

6

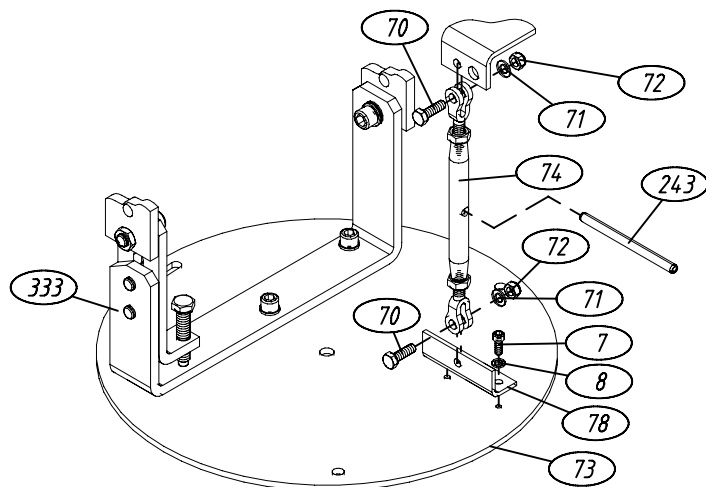


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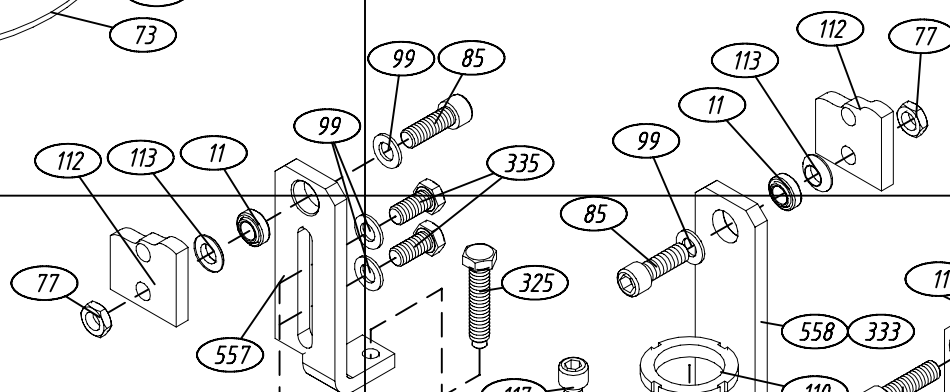
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A



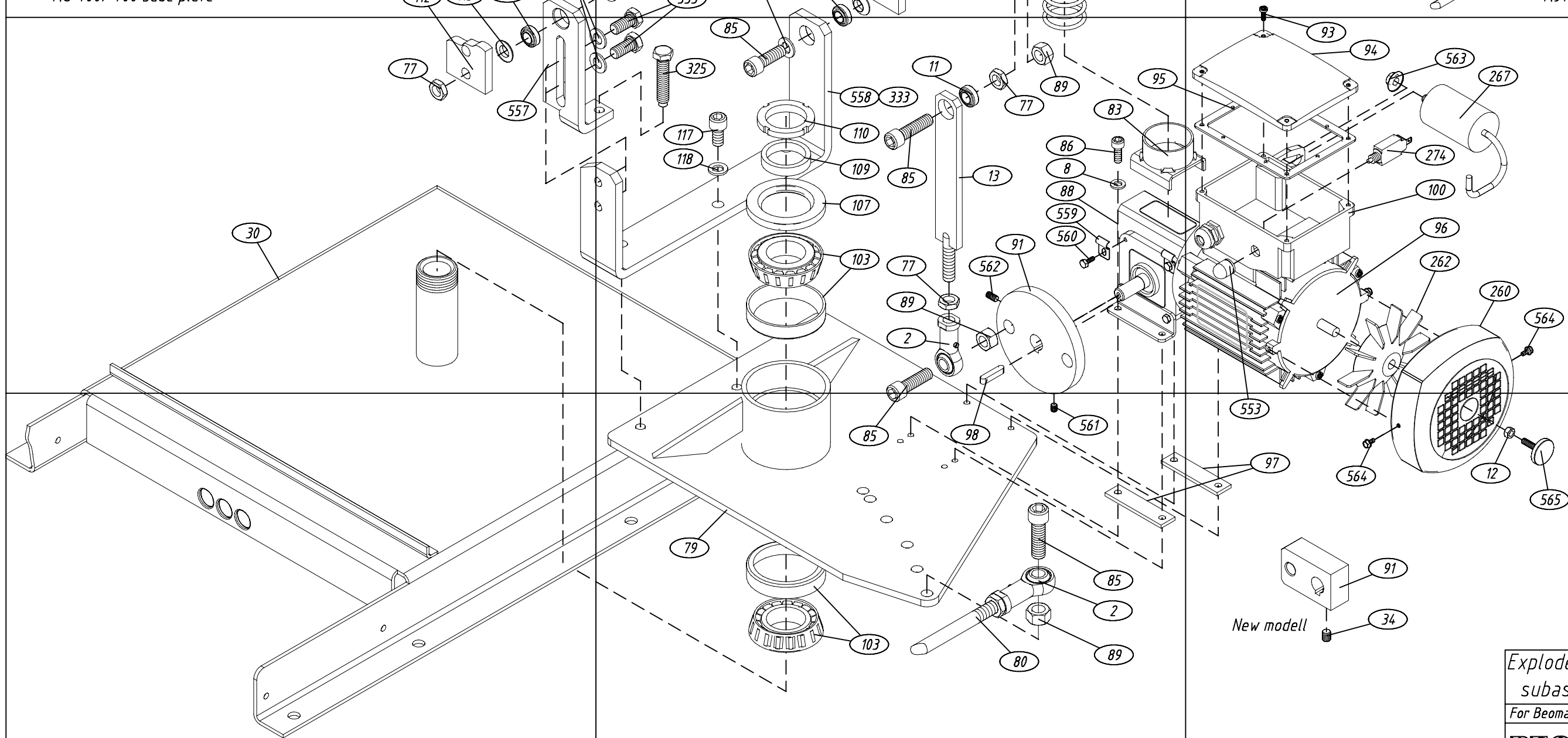
MS 400/ 700 base plate

B

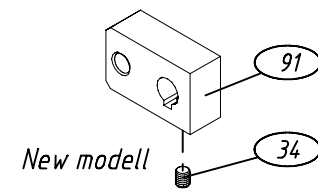


MJT 400 horizontal drive plate

C



MJT 400 horizontal/ vertical drive plate



New modell

Exploded View of verticaldrive
subassembly and baseplate

For Beomat MS, MT and MJT

BEOMAT

Design JPN Date 061205

E10 03

10

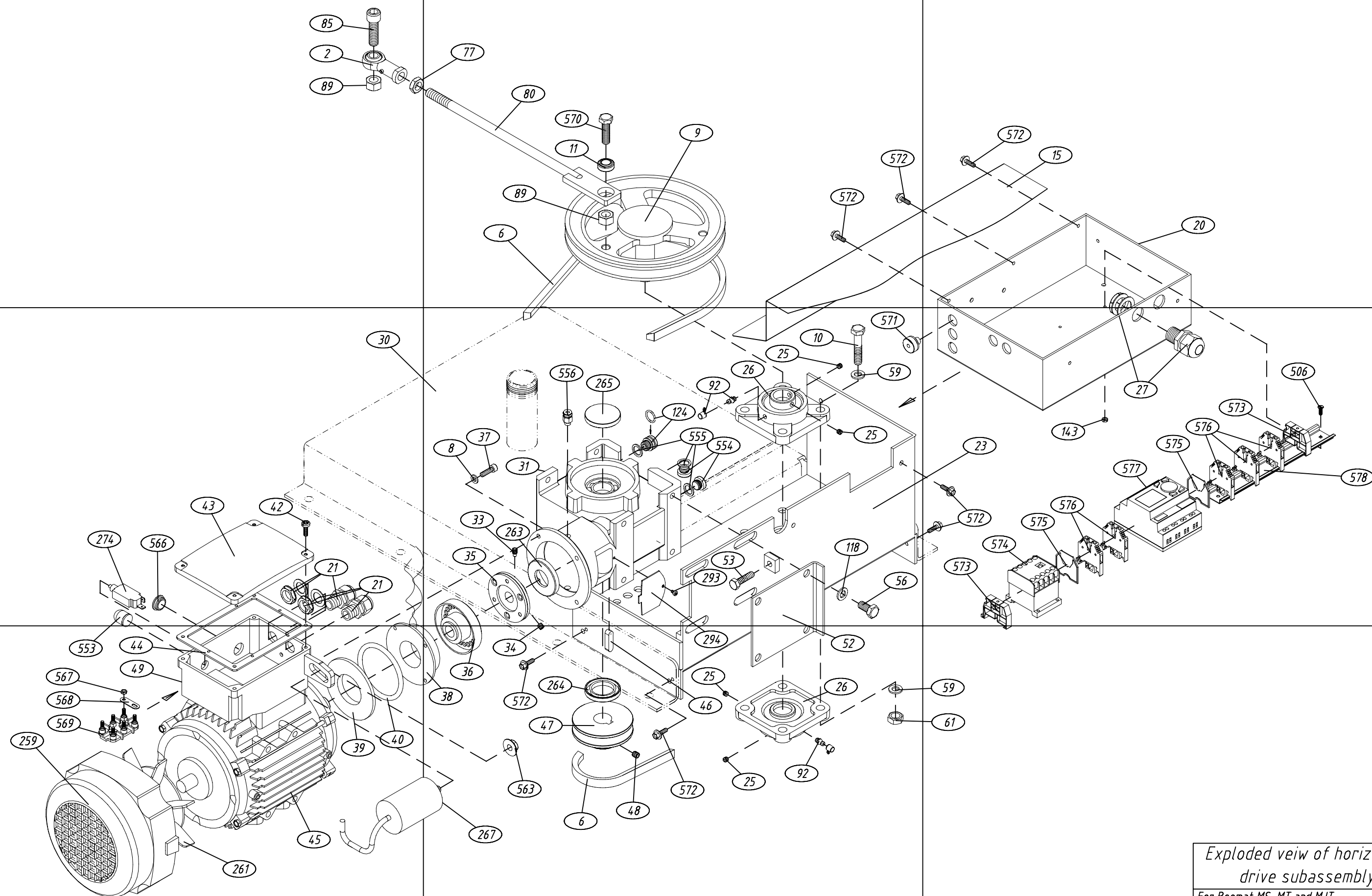
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A

B

C



(256) Complete drive unit/ motor-clutch-wormgear

Exploded view of horizontal
drive subassembly

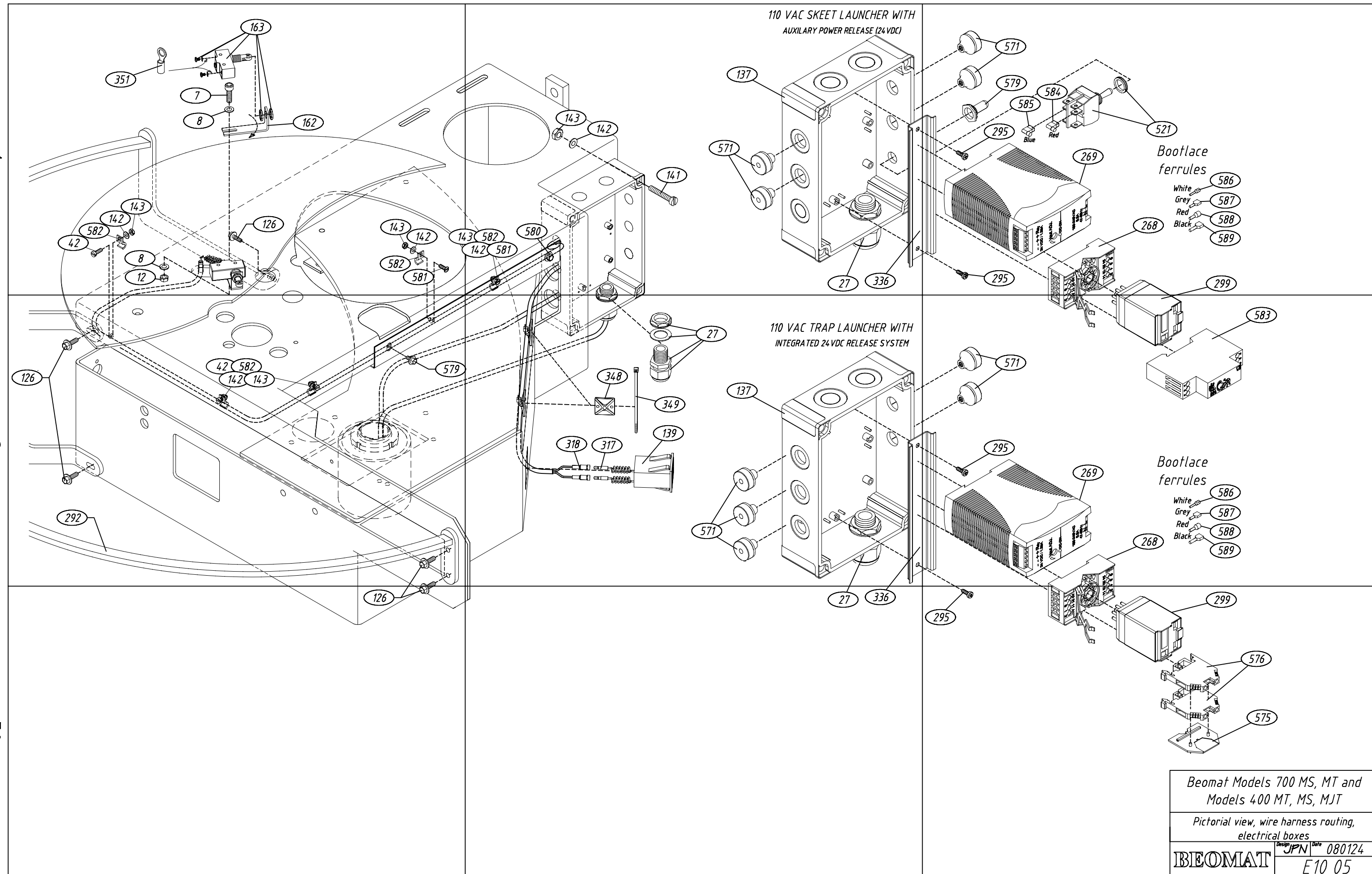
For Beomat MS, MT and MJT

BEOMAT	JPN	Date	061205
			E10 04

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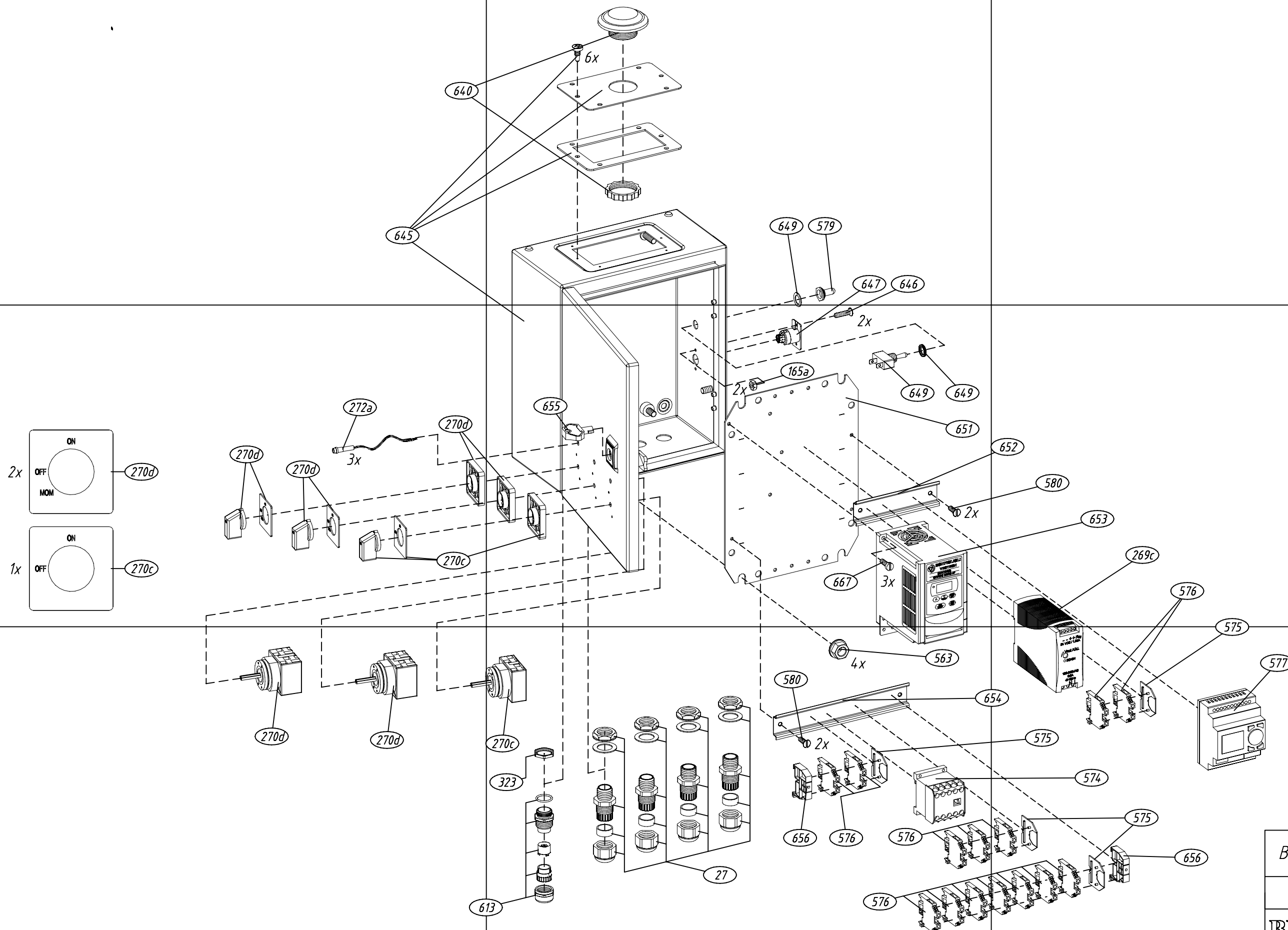
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A

B

C



Beomat Models 400 MT, MJT

Mainbox

BEOMAT	Design JPN	Date 061020
	E10 06	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
2	20011	Rod End, 12 IHS A	
6	50052	V-belt	
7	10061	Bolt Allen	
8	10071	Washer	
9	50082	Belt Pulley w/shaft	
10	10091	Bolt Hex	
11	20101	Pivot bearing	
12	10111	Nut	
13	70121	Connecting Rod, Vertical	
15	70141	Cover for trap dri	
20	70191	Interrupter box	
21	30172	Nut & Cable Bushing M16	
23	70221	Steel box for trap drive	
25	10241	Set screw	
26	20251	Bearing Ass.	
27	33212	Nut & Cable Bushing M20	
30	70291	Base Plate Trap	
31	50301	Worm Gear Ratio 64:1	
33	16263	Set screw w/ Tapp	
34	10881	Set screw	
35	37181	Clutch complete	
36	30351	Clutch Rotor	
37	10361	Bolt Allen	
38	30371	Stator, Clutch	
39	60381	Spacer 8x40x80	
40	60391	O-ring	
42	10411	Screw MCS	
43	30422	Cover for motor box	
44	30432	Seal Rubber	
45	50441	Motor LS80P 110V	
46	10451	Key	
47	50462	Belt Pulley	
48	10471	Set screw	
49	30481	Terminal Box	
50	70491	Spacer spr. tens 15mm	
51	70501	Spacer spr. tens 10mm	
52	70511	Plate Horizontal Gear	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
53	15012	Bolt Hex	
55	20541	Bearing Ass.	
56	10551	Bolt Hex	
57	70561	Spacer spr. tens 5mm	
58	70571	Spacer spr. tens 2mm	
59	10581	Washer	
61	10601	Nut	
70	15011	Bolt Hex	
71	10701	Washer	
72	10711	Nut	
73	70722	Base Plate Skeet	
74	10731	Turn buckle	
76	10751	Washer	
77	10761	Nut	
78	70772	Bracket	
79	70781	Turn Table	
80	1223A	Con rod hor. drive	
81	70801	Spring Bracket, upper	
82	40811	Load spring 4,0 mm	
83	70821	Spring bracket, lower	
84	10831	Nut	
85	10841	Bolt Allen	
86	10851	Bolt Allen	
88	50871	Worm Gear Ratio 90:1	
89	10891	Nut	
91	70901	Excenter, (Crank) Vert. motor	
92	10911	Grease Fitting	
93	10672	Screw MRT "Torx"	
94	30931	Cover for motor box	
95	30941	Rubber Seal for motor vertical	
96	56681	Motor LS71P 110 V w/ gear	
97	70962	Spacer, Vertical Drive	
98	10971	Key	
99	10981	Washer	
100	30991	Terminal box, Vertical motor	
103	27941	Bearing	
107	21061	Seal 50x80x8	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
109	71081	Spacer 10mm	
110	11091	Spacer Nut KM8	
111	71101	Cover, Belt	
112	71111	Chassis (Launcher)	
113	11121	Cone Washer (C13)	
115	1040	Spring tension handle bar	
117a	11161	Bolt Allen	
117b	18991	Bolt allen/spec/shoulder	
118	11171	Washer	
120	71171	Worm Gear Bracket	
121	73181	Stud for brake band	
122	19191	Circlip	
123	10091	Bolt Hex	
124	51231	Vent plug	
125	11241	Carrige Bolt	
126	11251	Bolt Self Tapping	
127	71261	Bracket, pivot	
128	54841	Worm Gear Ratio 45:1	
130	51291	V-belt	
132	51311	Belt Pulley	
133	31321	Screw plastic	
134	51331	Motor LS80PR 110 V	
135	31341	White cover el.box 50mm	
137	31365	Main El. box PCM 150/150	
139	31381	Counter, 24V DC	
141	11401	Screw MCS	
142	11411	Washer	
143	11421	Nut	
148	71471	Guide Rail 6x150mm	
149	71482	Launch table, 6mm	
153	11521	Washer	
154	11531	Bolt Hex	
155	61541	Brush, target nest brush	
157	11561	Bolt Allen	
159	71581	Elevator	
162	74652	Bracket, for Microswitch	
163	38131	Microswitch w/wheel	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
165a	11641	Nut M3	
169	11681	Bolt Allen	
170	41691	Spring, Elevator/Retainer	
172	51741	Chain Lock-Clip	
173	21721	Bushing	
174	1012	Receiver (Chain lock)	
175	51711	Chain Lock, (front end parallel arms).	
176	61751	Load Equalizer	
177	71761	Bracket Threaded	
178	71771	Bracket	
179	21781	Bearing	
180	11791	Bolt Hex	
181	11801	Bolt Hex	
182	71811	Parallel Arm Bracket	
183	1045	Parallel Arm Lower, incl. bushings	
184	1046	Parallel Arm upper, incl. bushings	
185	11861	Bolt Countersunk	
186	1039B	Launching Arm	
187	16651	Bolt Countersunk	
188	71871	Drive Member, (re-cocking)	
189	11881	Bolt Allen Gr 12.9	
190	11891	Bolt Allen	
191	71901	Flange/Shaft (magazine drive)	
192	51911	Belt Pulley	
193	21921	Bearing	
194	71931	Launching Arm Carrier	
195	71941	Cam	
196	11951	Bolt Allen	
198	71972	Bearing Plate	
199	21981	Clutch, One-Way (Sprague)	
201	10552	Bolt allen/spec/shoulder	
202	72011	Excenter, (Crank)	
203	12021	Tension Pin	
205	72042	Main Shaft	
206	72051	Spring Connector	
207	72061	Stud spring connector	
208	12071	Washer, Disc spring/belville washer	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
210	12091	Cover washer for sprague	
211	12101	Set screw (pin type M8x25mm)	
212	72111	Magazine, 900 Profile 820mm	
213	1013	Magazine Drive Member/Lock	
214	12131	Nut	
215	22141	Bearing	
216	12151	Threaded Rod	
217	72161	Tension Rod, for main spring	
218	12172	Washer	
219	72181	Eyelet LT16	
220	1033A	Main Spring, Yellow (40-60 meters)	
220	1033B	Main Spring, Blue (50-70 meters)	
220	1033C	Main Spring, Black (70+ meters)	
221	22201	Bushing	
222	22211	Bushing w/shoulder	
223	12221	Circlip	
224	1014	Magazine Drive Wheel	
225	72241	Shaft, Magazine	
226	12251	Bolt Allen	
229	72282	Guide finger	
230	72291	Magazine plate	
231	72301	Bracket, for Leaf Spring	
232	72311	Spring, Leaf	
233	72321	Magazine Structure	
234	72331	Magazine, 400 Profile 365mm	
235	72341	Magazine, 700 Profile 600mm	
236	62351	O-ring	
237	12361	Circlip	
238	12371	Washer	
239	62382	Targ.Ret.Wheel/w recess for cover	
240	72391	Spacer (6x10x10mm)	
241	72401	Pivot Arm	
243	12421	Tension Pin	
253	1236	Magazine, (400 target capacity)	
254	1136	Magazine, (700 target capacity)	
255	1031A	Launcher drive unit complete	
256	1228A	Drive unit compl.	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
259	62581	Fan cover large	
260	62591	Fan cover small	
261	62601	Fan large	
262	62611	Fan small	
263	22621	Pinion seal	
264	22631	Shaft Seal	
265	22641	Top cover seal	
267	38521	Capacitor, Run vert./horiz. mot	
268	32673	Relay Socket	
269c	32683	Power supply 85-240Vac	
270c	32691	Switch On-Off-mom. release	
270d	32694	Switch On-Off-mom. release	
272a	32711	Indicator light bulb	
274	32731	Circuit breaker 10 amp	
274	32732	Circuit breaker 12 amp	
274	32733	Circuit breaker 14 amp	
274	32741	Circuit breaker 3 amp	
274	32742	Circuit breaker 4 amp	
274	32743	Circuit breaker 5 amp	
274	32744	Circuit breaker 6 amp	
274	32745	Circuit breaker 7 amp	
274	32746	Circuit breaker 8 amp	
274	32747	Circuit breaker 9 amp	
291	1636	Magazine, (900 target capacity)	
292	72912	Safe guard	
293	12921	Screw for Cover Plate	
294	72931	Clutch access cover	
295	12951	Screw for botton box	
299	32981	Relay 110V AC	
317	33161	Terminal A1504HA Male	
318	33171	Terminal A1504HO Female	
319	78001	Target Seperating Knife	
320	11802	Bolt Hex	
321	11862	Screw countersunk	
323	33321	Nut for 613/ 33213	
325	13241	Bolt Hex	
327	14731	Screw for Brush Set	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
329	13211	Key	
332	13201	Circlip	
333	1009	U-bracket adj. compl.	
335	13221	Bolt Hex	
336	73351	Rail, no holes	
348	33471	Mount Self adhesive	
349	33482	Cable Strap	
351	33501	Terminal A1543R Circular pre-insulated terminal	
362	63271	Cover ret wheel	
506	15051	Screw countersunk	
521	80442	On/off switch, skeet	
540	10073	Washer	
541	76661	Nut Plate	
542	17211	Bolt Hex	
543	10402	Tension Pin	
544	79121	Nut Plate	
545	11663	Bolt Allen Gr. 10.9	
546	73561	Spacer	
547	17042	Splitpin	
548	73182	Stud for brake band	
549	80755	Table Support	
550	97892	Tape, doublecoated	
551	97893	Shock absorber	
552	14301	Threaded Rod	
553	60151	Cover Transparent	
554	51232	Drain Plug	
555	51233	Seal for plug	
556	33381	Skindich	
557	71151	Bracket	
558	71141	U-bracket adj.	
559	33641	Cable Clamp	
560	10683	Bolt Hex w/ flange	
561	14421	Set screw	
562	17231	Set screw	
563	10713	Nut	
564	15102	Bolt Hex w/ flange	
565	13971	Grip screw	

BEOMAT SWEDEN			2008-01-25
Item nr. list for			
BEOMAT Claytarget launcher MS, MT,MJT			
Ex.nr.	Item-nr.	Description	
566	38842	Blanking plug	
567	11422	Nut Bras	
568	62603	Connection link.	
569	62602	Terminal block	
570	13831	Bolt Hex	
571	32292	Cable Grommet	
572	13881	Bolt Self Tapping	
573	38193	End Stop	
574	38792	Contacor DILEM-10-G	
575	38202	End Plate	
576	33391	Screw term. WK4	
577	39169	Mini-PLC E512-DC-RC	
578	73351	PR.rail 35x7,3 no holes	
579	80441	Toggle switch cover	
580	13432	Bolt Self Tapping	
581	15051	Screw, Countersunk	
582	36852	Screw Clamp TK5-7	
583	80690	Time relay MER1	
584	32431	Terminal A1507FLB-8 Flag	
585	32432	Terminal A2507FLB-8 Flag	
586	39301	Bootlace ferrules A 0,75-8ET	
587	39302	Bootlace ferrules A 0,75-8ET2	
588	39311	Bootlace ferrules A 1,5-8ET	
589	39312	Bootlace ferrules A 1,5-8ET2	
613	33213	Cable Bushing M20 metal	
640	33331	Pressure compensation plug	
645	68801	Enclosure/ wallmount.	
646	17022	Screw countersunk	
647	33421	Chassi male 5-pole	
649	80443	Switch On-Off	
651	68802	Mounting plate	
652	73351	PR.rail 35x7,3 w/ holes L=127mm	
653	37802	Digital inverter	
654	73351	PR.rail 35x7,3 w/ holes L=200mm	
655	68803	Key to door	
667	16841	Screw	