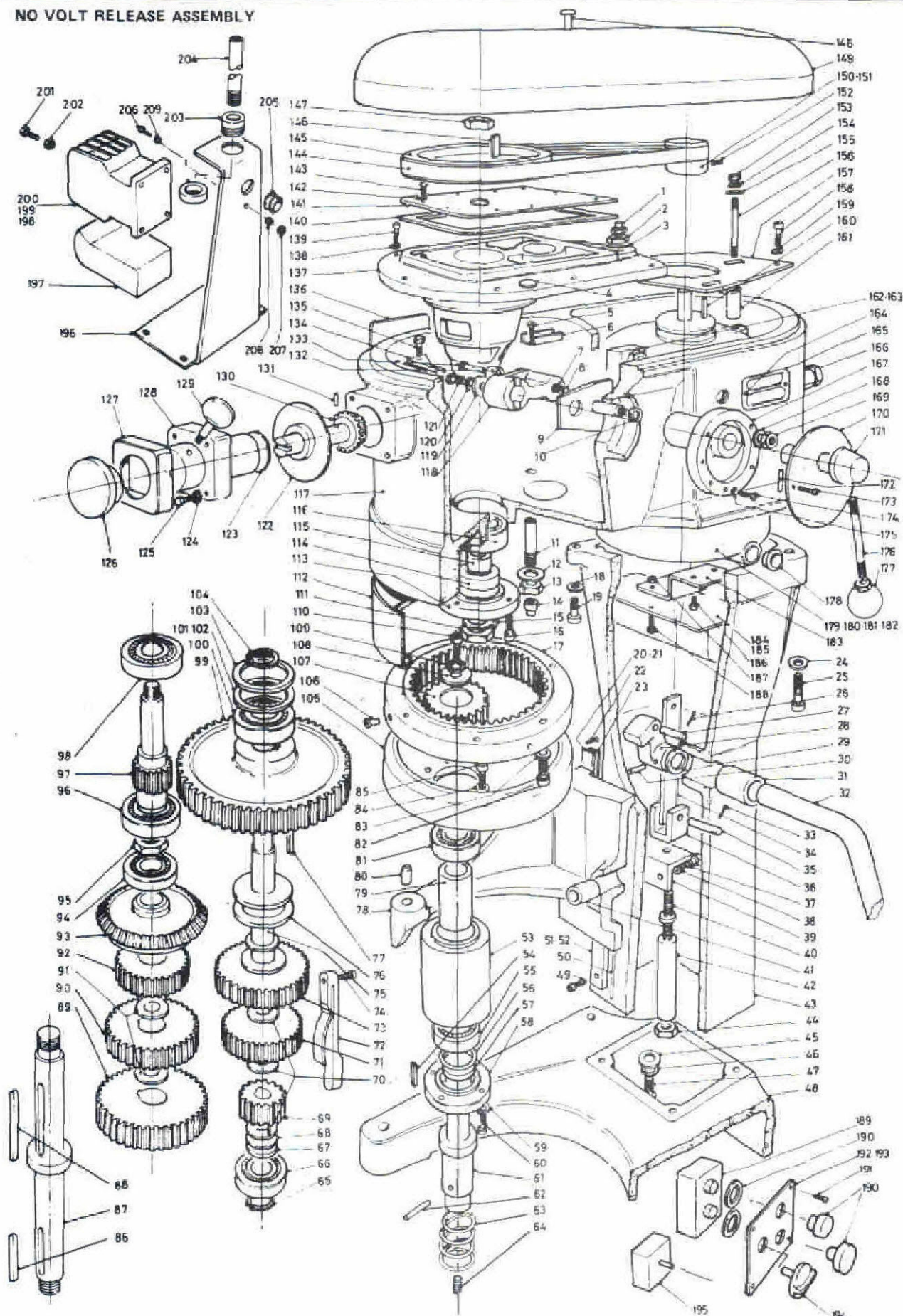


Service Replacement Parts_{3/3}

NO VOLT RELEASE ASSEMBLY



MODIFICATIONS TO CONTROL PANEL ASSEMBLY

OR 1563/989

SERVICE**TEAM**

2Q QT. EQUIP SAME AS EG20.

 WALKER AQ19751A (EC20) AQ19768 (EC12)
 BEATER AQ18778A AQ19766 (EC12)
 HOOK AQ19312A

BOWL AQ16568A

EC12

**EC20
Mixer****Service Replacement Parts**^{2/3}

Item	Part No	Description	Qty	Item	Part No	Description	Qty
A108	Q18146	Special Plain Washer	1	178	Q622	Insulating Bush for Motor	1
A109	8636	6mm Lock Washer	1	MOTORS			
A110	Q19302	M6 X 16 Lg Hex. Socket Cap Hd Screw	1	State Voltage Required			
111	Q202A	Shaft Nut for Planetary Shaft	1	179	Q19314	Motor 200/210V. 50Hz 1PH.*	1
112	Q19277	Condense Collar	1	180	Q19315	Motor 220/240V. 50Hz 1PH.*	1
113	Q19230	Cap for Planetary Shaft	1			110/120V.)	
114	Q19287	Oil Seal for Planetary Shaft	1	181	Q19316	Motor 220/240V.) 60Hz 1PH*	
115	Q19256	Sleeve for Oil Seal	1			220/254V.)	1
116	Q12324	Ball Bearing for Planetary Shaft	1	182	Q19320	Motor 380/440V.) 50/60Hz 3PH.	1
117	Q19220A	Gearbox	1		Q18147	Endplate (non-driving end)	1
E118	Q19229	Control Crank	1		Q18148	Endplate (driving end)	1
E119	Q16452	Special Plain Washer	1		Q12105	Ball Bearing	2
E120	8635	5mm Lock Washer	1	183	Q19317	Condenser Strap	1
E121	Q19297	M5 x 12 Long Hex. Head Screw	1			Parts for One Phase Only	
122	Q19275	Oil Flinger	1	184	Q18072	Condenser for Motors Q19314 and	
123	Q16460	Shim for Attachment Bevel Wheel As Req				Q19315	1
124	Q191	8mm Lock Washer	4	185	Q19322	Condenser for Motor Q19316	1
125	Q19300	M8 x 25 Long Hex. Socket Cap		186	Q19327	No. 6 x 3/8" Lg Pan Hd Screw-	
		Head Screw	4			Self Tapping	2
126	Q16539	Cap for Attachment Hub	1	187	Q19321	M4 Full Nut	2
127	Q19291	Shroud for Attachment Hub	1	188	Q19307	M4 x 8 Long Pan Head Screw	2
128	Q19227A	Attachment Hub	1		Q18057	Contact and Terminal Base Assy. for	
129	Q590G	Thumbscrew	1			Motors Q19314 and Q19315	1
130	Q19245	Attachment Drive Bevel Wheel	1		Q18056	Contact and Terminal Base Assy. for	
131	Q19213	Drive Pin for Oil Flinger	1			Motor Q19316	1
E132	Q19260	Roller for Control Stud	1		Q18152	Centrifugal Gear Complete with Springs	1
E133	Q19252	Control Stud	1		Q18153	Spring for Centrifugal Gear	2
134	Q19276	Oil Plough	1			Part for 3 Phase Motors Only	
135	Q19296	M6 x 10 Long Hex. Head Screw	1		Q18151	Terminal Base Assembly	1
136	Q16758	Self Adhesive Emblem	1	* MOTOR SUPPLIED WITH CONDENSER, BUT WITHOUT CONDENSER STRAP.			
137	Q19226	Upper Bearing Housing	1	ADDITIONAL PARTS FOR NO-VOLT RELEASE MACHINES			
138	8636	6mm Lock Washer	8	Item	Part No	Description	Qty
139	Q19301	M6 x 20 Long Hex. Socket Cap		189	Q19366	2-Push Button Unit	1
		Head Screw	8	190	Q19367	Mounting Bracket & P.B. Rings	1
140	Q19326	Gasket for Upper Bearing Housing	1	191	Q19307A	M4 x 8 Long Pan Head Screw	4
141	Q19272	Coverplate for Upper Bearing Housing	1	192	Q18953	Push Button Panel	1
142	8636	6mm Lock Washer	9	193	Q18956	Switch Panel (If Switch fitted)	1
143	Q19295	M6 x 16 Long Hex. Head Screw	9	194	Q18955	Knob for Timer (If fitted)	1
144	Q19290	Poly V Belt (all supplies)	1	195	Q18954	Timer	1
B145	Q19234	Driven Pulley (all supplies)	1	196	Q18948	Contactor Mounting Bracket	1
B146	Q254	Key for Driven Pulley	1	197	Q19390	Overload Cut-out 240V 1PH	1
B147	Q202A	Shaft Nut for First Reduction Shaft	1		Q19389	Overload Cut-out 400/440V 3PH	1
148	Q19306	M10 x 60 Long Mushroom Head Bolt	1		Q18976	Overload Cut-out 220/250V 3PH	1
149	Q19221A	Cover	1		Q18977	Overload Cut-out 110V 1PH	1
150	Q19232	Driving Pulley (50Hz supplies)	1	198	Q19387	Contactor with Coil 240V 50Hz	1
151	Q19233	Driving Pulley (60Hz supplies)	1		Q19388	Contactor with Coil 415V 50Hz	1
152	8251	No. 2 B.A. x 1/4" Long Grubscrew	1		Q18963	Contactor with Coil 110V 60Hz	1
153	Q93F	1/4" B.S.F. Full Nut	3	199	Q18965	Spare Coil 240V 50Hz	1
154	8636	1/4" Lock Washer	3		Q18966	Spare Coil 415V 50Hz	1
155	Q18282	Special Plain Washer	3		Q18964	Spare Coil 110V 60Hz	1
156	Q17979	Stud for Motor Fixing	3	200	Q18967	Alternative Coil 220V 50Hz	1
157	Q19273	Motor Support Plate	1		Q18970	Alternative Coil 200V 50Hz	1
158	Q19302	M6 x 16 Long Hex. Socket Cap Hd Screw	4		Q18968	Alternative Coil 220V 60Hz	1
159	8636	6mm Lock Washer	4		Q18969	Alternative Coil 380V 50Hz	1
160	5738	Key for Motor Shaft	1		Q18971	Alternative Coil 380V 60Hz	1
161	Q17978	Spacer for Motor	3		Q18972	Alternative Coil 440V 50Hz	1
162	Q16890	Switch (1 phase supplies)	1		Q18973	Alternative Coil 400V 50Hz	1
163	Q17892	Switch (3 phase supplies)	1	201	Q19360A	M4 x 20 Long Pan Head Screw	2
164	Q19308A	M5 x 10 Long Pan Head Screw	4	202	Q19321	M4 Full Nut	2
165	Q14472	Nameplate Carrier	2	203	Q19707	Adaptor with Lockring	1
166	Q14127	Cable Gland	1	204	Q18987	Support Tube	1
E167	Q19228	Control Housing	1	205	Q18949	Grommet	1
E168	8601C	6mm Plain Washer	1	206	Q19360A	M4 x 20 Long Pan Head Screw	1
E169	Q19310	M6 Full Nut	1	207	Q19361	M4 Full Nut	1
170	Q19278	Control Panel	1	208	8635	3/16" Dia. Single Coil Washer	1
E171	Q19250A	Control Spindle	1	209	8640	3/16" Std. Washer	1
E172	Q16471	Cross Pin for Control Spindle	1				
173	Q19307A	M4 x 8 Long Pan Head Screws	2				
174	Q19301	M6 x 20 Long Hex. Socket Cap Hd					
		Screw	4				
175	8636	6mm Lock Washer	4				
E176	Q19251A	Stem for Ball Knob	1				
E177	Q19294	Ball Knob	1				

Service Replacement Parts^{1/3}

EC20 PARTS LISTS

Item	Part No	Description	Qty	Item	Part No	Description	Qty
	Q19202	Beater Shaft Assy. Comprising Parts Marked A	1	48	Q19223A	Base	1
	Q19203	First Redn. Shaft Assy. Comprising Parts Marked B	1	49	Q19302A	M6 x 16 Lg Hex. Socket Cap Hd Screw	8
	Q19204	Planetary Shaft Assy. Comprising Parts Marked C	1	50	Q19285	Packing for Pedestal Strips	As Req.
	Q19205	Diving Key Shaft Assy. Comprising Parts Marked D	1	51	Q19267A	Right Hand Strip for Pedestal	1
	Q19206	Control Assy. Comprising Parts Marked E	1	52	Q19268A	Left Hand Strip for Pedestal	1
1	Q394	1/8" B.S.P. Breather for Oil Filler Plug	1	A53	Q19254	Housing for Beater Shaft	1
2	Q393	3/8" B.S.P. Oil Filler Plug	1	A54	Q16527	Key for Beater Shaft	1
3	Q475	Washer for Oil Filler Plug	1	A55	Q16537	Ball Bearing (lower) for Beater Shaft	1
4	Q19292	Seating Pad for Cover	2	A56	Q16536	"O" Ring for Sealing Sleeve	1
5	Q19307A	M4 x 8 Long Pan Head Screw	1	A57	Q16533	Revolving Sealing Sleeve	1
6	Q19279	Oil Channel	1	A58	Q19253	Cap for Beater Shaft	1
E7	Q9165	Spring for Gearchange Indexing	1	A59	8635	5mm Lock Washer	4
E8	Q9164	5/16" Dia. Ball	1	A60	Q19304A	M5 x 16 Long Cheese Head Screw	4
E9	Q19274	Indexing Plate with Stem	1	A61	Q19249	Beater Shaft	1
E10	Q19282	Shim for Indexing Plate Stem	As Req.	A62	Q13917	Beater Pin	1
11	Q19289	Oil Lever Tube	1	A63	Q16470	Spring for Beater Shaft	1
12	Q475	Washer for Oil Drain Plug	1	A64	Q19309	M6 x 16 Long Grubscrew	1
13	Q393A	3/8" B.S.P. Oil Drain Plug	1	D65	Q14781	Circlip for Diving Key Shaft	1
14	Q400B	1/8" B.S.P. Plug	1	D66	Q12105	Ball Bearing (lower) for Diving Key Shaft	1
15	Q19311	Lock Washer for Planetary Shaft	1	D67	Q19257	Thrust Collar for Diving Key Shaft	1
16	Q19303	M6 x 12 Long Hex. Socket Cap Head Screw	4	D68	Q19281	Shim for Diving Key Shaft	As Req.
17	Q19243	Internal Wheel	1	D69	Q19238	Slow Gearwheel (23T) for Diving Key Shaft	1
18	Q191	8mm Lock Washer	2	D70	Q19258	Washer for Diving Key Shaft	3
19	Q19299A	M8 x 30 Long Hex. Socket Cap Head Screw	2	D71	Q19240	Medium Gearwheel (34T) for Diving Shaft	1
20	Q19283	Packing for Bowl Support Strips-Thick	As Req.	D72	Q19210	Diving Key Assembly	1
21	Q19284	Packing for Bowl Support Strips-Thin	As Req.	D73	Q19242	Fast Gearwheel (46T) for Diving Key Shaft	1
22	Q19305A	M6 x 16 Long C'sk Head Screw	8	D74	Q16414	Screw for Diving Key	1
23	Q19269A	Strip for Bowl Support	2	D75	Q19247	Diving Key Shaft	1
24	Q191	8mm Lock Washer	2	D76	Q19255	Collar for Speed Change	1
25	Q19298A	M8 x 40 Long Hex. Socket Cap Head Screw	2	D77	Q16527	Key for First Reduction Gearwheel	1
26	Q12057	1/8" Dia. x 3/4" Long Split Pin	2	78	Q19224A	Bowl Support	1
27	Q13919	Pin for Bowl Lift Crank	1	A79	Q19262	Spacer for Beater Shaft	1
28	Q19231	Crank for Bowl Lift	1	80	Q9178	Bowl Locating Pin	2
29	Q15926	Shim for Bowl Lift Crank	As Req.	A81	Q12105	Ball Bearing (upper) for Beater Shaft	1
30	Q9188	No. 2 x 2" Long Taper Pin	1	82	Q19302	M6 x 16 Lg Hex. Socket Cap Hd Screw	6
31	Q16472	Bearing Bush	1	83	8636	6mm Lock Washer	6
32	Q16462	Bowl Lift Handle	1	A84	8636	6mm Lock Washer	6
33	Q12057	1/16" Dia. x 3/4" Long Split Pin	2	A85	Q19301	M6 x 20 Long Hex. Socket Cap Hd Screw	6
34	Q19270	Connecting Rod for Bowl Lift	1	86	Q256	Key for Planetary Casing	1
35	Q16463	Pin for Bowl Lift Shackle	1	C87	Q19248	Planetary Shaft	1
36	Q16432	Shackle for Bowl Lift	1	C88	Q19288	Key for Planetary Shaft Gearwheels	1
37	Q19300	M8 x 25 Long Hex. Socket Cap Head Screw	2	C89	Q19237	Slow Gearwheel (61T) for Planetary Shaft	1
38	Q191	8mm Lock Washer	2	C90	Q19239	Medium Gearwheel (50T) for Planetary Shaft	1
39	Q19271	Angle Bracket for Bowl Lift	1	C91	Q19259	Washer for Planetary Shaft	2
40	Q16465	Stud for Bowl Lift Adjustment	1	C93	Q19246	Planetary Shaft Bevel Wheel	1
41	Q19212A	Bush for Bowl Location	1	C94	Q19286	Roller Bearing for Planetary Shaft	1
42	Q19263	Spacer	1	C95	Q202A	Shaft Nut for Planetary Shaft	1
43	Q19222A	Pedestal	1	B96	8941	Ball Bearing (lower) for First Reduction Shaft	1
44	Q80B	3/8" B.S.F. Full Nut	1	B97	Q19235	First Reduction Pinion Shaft	1
45	Q19323	Special Plain Washer	4	B98	Q16537	Ball Bearing (upper) for First Reduction Shaft	1
46	Q191	8mm Lock Washer	4	D99	Q19236	First Reduction Gearwheel	1
47	Q19299A	M8 x 30 Lg Hex. Socket Cap Hd Screw	4	D100	Q4895	Ball Bearing (upper) for Diving Key Shaft	1
				50127/03			
				101	Q19280	Shim for Diving Key Shaft - Thin	As Req.
				102	Q19280A	Shim for Diving Key Shaft - Thick	As Req.
				103	Q19261	Spacer for Diving Key Shaft	1
				D104	Q14781	Circlip for Diving Key Shaft	1
				A105	Q19225	Planetary Casing	1
				106	Q19293	Bullet Catch	2
				A107	Q19244	Beater Pinion	1

OR 1563/989

C92 Q19241 Gear for Planetary 38T FAST