crankcase Bolt .. .. .	8	
5	ME.17	Crankcase Dowel .. .. .	1 11	
6	ME.26	Crankcase Stud .. .. .	6	
7	ME.30	Cylinder Securing Nut .. .. .	2 1/2	
8/12	ME.83	Crankcase complete with cover, studs and bearings .. .. .	2 16	3
9	ME.40	Crankcase Gasket .. .. .	1	
10	ME.65	Crankshaft .. .. .	2 16	3
10/33/34/35/36	M E.66	Crankshaft and con rod assy. complete with bearing .. .. .	4 1	9
11		Journal Ball Bearing—Hoffman L.S7 .. .. .	15	9
13	ME.5	Spacer—Crankcase to Magneto Housing .. .. .	8	0
14	ME.21	Magneto Locating Key .. .. .	2 1/2	
15		Circlip, Seeger External 3/8" dia. .. .. .	3	
16	ME.38	Gasket for Bearing Housing .. .. .	1	
17	ME.108	Bearing Retainer Assy. c/w NK1516 .. .. .	1 9	0
18		Needle Shell Cage Bearing HK1516 .. .. .	6 10	
18		" " " " NK1516 .. .. .	12 8	
19		Oil Seal .. .. .	2 7	
20	ME.7	Pulley .. .. .	11 8	
21		Drive Belt .. .. .	6 4	
22		Circlip. Seeger External 15 m/m. dia. .. .. .	4	
23	ME.6	Magneto Housing .. .. .	17 7	
24	P.1056	1/8" Plain Washer .. .. .	3doz	
25	X.90	1/8" Dia. Screw (Stator plate fixing) .. .. .	1 1/2	
26	ME.57	Magneto Grommet .. .. .	5	
27	ME.35	Magneto Washer .. .. .	2 1/2	
28	ME.62	Magneto Flywheel Retaining Nut .. .. .	2 1/2	
29	ME.64	Magneto Cover .. .. .	4 5	
30	ME.63	Magneto Cover Clip .. .. .	2 5	
31	X.90	Screw (Magneto Cover clip fixing screw) .. .. .	1 1/2	
32	ME.109	Magneto Cover clip fixing screw nut .. .. .	4	
33	ME.25	Big End Screw .. .. .	4	
34	ME.16	Big End Retaining Plate .. .. .	1 3	
35		Bearing Roller 5 m/m x 5 m/m Hoffman .. .. .	3	
36	ME.12	Connecting Rod c/w. Small End Bush .. .. .	15 9	
37		Circlip. Seeger Internal 14 m/m dia. .. .. .	3	
38	ME.78	Gudgeon Pin .. .. .	3 6	
39	ME.77	Piston (Bare) .. .. .	14 0	
40&41	ME.87	Piston Ring .. .. .	2 11	

Illus. No.	Part No.	Description	Retail Price Each	
			£	s. d.
37 (2 off), 38,				
39, 40, 41	ME.85	Piston Assembly complete .. .. .	1 9	0
42	ME.37	Cylinder/Crankcase Gasket .. .. .		1
43	ME.2	Cylinder .. .. .	2 14	6
44	ME.36	Cylinder Head Gasket .. .. .		6
45, 50,				
51 (2 off)	ME.41	Cylinder Head and Anchor Plate Assembly .. .. .	14	0
46	ME.20	De-compressor Valve .. .. .	2 9	
47	ME.19	De-compressor Valve Spring .. .. .		1
48	ME.22	De-compressor Valve Spring Retaining Plate .. .. .	2 5	
49	S.98	De-compressor Valve Spring Retaining Plate L/Nut .. .. .		1
50	ME.23	Cable Anchor Plate .. .. .		5
51	4561063	Self Tapping Screw, 1/4" long x 4 g. .. .. .		1
52	ME.39	Exhaust Gasket .. .. .		4
53	ME.8	Exhaust Elbow .. .. .	8	0
54	ME.60	Exhaust Elbow Bolt .. .. .		2 1/2
55	ME.97	Exhaust Pipe and Silencer Assy .. .. .	9	8
55a	M.E.93	Silencer Baffle .. .. .		11
60		Sparking Plug .. .. .		As per makers List
61		Sparking Plug Suppressor & Water Proof Cover .. .. .		4 5
62	ME.10	Engine Mounting Bracket—Upper Half .. .. .		9 8
63	ME.11	Engine Mounting Bracket—Lower Half .. .. .		17 3
63,69 (3 off)	ME.43	Lower Engine Mounting Bracket complete .. .. .		8
64	ME.28	Engine Mounting Bolt—Upper .. .. .		4
65	ME.29	Engine Mounting Nut—Top .. .. .		7
66	ME.27	Engine Mounting Bolt—Lower .. .. .		1 3
67	ME.31	Engine Mounting Nut—Lower .. .. .		2 1/2
68	ME.33	Engine Mounting Washer Thin .. .. .		2 1/2
	ME.99	" " Thick .. .. .		2 1/2
69	ME.84	Bush Metalastik .. .. .	2	1
70	ME.32	Engine Bracket Bolt .. .. .		4

## ENGINES

ME.69	Engine complete less Carburettor and Exhaust System .. .. .	19 3 0
ME.104	Reconditioned Engine less Magneto Carburettor and Exhaust System. .. .. .	10 2 6

## CARBURETTOR

Illus No.	Part No.	Description	Retail Price Each	
			£	s. d.
71	385/001	Mixing Chamber Body .. .. .	15	0
72	385/002	Float Chamber Cover .. .. .	3	0
73	360/024	Outlet Clip .. .. .	1	6
74	335/051	Outlet Clip Screw .. .. .	2	
75	335/052	Outlet Clip Nut .. .. .	2	
76	308/041	Cable Adjuster .. .. .	4	
77	308/042	Lock Nut for above .. .. .	1	
78	308/040	Top Cap for Chamber Body .. .. .	1	10
79	308/038	Throttle Valve Spring .. .. .	4	
80	308/044	Jet Needle Clip .. .. .	3	
81	385/006	Jet Needle .. .. .	1	10
82	308/125	Throttle Valve No. 1 .. .. .	3	0
83	385/007	Needle Jet .0745 .. .. .	3	0
84	385/016	Washer for Needle Chamber Plug .. .. .	1	
85	385/004	Plug for Needle Chamber .. .. .	1	0
86	333/038	Washer for Feed Hole Plug Screw .. .. .	2	
87	333/016	Feed Hole Plug Screw .. .. .	3	
88	376/076	Main Jet No. 40 .. .. .	1	1
89	116/162	Washer for Main Jet Cover .. .. .	2	
90	385/005	Cover for Main Jet .. .. .	6	
91	308/019	Float and Needle Complete .. .. .	4	6
92	360/022	Joint Washer for Float Chamber Cover .. .. .	4	
93	352/209	Securing Screws .. .. .	2	
94	360/053	Stop Peg for Cup Washer .. .. .	1	
95	360/052	Cup Washer .. .. .	3	
96	14/032	Spring for Cold Start Needle .. .. .	2	
97	116/147	Sealing Ring Washer .. .. .	1	
98	385/015	Sealing Ring for Cold Start Needle .. .. .	2	
99	385/013	Cold Start Needle .. .. .	1	0
100	360/030	Air Filter Plates .. .. .	6	
101	385/008	Air Silencer .. .. .	4	0
102	385/009	Stud for Air Intake .. .. .	1	0
103	385/014	Washer for Air Silencer Screw .. .. .	2	
104	385/010	Air Silencer Securing Screw .. .. .	6	
117	385/1	Carburettor complete (less Cables) .. .. .	2	5 0
	385	Set of Carburettor Gaskets .. .. .	9	

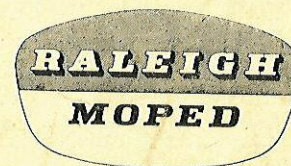
## LUCAS MAGNETO ALTERNATOR MODEL 7FI

Illus. No.	Part No.	Description	Retail Price Each	
			£	s. d.
105	54440610	Flywheel .. .. .	3	0 0
106	42376	Stator and Coil Assy .. .. .	2	7 6
107	A.79917	High Tension Lead 5 m/m P.V.C. Cable, 1 ft. .. .. .		5
108	54440026	Contact Set .. .. .	6	0
109	469153	Capacitor .. .. .	5	6
111	154660	Contact Pivot Pin Spring Clip .. .. .	1	
112	129504	Contact Fixing Screw .. .. .	1	
113	185006	Contact Fixing Screw Spring Washer .. .. .		1
114	128254	Contact Fixing Screw Plain Washer .. .. .		1
115	900288	Snap-on Connector .. .. .	4	
116	900269	Snap Connector Ferrule .. .. .	2	

### ABBREVIATIONS USED.

Assy.—Assembly.

c/w.—complete with.



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