

STUART MAJOR BEAM ENGINE PARTS LIST PAGE 1 (included in kit)

ITEM No.	PART No.	DESCRIPTION	MATERIAL	SIZE	QTY.
4	80110	CYLINDER	CAST IRON		1
5	61152	TOP COVER	CAST IRON		1
6	61126	VALVE CHEST	CAST IRON		1
7	61132	VALVE CHEST COVER	CAST IRON		1
26	61148	SLIDE VALVE	CAST IRON		1
1	90083	BEDPLATE	CAST IRON		1
118	70210	PEDESTAL	CAST IRON		1
59	80108	COLUMN	CAST IRON		1
64	70216	BEAM	CAST IRON		1
124	80112	FLYWHEEL	CAST IRON		1
125	70218	PULLEY	CAST IRON		1
58	70214	ENTABLATURE	CAST IRON		1
110	61150	CRANK	CAST IRON		1
113	61128	MAIN BEARING HOUSING	CAST IRON		2
114	61130	MAIN BEARING CAP	CAST IRON		2
60	61134	BEAM BEARING HOUSING	CAST IRON		2
61	61136	BEAM BEARING CAP	CAST IRON		2
97	70208	CONNECTING ROD	CAST IRON		1
85	70212	FEED PUMP BODY	CAST IRON		1
86	61142	FEED PUMP GLAND	CAST IRON		1
129	61146	GOVERNOR BRACKET	CAST IRON		1
2,8	CI312	PISTON & CYLINDER BOSS	CAST IRON		2
32, 33	61138	VALVE SHAFT BEARING & CAP	GUNMETAL		2
95	61144	FEED PUMP FLANGE	GUNMETAL		1
120	61154	ECCENTRIC STRAP	GUNMETAL		1
	72404	PISTON RINGS	CAST IRON		2
	61406	GEAR	MILD STEEL		1
	61407	GEAR	MILD STEEL		1



**STUART MODELS**

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STUART MAJOR BEAM ENGINE PARTS LIST PAGE 2 (not included in kit)

ITEM No.	PART No.	DESCRIPTION	MATERIAL	SIZE	QTY.
11		CROSSHEAD COTTER	MILD STEEL		1
12		PISTON ROD CROSSHEAD	MILD STEEL		1
25		VALVE ROD CROSSHEAD	MILD STEEL		1
27		VALVE MOTION LINKS	MILD STEEL		2
29		VALVE LEVER PIN	MILD STEEL		2
30		VALVE LINK LEVER	MILD STEEL		2
31		VALVE SHAFT	MILD STEEL		1
34		VALVE HAND LEVER	MILD STEEL		1
35		HAND LEVER KEY	MILD STEEL		1
36		ECCENTRIC ROD PIVOT PIN	MILD STEEL		1
44		THROTTLE CRANK	MILD STEEL		1
45		ENTABLATURE STAY	MILD STEEL		1
53		WHEEL VALVE CROSSBAR	MILD STEEL		1
54		WHEEL VALVE SPACER	MILD STEEL		2
55		WHEEL VALVE HAND WHEEL	MILD STEEL		1
57		THROTTLE STAY	MILD STEEL		1
63		BEAM SHAFT	MILD STEEL		1
65		MOTION LINK STUD	MILD STEEL		2
69		MOTION LINK SPACER BUSH	MILD STEEL		4
70		MOTION LINK STRAP	MILD STEEL		4
71		MOTION LINK PRESSURE PLATE	MILD STEEL		4
72		MOTION LINK GIB	MILD STEEL		4
73		MOTION LINK COTTER	MILD STEEL		4
74		PARALLEL ROD	MILD STEEL		2
75		CROSSBAR	MILD STEEL		1
76		RADIUS ROD	MILD STEEL		2
78		RADIUS ROD PIVOT PIN	MILD STEEL		2
79		PUMP STUD	MILD STEEL		1
80		PUMP STUD WASHER	MILD STEEL		1
81		PUMP ROD	MILD STEEL		1
83		PLUNGER PIN	MILD STEEL		1
98		CONNECTING ROD STUD	MILD STEEL		1
101		FORK END STRAP	MILD STEEL		2
102		FORK END GIB	MILD STEEL		2
103		FORK END COTTER	MILD STEEL		2
106		BIG END STRAP	MILD STEEL		1
107		BIG END GIB	MILD STEEL		1
108		BIG END COTTER	MILD STEEL		1
109		CRANKPIN	MILD STEEL		1
112		CRANKSHAFT	MILD STEEL		1
122		ECCENTRIC ROD	MILD STEEL		1
123		ECCENTRIC ROD KEEP	MILD STEEL		1
128		GOV. BEVEL GEAR KEY	MILD STEEL		1
130		GOVERNOR SPINDLE	MILD STEEL		1
132		THRUST COLLAR	MILD STEEL		1
133		GOVERNOR PILLAR	MILD STEEL		1
135		GOVERNOR SLEEVE	MILD STEEL		1
136		GOVERNOR BELL CRANK	MILD STEEL		1
137		BELL CRANK STAY	MILD STEEL		1
138		BELL CRANK PIVOT PIN	MILD STEEL		1
139		LINK ROD HEAD PIN	MILD STEEL		2
140		GOVERNOR LINK ROD HEAD	MILD STEEL		1
141		GOVERNOR LINK ROD.	MILD STEEL		1
142		THROTTLELINK ROD	MILD STEEL		1
143		THROTTLE LINK ROD HEAD	MILD STEEL		1
144		LINK ROD ADJUSTER	MILD STEEL		1
145		GOVERNOR SPINDLE WASHER	MILD STEEL		1
146		WEIGHT LINKS	MILD STEEL		2
147		SLEEVE STOP COLLAR	MILD STEEL		1
148		WEIGHT ARMS	MILD STEEL		2
149		CENTRIFUGAL WEIGHTS	MILD STEEL		2

STUART MAJOR BEAM ENGINE PARTS LIST PAGE 3 (not included in kit)

ITEM No.	PART No.	DESCRIPTION	MATERIAL	SIZE	QTY.
150		WEIGHT CARRIER	MILD STEEL		1
151		GOVERNOR LINK PIVOT PINS	MILD STEEL		6
152		BEAM BEARING PED. STUDS	MILD STEEL		4
153		RADIUSED ROD BUSH CLAMPING SCREW	MILD STEEL		4
154		VALVE LINK BUSH CLAMPING SCREW	MILD STEEL		4
17		CYLINDER LUBRICATOR BODY	BRASS		1
18		CYLINDER LUBRICATOR PLUG	BRASS		1
19		CYLINDER LUBRICATOR CAP	BRASS		1
20		CYLINDER LUBRICATOR WASHER	BRASS		1
21		CYLINDER. LUBRICATOR NUT	BRASS		1
22	72001	UNION COCK	BRASS		1
28		VALVE LINK BUSHES	BRASS		4
37		STEAM PIPE FLANGE	BRASS		2
39		CYLINDER. EXHAUST FLANGE	BRASS		1
40		THROTTLE BODY	BRASS		1
42		THROTTLE GLAND	BRASS		1
43		THROTTLE BUTTERFLY VALVE	BRASS		1
46		WHEEL VALVE BODY	BRASS		1
47		WHEEL VALVE SEAT	BRASS		1
48		WHEEL VALVE TOP FLANGE	BRASS		1
49		WHEEL VALVE GLAND	BRASS		1
62		BUSH	BRASS		2
66		UPPER RADIUSED M.L. BUSH	BRASS		4
67		UPPER SQUARE M.L. BUSH	BRASS		4
68		LOWER M.L. BUSH	BRASS		4 PAIRS
77		RADIUS ROD BUSH	BRASS		4 PAIRS
82		PUMP ROD BUSH	BRASS		1
88		FEED PUMP HOLE PLUG	BRASS		1
89		FEED PUMP BASE PLUG	BRASS		1
90		SUCTION PUMP VALVE SEAT	BRASS		1
91	72415	SUCTION PUMP LINER	BRASS		2
92	72410	SUCTION PUMP NUT	BRASS		1
93		DELIVERY PUMP VALVE SEAT	BRASS		1
99		RADIUSED FORK END BUSH	BRASS		2
100		SQUARE FORK END BUSH	BRASS		2
104		RADIUSED BIG END BUSH	BRASS		1
105		SQUARE BIG END BUSH	BRASS		1
111		CRANK WELL	BRASS		1
115		MAIN BEARING BUSH	BRASS		2 PAIRS
116		BEARING LUBRICATOR BODY	BRASS		4
117		LUBRICATOR CAP	BRASS		4
121		LUBRICATOR ECCENTRIC STRAP	BRASS		1
131		THRUST BEARING	BRASS		1
134		GOVERNOR SPINDLE BUSHES	BRASS		2
15		PISTON GLAND BUSH	GUNMETAL		1
16		PACKING GLAND BUSH	GUNMETAL		1
23		VALVE ROD GLAND	GUNMETAL		1
51		WHEEL VALVE DISK	GUNMETAL		1
87		GLAND BUSH PUMP	GUNMETAL		1
10		PISTON ROD	STAINLESS		1
24		VALVE ROD	STAINLESS		1
41		THROTTLE SPINDLE	STAINLESS		1
50		WHEEL VALVE SPINDLE	STAINLESS		1
52		WHEEL VALVE DISC PIN	STAINLESS		1
84		PUMP PLUNGER	STAINLESS		1
94		DELIVERY PUMP VALVE STOP	STAINLESS		1

STUART MAJOR BEAM ENGINE PARTS LIST PAGE 4 (not included in kit)

ITEM No.	PART No.	DESCRIPTION	MATERIAL	SIZE	QTY.
14		PISTON ROD GLAND	CAST IRON		1
119		ECCENTRIC SHEAVE	CAST IRON		1
38		STEAM PIPE	COPPER		1
96		DELIVERY PUMP PIPE.	COPPER		1
56		WHEEL VALVE 'O' RING	RUBBER	3/16 I.D. x 5/16 O.D.	1
1		BEDPLATE	MILD STEEL	2 BA NUTS	12
45		THROTTLE STAY	MILD STEEL	2 BA NUT	1
57		ENTABLATURE STAY	MILD STEEL	2 BA NUT	1
60		BEAM BEARING HOUSING	MILD STEEL	2 BA NUTS	4
61		BEAM BEARING CAP	MILD STEEL	2 BA NUTS	4
114		MAIN BEARING CAP	MILD STEEL	2 BA NUTS	4
4		CYLINDER	MILD STEEL	4 BA NUTS	6
5		TOP CYLINDER COVER	MILD STEEL	4 BA NUTS	6
36		ECCENTRIC ROD PIN	MILD STEEL	4 BA NUT	1
78		RADIUS ROD PIVOT PIN	MILD STEEL	4 BA NUTS	2
7		VALVE CHEST COVER	MILD STEEL	5 BA NUTS	6
24		VALVE ROD	MILD STEEL	5 BA NUTS	2
29		VALVE LEVER PIN	MILD STEEL	5 BA NUTS	2
74		PARALLEL ROD	MILD STEEL	5 BA NUTS	2
86		PUMP GLAND	MILD STEEL	5 BA NUTS	3
120		ECCENTRIC STRAP	MILD STEEL	5 BA NUTS	2
14		PISTON ROD GLAND	MILD STEEL	6 BA NUTS	3
85		PUMP BODY	MILD STEEL	6 BA NUTS	3
111		CRANK WELL	MILD STEEL	6 BA NUTS	4
40		THROTTLE BODY	MILD STEEL	7 BA NUTS	4
50		WHEEL VALVE SPINDLE	MILD STEEL	7 BA NUT	1
23		VALVE ROD GLAND	MILD STEEL	8 BA NUTS	3
54		WHEEL VALVE SPACER	MILD STEEL	8 BA NUTS	2
49		WHEEL VALVE GLAND	MILD STEEL	10 BA NUTS	2
139		LINK ROD HEAD PIN	MILD STEEL	10 BA NUTS	2
59		COLUMN	MILD STEEL	1/4 BSF NUTS	4
113		MAIN BEARING HOUSING	MILD STEEL	1/4 BSF NUTS	4
118		PEDESTAL	MILD STEEL	1/4 BSF NUTS	2
10		PISTON ROD	STAINLESS	2 BA NUT	1
61		BEAM BEARING CAP	MILD STEEL	2 BA x 3/4" STUDS	4
114		MAIN BEARING CAP	MILD STEEL	2 BA x 7/8" STUDS	4
5		TOP CYLINDER COVER	MILD STEEL	4 BA x 9/16" STUDS	6
86		PUMP GLAND	MILD STEEL	5 BA x 3/4" STUDS	3
6		VALVE CHEST	MILD STEEL	5 BA x 1 3/16" STUDS	6
14		PISTON ROD GLAND	MILD STEEL	6 BA x 3/4" STUDS	3
23		VALVE ROD GLAND	MILD STEEL	8 BA x 1/2" STUDS	3
49		WHEEL VALVE GLAND	MILD STEEL	10 BA x 13/32" STUDS	2
113		MAIN BEARING HOUSING	MILD STEEL	1/4 BSF x 1" STUDS	4
2		CYLINDER BOSS	MILD STEEL	2 BA x 1/2" SET SCREWS	2
79		PUMP STUD	MILD STEEL	5 BA x 3/8" SET SCREW	1
120		ECCENTRIC STRAP	MILD STEEL	5 BA x 9/16" SET SCREWS	2
111		CRANK WELL	MILD STEEL	6 BA x 1/2" COUNTER SUNK	4
37		STEAM FLANGE	MILD STEEL	7 BA x 1/4" SET SCREWS	4
39		EXHAUST FLANGE	MILD STEEL	7 BA x 1/4" SET SCREWS	4
95		DELIVERY PUMP FLANGE	MILD STEEL	8 BA x 1/4" SET SCREWS	4
147		STOP COLLAR SLEEVE	MILD STEEL	10 BA x 5/64" SET SCREW	1
40		THROTTLE BODY	MILD STEEL	10 BA x 7/64" SET SCREW	1
132		THRUST COLLAR	MILD STEEL	10 BA x 7/64" SET SCREW	1
44		THROTTLE CRANK	MILD STEEL	10 BA x 3/32" RD HD SCREW	1
123		ECCENTRIC ROD KEEP	MILD STEEL	10 BA x 3/16" SET SCREW	1

STUART MAJOR BEAM ENGINE PARTS LIST PAGE 5 (not included in kit)

ITEM No.	PART No.	DESCRIPTION	MATERIAL	SIZE	QTY.
130		GOVERNOR SPINDLE	MILD STEEL	10 BA x 1/4" SETSCREW	1
137		BELLCRANK STAY	MILD STEEL	10 BA x 9/64" SETSCREW	2
43		BUTTERFLY VALVE THROTTLE	MILD STEEL	10 BA x 3/32" RD HD SCREW	1
119		ECCENTRIC SHEAVE	MILD STEEL	2 BA x 3/16" GRUBSCREW	1
124		FLYWHEEL	MILD STEEL	4 BA x 3/8" GRUBSCREW	1
125		PULLEY	MILD STEEL	4 BA x 5/32" GRUBSCREW	1
126		CRANKSHAFT BEVEL GEAR	MILD STEEL	6 BA x 5/32" GRUBSCREW	1
4		CYLINDER	MILD STEEL	4 BA x 3/4" BOLTS	6
58		ENTABLATURE	MILD STEEL	4 BA x 3/4" BOLTS	2
129		GOVENOR BRACKET	MILD STEEL	4 BA x 5/8" BOLTS	2
32		VALVE SHAFT BEARING	MILD STEEL	5 BA x 3/8" BOLTS	4
85		PUMP BODY	MILD STEEL	6 BA x 1/2" BOLTS	3
40		THROTTLE BODY	MILD STEEL	7 BA x 3/4" BOLTS	4
33		VALVE SHAFT CAP	MILD STEEL	8 BA x 5/16" BOLTS	4
118		PEDESTAL	MILD STEEL	1/4 BSF x 5/8" BOLTS	2
59		COLUMN	MILD STEEL	1/4 BSF x 1 1/2" BOLTS	4
60		BEAM BEARING HOUSING	MILD STEEL	2 BA LOCKNUTS	4
61		BEAM BEARING CAP	MILD STEEL	2 BA LOCKNUTS	4
114		MAIN BEARING CAP	MILD STEEL	2 BA LOCKNUTS	4
113		MAIN BEARING HOUSING	MILD STEEL	1/4 BSF LOCKNUTS	4
4		CYLINDER	SPRING STEEL	4 BA SPRING WASHERS	6
85		PUMP BODY	SPRING STEEL	6 BA SPRING WASHERS	3
59		COLUMN	SPRING STEEL	1/4 BSF SPRING WASHERS	4
124		FLYWHEEL	MILD STEEL	No.8 WOODRUFF KEY	1
125		PULLEY	MILD STEEL	No.7 WOODRUFF KEY	1
126		CRANKSHAFT BEVEL GEAR	MILD STEEL	No.1 WOODRUFF KEY	1
30		VALVE LINK LEVER	MILD STEEL	5/64 TAPER PINS	2
34		VALVE HAND LEVER	MILD STEEL	5/64 TAPER PIN	1
120		ECCENTRIC STRAP	MILD STEEL	5/64 TAPER PIN	1
83		PUMP PLUNGER	MILD STEEL	3/64 x 7/32 SPLIT PIN	1
138		BELL CRANK PIVOT	MILD STEEL	3/64 x 7/32 SPLIT PIN	1
151		GOVERNOR LINK	MILD STEEL	1/32 x 5/32 SPLIT PINS.	6



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