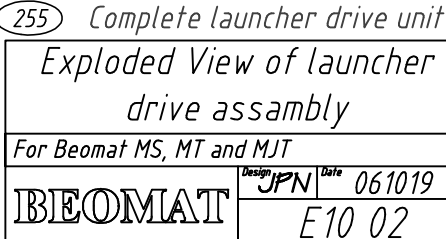


6



10

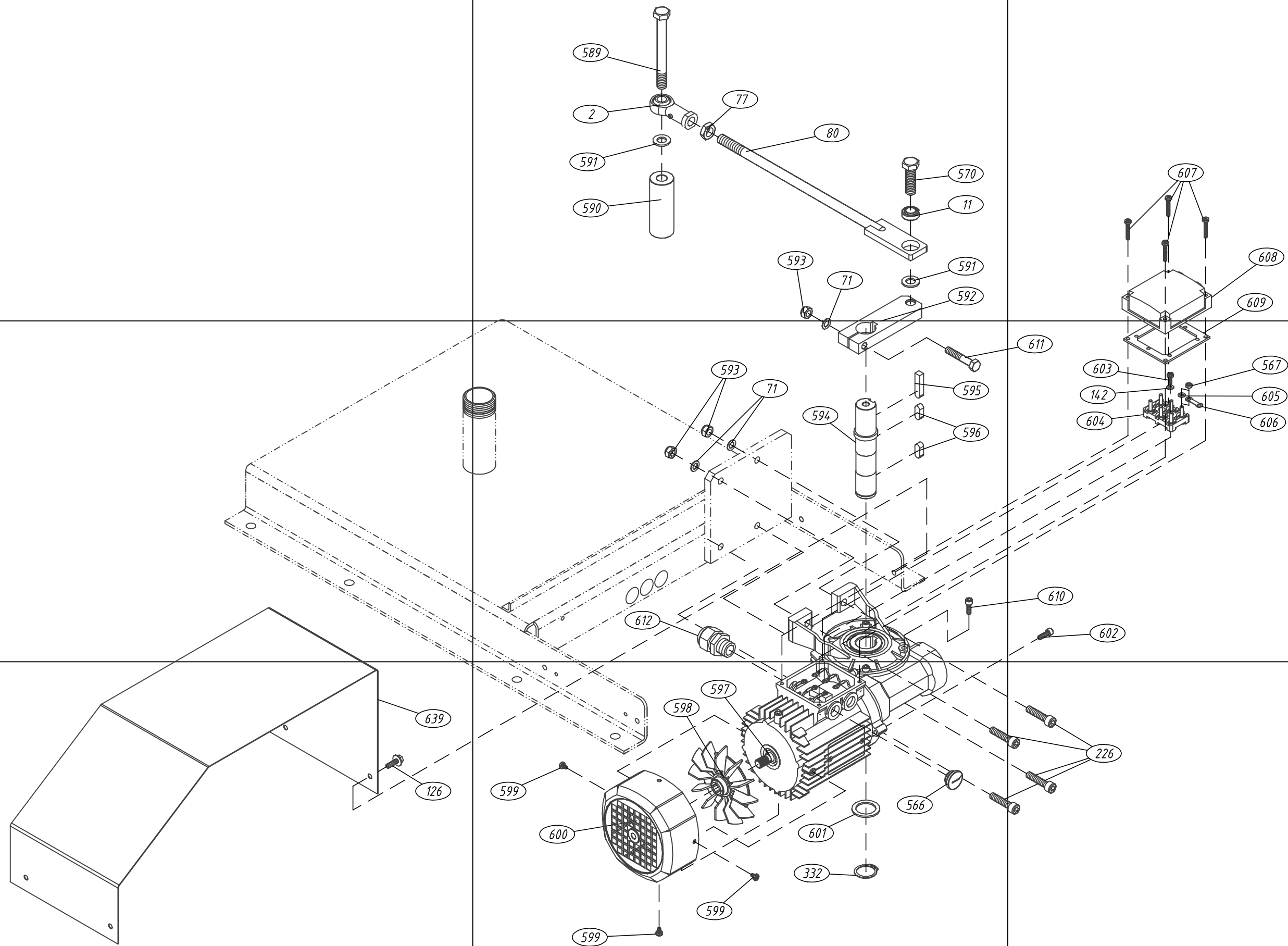
11

12

A

B

C



Exploded veiw of horizontal
drive subassembly

For Beomat MS, MT and MJT

BEOMAT	Design	JPN	Date	081113
	E10 04-1			

1

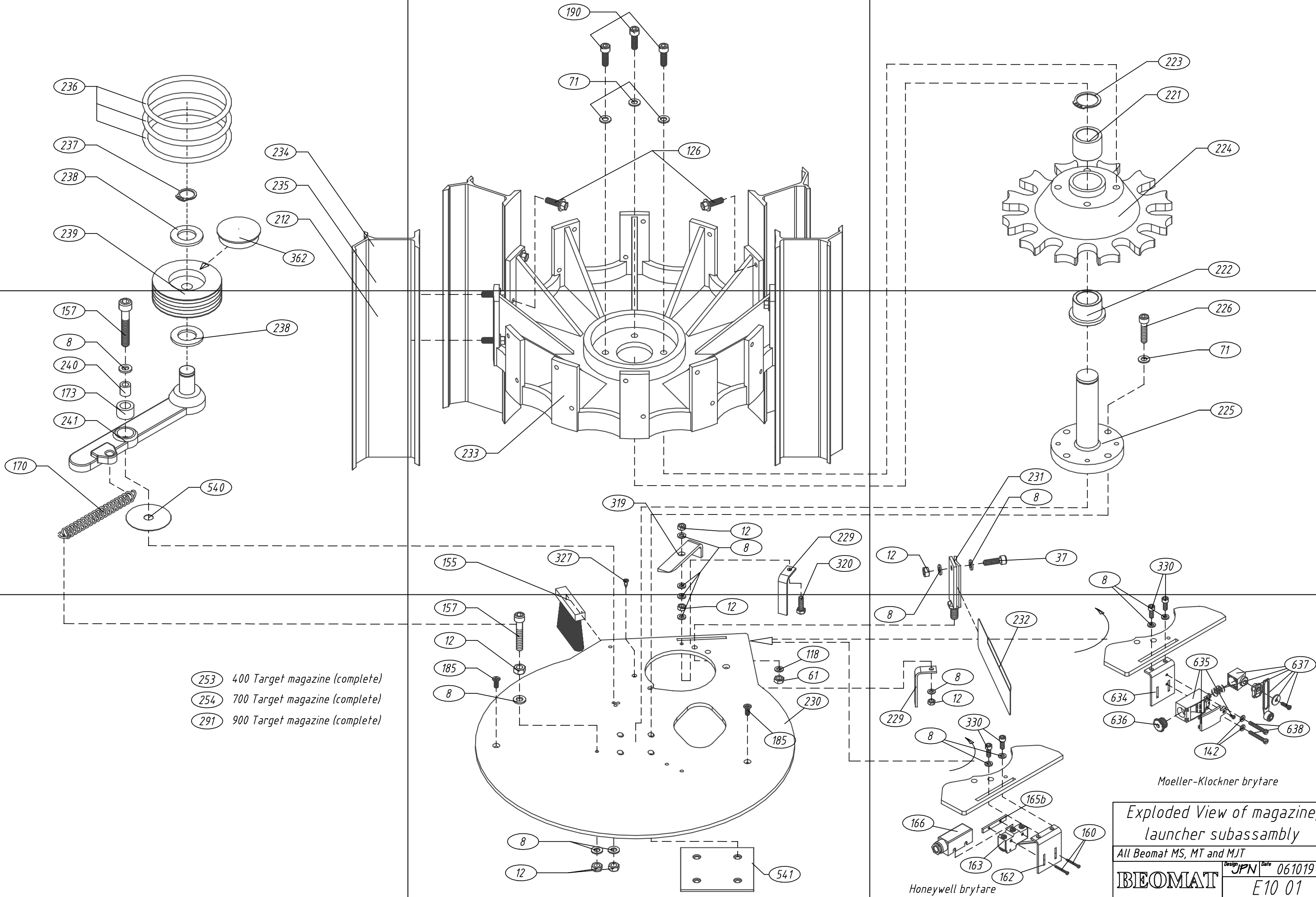
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3

A

B

C



13

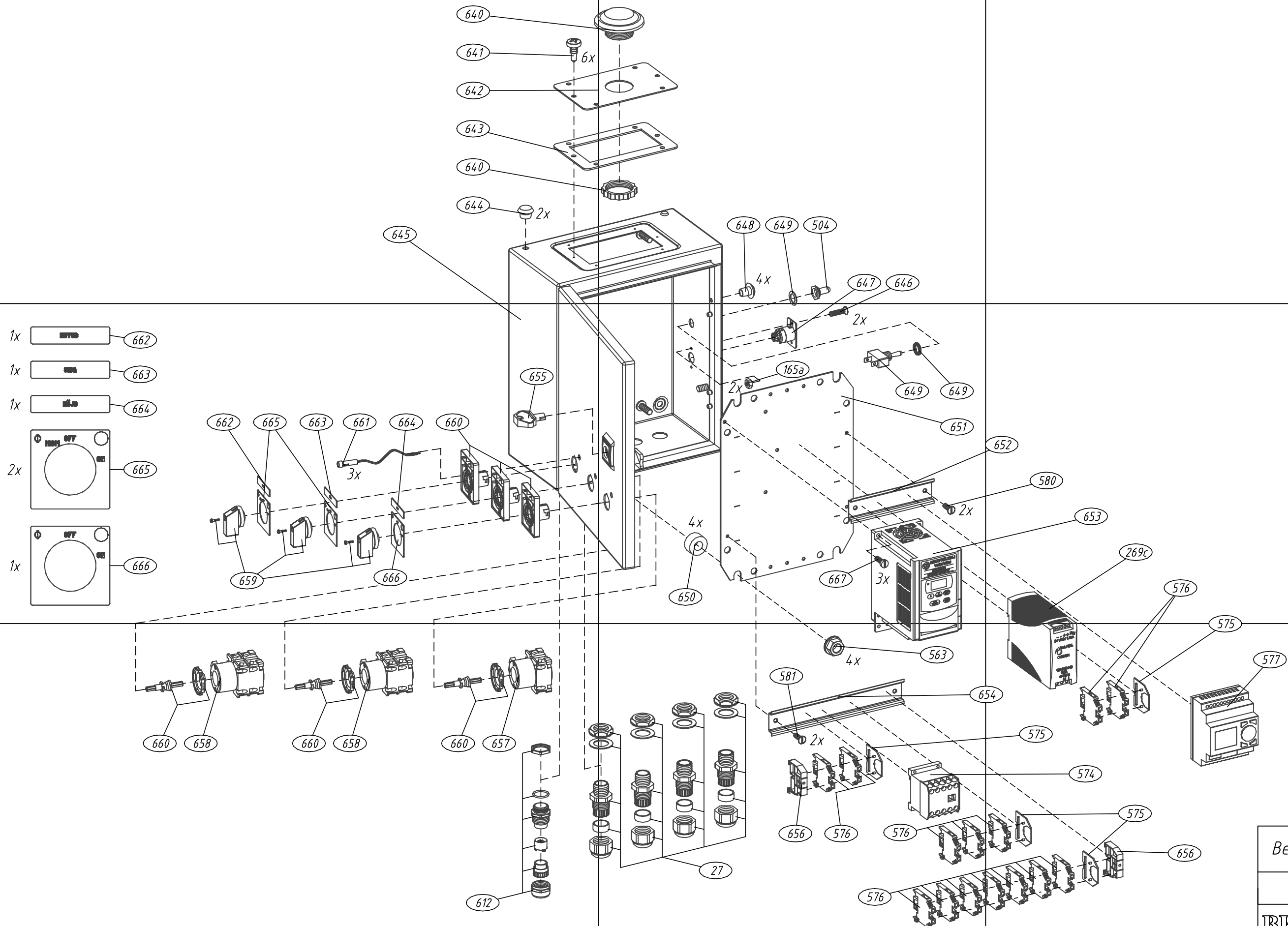
14

15

A

B

C



Beomat Models 400 MT, MJT

Mainbox

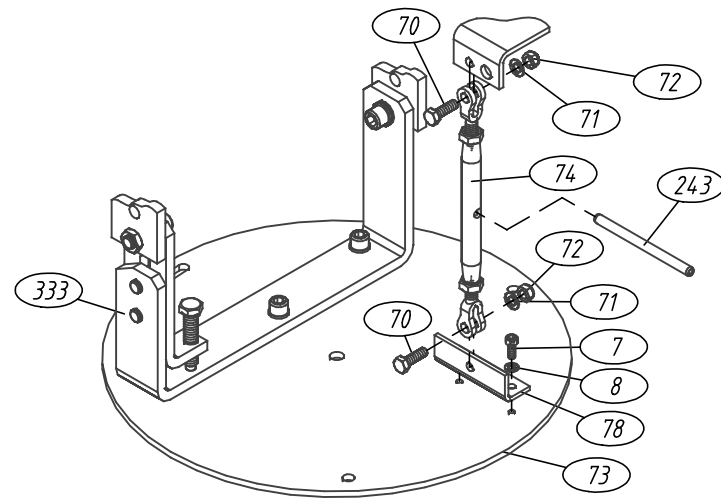
BEOMAT	Design	JPN	Date	081211
	E10 06			

7

8

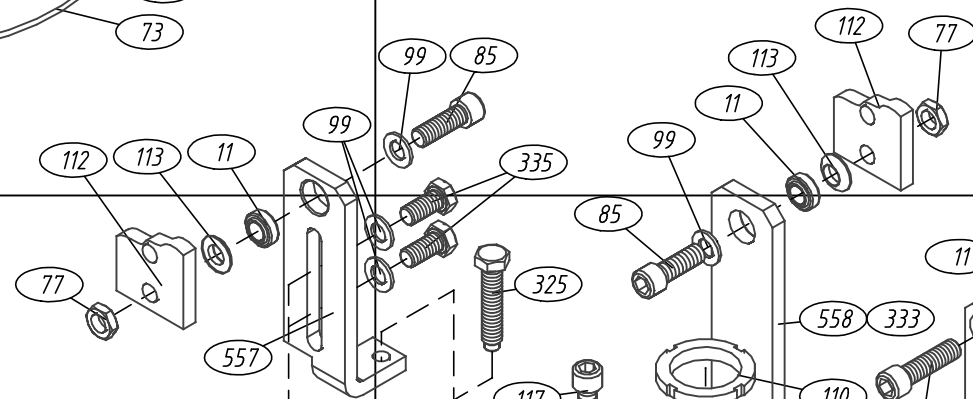
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A



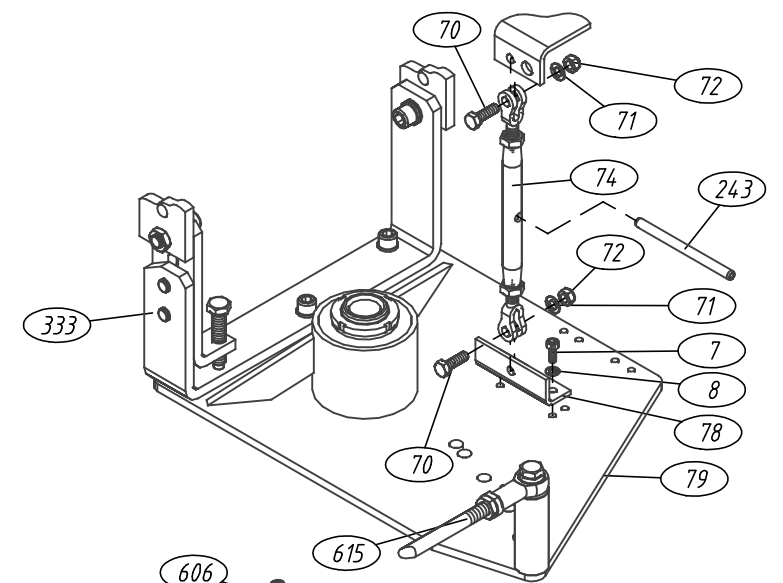
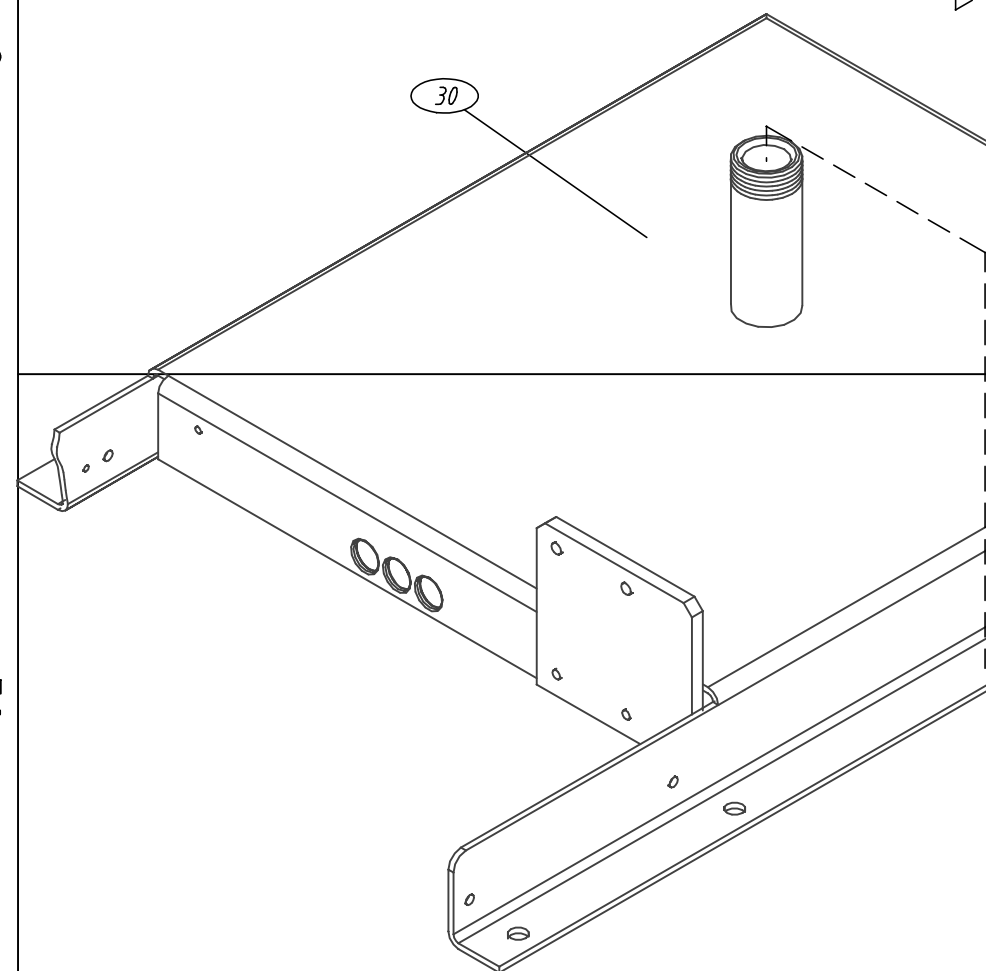
MS 400/ 700 base plate

B



MJT 400 horizontal/ vertical drive plate

C



13

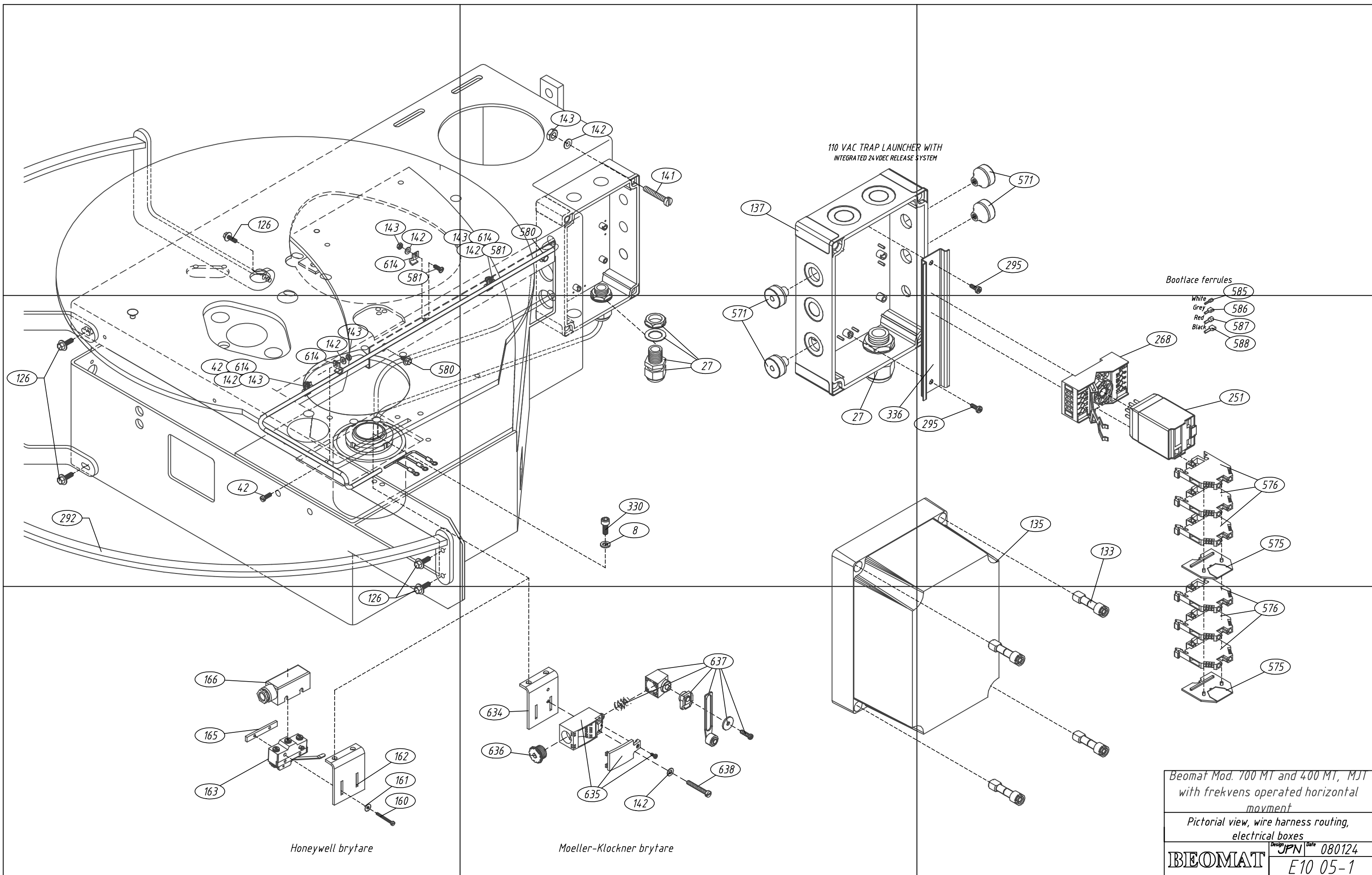
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15

A

B

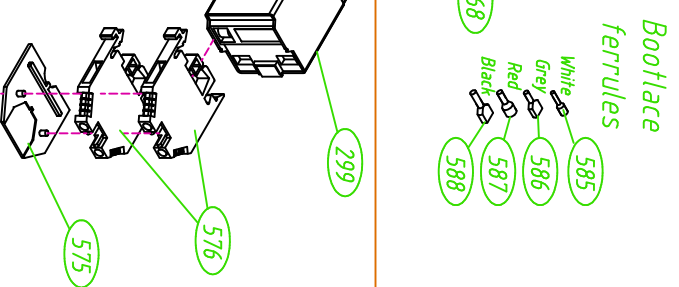
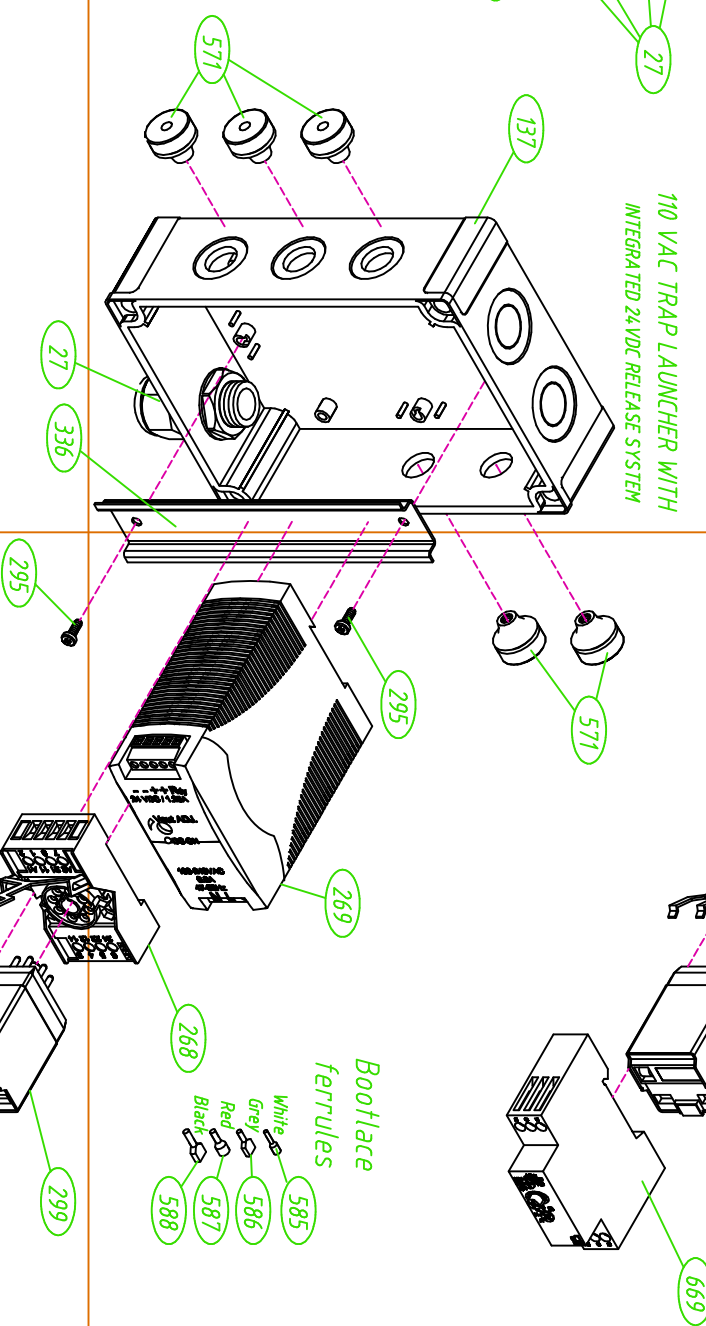
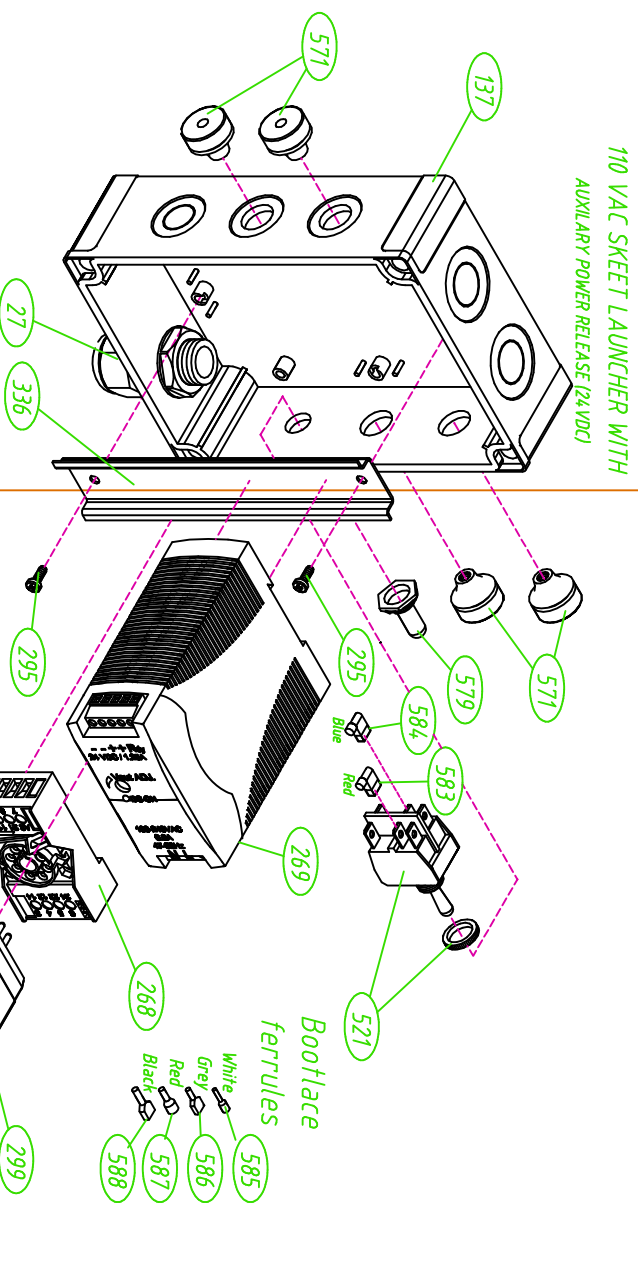
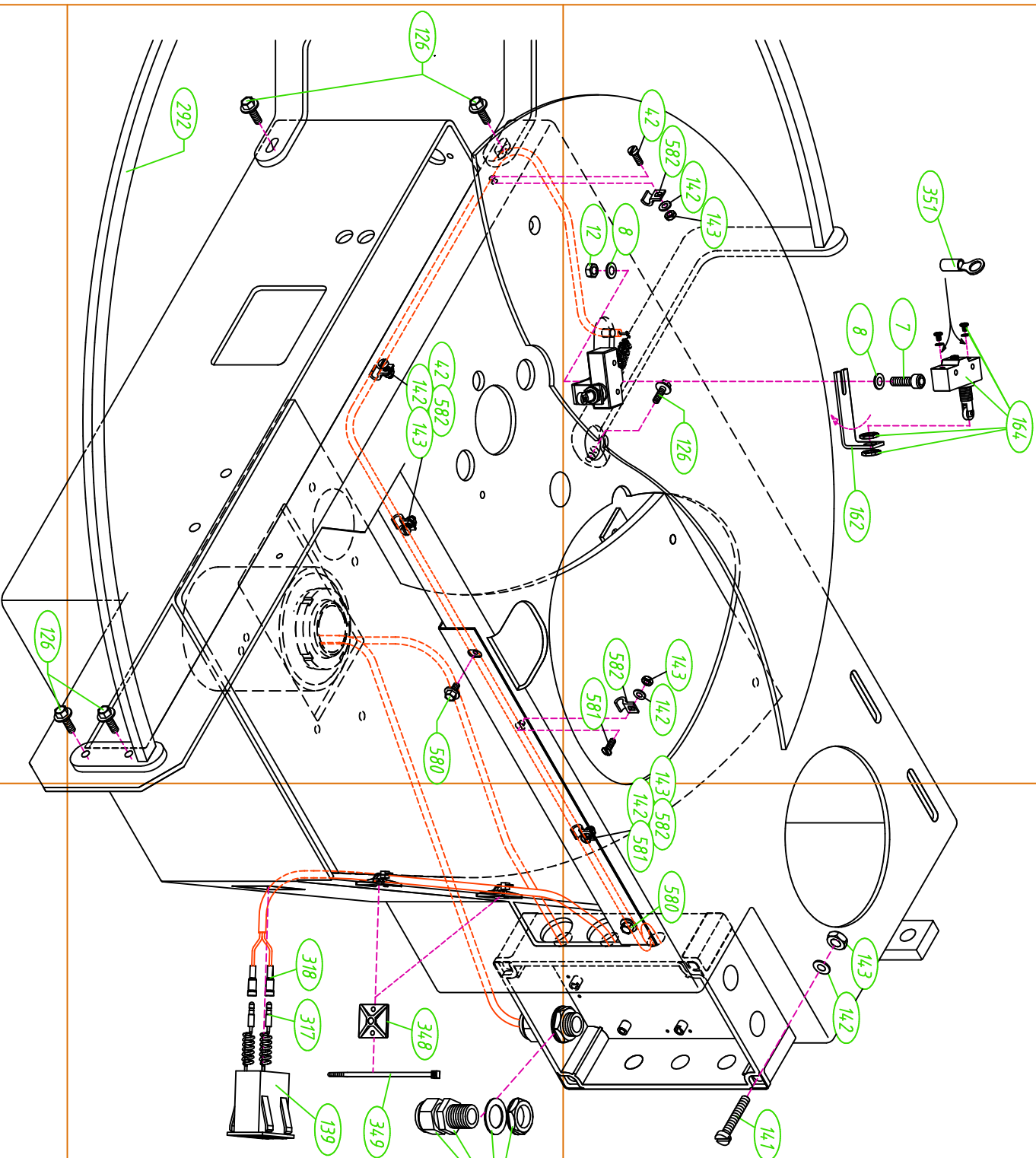
C



A

B

C



Beomat Models 700 MS, MT and
Models 400 MT, MS, MJT

Pictorial view, wire harness routing,
electrical boxes

BEOMAT

Design JPN Date 080124
E10 05

Beomat Illustrated Parts Listing		
View Number	Part Number	Description
2	B20011	Rod End 12 IHS A
6	B50052	Belt A36=914L
7	B10061	Bolt Allen
8	B10071	Washer
9	B50082	Belt Pulley w/shaft
10	B10091	Bolt Hex
11	B20101	Pivot bearing GE12C
12	B10111	Nut
13	B70121	Connecting Rod Vertical
15	B70141	Cover for horizontal box
20	B70191	Terminal box
21	B30172	Nut & Cable Bushing M16
23	B70221	Steel box for trap drive
25	B10241	Set screw
26	B20251	Bearing UCFL205 TR
27	B33212	Nut & Cable Bushing M20
30	B70291	Base Plate Trap
31	B50301	Worm Gear Ratio 64:1
33	B16263	Set screw w/ Ta
34	B10881	Set screw
35	B37181	Clutch complete
36	B30351	Clutch Rotor
37	B10361	Bolt Allen
38	B30371	Stator Clutch
39	B60381	Spacer 8x40x80
40	B60391	O-ring 69-.2x5.7 NBR for clutch
42	B10411	Screw MCS
43	B30422	Cover for motor box
44	B30432	Seal Rubber for 30422
45	B50441	Motor LS80P 11 5V /1200r pm
46	B10451	Key
47	B50462	Belt Pulley
48	B10471	Set screw
49	B30481	Terminal Box
50	B70491	Spring Spacer 15mm
51	B70501	Spring Spacer 10mm
52	B70511	Plate Horizontal Gear
53	B15012	Bolt Hex
55	B20541	Bearing UCFL205 TR
56	B10551	Bolt Hex
57	B70561	Spring Spacer 5mm
58	B70571	Spring Spacer 2mm
59	B10581	Washer
61	B10601	Nut
70	B15011	Bolt Hex
71	B10701	Washer
72	B10711	Nut

View Number	Part Number	Description
73	B70722	Base Plate Skeet
74	B10731	Turn buckle
76	B10751	Washer
77	B10761	Nut
78	B70772	Bracket
79	B70781	Turn Table
80	B01223A	Connecting rod horizontal drive
81	B70801	Spring Bracket upper
82	B40811	Load spring 4.0 mm
82	B40812	Load spring 4.5 mm
83	B70821	Spring bracket lower
84	B10831	Nut
85	B10841	Bolt Allen
86	B10851	Bolt Allen
88	B50871	Worm Gear Ratio 90:1 for LS71P
89	B10891	Nut
91	B70901	Pulley (vertical move)
91	B70903	Pulley (vertical move) new model!
92	B10911	Grease Fitting
93	B10672	Screw MRT "Torx"
94	B30931	Cover for motor box
95	B30941	Rubber Seal for 30931
96	B56681	Motor LS71 P 110 V w/ gear
97	B70962	Spacer Vertical Drive
98	B10971	Key
99	B10981	Washer
100	B30991	Terminal box Vertical motor
103	B27941	Bearing 30208 IBS
107	B21061	Seal 50x80x8
109	B71081	Spacer 10mm
110	B11091	Spacer Nut KM8
111	B71101	Cover Belt
112	B71111	Chassis
113	B11121	Cone Washer (C13)
115	B1040	Spring tension handle bar
117A	B11161	Bolt alien
117B	B18991	Bolt allen/spec/shoulder
118	B11171	Washer
120	B71191	Worm Gear Bracket
121	B73181	Stud /pivot for brake band
122	B13191	Circlip
123	B10091	Bolt Hex
124	B51231	Vent plug
125	B11241	Ca rrige Bolt
126	B11251	Bolt Self Tapping
127	B71261	Bracket pivot
128	B51272	Worm Gear Ratio 40:1
130	B51291	V-belt
132	B51311	Belt Pulley
133	B31321	Screw plastic to MI box
133	B31322	Screw plastic to PCM box
134	B51408	Motor 0.55Kw 115V Busck - main
135	B31345	Box Cover - PCM 100mm

View Number	Part Number	Description
137	B31365	Main Electrical box PCM 150/150
139	B31381	Counter 24V DC
141	B11401	Screw MCS
142	B11411	Washer
143	B11421	Nut
148	B71471	Guide Rail 6x150mm
149	B71482	Launch table 6mm
153	B11521	Washer
154	B11532	Bolt Hex
155	B61541	Brush target nest brush
157	B11561	Bolt Allen
159	B71581	Elevator
160	B11591	Screw
161	B11601	Washer
162	B71612	Bracket for Microswitch
163	B31621	Microswitch BZ-2RW
164	B38131	Microswitch with wheel
165A	B11641	Nut
165B	B76861	Nut plate
166	B31651	Micro switch housing
167	B11661	Bolt Allen
169	B11681	Bolt Allen
170	B41691	Spring Elevator/Retainer
172	B51741	Chain Lock-Clip
173	B21721	Bushing
174	B1012	Receiver (Chain lock)
175	B51711	Chain Lock (front end parallel arms)
176	B61751	Load Equalizer
177	B71761	Bracket (Threaded)
178	B71771	Bracket
179	B21781	Bearing 6000 2RS
180	B11791	Bolt Hex
181	B11801	Bolt Hex
182	B71811	Parallel Arm Bracket
183	B1045	Parallel Arm incl. Bushings (lower)
184	B1046	Parallel Arm incl. Bushings (upper)
185	B11861	Bolt Countersunk
186	B01039B	Launching Arm
187	B16651	Bolt Countersunk
188	B71871	Drive Member (re-cocking)
189	B11881	Bolt Allen Gr 12.9
190	B11891	Bolt Allen
191	B71901	Flange/Shaft (magazine drive)
192	B51911	Belt Pulley
193	B21921	Bearing 6005 2RS
194	B71931	Launching Arm Carrier
195	B71941	Cam
196	B11951	Bolt Allen

View Number	Part Number	Description
197	B1006	Brake band
198	B71972	Bearing Plate
199	B21981	Clutch One-Way S ra ue
200	B10552	Bolt allenls ec/shoulder
201	B10552	Bolt allenls ec/shoulder
202	B72011	Excenter (Crank)
203	B12021	Tension Pin
205	B72042	Main Shaft
206	B72051	Spring Connector
207	B72061	Stud spring connector
208	B12071	Washer Disc s rin lbelville washer
210	B12091	Cover washer for s ra ue
211	B12101	Set screw (pin type M8x25mm)
212	B72111	<u>Magazine 900 Profile 820mm</u>
213	B1013	Magazine Drive Member/Lock complete
214	B12131	Nut
215	B22141	Bearing 6002 RSSNH
216	B12151	Threaded Rod
217	B72161	Tension Rod for main spring
218	B12172	Washer
219	B72181	Eyelet LT16
220	B01033A	Main Spring Yellow (40-60 meters)
220	B01033B	Main Spring Blue (50-70 meters)
220	B01033C	Main Spring Black (70+ meters)
221	B22201	Bushing
222	B22211	Bushing w/shoulder
223	B12221	Lockclip
224	B1014	Magazine Drive Wheel complete
225	B72241	Shaft Magazine
226	B12251	Bolt Allen
229	B72282	Guide finger
230	B72291	Magazine plate
231	B72301	Bracket for Leaf Spring
232	B72311	Spring Leaf
233	B72321	Magazine Structure
234	B72331	Magazine 400 Profile 365mm
235	B72341	Magazine 700 Profile 600mm
236	B62351	O-ring 85.0x5.0 EPDM for target wheel
237	B12361	Lockclip
238	B12371	Washer
239	B62382	Target Ret Wheel w/ recess for cover
240	B72391	Spacer (6x10x10mm)
241	B72401	Pivot Arm
243	B12421	Tension Pin 6x80mm
243	B12422	Tension Pin 8x80mm
251	B32501	Relay 24V DC 2-pole 8-pin
253	B1236	Magazine (400 target capacity)
254	B1136	Magazine (700 target capacity)

View Number	Part Number	Description
255	B01031A	Launcher drive unit complete
256	B01228A	Drive unit complete
259	B62581	Fan cover large
260	B62591	Fan cover small
261	B62601	Fan large
262	B62611	Fan small
263	B22621	Pinion seal
264	B22631	Shaft Seal
265	B22641	Top cover seal
267	B38521	Capacitor run vertical motor
268	B32673	Relay Socket 8-pin S2B
269	B80680	Power su 185-240Vac
274	B32731	Circuit breaker 10 amp
274	B32732	Circuit breaker 12 amp
274	B32733	Circuit breaker 14 amp
274	B32741	Circuit breaker 3 amp
274	B32742	Circuit breaker 4 amp
274	B32743	Circuit breaker 5 amp
274	B32744	Circuit breaker 6 amp
274	B32745	Circuit breaker 7 amp
274	B32746	Circuit breaker 8 amp
274	B32747	Circuit breaker 9 amp
291	B1636	Magazine (900 target capacity)
292	B72912	Safeguard
293	B12921	Screw for Cover Plate
294	B72931	Cover for Clutch access
295	B12951	Screw for botton box
299	B32981	Relay115VAC 8- in
317	B33161	Terminal A1504HA Male
318	B33171	Terminal A1504HO Female
319	B78001	Target Seperating Knife
320	B11802	Bolt Hex
321	B11862	Screw countersunk
325	B13241	Bolt Hex
327	B14731	Screw for Brush Set
329	B13211	Key
330	B14711	Bolt Allen
332	B13201	Lockclip
333	B1009	U-bracket adjustment - complete
335	B13221	Bolt Hex
336	B73351	Rail no holes
348	B33471	Mount Self adhesive
349	B33482	Cable Strap
351	B33501	Terminal A1543R Circular pre-insulated term
362	B63271	Cover ret wheel
504	B80441	Protective cap
506	B15051	Screw countersunk
521	B80442	On/off/mom switch skeet

View Number	Part Number	Description
540	B10073	Washer
541	B76661	Nut Plate
542	B17211	Bolt Hex
543	B10402	Tension Pin
544	B79121	Nut Plate
545	B11663	Bolt Allen Gr. 10.9
546	B73561	Spacer
547	B17042	Splitpin
548	B73182	Stud for brake band
549	B80755	Table Support
550	B97892	Tape doublecoated
551	B97893	Shock absorber
552	B14301	Threaded Rod
553	B60151	Cover Transparent
554	B51232	Drain Plug
555	B51233	Seal for lu
556	B33381	Skindich
557	B71151	Bracket for U-bracket
558	B71141	U-bracket adjustment
559	B33641	Cable Clamp
560	B10683	Bolt Hex wl flange
561	B14421	Set screw
562	B17231	Set screw
563	B10713	Nut wlflan e
564	B15102	Bolt Hex wl flan a
565	B13971	Grip screw
566	B38842	Blanking plug
567	B11422	Nut Bras
568	B62603	Connection link
569	B62602	Terminal block
570	B13831	Bolt Hex
571	B32292	Cable Grommet
572	B13881	Bolt Self Tapping
573	B38193	End Stop
574	B38792	Contacor DILEM-10-G
575	B38202	End Plate
576	B33391	Screw terminal WK4
577	B39169	Mini-PLC Easy 512-DC-RC
578	B73351	PR.rail 35x7.3 no holes (Cut to mm)
579	B80441	Protective cap
580	B13432	Bolt Self Tapping
581	B15051	Screw. Countersunk
582	B36852	Screw Clamp TK5-7
583	B32431	Terminal A1507FLB-8 Flag
584	B32432	Terminal A2507FLB-8 Flag
585	B39301	Bootlace ferrules A 0.75-8ET
586	B39302	Bootlace ferrules A 0.75-8ET2
587	B39311	Bootlace ferrules A 1.5-8ET
588	B39312	Bootlace ferrules A 1.5-8ET2
589	B13242	Bolt Hex
590	B79992	Spacer /tube
591	B13231	Washer
592	B79993	Excenter (Crank) horizontal motor

View Number	Part Number	Description
593	B11221	Nut
594	B50445	Shaft
595	B10971	Keylon Bonf
596	B10972	Key short Bonf
597	B50444	Motor and gear Bonf. 380V Horizontal
598	B50446	Fan Bonf
599	B15101	Screw
600	B50447	Fan cover Bonf
601	B15401	Washer
602	B10060	Bolt Allen
603	B13451	Screw
604	B50448	Terminal block
605	B11412	Washer brass
606	B50449	Connection link
607	B11401	Screw
608	B50450	Cover for 50444
609	B50451	Rubber Seal for motor horizontal Bonf.
610	B10061	Bolt Allen
611	B16971	Bolt Hex
612	B33213	Cable Bushing M20 metal
613	B74652	Bracket for Microswitch
614	B36851	Screw Clamp TK7-10
615	B01223B	Con rod horizontal drive EU
616	B50872	Worm ear Bonfiglioli
617	B13161	Lockclip
618	B56684	Motor and ear Bonf. 115V vert.
619	B50450	Cover for 56683
620	B56685	Rubber seal for 56683
621	B56686	Mounting clamp
622	B38522	Capacitor vert
623	B56687	Bracket
624	B56688	Fan for 56683
625	B56689	Fan cover for 56683
626	B11675	Threaded Rod
627	B10112	Nut low
628	B13972	Win nut
629	B16142	Key
630	B16140	Key
631	B13262	Washer for 59782
632	B59782	Shaft
633	B18111	Screw
634	B71613	Bracket for Microswitch
635	B80230	Microswitch
636	B80231	Cable Bushing
637	B80232	Pivot Arm w/ wheel
638	B10921	Screw MCS
639	B79995	Cover
640	B33331	Pressure compensation plu

View Number	Part Number	Description
641	B33321	Bolt Self Tapping
642	B68804	Cover for 68801
643	B68805	Seal for 68801
644	B68806	Cover plu
645	B68801	Wallmounted enclosure
646	B17022	Screw Countersunk
647	B33421	PLUG. XLR. PANEL. 5POLE
648	B68807	Cover plu
649	B80443	Switch on/off
650	B68807	Spacer
651	B68802	Mounting plate
652	B73351	DIN-Rail 127mm
653	B37802	Frequency Inverter
654	B73351	DIN-Rail 200mm
655	B68803	Keyfor 68801
656	B38192	End holder
657	B32696	Switch on/off -vertical
658	B32695	Switch on/off/mom -main
658	B32697	Switch on/off/mom -horizontal
659	B38801	Turning handle for 32696132695132697
660	B38802	Front late for 32696/ 32695/32697
661	B35181	Lam for 32696132695132697
662	B38803	Name plate "Main"
663	B38804	Name plate "Vert."
664	B38805	Name plate "Horiz."
665	B38806	Name plate "Mom/Off/On"
666	B38807	Name plate "Off/On"
667	B16841	Screw
668	B18101	Screw Countersunk
669	B80690	Time relay 1-pole MER1