

Book No. 1946/3/1

SPARE PARTS LIST

for

Excelsior

98 cc. Two Stroke Solo
Motor Cycle

“WELBIKE” MODEL
(MK II.)

*This list is applicable to machines bearing
the following Nos.:*

Frame Nos. 2614 to 3954

W.D. Nos. C5153414 to C5154754

SPARE PARTS LIST

for

EXCELSIOR "WELBIKE" (MK II.)

This S1946 parts list has few changes when compared to S1649 list:

Part number J57A Bush, clutch bridge, no longer appears in this list.

Frame, tubes and lugs assembly has new part number 125A

The front wheel section has added the following parts:

Part number 167 Cover, dust, front hub	qty. 1
Part number 168 Washer, felt, front hub	qty. 1
Part number 169 Locknut, front hub spindle	qty. 2

New section added: MUDFLAP GROUP

161 Mudflap, front	qty. 1
165 Screw, front mudflap to petrol tank	qty. 2

New section added: REAR MUDGUARD GROUP

162A Mudguard assy, rear	qty. 1
165 Screw, rear mudguard stay to fork end	qty. 2
166 Nut, rear mudguard stay screw	qty. 2
81A Washer, rear mudguard screw	qty. 2
165 Screw, rear mudguard to bracket	qty. 2
166 Nut, rear mudguard to bracket screw	qty. 2
81A Washer, shakeproof, rear mudguard screw	qty. 2

Tank, fuel, and fixed fittings assy, R.H. has new part number E42A

Tank, fuel, and fixed fittings assy, L.H. has new part number E42B

New part added: 159 Washer, fuel tank cap qty. 1

Bolt, fuel tank fixing has new part number 43A qty. 4

Part number 1071 Banjo, fuel feed pipe is discontinued in this list

PART NO.	DESIGNATION	No. OFF
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ENGINE GROUP.

155	Engine Assy (with carb.)	1
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CYLINDER BARREL.

JDL1 ASS	Barrel and Piston Assy	1
D5776	Washer, cylinder barrel base	1
JDL109	Manifold, inlet	1
E3949	Washer, exhaust and inlet manifold, combined	1
JDL113	Manifold, exhaust	1
E3948	Washer, exhaust manifold to cylinder	1
JDL114	Washer, exhaust manifold to silencer	1
JDL100	Stud, cylinder to inlet manifold, long	2
68V	Stud, cylinder to exhaust manifold, short	2
98/205	Nut, inlet and exhaust manifold stud	4
98/207	Washer, inlet and exhaust manifold stud	4

CYLINDER HEAD.

JDL2	Head, cylinder	1
125/3	Bolt, head to cylinder	4
125/4	Washer, cylinder head bolt	4
75	Steady, cylinder head	1
75A	Nut, cylinder head steady to frame	2
75B	Washer, cylinder head steady	1

PART No.	DESIGNATION	No. OFF
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PISTON.

JDL36ASS	Piston, pin, rings and circlips assy. standard	1
125/7	Ring, piston, standard	2
125/8	Pin, piston	1
125/9	Circlip, piston pin	2

CRANKSHAFT.

J28	Crankshaft	1
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CONNECTING ROD.

NIV/4	Rod, connecting	1
JDL108	Bush, connecting rod, small end	1
J29	Crankpin, with rivet and washer	1
209	Roller, crankpin, bronze and steel, sets of 8	1 set

CRANKCASE AND CLUTCH COVER.

J13	Crankcase half and clutch case, less bearings	1
J13A	Crankcase half, outer	1
E4999	Gasket, crankcase to outer half	1
J14	Cover, clutch, with bush	1
D5002	Gasket, clutch cover to crankcase half	1
J35	Bush, crankcase gland	1
J31	Spring, crankcase gland bush	1
162	Plug, crankcase drain	1
163	Washer, crankcase drain plug	1
125/47	Plug, oil filler, clutch cover	1
V107X3	Washer, oil filler plug	1
J17	Plate, crankcase bearing retaining	1
J22	Plate, clutch case bearing retaining	1
J24	Gasket, clutch case bearing retaining plate	1

PART No.	DESIGNATION	No. OFF
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CRANKCASE AND CLUTCH COVER BEARINGS.

J21	Bearing, ball journal, crankshaft, in c/case	1
V52	Bearing, ball journal, crankshaft, in clutch cover	1
J14A	Bush, crankshaft, in clutch cover	1
V52	Bearing, ball journal, clutch shaft, in clutch case	1
J50	Bearing, ball journal, clutch shaft, in clutch cover	1

CRANKCASE AND CLUTCH COVER STUDS AND BOLTS.

125/27	Stud, cylinder base	4
125/28	Nut, cylinder base stud	4
174	Washer, cylinder base stud	4
J19	Stud, crankcase to outer half, long	2
J20	Stud, crankcase to outer half, short	4
98/205	Nut, crankcase stud	12
98/207	Washer, crankcase stud	12
J15	Stud, clutch case, short	2
J16	Stud, clutch case, long	1
98/205	Nut, clutch case stud	6
98/207	Washer, clutch case stud	6
JDL110	Bolt, clutch cover to frame	2
J23	Screw, bearing plate to crankcase	3
J23	Screw, bearing plate to clutch case	4

ENGINE SPROCKET.

J30	Sprocket, engine	1
J33	Key, engine sprocket	1
J32	Nut, engine sprocket	1
J12	Washer, engine sprocket nut locking	1

EXHAUST SYSTEM GROUP.

83	Pipe, exhaust	1
85	Pin, exhaust pipe to frame tube	1
86	Nut, exhaust pipe bolt	1
87	Washer, exhaust pipe bolt	1
82	Silencer	1

PART No. DESIGNATION No. OFF

FINAL DRIVE SPROCKET GROUP.

J52	Sprocket, final drive	....	....	....	....	1
J54	Key, final drive sprocket	....	....	....	....	1
J53	Nut, final drive sprocket	....	....	....	....	1

CLUTCH GROUP.

J46	Sprocket, clutch, w/cork inserts and ballrace	....	....	....	....	1
146	Inserts, clutch sprocket, cork, large	....	....	....	....	10
147	Inserts, clutch sprocket, cork, small	....	....	....	....	5
JDL48	Ballrace, clutch sprocket	....	....	....	....	1
J49	Plate, ballrace retaining	....	....	....	....	2
E5001	Rivet, ballrace retaining plate	....	....	....	....	5
NIV/5	Ball, clutch ballrace, $\frac{1}{8}$ in. dia.	....	....	....	....	33
J47	Plate, clutch, w/cork inserts	....	....	....	....	1
149V	Insert, clutch plate, cork	....	....	....	....	15
JDL43	Plate, clutch, outer, steel	....	....	....	....	1
J44	Plate, clutch, centre, steel	....	....	....	....	1
JDL123	Plate, clutch, inner, steel	....	....	....	....	1
J51	Spring, clutch	....	....	....	....	1
JDL121	Bush, clutch spring locating, short	....	....	....	....	1
JDL122	Bush, clutch spring locating, long	....	....	....	....	1
J39	Shaft, clutch	....	....	....	....	1
J40	Cotter, clutch, shaft sliding	....	....	....	....	1

CLUTCH CONTROL.

J59	Lever, clutch operating	....	....	....	....	1
J58	Pin, clutch operating lever	....	....	....	....	1
—	Cotter, clutch operating lever pin $\frac{1}{16}$ in. x $\frac{1}{16}$ in.	....	....	....	....	1
J57	Bridge, clutch, with bush	....	....	....	....	1
J61	Screw, clutch bridge fixing	....	....	....	....	3
J60	Screw, clutch rod adjusting	....	....	....	....	1
98/205	Nut, clutch rod adjusting screw locking	....	....	....	....	1
J41	Rod, clutch, inner, long	....	....	....	....	1
J42	Rod, clutch, centre, short	....	....	....	....	1
J42A	Rod, clutch, outer	....	....	....	....	1
NIV/6	Ball, clutch rod, $\frac{3}{8}$ in. dia.	....	....	....	....	1

PART No. DESIGNATION No. OFF

FRAME GROUP.

125A	Frame, tubes and lugs assy	....	....	....	....	1
11	Ballrace, frame head	....	....	....	....	2
NIV/5	Ball, steering ballraces, $\frac{1}{8}$ in. dia.	....	....	....	....	60
68	Lug, saddle pillar	....	....	....	....	1
69/70	Pin, saddle pillar lug, and tommy bar assy	....	....	....	....	1
94	Bolt, engine to frame	....	....	....	....	2
94A	Nut, engine to frame bolt	....	....	....	....	2

FRONT FORK GROUP.

126	Girder, front fork	....	....	....	....	1
12	Ballrace, front fork crown	....	....	....	....	1
5	Column, steering	....	....	....	....	1
12	Ballrace, steering column	....	....	....	....	1
10	Key, steering column	....	....	....	....	1
7	Ring, steering column locking	....	....	....	....	1
8	Screw, steering column ring securing	....	....	....	....	1
9	Pin, steering column to column tube	....	....	....	....	1
127	Tube assy, steering column, lugs, collars and sleeve	....	....	....	....	1
17	Pin, steering column sleeve to steady	....	....	....	....	1
128	Steady, steering column, assy	....	....	....	....	1
35	Body, steering steady trunnion	....	....	....	....	1
40	Bolt, steering steady trunnion securing	....	....	....	....	2
36/39	Plunger assy, steering steady trunnion	....	....	....	....	1
38	Spring, steering steady trunnion plunger	....	....	....	....	1
37	Plug, steering steady trunnion	....	....	....	....	1

FRONT WHEEL GROUP.

129	Wheel, front, assembled	....	....	....	....	1
107	Spoke, front wheel, with nipple	....	....	....	....	20
102	Cup, front hub	....	....	....	....	2
103	Cone, front hub, fixed	....	....	....	....	1
104	Cone, front hub, adjusting	....	....	....	....	1
NIV/7	Ball, front hub, $\frac{1}{2}$ in. dia.	....	....	....	....	18
167	Cover, dust, front hub	....	....	....	....	2
168	Washer, felt, front hub	....	....	....	....	2
100	Spindle, front hub	....	....	....	....	1
101	Nut, front hub spindle	....	....	....	....	2
169	Locknut, front hub spindle	....	....	....	....	2

