

JUNE 1988

NUMERICAL CONTROL TURRET PUNCH PRESS PEGA-306072(W) PARTS LIST

74163774
152[∞]

LAPIS SERVICES INC
(219)-464-9131

ORDERING INSTRUCTIONS

When ordering parts, specify Machine Model, Serial No., Unit No., Index No., Parts No., Parts Name, Drawing No., or Type and Quantity.

Machine Model: PEGA-367 (W)

Serial No.: 03670013

Unit No.

Index No.

Parts No.

Parts Name

Drawing No. or Type

Q'ty

01
04

24
216

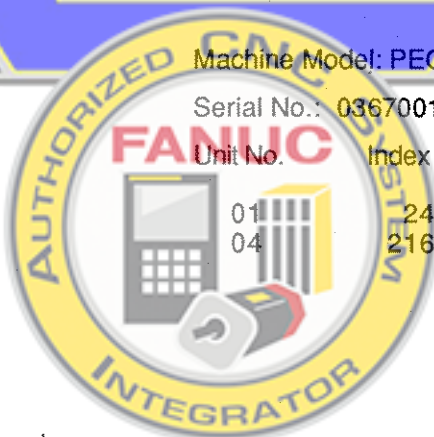
74300306
74305217

Door (F)
Snap ring

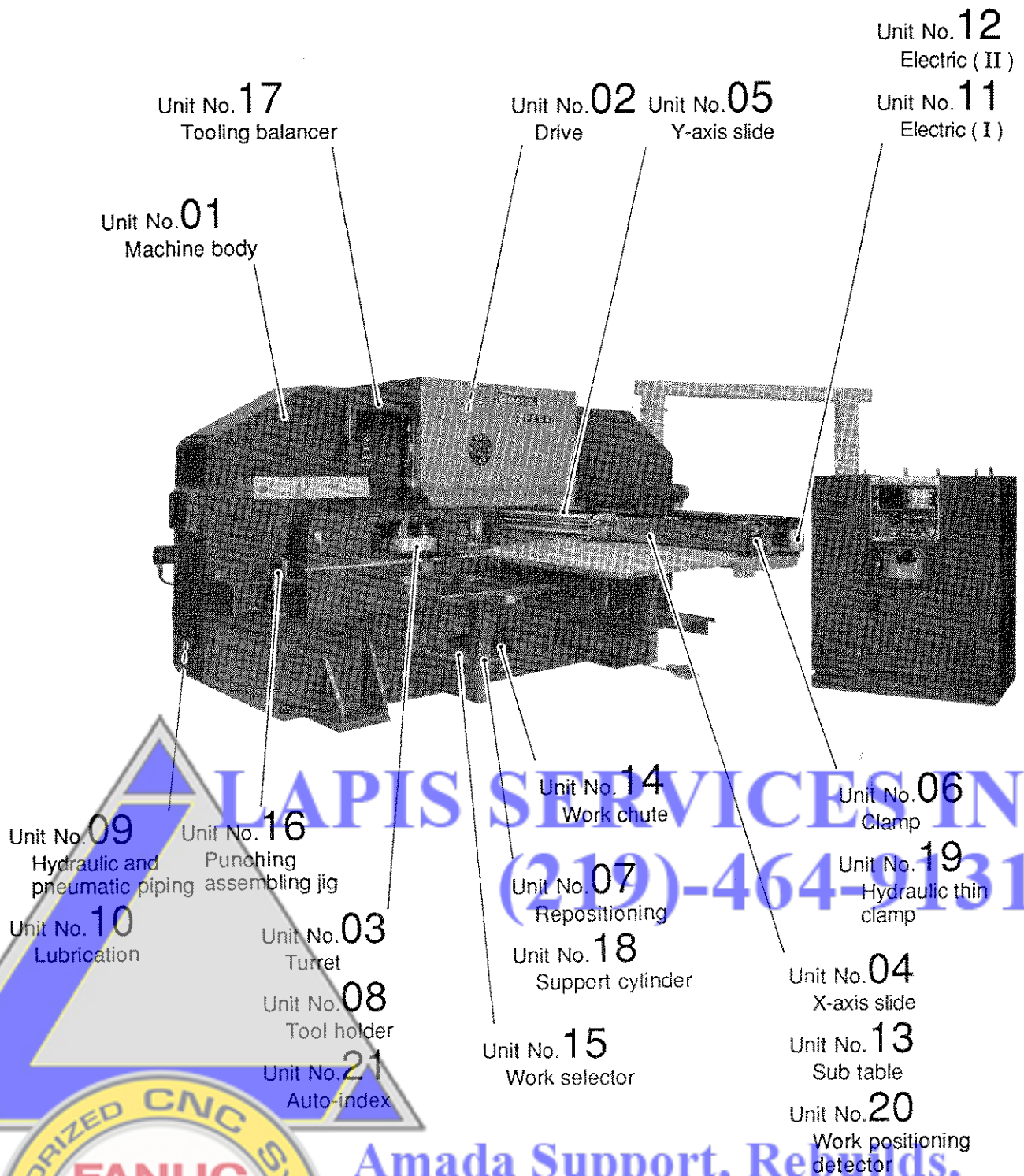
810726b
RTW-40

1
4

Amada Support, Rebuilds,
Sales and Fanuc Control Upgrade



CONTENTS



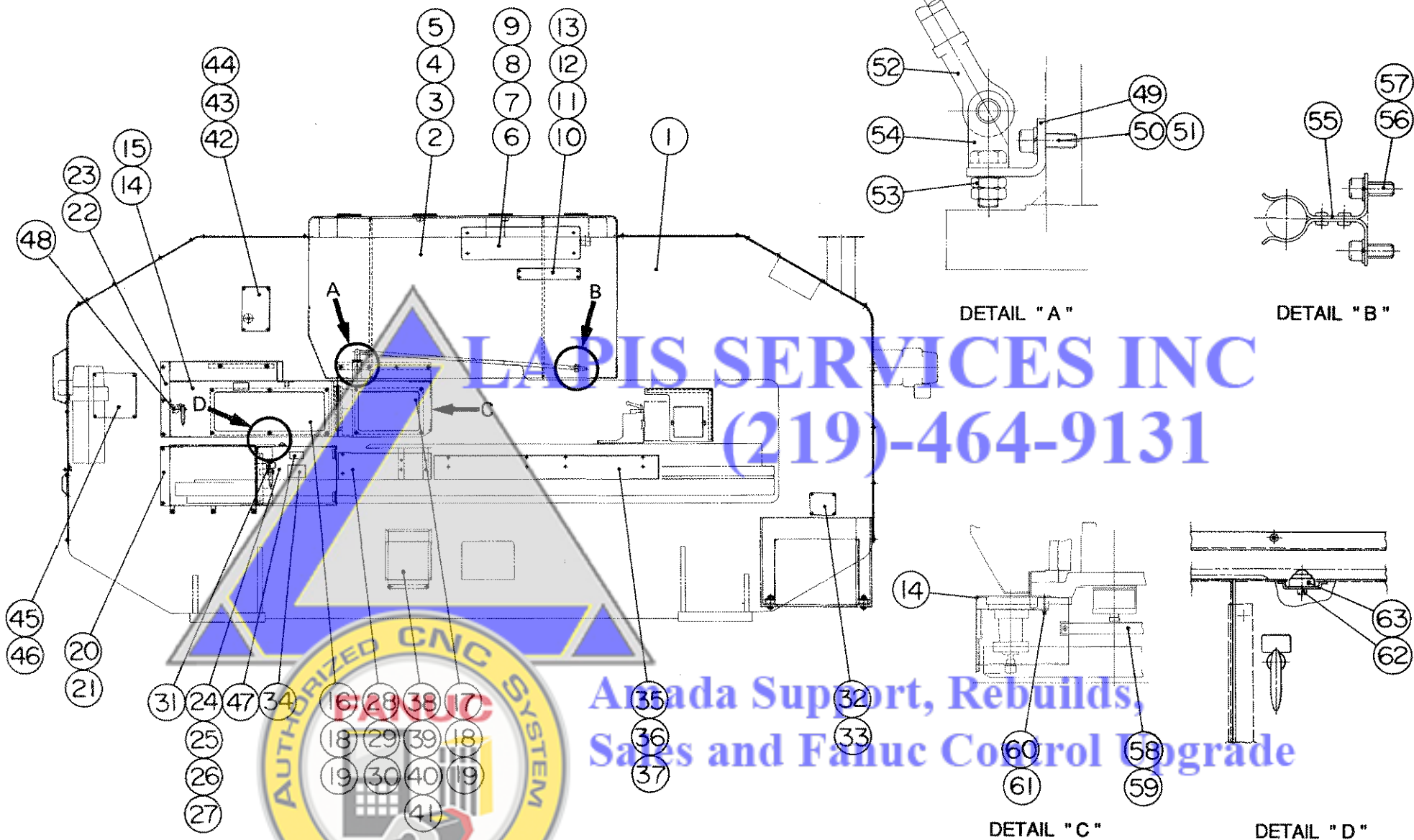
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**Amada Support, Rebids,
Sales and Fanuc Control Upgrade**



Unit No.01
Machine body

From serial No.03670013 and after.



Canada Support, Rebuilds,
Sales and Fanuc Control Upgrade

Unit No. **01**
Machine body

From serial No.03670013 and after.

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
1	74300413	Frame	6510105	1	
2	74300138	Front cover	810873a	1	
3	74300626	Button head machine screw	M8 x 20 (unbrako)	5	
4	74300511	Washer	M8	5	
5	74300811	Packing	285114-1.35 m	1	
6	74300101	Amada plate	400506	1	
7	74300708	Pan head machine screw	M6 x 16	4	
8	74300527	Toothed lock washer	M6	4	
9	74300503 (10310352)	Nut	M6	4	
10	74300115	Model plate	810558	1	
11	74300706 (10371857)	Pan head machine screw	M5 x 16	4	
12	74300526	Toothed lock washer	M5	4	
13	74300502 (13239613)	Nut	M5	4	
14	74300235	Front turret cover	818211	1	
15	74300702	Truss head machine screw	M8 x 16	4	
16	74300204	Plate (large)	810604	1	
17	74300205 (74159084)	Plate (small)	810605	1	
18	74300701	Truss head machine screw	M6 x 12	10	
19	74300503 (10320352)	Nut	M6	10	
20	74300236	Front turret cover (lower)	818213	1	
21	74300702	Truss head machine screw	M8 x 16	6	
22	74300226	Corner cover	6012732a	1	
23	74300702	Truss head machine screw	M8 x 16	6	
24	74300306	Door (F)	810726b	1	
25	74300606 (44235241)	Cap screw	M8 x 20	4	
26	74300518 (10001521)	Spring washer	M8	4	
27	74300511	Washer	M8	4	
28	74300304	Cover (F)	6013095	1	
29	74300702	Truss head machine screw	M8 x 16	2	
30	74300701	Truss head machine screw	M6 x 12	2	
31	74300124	Sticker (open)	811864	2	
32	74300429	Serial plate	820825d	1	
33	74300719	Drive screw rivet	Φ6 x 12	4	
34	74300121	Sticker (caution)	810618a	1	
35	74300118	Table cover	6012721	2	
36	74300708	Pan head machine screw	M6 x 16	16	
37	74300527	Toothed lock washer	M6	16	
38	74300426	Sheet (A)	820594b	1	
39	74300729	Rubber sheet	220 x 500 x 2 ^t	1	
40	74300708	Pan head machine screw	M6 x 16	2	

Unit No. **01**
Machine body

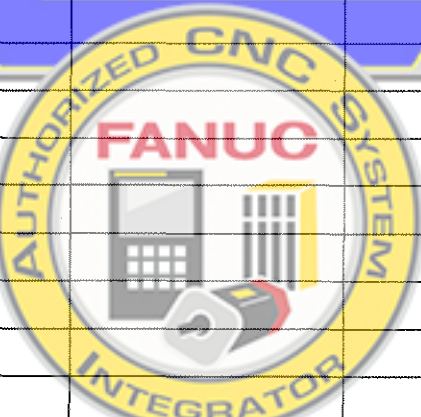
From serial No.03670013 and after.

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
41	74300517 (44027928)	Spring washer	M6	2	
42	74300305	Cover	800702	1	
43	74300715 (52112904)	Round head machine screw	M6 x 12	4	
44	74300527	Toothed lock washer	M6	4	
45	74300125	Legend plate (warning)	820843	1	
46	74300719	Drive screw rivet	Φ6 x 12	4	
47	74300405	Sticker	AS-K1005	1	
48	74300126	Sticker	820853	1	
49	74300113	Stay bracket	810557	2	
50	74300609 (38124012)	Cap screw	M10 x 25	4	
51	74300519 (10001520)	Spring washer	M10	4	
52	74300201	Stay	810597	2	
53	74300506 (21220953)	Nut	M14 (type 3)	4	
54	74300801	Connecting end	RBC-14CB	2	
55	74300423	Stay catch	820564b	2	
56	74300604	Cap screw	M6 x 15	4	
57	74300517 (44027928)	Spring washer	M6	4	
58	74300229	Connecting plate	810723a	1	
59	74300702	Truss head machine screw	M8 x 16	2	
60	74300619	Bolt (all thread)	M8 x 70	1	
61	74300518 (10001517)	Nut	M8	1	
62	74304934 (74161611)	Free stroke bearing	C-8Y-A	1	
63	74300605 (36329937)	Cap screw	M8 x 10	2	

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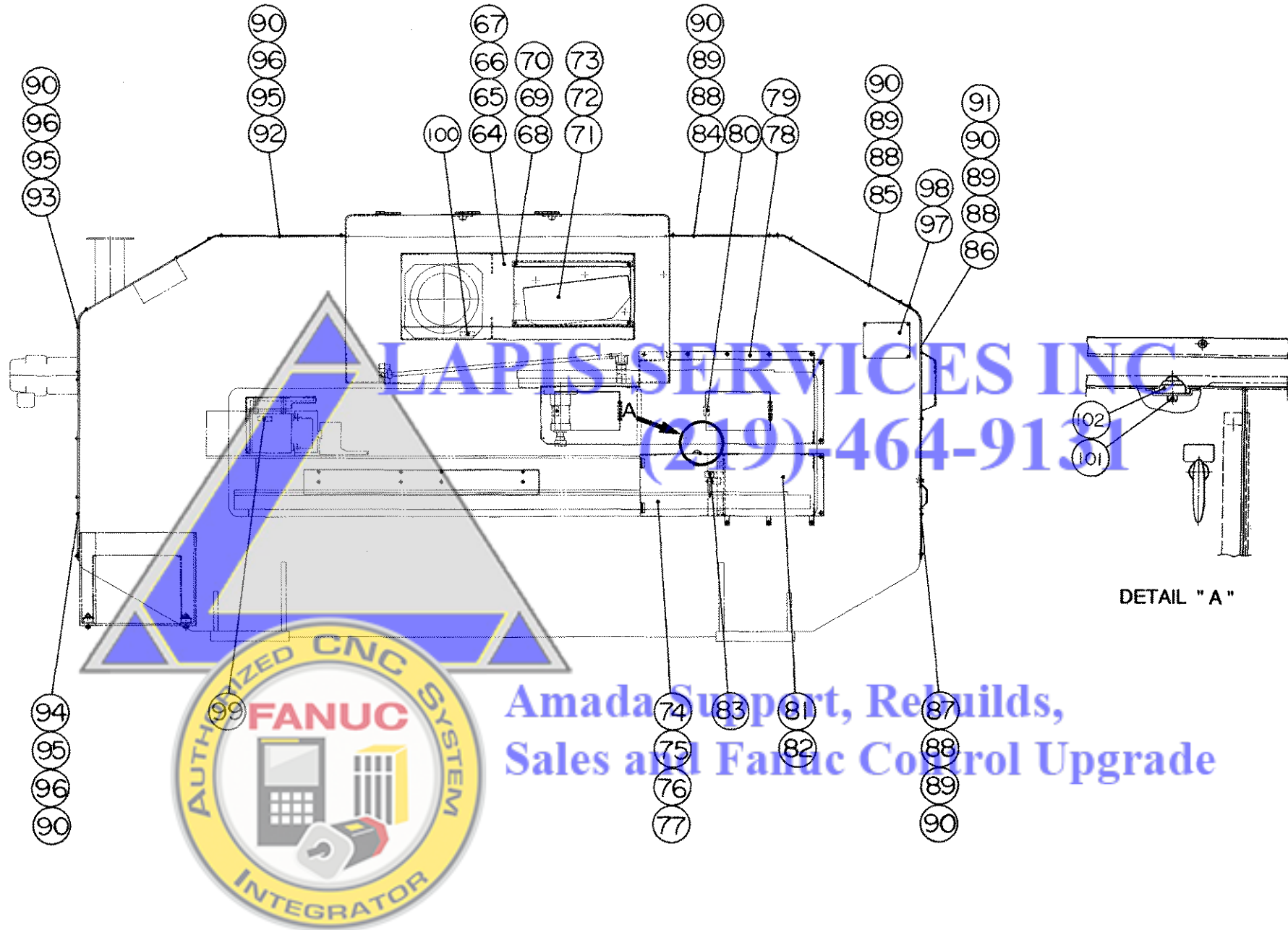
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Unit No.01
Machine body

From serial No.03670013 and after.



Unit No. 01

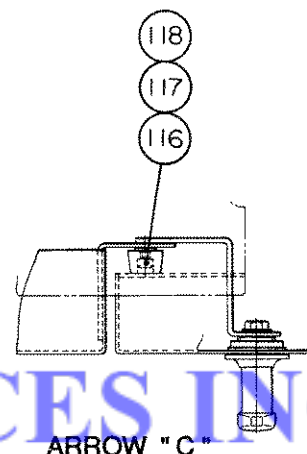
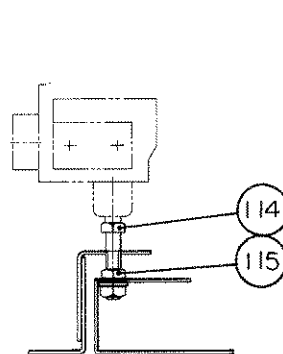
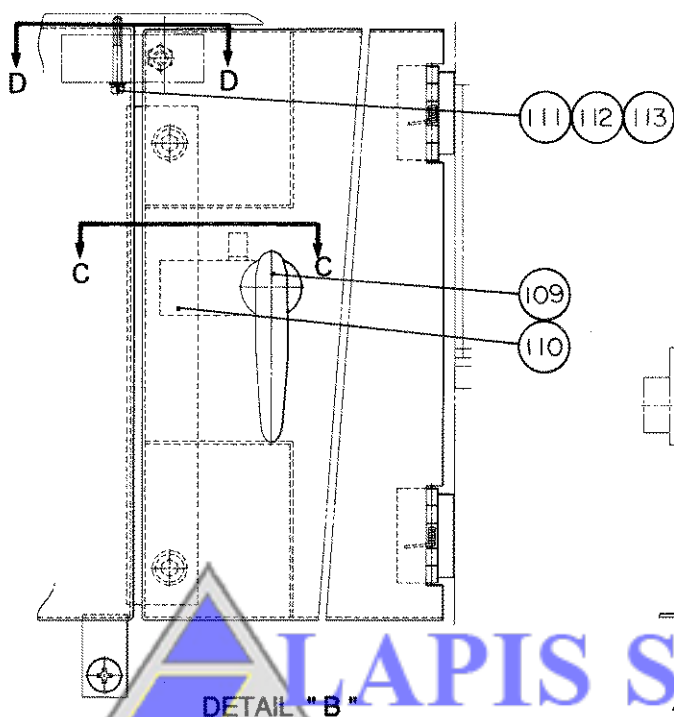
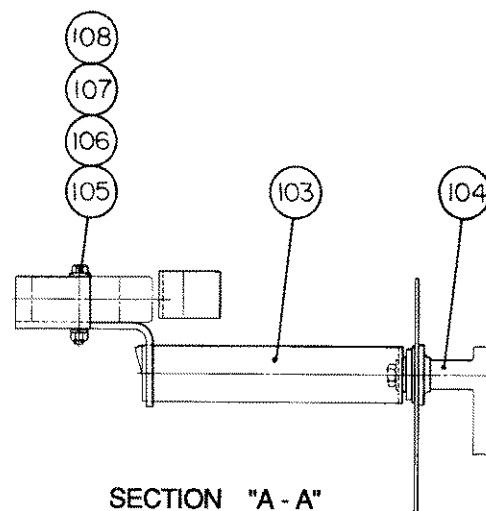
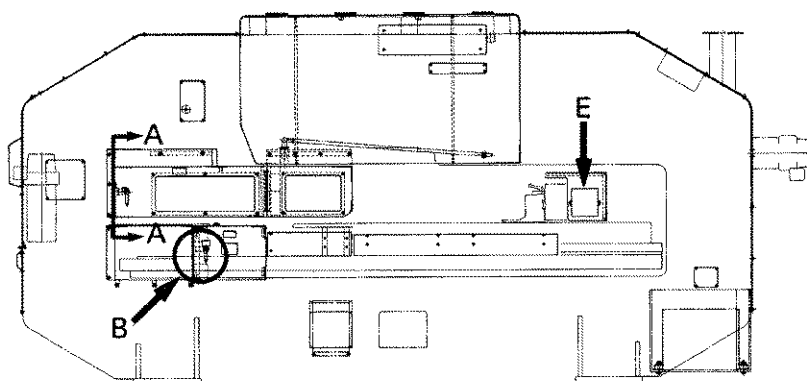
Machine body

From serial No.03670013 and after.

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
64	74300142	Rear cover	810874	1	
65	74300626	Button head machine screw	M8 x 20 (unbrako)	5	
66	74300511	Washer	M8	5	
67	74300811	Packing	285114-1.35 m	1	
68	74300421	Rubber sheet setting plate	820602b	1	
69	74300419	Rubber sheet (A)	820648a	1	
70	74300420	Rubber sheet (B)	820604b	1	
71	74300308	Cover	82074a	1	
72	74300708	Pan head machine screw	M6 x 16	4	
73	74300527	Toothed lock washer	M6	4	
74	74300307	Door (R)	810728b	1	
75	74300606 (44235241)	Cap screw	M8 x 20	4	
76	74300518 (10001521)	Spring washer	M8	4	
77	74300511	Washer	M8	4	
78	74300353	Rear turret cover (upper)	818231	1	
79	74300702	Truss head machine screw	M8 x 16	8	
80	74300314	Knob bolt	810735	2	
81	74300327	Rear turret cover (lower)	6012742	1	
82	74300702	Truss head machine screw	M8 x 16	6	
83	74300124	Sticker (opne)	811864	1	
84	74300341	Roof (left)	6510118	1	
85	74300321	Side roof (left)	810743a	1	
86	74300243	Left side cover (upper)	6510119	1	
87	74300244	Left side cover (lower)	6510120	1	
88	74300708	Pan head machine screw	M6 x 16	22	
89	74300527	Toothed lock washer	M6	22	
90	74300810	Packing	285114-1.350	1	
91	74300315 (74159011)	Knob screw	A-176-5	1	
92	74300342	Roof (right)	6510115	1	
93	74300349	Side roof (right)	6510116	1	
94	74300251	Right side cover	6510117	1	
95	74300708	Pan head machine screw	M6 x 16	18	
96	74300527	Toothed lock washer	M6	18	
97	74300130	Legend plate (lubrication)	810593f	1	
98	74300719	Drive screw rivet	96 x 12	4	
99	74300128	Sticker (timing belt)	810585	1	
100	74300129	Sticker (B-93)	810594	1	
101	74304935 (74161611)	Free stroke bearing	C-8Y-A	1	
102	74300605 (36329937)	Cap screw	M8 x 10	2	

Unit No.01
Machine body

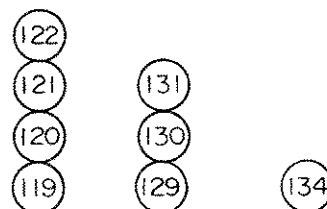
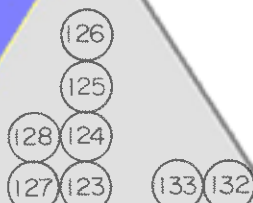
From serial No.03670013 and after.



DETAIL "B"

ARROW "D"

ARROW "C"



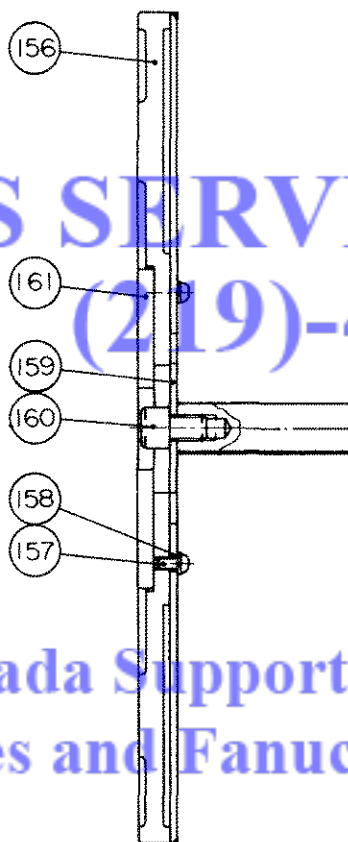
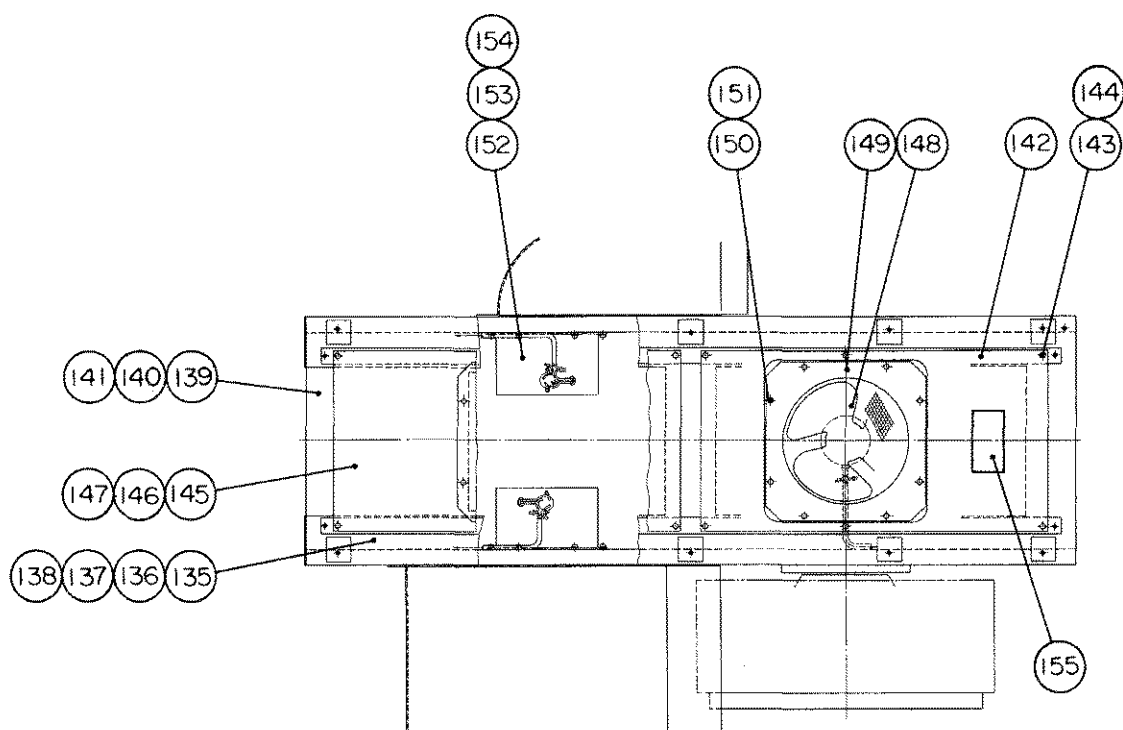
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ARROW "E"

Machine body

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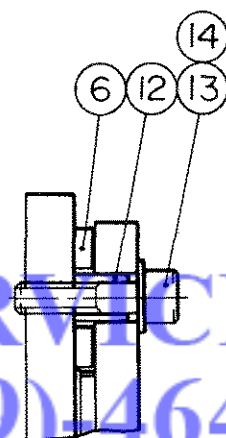
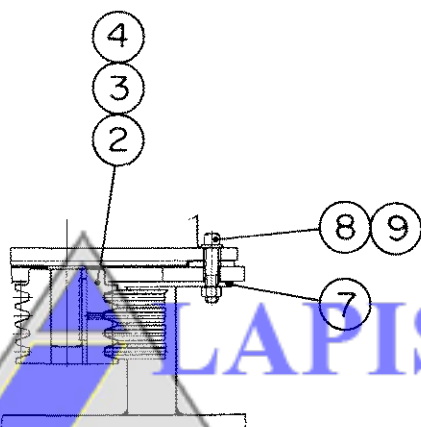
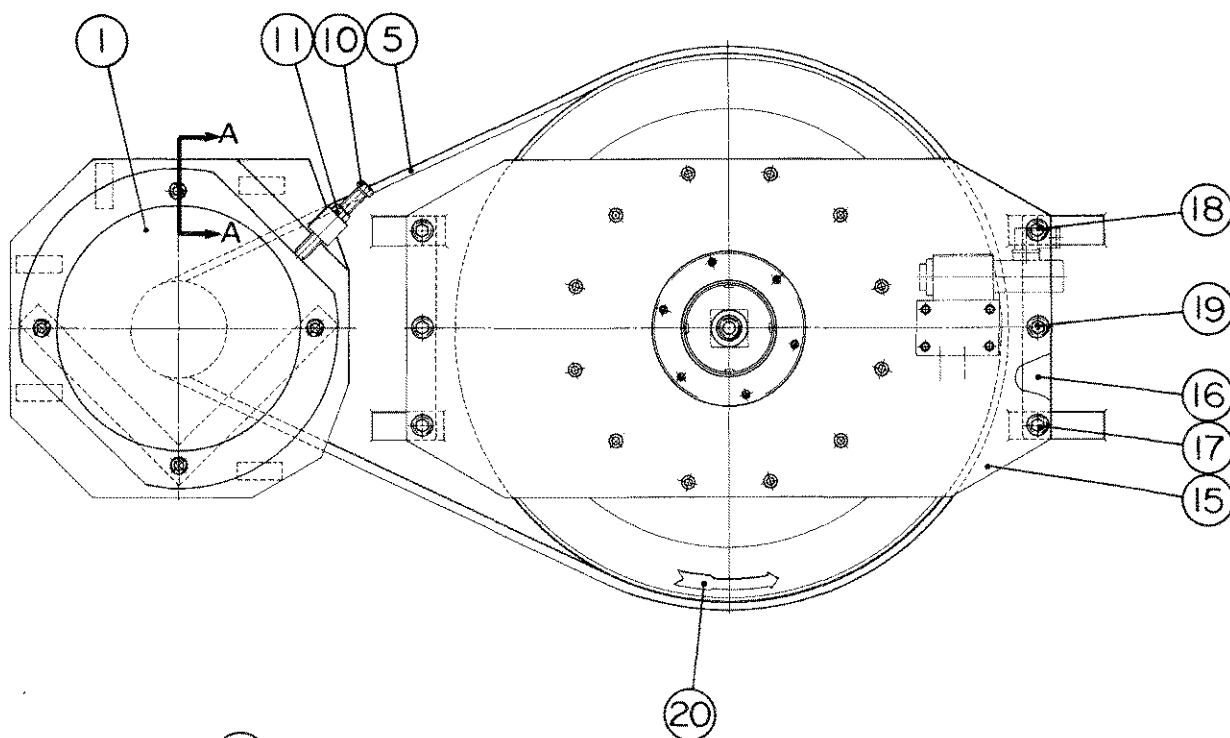
Machine body

From serial No.03670013 and after.

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Unit No.02
Drive

From serial No.03670013 and after.



SECTION "A - A"



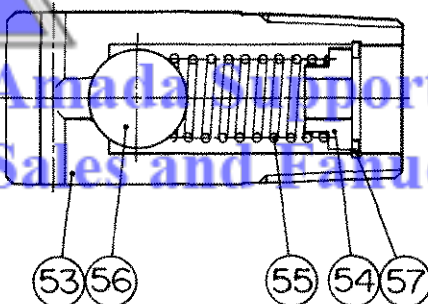
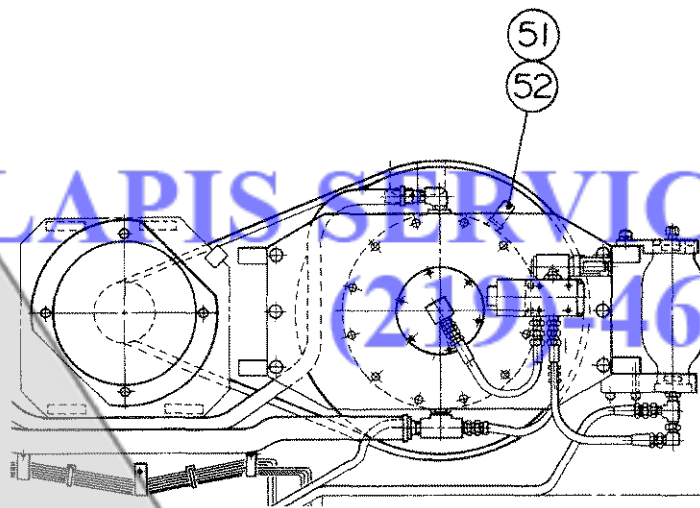
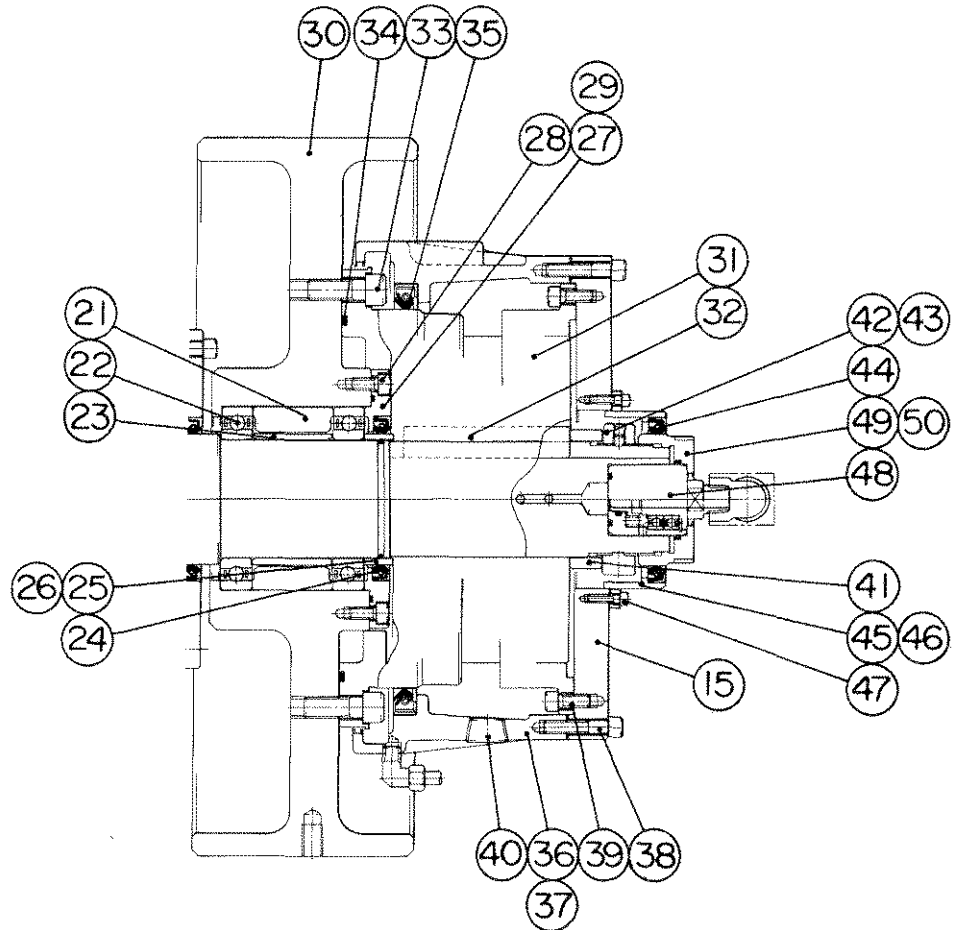
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Unit No.02

Drive

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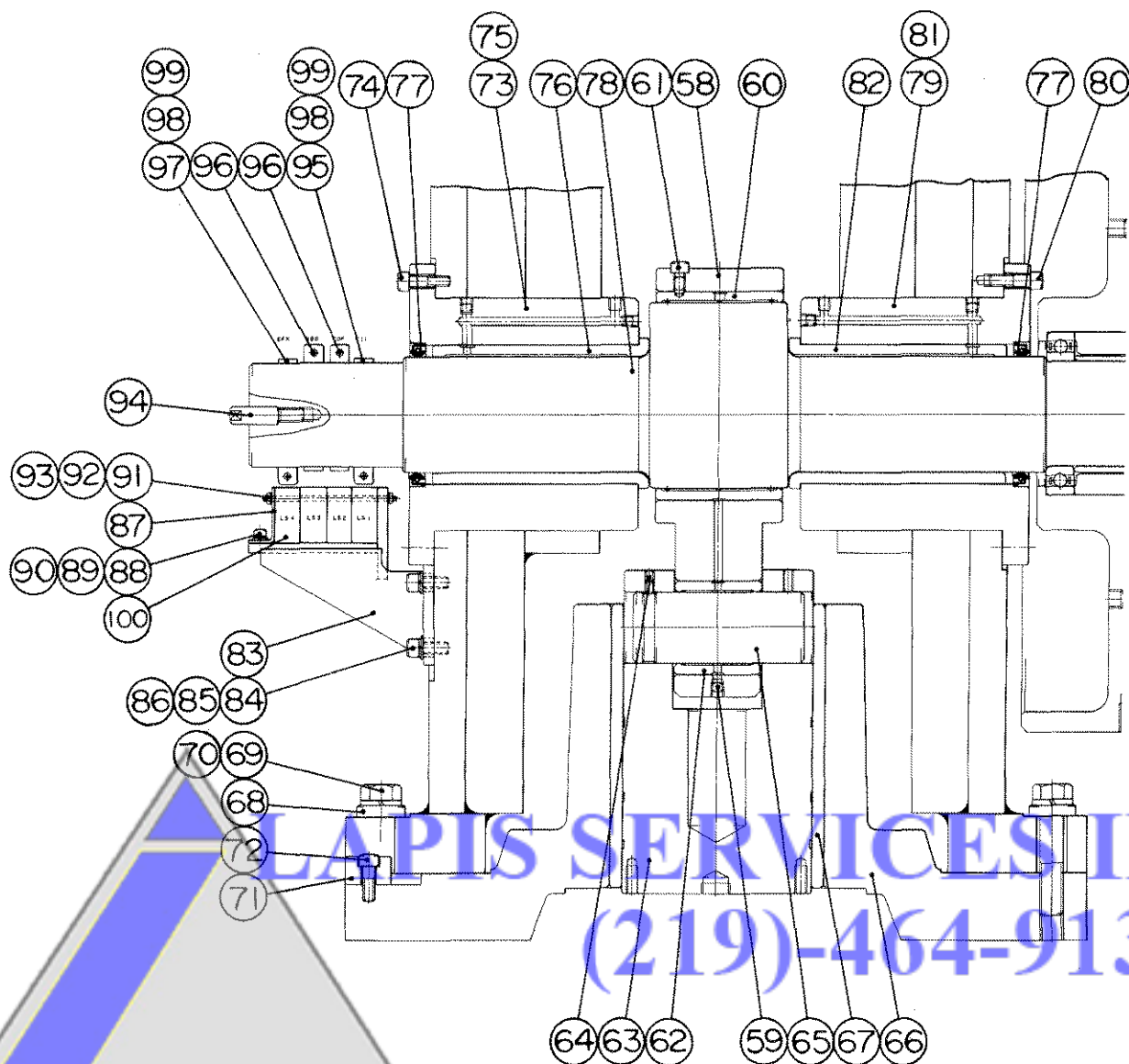
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Sales and Fanuc Control Upgrade



Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
21	74301007 (74327736)	Bearing spacer (A)	6013940	1	
22	74301713 (74328313)	Ball bearing	#6018ZZ	2	
23	74301008	Bearing spacer (B)	6013942b	1	
24	74301706 (74159602)	Oil seal	SB- ϕ 100 x ϕ 125 x 13 ^b	1	
25	74301013 (74327745)	Spacer (A)	601941	1	
26	74301751 (10310403)	O-ring	G-85	1	
27	74301019	Bearing retainer	6013938a	1	
28	74302846	Cap screw	M10 x 20 (unbrako)	12	
29	74301752	O-ring	G-145	1	
30	74301306	Flywheel	6013851	1	
31	74301103	Clutch and brake ass'y	6013700b	1	
32	74301328	Eccentric shaft key	6013857a	1	
33	36322121	Cap screw	M16 x 45	12	
34	74301753 (74328404)	O-ring	G-270	1	
35	74301708 (74328414)	Oil seal	SB- ϕ 290 x ϕ 330 x 18 ^b	1	
36	74301108	Clutch and brake case	821213	1	
37	74301115	Pacing (A)	6013950a	1	
38	74304949	Cap screw	M10 x 45 (unbrako)	12	
39	74304946	Cap scerw	M10 x 25 (unbrako)	12	
40	74301703 (10465810)	Plug	PT 1"	1	
41	74301014	Spacer (B)	6013853	1	
42	74301024 (74327766)	Lock nut	6013937	1	
43	74353708	Set screw (flat end)	MF8 x 1	4	
44	74301706 (74159602)	Oil seal	SB- ϕ 100 x ϕ 125 x 13 ^b	1	
45	74301027	Seal holder	6013854b	1	
46	74301114 (74327523)	Packing (B)	601395a	1	
47	74314409	Cap screw	M6 x 50	6	
48	74301031 (74327761)	Swivel joint	7931054	1	
49	74301032 (74327757)	Swivel holder	6013936	1	
50	74301754 (74328405)	O-ring	S-55	1	
51	74301704	Bushing	PT 1" x 1/2"	1	
52	74301135	Check valve ass'y	821230a	1	
53	74301139	Valve body	821231	1	
54	74301143	Spring guide	821232	1	
55	74301147	Spring	821233a	1	
56	74301729 (61169601)	Steel ball	1/2"	1	
57	74301624	Snap ring	RTW-14	1	

Unit No.02
Drive

From serial No.03670013 and after.



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Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
58	74301220	Connecting rod	801014c	1	
59	74301701 (58147621)	Plug	PT 1/8"	1	
60	74301217 (74159244)	Connecting rod bushing	80112a	1	
61	74301206	Retaining bolt	490233b	1	
62	74301201 (74159242)	Ram pin bushing	480164c	1	
63	74301527	Ram	821106a	1	
64	74301603 (52103501)	Set screw (cup end)	M8 x 10	2	
65	74301520 (74159239)	Ram pin	821058	1	
66	74301530	Ram guide	821107e	1	
67	74301517 (74159262)	Ram guide bushing	821057	1	
68	74301502 (74159434)	Washer	821009b	4	
69	74301607	High tension bolt	M20 x 100	4	
70	74302903	Spring washer	M20	4	
71	74301514	Key	821010a	2	
72	74302829	Cap screw	M10 x 30	2	
73	74301235	Eccentric shaft support (F)	6013932b	1	
74	74301921 (74535119)	Cap screw	M10 x 35 (unbrako)	6	
75	74301701 (58147621)	Plug	PT 1/8"	2	
76	74301213	Eccentric shaft bushing (F)	6013934	1	
77	74301705	Oil seal	TB- $\phi 100 \times \phi 125 \times 13$	2	
78	74301004	Eccentric shaft	6013931a	1	
79	74301240	Eccentric shaft support (R)	6013933c	1	
80	74301921 (74535119)	Cap screw	M10 x 35 (unbrako)	6	
81	74301701 (58147621)	Plug	PT 1/8"	2	
82	74301215	Eccentric shaft bushing (R)	811071	1	
83	74301547 (74328022)	Proximity switch bracket	6013948a	1	
84	38124012	Cap screw	M10 x 25	4	
85	74300519 (10001520)	Spring washer	M10	4	
86	74300512	Washer	M10	4	
87	74301549	Push plate	821114a	1	
88	74307602	Cap screw	M6 x 16	2	
89	74300517 (44027928)	Spring washer	M6	2	
90	74302828 (44027930)	Washer	M6	2	
91	74301406	Sensor setting bolt	829052	2	
92	74307617 (74300501)	Nut	M4 (type 1)	4	
93	74307801	Toothed lock washer	M4	4	
94	74301525 (74326221)	End shaft	818112	1	
95	74301319	Proximity switch cam (A)	821085c	1	
96	74301320 (74159255)	Proximity switch cam (B)	821086a	2	
97	74301321 (74159301)	Proximity switch cam (C)	821087a	1	

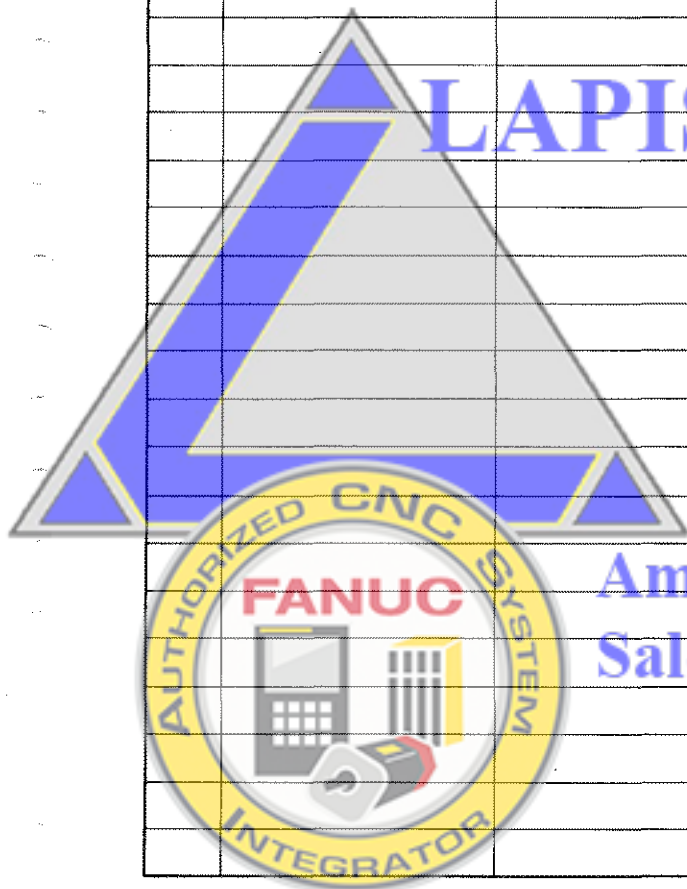
Unit No.02

Drive

From serial No.03670013 and after.

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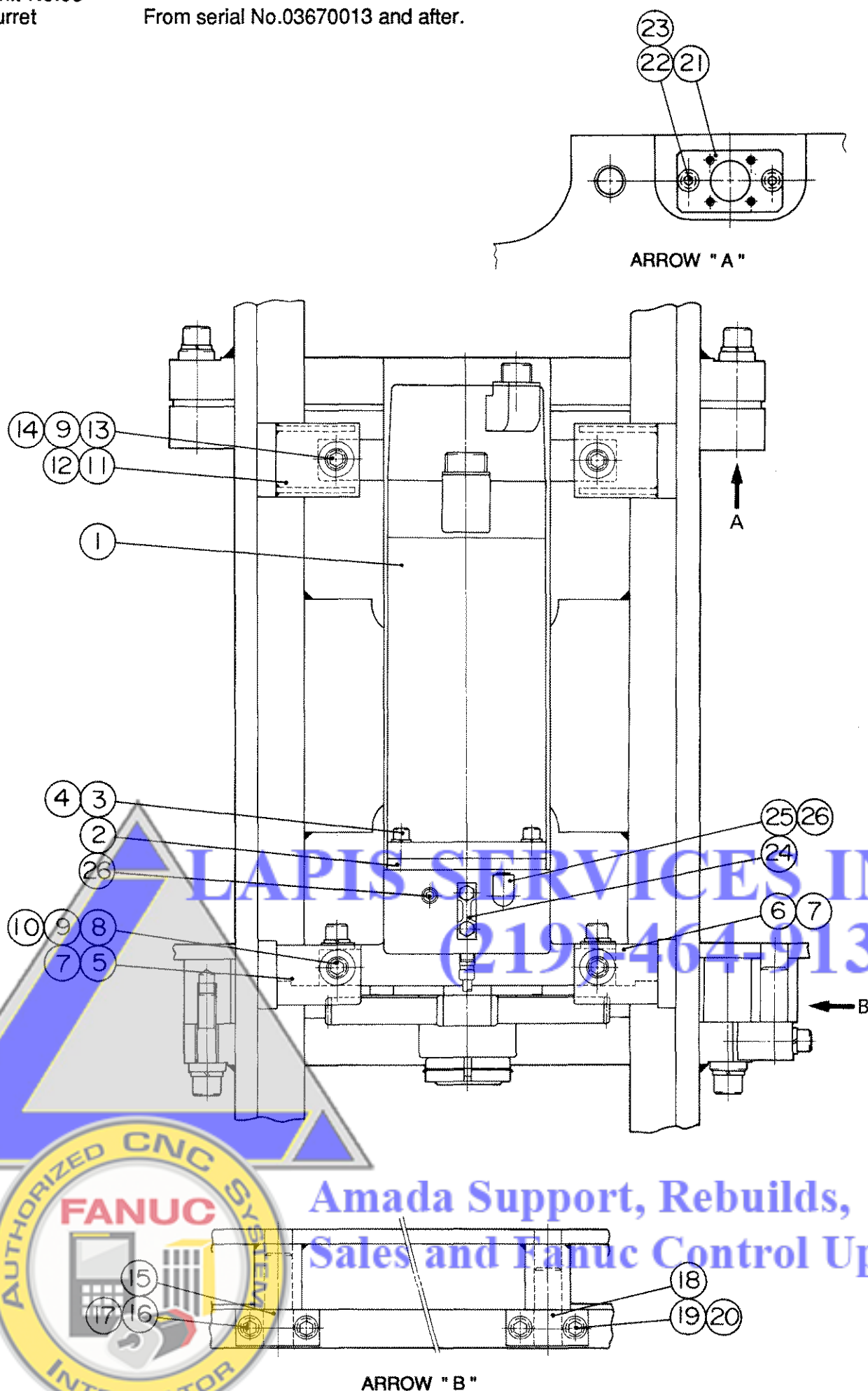
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Unit No.03
Turret

From serial No.03670013 and after.

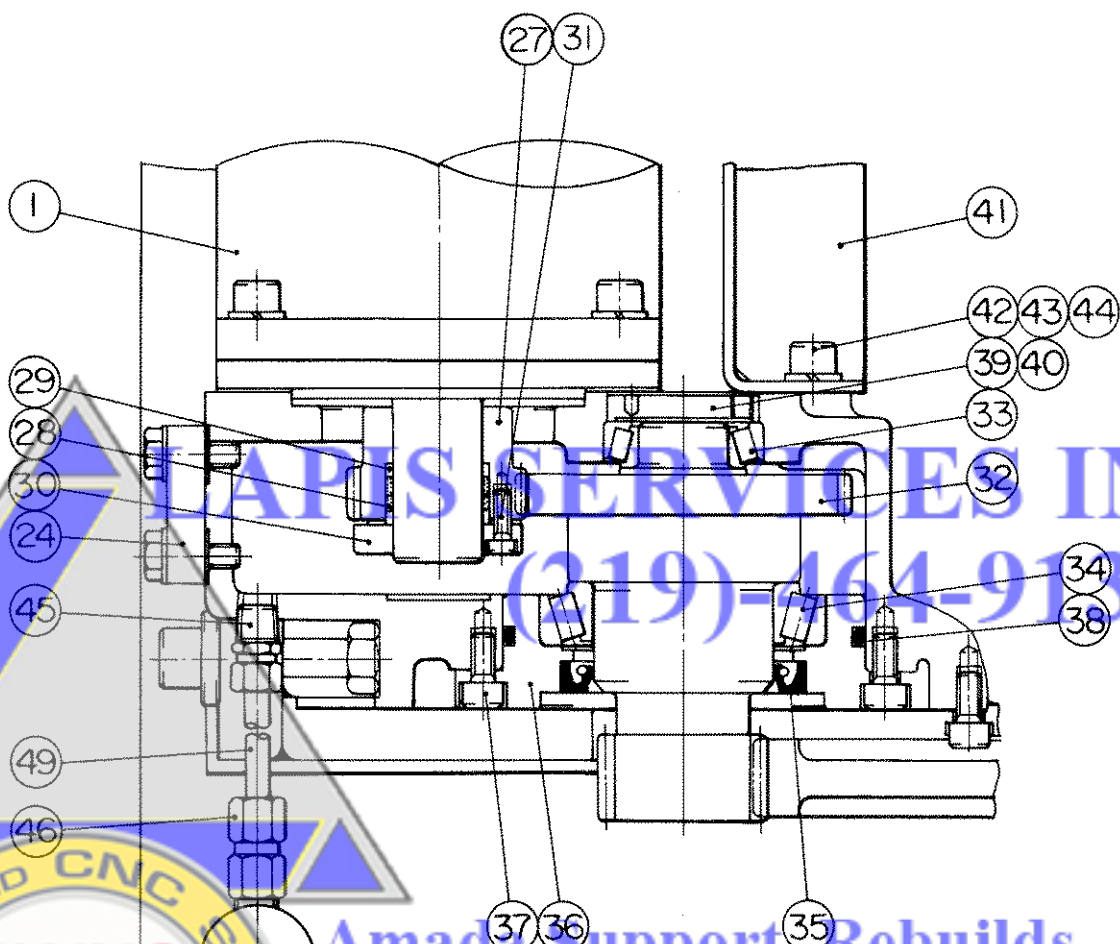
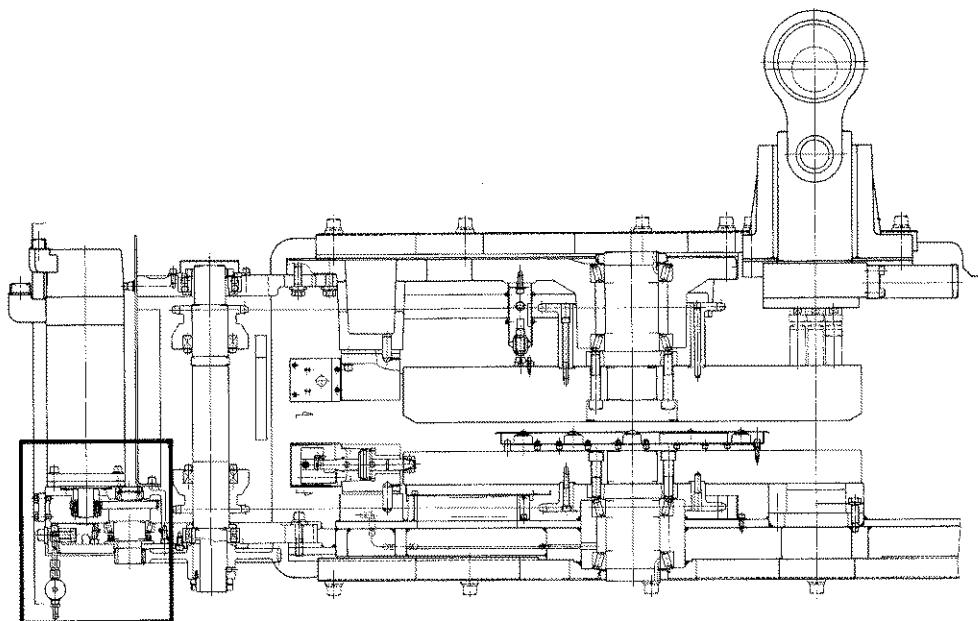


Amada Support, Rebuilds,
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ARROW "B"

Unit No.03
Turret

From serial No.03670013 and after.



Amada Support, Rebuilds,
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Unit No. 03

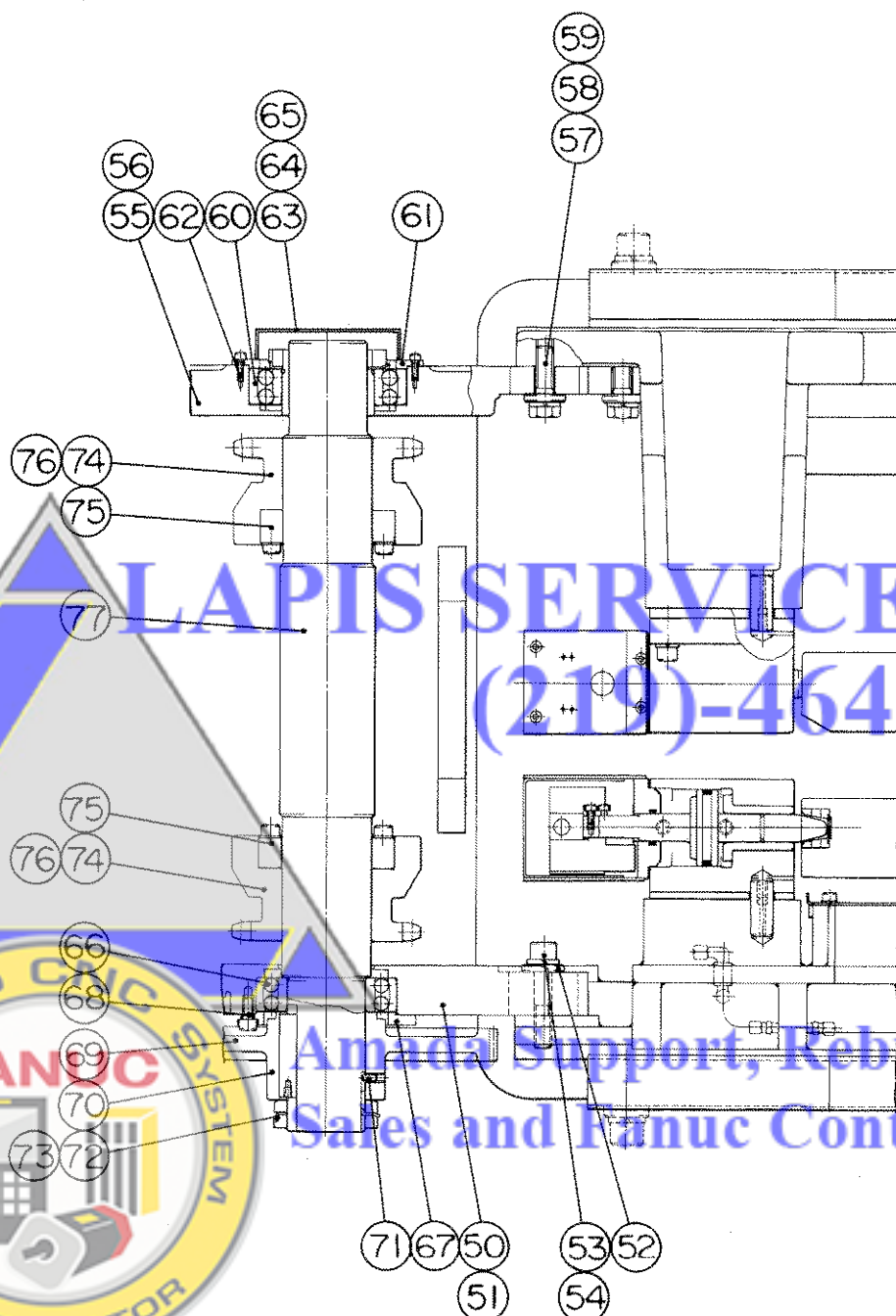
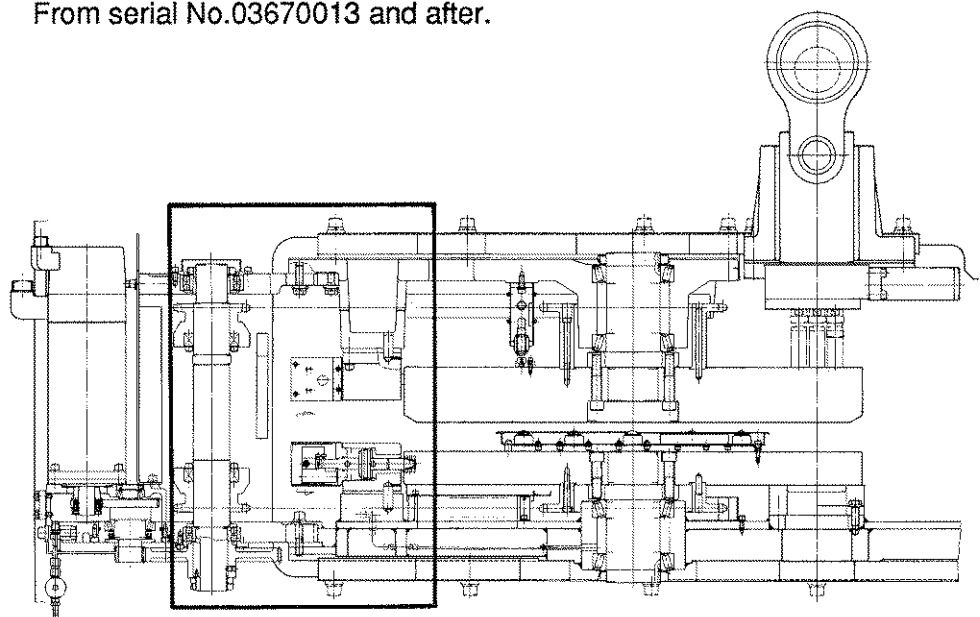
Turret

From serial No.03670013 and after.

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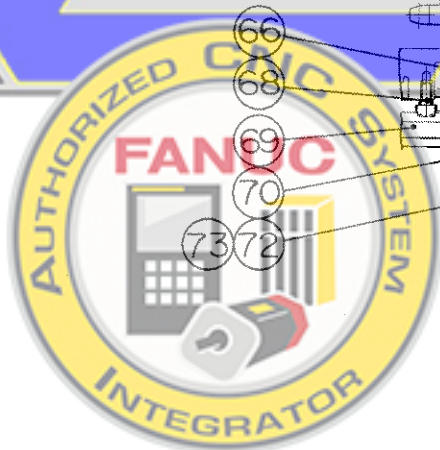
Unit No.03
Turret

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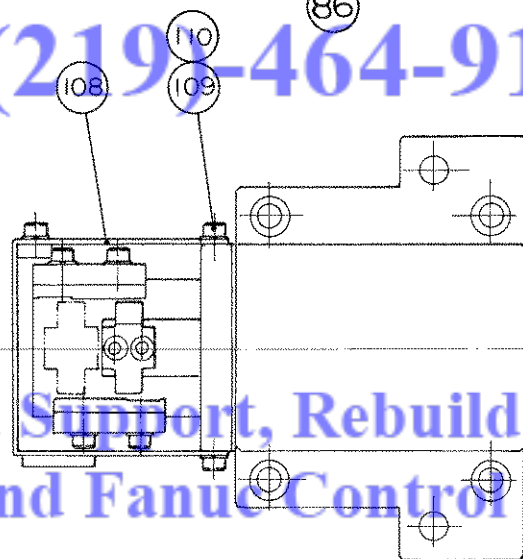
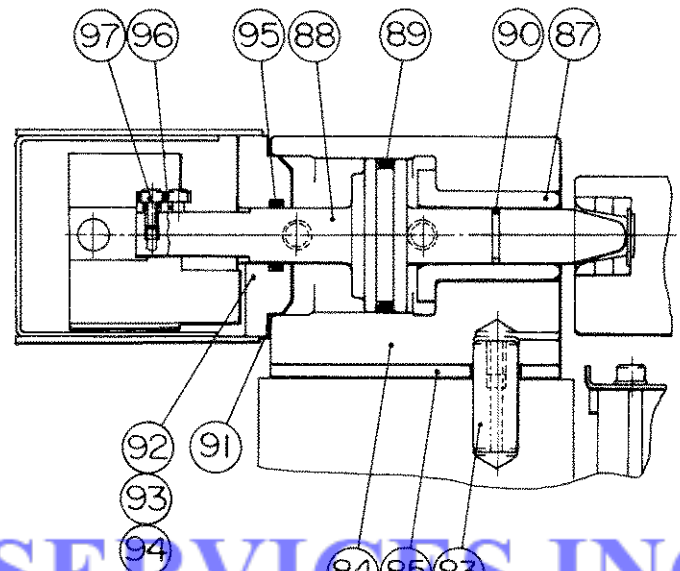
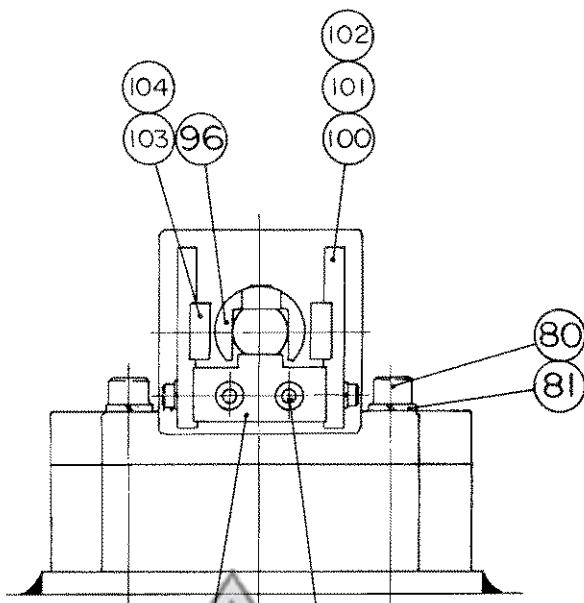
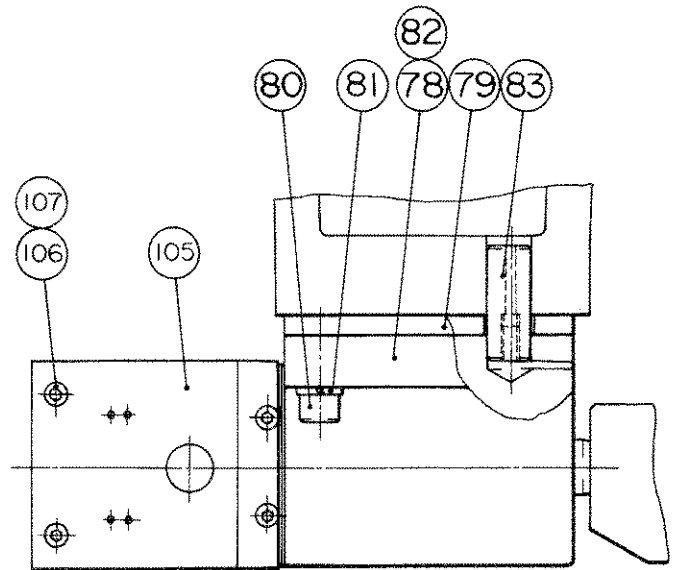
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Sales and Fanuc Control Upgrade



Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
50	74302323	T-axis gear box	811631d	1	
51	74301701 (58147621)	Plug	PT 1/8"	1	
52	74302325	Washer	811632a	4	
53	74302824 (59157427)	Cap screw	M16 x 75	4	
54	74302902	Spring washer	M16	4	
55	74302429	Tension plate	811581	1	
56	74301701 (58147621)	Plug	PT 1/8"	1	
57	74302325	Washer	811632a	4	
58	74303203	Bolt	M16 x 55	4	
59	74302902	Spring washer	M16	4	
60	74303109 (74160120)	Ball bearing	2216K + H316	1	
61	74302408	Bearing retainer (B)	811643	1	
62	74301628 (44028704)	Cap screw	M10 x 20	4	
63	74302433	Bearing cover	811649	2	
64	74303113	Pan head machine screw	M6 x 8	2	
65	74300517 (44027928)	Spring washer	M6	2	
66	74303108 (74160121)	Ball bearing	#2214	1	
67	74302405	Bearing retainer (A)	811634	1	
68	74302846	Cap screw	M10 x 20 (unbrako)	4	
69	74302414	Driven gear	811641a	1	
70	74302425	Turret key	811640	1	
71	74303118	Set screw (with ball)	M8 x 10	1	
72	74302508	Crown nut	AN14	2	
73	74303122	Crown washer	AW14	1	
74	74302401	Drive sprocket	811633	2	
75	74303011 (74160128)	Spann ring	RfN7012 $\phi 80 \times \phi 120$	2	
76	74303106	Chain	RS-100 links 110	2	
77	74302320	Drive shaft	811630d	1	

**Amada Support, Rebuilds,
Sales and Fanuc Control Upg**



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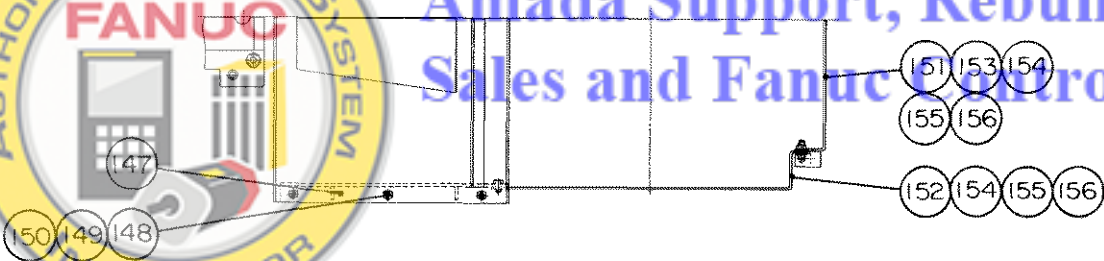
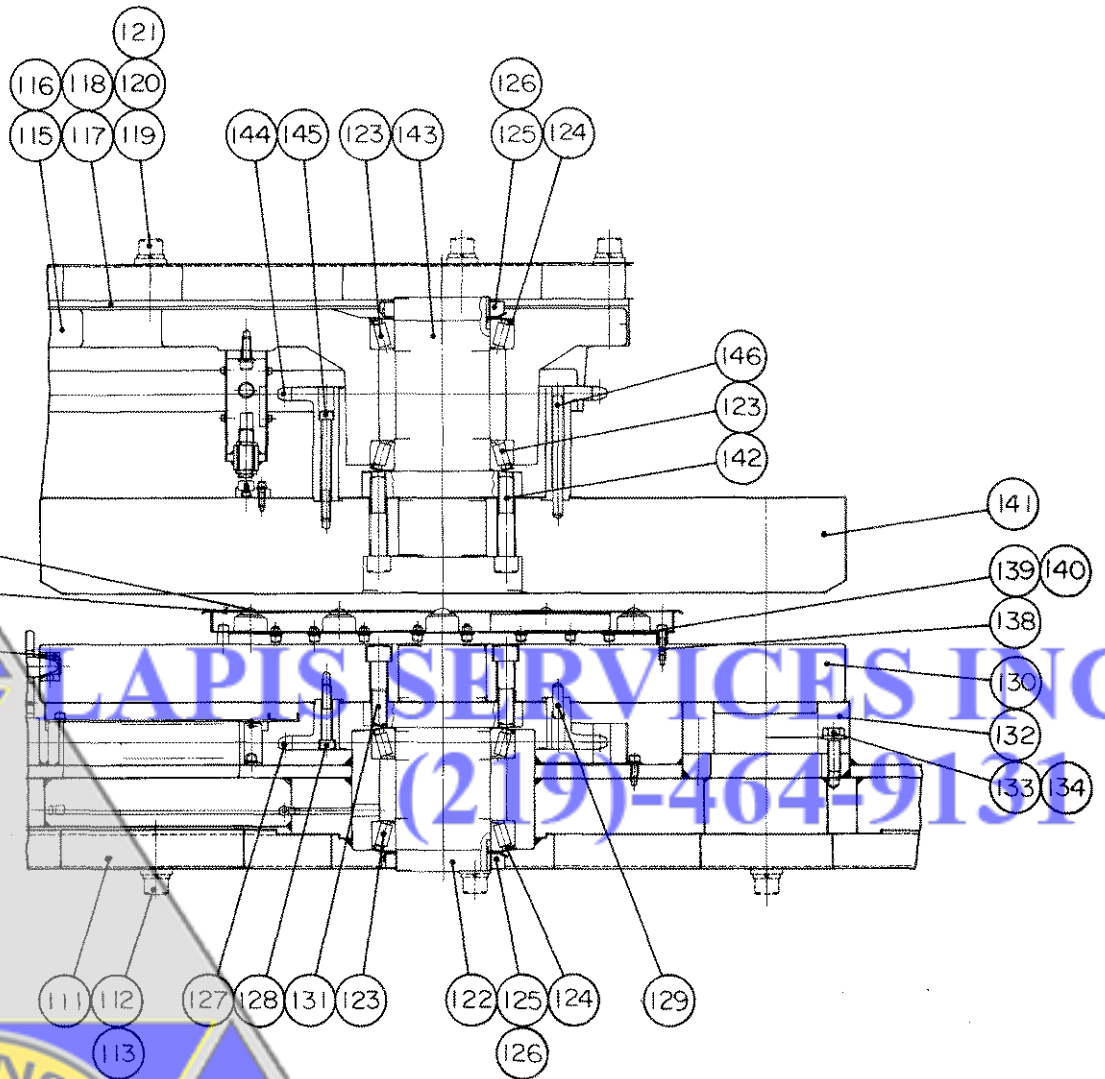
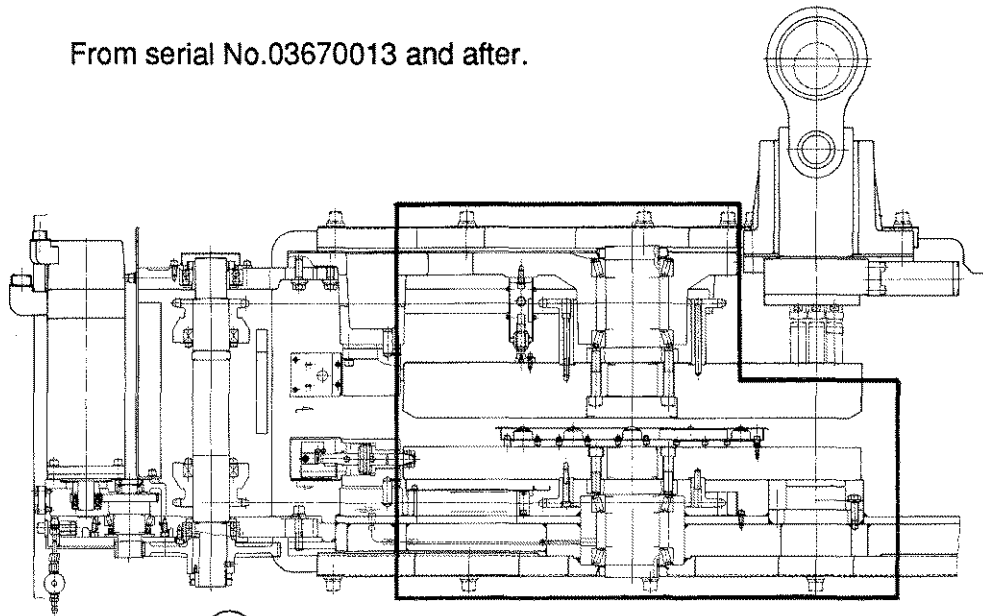
Amada Support, Rebuilds,
Sales and Fanuc Control Upgrade



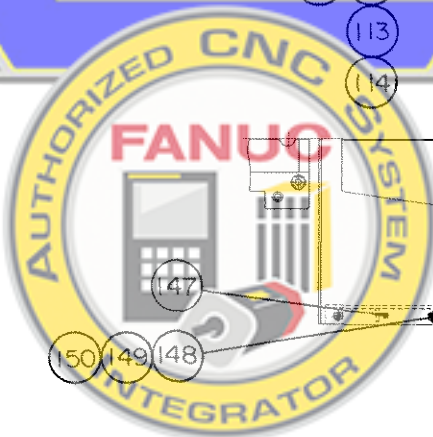
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
78	74302520	Cylinder (upper)	811812b	1	
79	74302204	Spacer (upper)	811813a	1	
80	74301633	Cap screw	M12 x 50	8	
81	74301615 (44028619)	Spring washer	M12	8	
82	74303211	Straight pin (with screw)	Φ13 x 40	1	
83	74303101	Dowel pin	IDS 20 x 60	2	
84	74302518	Cylinder (lower)	811810a	1	
85	74302202	Spacer (lower)	811811	1	
86	74303211	Straight pin (with screw)	Φ13 x 40	1	
87	74302124 (74159920)	Shot pin bushing	801530a	2	
88	74302603	Shot pin	821743c	2	
89	74303025 (74159805)	O-ring	P-60	2	
90	74303021 (74159802)	O-ring	P-21	2	
91	74302128 (7415933)	Cylinder packing	801540	2	
92	74302604	Cover	821744d	2	
93	74302815	Cap screw	M6 x 20	8	
94	74300517 (44027928)	Spring washer	M6	8	
95	74303022 (74159804)	O-ring	P-25	2	
96	74302526	Shot pin dog	821611b	2	
97	74302841	Cap screw	M6 x 14 (unbrako)	2	
98	74302529 (74159706)	Switch base	821612	2	
99	74300608	Cap screw	M8 x 80	4	
100	74302532 (74159707)	Switch bracket	821613	4	
101	74302841	Cap screw	M6 x 14 (unbrako)	8	
102	74302328 (44027930)	Washer	M6	8	
103	74303132 (74163722)	Proximity switch	BES516-345K	4	
104	74302840	Cap screw	M4 x 12 (unbrako)	8	
105	74302306	Sensor cover (A)	811620a	2	
106	74302812	Cap screw	M6 x 10	4	
107	74300517 (44027928)	Spring washer	M6	4	
108	74302307	Sensor cover (B)	811621a	2	
109	74302812	Cap screw	M6 x 10	4	
110	74300517 (44027928)	Spring washer	M6	4	

Unit No.03
Turret

From serial No.03670013 and after.



Amada Support, Rebuilds,
Sales and Fanuc Control Upgrade



Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
111	74302513	Lower base	811577b	1	
112	74302326	Washer	821009b	20	
113	74302851	Cap screw	M20 x 100 (unbrako)	20	
114	74302903	Spring washer	M20	20	
115	74302309	Upper base	811623c	1	
116	74303212	Straight pin (with screw)	Φ13 x 80	4	
117	74302316	Shim (B)	821526d	2	
118	74302315	Shim	811629	2	
119	74302326	Washer	821009b	8	
120	74302851	Cap screw	M20 x 100 (unbrako)	8	
121	74302903	Spring washer	M20	8	
122	74302221	Bearing shaft (lower)	811608b	1	
123	74303015	Roller bearing	#32024XU	4	
124	74303127	Dust prevention ring	32024XAV	4	
125	74302507	Crown nut	811674	2	
126	74303123	Crown washer	AW24	2	
127	74302402	Driven sprocket (A)	811685a	1	
128	74302822	Cap screw	M12 x 70	6	
129	74303211	Straight pin (with screw)	Φ13 x 40	2	
130	74302301	Lower turret disk	811615b	1	
131	74302850	Cap screw	M20 x 80 (unbrako)	6	
132	74302226	Disk support	811609b	1	
133	74303202 (10442949)	Bolt	M16 x 45	4	
134	74302902	Spring washer	M16	4	
135	74302104 (74160230)	Bushing	480336k	56	
136	74303209 (74161611)	Free stroke bearing	C-8Y-A	19	
137	74302304	Support plate	811617	1	
138	74302818	Cap screw	M8 x 30	6	
139	74307602	Cap screw	M6 x 16	38	
140	74300517 (44027928)	Spring washer	M6	38	
141	74302302	Upper turret disk	811616f	1	
142	74302851	Cap screw	M20 x 100 (unbrako)	6	
143	74302222	Bearing shaft (upper)	811624b	1	
144	74302440	Driven sprocket (B)	811809a	1	
145	74302823	Cap screw	M12 x 150	6	
146	74303213	Straight pin (with screw)	Φ13 x 150	2	
147	74302522	Scrap receiver	811823a	1	
148	74303201	Bolt	M6 x 15	6	
149	74300517 (44027928)	Spring washer	M6	6	
150	74302328 (44027930)	Washer	M6	6	

Turret

Turret

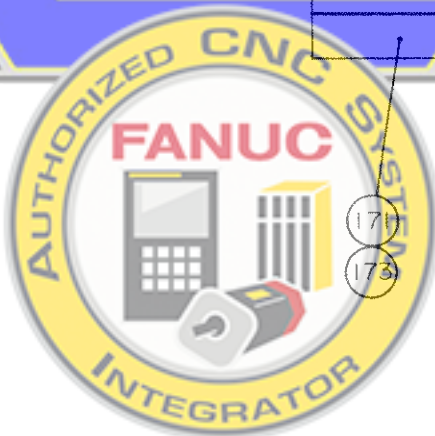
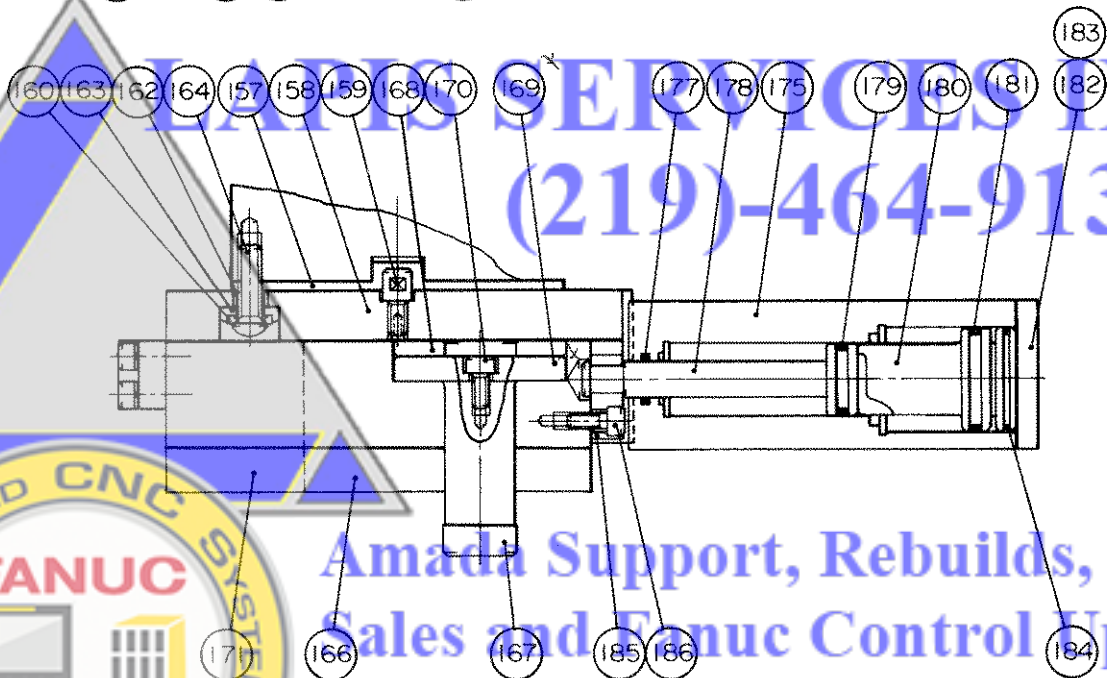
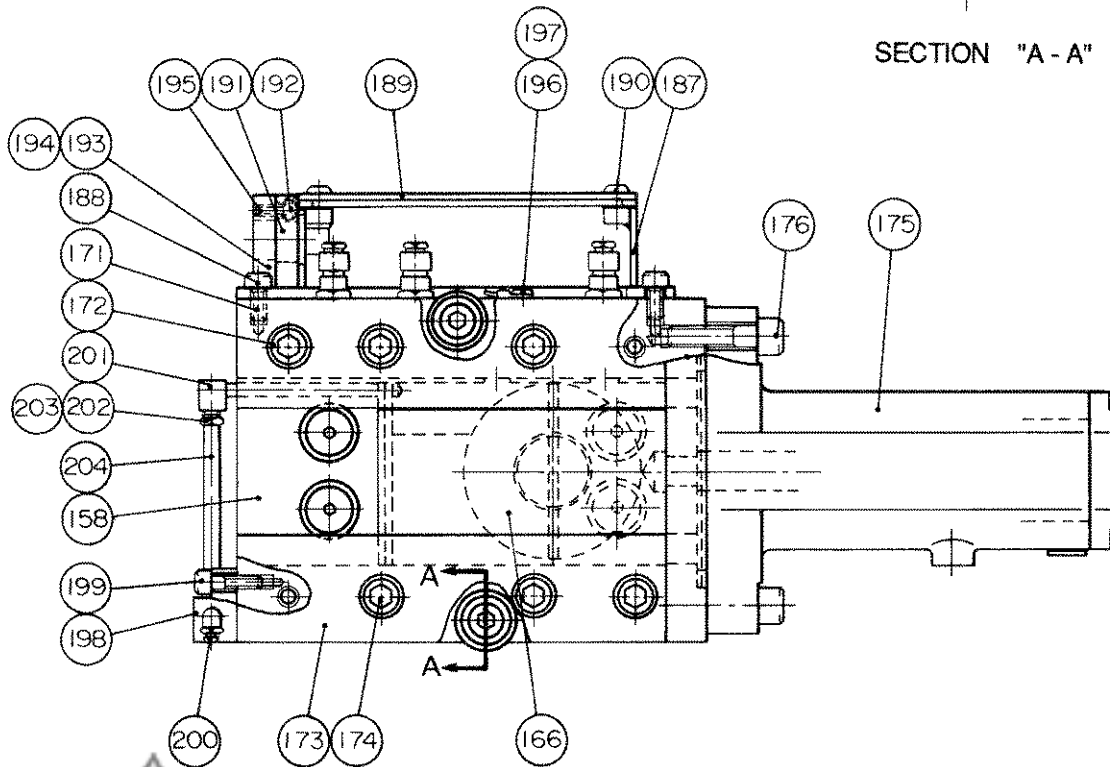
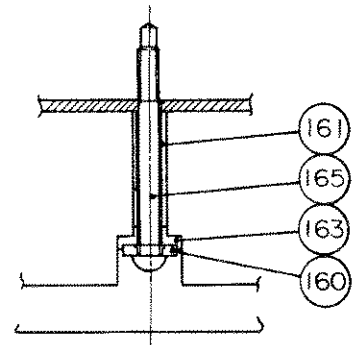
Turret



Turret

Turret

INDEX 169
DW. 821927B



Amada Support, Rebuilds,
Sales and Fancuc Control Upgrade

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
157	74302623	Insulating plate	822035b	1	
158	74302626	Punch holder guide	822036	1	
159	74302217	Locating pin	822037	1	
160	74302629	Insulating washer	822038	6	
161	74302804	Coller (L)	822052	2	
162	74302805	Coller (S)	822053	4	
163	74302327	Washer	822039	6	
164	74303225	Button head socket screw	M10 x 40 (unbrako)	4	
165	74303226	Button head socket screw	M10 x 90 (unbrako)	2	
166	74302701	Punch holder	822040	1	
167	74302705	Punch	822041a	1	
168	74302618 (74160034)	Back-up plate	821926	1	
169	74302621	Shear plate	821927b	1	
170	74302844	Cap screw	M8 x 20 (unbrako)	1	
171	74302708 (74160005)	Guide rail (L)	822042	1	
172	74302848	Cap screw	M12 x 35 (unbrako)	4	
173	74302709 (74160006)	Guide rail (R)	822043	1	
174	74302848	Cap screw	M12 x 35 (unbrako)	4	
175	74302713 (74160023)	Select cylinder	822044a	1	
176	74302849	Cap screw	M12 x 45 (unbrako)	4	
177	74303020 (10001124)	O-ring	P-18	1	
178	74302716	Piston	822045	1	
179	74303023 (10315807)	O-ring	P-29	1	
180	74302108 (74160211)	Float piston	480431d	1	
181	74303024 (52110303)	O-ring	P-44	1	
182	74302113 (74160215)	Cylinder cover	480432c	1	
183	74302842	Cap screw	M6 x 20 (unbrako)	6	
184	74303024 (52110303)	O-ring	P-44	1	
185	74302720	Connecting plate	822046a	1	
186	74302844	Cap screw	M8 x 20 (unbrako)	3	
187	74302724	Proximity switch box	822047a	1	
188	74302843	Cap screw	M8 x 14 (unbrako)	4	
189	74302726	Proximity switch box cover	822048	1	
190	74303224	Button head socket screw	M8 x 15 (unbrako)	4	
191	74302729	Insulating flange	822049	1	
192	74302844	Cap screw	M8 x 20 (unbrako)	2	
193	74302418	Flange	822050	1	
194	74302841	Cap screw	M6 x 14 (unbrako)	4	
195	74303227 (52104301)	Set screw (flat end)	M6 x 8	1	
196	74303230	Lug terminal	1.25-6	1	

Unit No.03

Turret

From serial No.03670013 and after.

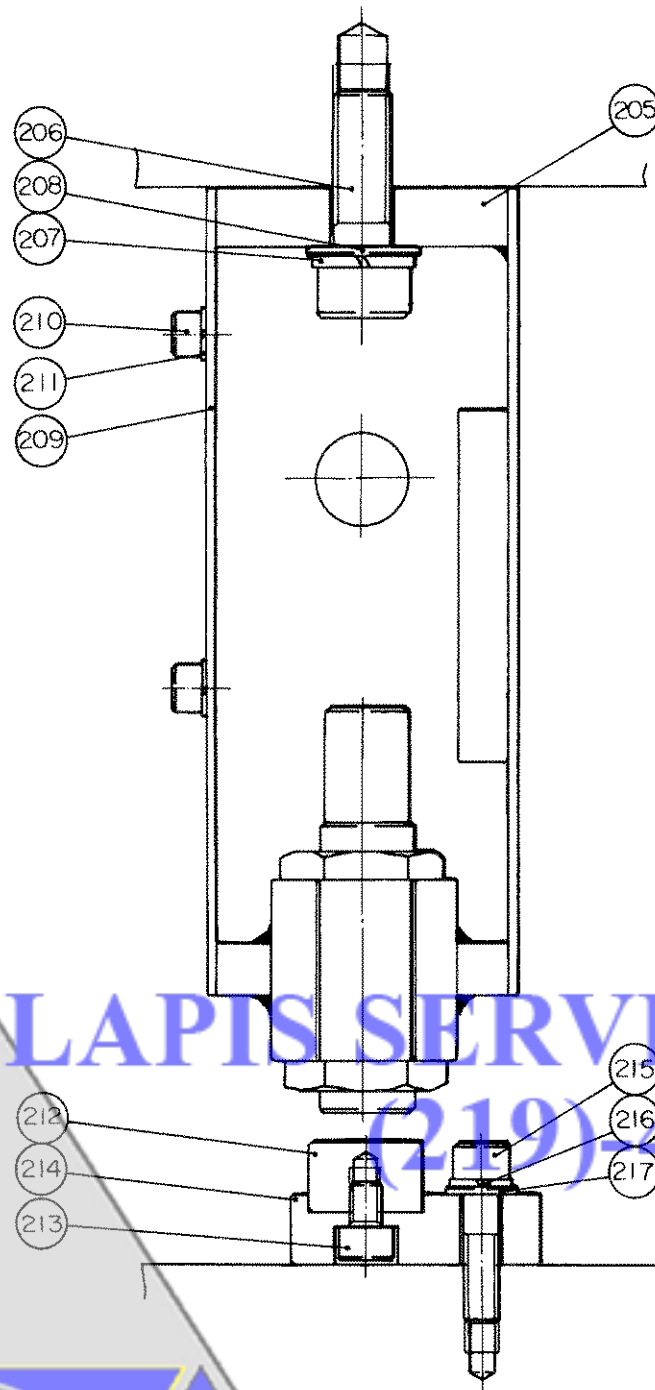
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Amada Support, Rebuilds, Sales and Fanuc Control Upgrade

Unit No.03
Turret

From serial No.03670013 and after.



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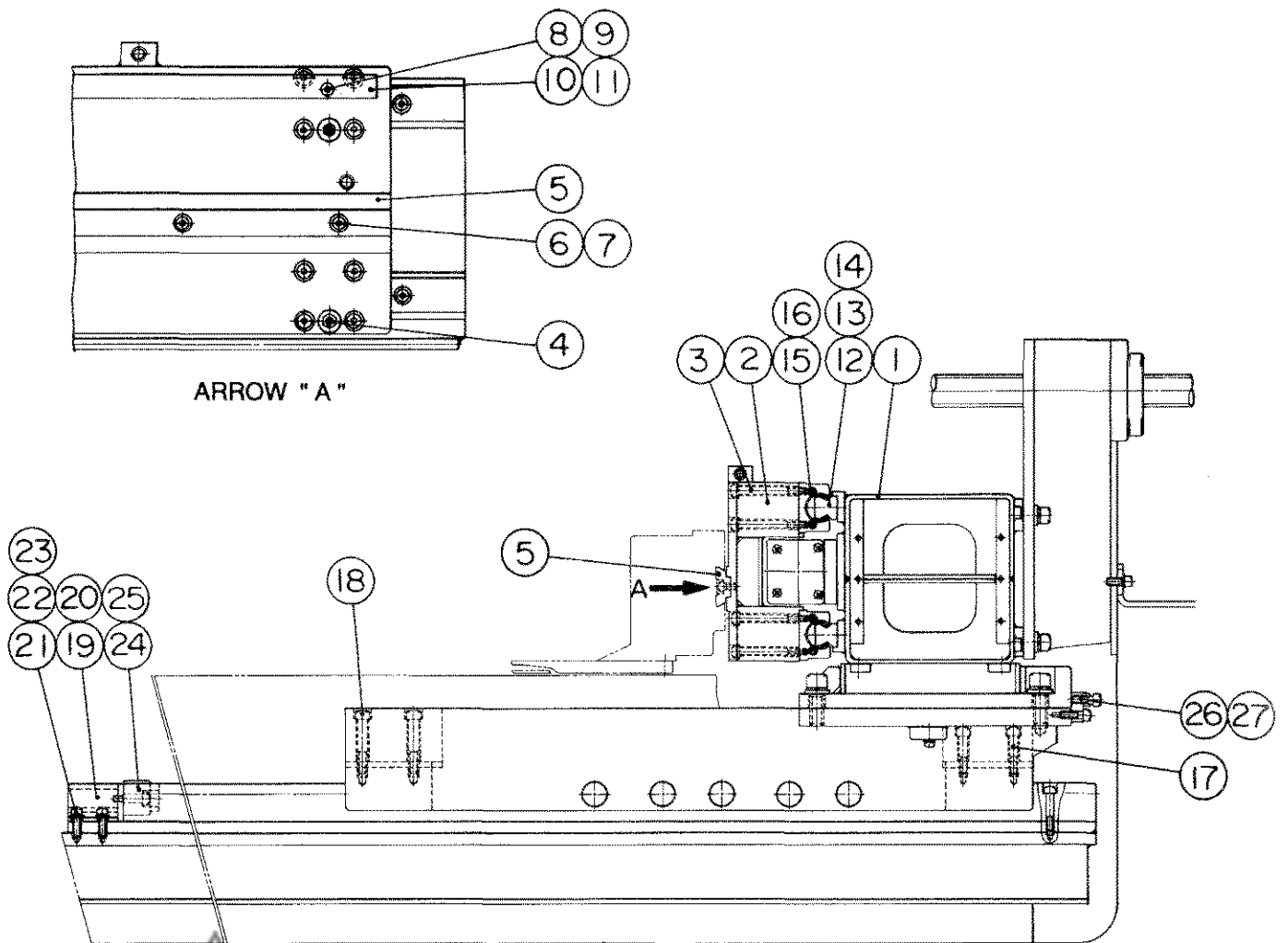
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Sales and Fanuc Control Upgrade



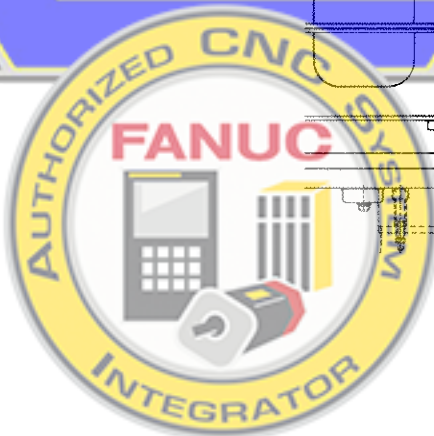
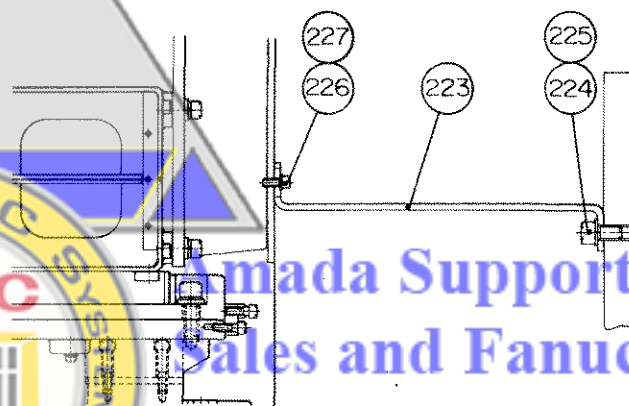
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Unit No.04.
X-axis slide

From serial No.03670013 and after.



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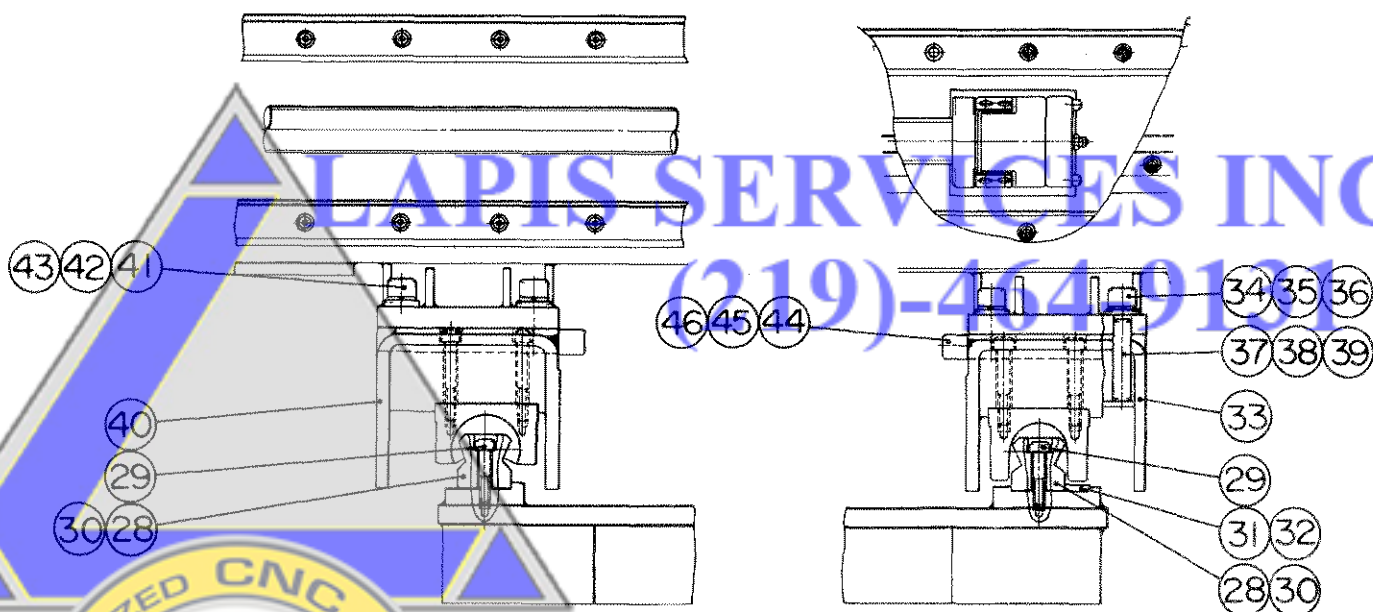
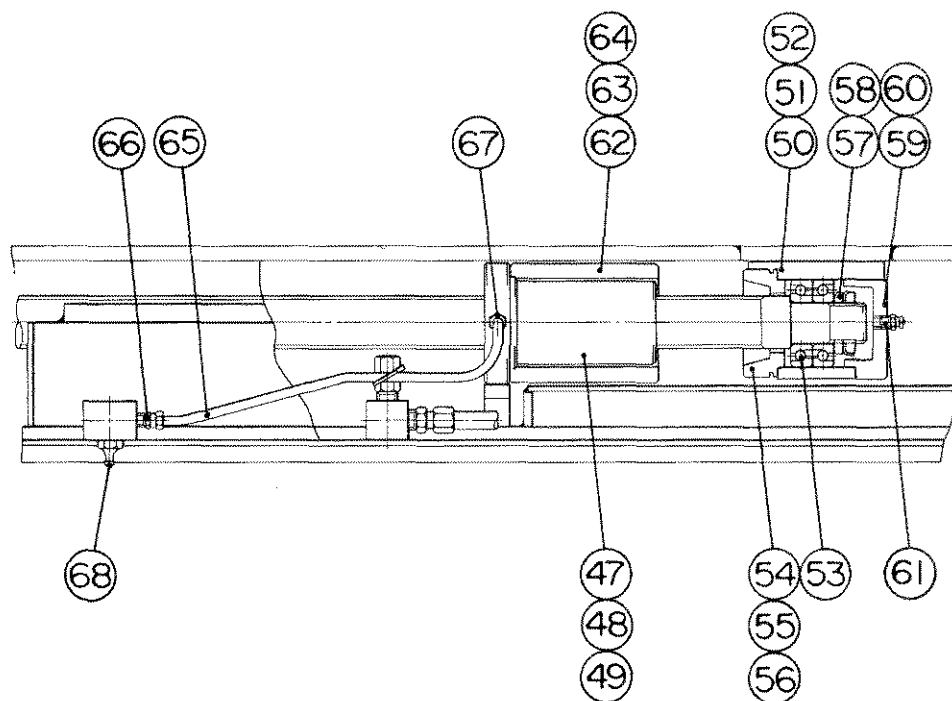
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Unit No. 04

X-axis slide

From serial No.03670013 and after.

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
1	74304215	Carriage base	813381b	1	
2	74304206	Carriage	6012801g	1	
3	74304945	Cap screw	M8 x 80 (unbrako)	8	
4	74304826 (71105206)	Grease nipple	A-1/8"	4	
5	74304222	Guide plate	823016a	1	
6	74302842	Cap screw	M6 x 20 (unbrako)	15	
7	74300517 (44027928)	Spring washer	M6	15	
8	74304730 (74161513)	Scale (mm)	823162b	1	
9	74304731	Scale (inch)	824719a	1	
10	74303219	Button head socket screw	M6 x 12	7	
11	74300517 (44027928)	Spring washer	M6	7	
12	74303606 (74160611)	X-axis guide	7932048	2	
13	74304941	Cap screw	M6 x 25 (unbrako)	74	
14	74305325	Dowel pin (with screw)	Ø8 _{m6} x 30	12	
15	74302812	Cap screw	M6 x 10	8	
16	74303706	Washer	803022a	8	
17	74304949	Cap screw	M10 x 45 (unbrako)	8	
18	74304951	Cap screw	M10 x 65 (unbrako)	8	
19	74303917	Stopper (F)	813735	1	
20	74303918	Stopper (R)	813736	1	
21	74300606 (44235241)	Cap screw	M8 x 20	4	
22	74300518 (10001521)	Spring washer	M8	4	
23	74300511	Washer	M8	4	
24	74303938	Damper (E)	6012795b	2	
25	74304825	Stripper bolt	Ø10 x 20 M8	2	
26	74304231	Adjust plate	813285	2	
27	74302829	Cap screw	M10 x 30	16	
223	74304234	Shipping bracket	817302	1	
224	74304935 (52102331)	Cap screw	M16 x 25	1	
225	74314206	Washer	M16	1	
226	74300606 (44235241)	Cap screw	M8 x 20	2	
227	74300511	Washer	M8	2	

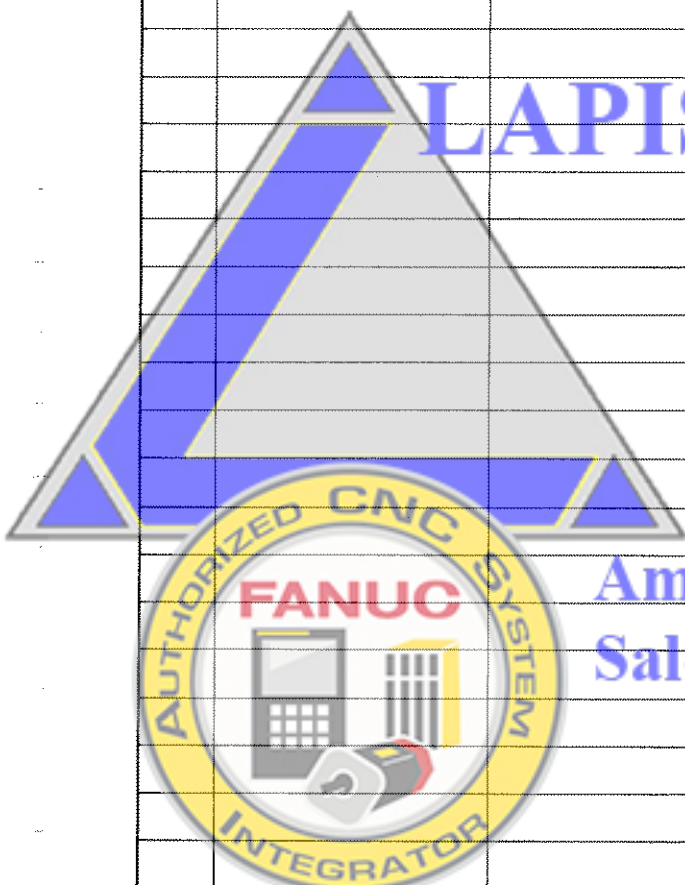


**Amada Support, Rebuilds,
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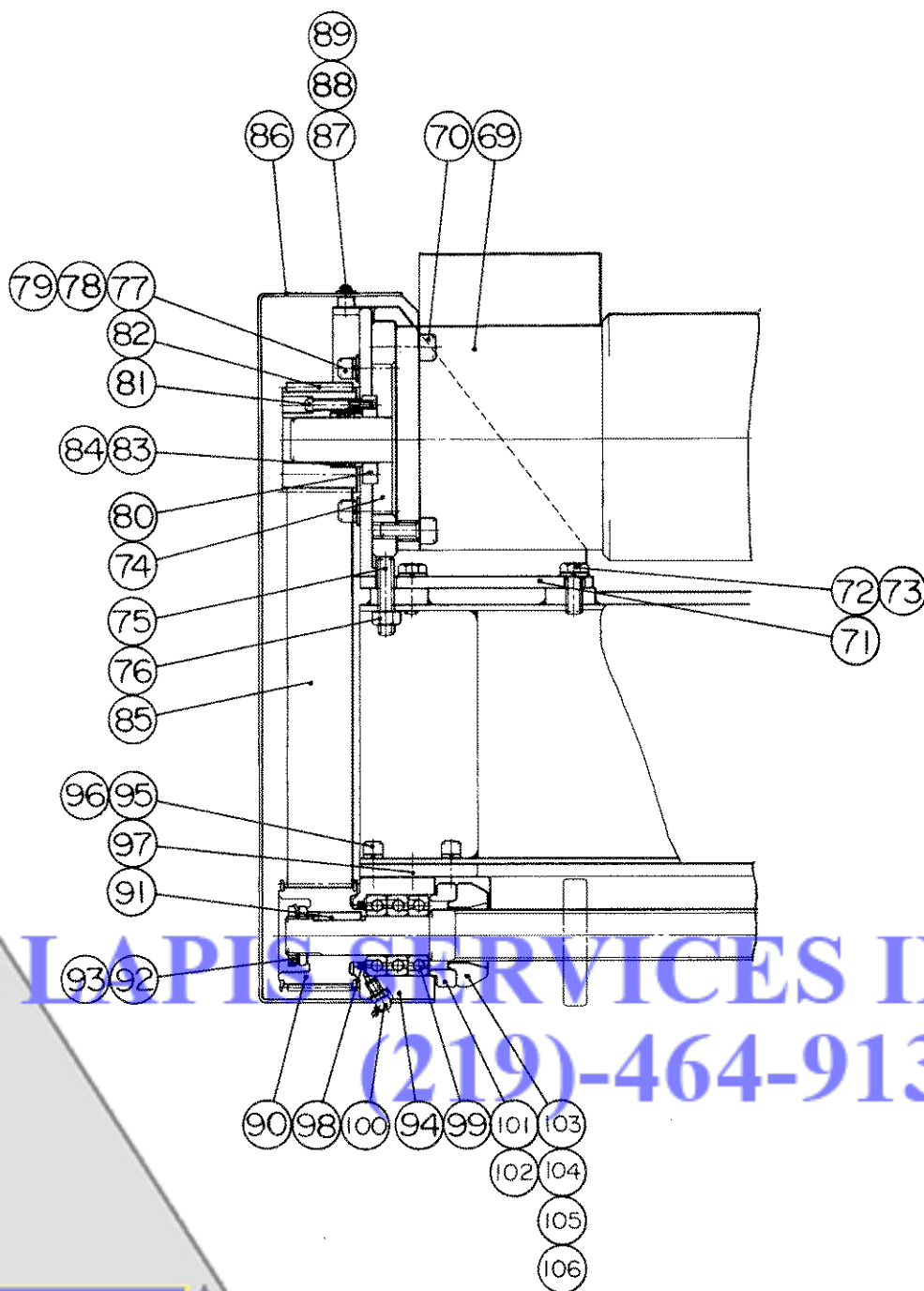
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
28	74303610	Y-axis guide	7932132a	2	
29	74304917	Cap screw	M12 x 40 (unbrako)	40	
30	74305325	Dowel pin (with screw)	Φ8m6 x 30	4	
31	74304310	LM guide stopper collar	813617	28	
32	74304818	Button head socket screw	M8 x 15 (unbrako)	28	
33	74304348	Support bracket (F)	813725a	1	
34	74304952 (36321227)	Cap screw	M16 x 40	4	
35	74303705	Washer	6012794	4	
36	74302902	Spring washer	M16	4	
37	74303813	Straight pin	Φ16m5 x 65	1	
38	74303706	Washer	803022a	1	
39	74304940	Cap screw	M6 x 15 (unbrako)	1	
40	74304349	Support bracket (R)	813726a	1	
41	74304963 (75420724)	Cap screw	M6 x 40 (unbrako)	4	
42	74303705	Washer	6012794	4	
43	74302902	Spring washer	M16	4	
44	74304558	Roller cam	813136a	2	
45	74302815	Cap screw	M6 x 20	10	
46	74305013 (54119607)	Spring pin	Φ6 x 40	4	
47	74303618	Ball screw	7932030	1	
48	74302845	Cap screw	M8 x 25 (unbrako)	4	
49	74304826(71105206)	Grease nipple	A-PT 1/8"	1	
50	74304536	X-axis bearing holder (B)	6012806c	1	
51	74302844	Cap screw	M8 x 20 (unbrako)	4	
52	74304823	Stripper bolt	Φ8 x 10	1	
53	74304932	Ball bearing set	#7206CDB/GNP4	1	
54	74303936	Damper (B)	6012805a	1	
55	74304519	Retainer (B)	815523a	2	
56	74305025 (10336922)	Countersink head machine screw	M5 x 8	4	
57	74305002 (58134502)	Crown nut	AN06	2	
58	74305007 (10310733)	Crown washer	AW06	1	
59	74304336	Bearing retainer (B)	6012807a	1	
60	74304905	Cap screw	M6 x 35	4	
61	74304826 (71105206)	Grease nipple	A-PT 1/8"	1	
62	74304554	X-axis nut bracket	6012802d	1	
63	74304950	Cap screw	M10 x 50 (unbrako)	6	
64	74304943	Cap screw	M8 x 35 (unbrako)	8	
65	74305303	Tube	N2-2-1/4" L=810	1	
66	74305414	Connector	C2N-1/4"-PT 1/4"	1	
67	74305415	Connector	C2N-1/4"-PT 1/8"	1	

X-axis slide

From serial No.03670013 and after.

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Amada Support, Rebuilds, Sales and Fanuc Control Upgrade



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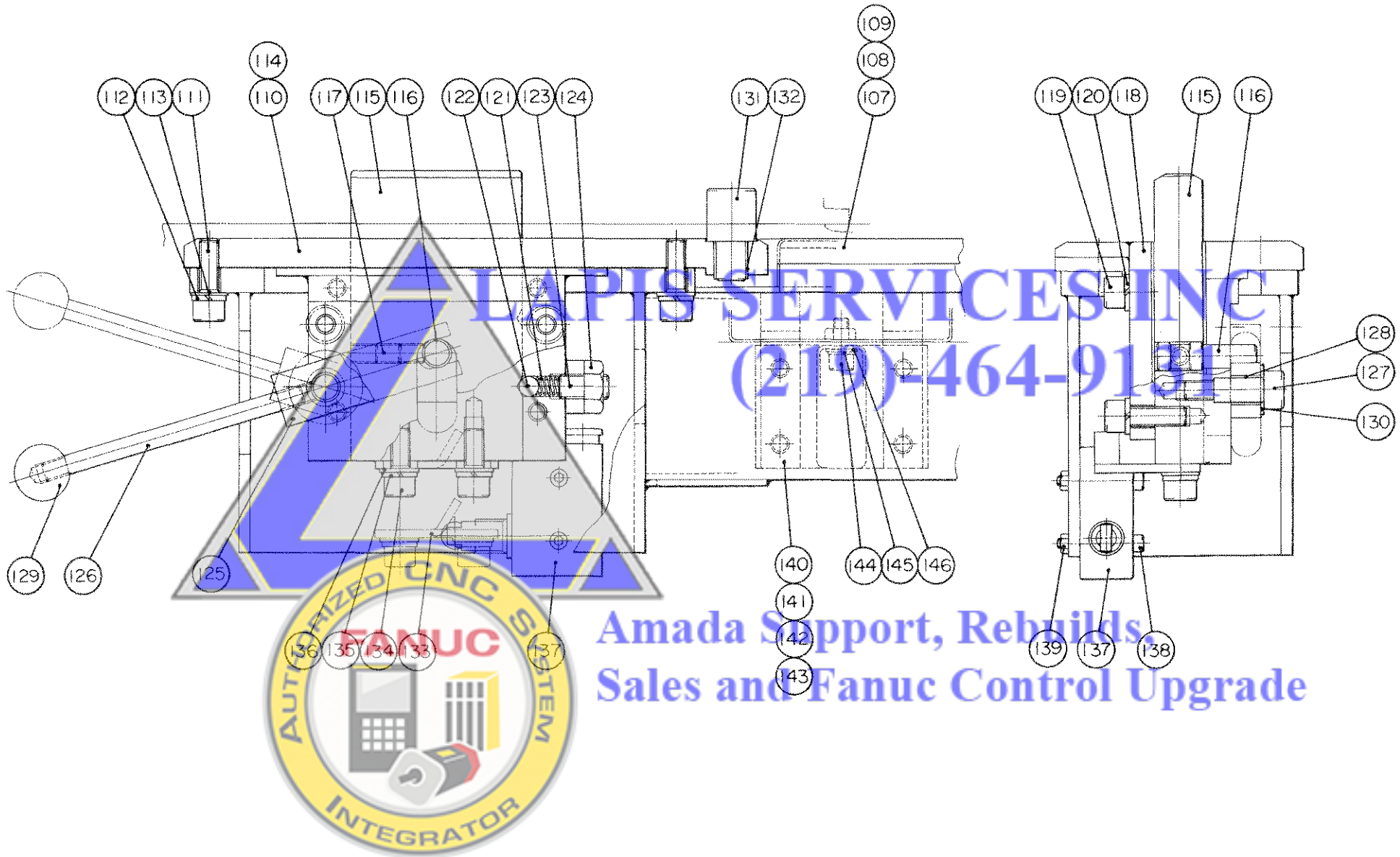


Amada Support, Rebuilds,
Sales and Fanuc Control Upgrade

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
69	74305104	DC servomotor	7L	1	
70	74302820	Cap screw	M12 x 35	4	
71	74304523	Motor bracket	6012809a	1	
72	74305402 (36327605)	Bolt	M12 x 30	4	
73	74301615 (44028619)	Spring washer	M12	4	
74	74304723	X-axis motor plate	813131	1	
75	74305517	Set screw	M12 x 60	1	
76	74301826 (44027319)	Nut	M12	1	
77	74302819 (44028616)	Cap screw	M12 x 30	4	
78	74301615 (44028619)	Spring washer	M12	4	
79	74303704 (44028618)	Washer	M12	4	
80	74304513	Flange	823022	1	
81	74304906 (10310362)	Cap screw	M6 x 45	4	
82	74303907	Drive pulley	823021b	1	
83	74303716	Spacer	805558a	2	
84	74305027 (74161705)	Spann ring	RfN8006 $\phi 35 \times \phi 40 \times 7$	2	
85	74305102	Timing belt	410-H-200	1	
86	74304541	Belt cover	6012808c	1	
87	74300624	Button head socket screw	6 x 15	4	
88	74300517 (44027928)	Spring washer	M6	4	
89	74302328 (44027930)	Washer	M6	4	
90	74303910	Driven pulley (X)	832076c	1	
91	74303712	Key	805536b	1	
92	74305002 (58134502)	Crown nut	AN06	2	
93	74305007 (10310733)	Crown washer	AW06	1	
94	74304535	X-axis bearing holder (A)	6012803a	1	
95	74304948	Cap screw	M10 x 35 (unbrako)	4	
96	74300519 (10001520)	Spring washer	M10	4	
97	74303810	Straight pin	$\phi 8 \times 28$	2	
98	74304923	Oil seal	AF-2340FO	1	
99	74304929 (74161023)	Ball bearing set	#7206CDFT/GNP4	1	
100	74304829 (58134511)	Grease nipple	B-PT 1/8"	1	
101	74304335 (71105022)	X-axis bearing retainer (A)	813125	1	
102	74302844	Cap screw	M8 x 20 (unbrako)	4	
103	74303935	Damper (A)	6012804a	1	
104	74304519	Retainer (B)	815523a	2	
105	74305016 (58250511)	Pan head machine screw	M5 x 8	4	
106	74300516 (44027927)	Spring washer	M5	4	

Unit No.04
X-axis slide

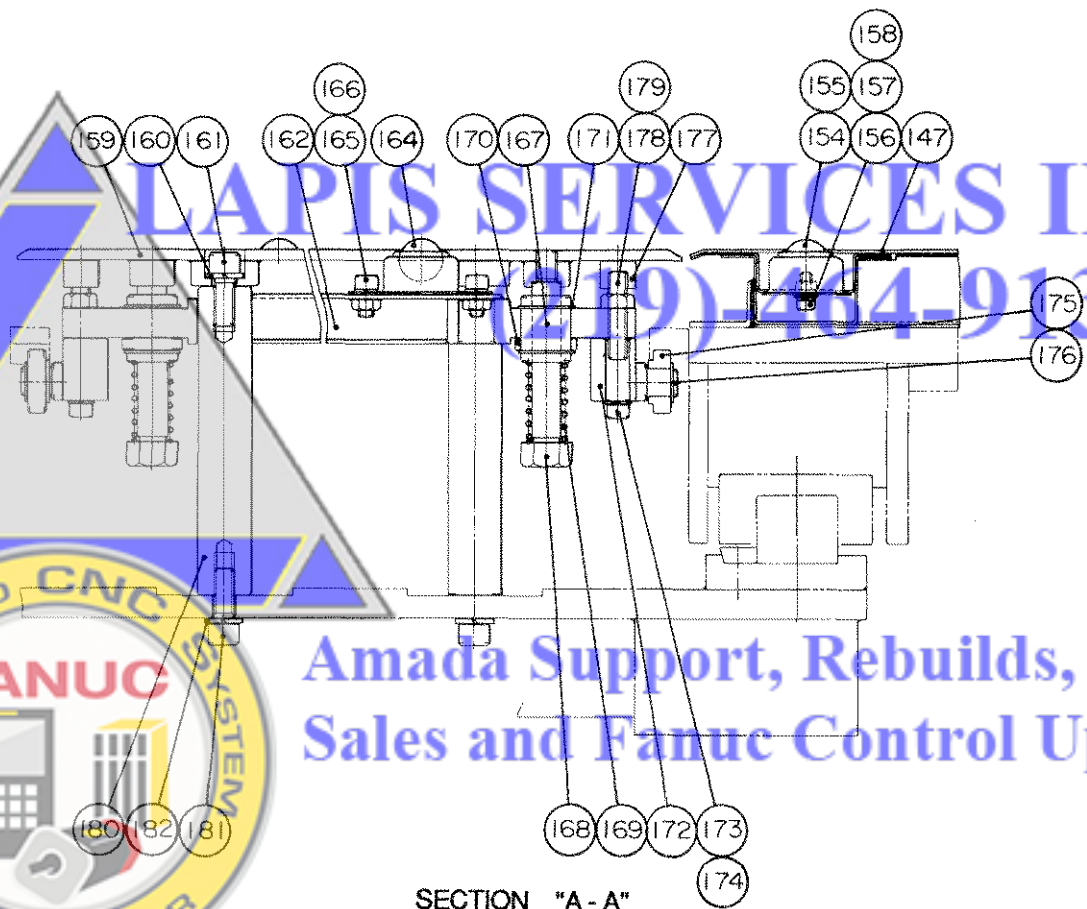
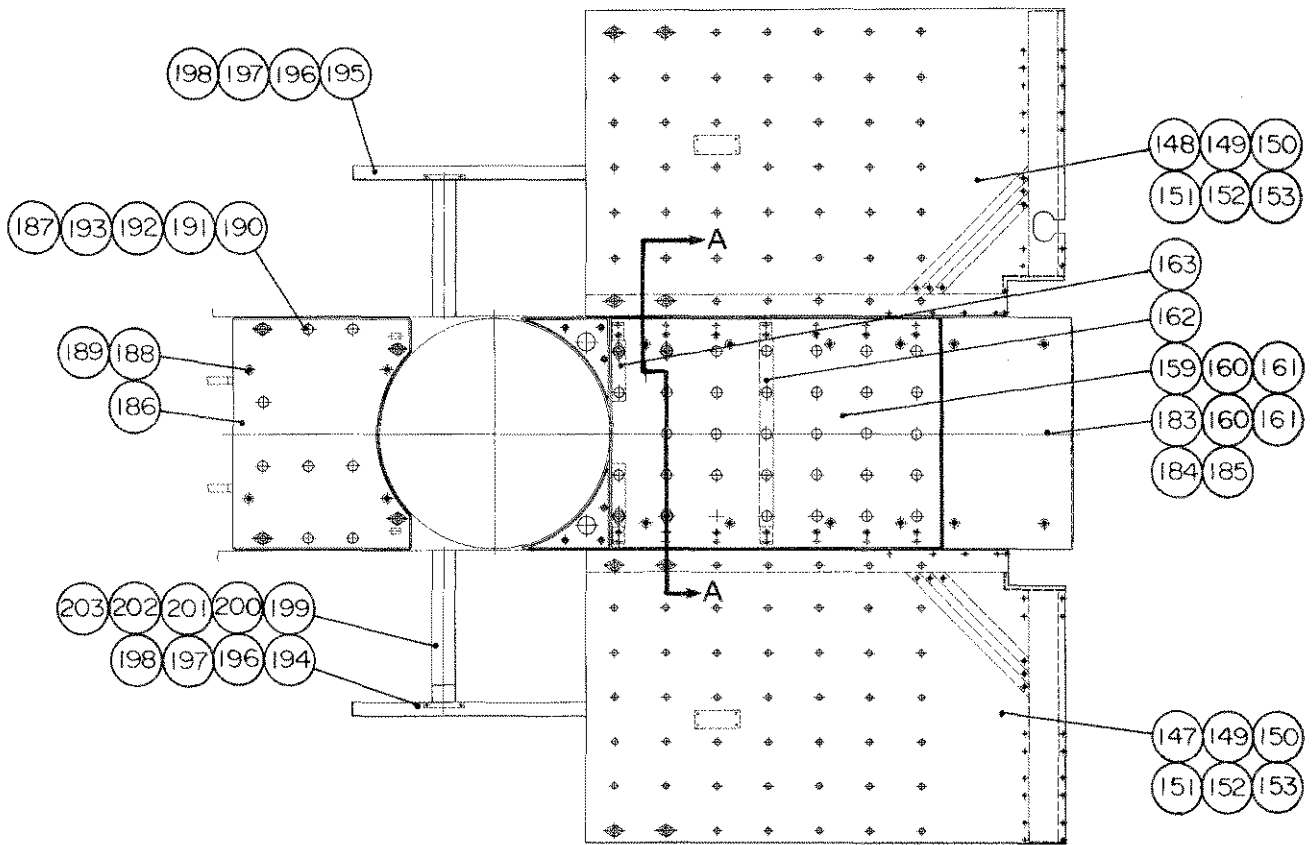
From serial No.03670013 and after.



Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
107	74304635	Arm bracket	813200e	1	
108	74304909	Cap screw	M8 x 40	4	
109	74300518 (10001521)	Spring washer	M8	4	
110	74304638	Guide block	813201b	1	
111	74300607 (21415514)	Cap screw	M8 x 25	4	
112	74300518 (10001521)	Spring washer	M8	4	
113	74300511	Washer	M8	4	
114	74303809	Straight pin	Φ _{8h7} x 18	2	
115	74304641 (71103501)	Stopper	813203	1	
116	74304711	Link pin	813204	1	
117	74314811	Set screw (flat end)	M8 x 10	2	
118	74304111	Guide bracket	813202	1	
119	74300607 (21415514)	Cap screw	M8 x 25	4	
120	74300518 (10001521)	Spring washer	M8	4	
121	74304645 (71103504)	Ratchet spring	813205a	1	
122	74305524 (61167708)	Steel ball	5/16"	1	
123	74305516 (10328211)	Set screw (flat end)	M10 x 15	1	
124	74304423 (10001516)	Nut	M10	1	
125	74304649	Link plate	813208	1	
126	74304652 (74161205)	Lever	813209	1	
127	74304824	Stripper bolt	Φ10 x 20	1	
128	74305310	Oilless metal bushing	#701-11-1010	1	
129	74305527	Knob	Φ25 x M8	1	
130	74305429	Cone disk spring	B-Φ10	1	
131	74304115 (74161816)	Stopper pin	813206	1	
132	74305108	Inner ring	IR12 x 15 x 16	1	
133	74304706	Dog	813207	1	
134	74300606 (44235241)	Cap screw	M8 x 20	2	
135	74300518 (10001521)	Spring washer	M8	2	
136	74300511	Washer	M8	2	
137	74308317 (61164817)	Limit switch	ZC-Q22	1	
138	74304937 (36322512)	Cap screw	M4 x 30	2	
139	74300501	Nut	M4	2	
140	74304657	Stay bracket	813731	1	
141	74300607 (21415514)	Cap screw	M8 x 25	4	
142	74300518 (10001521)	Spring washer	M8	4	
143	74300511	Washer	M8	8	
144	74300604	Cap screw	M6 x 15	1	
145	74300517 (44027928)	Spring washer	M6	1	
146	74302328 (44027930)	Washer	M6	1	

Unit No.04
X-axis slide

From serial No.03670013 and after.



SECTION "A-A"

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
147	74304320	Front side table	813727b	1	
148	74304330	Rear side table	6510107	1	
149	74300606 (44235241)	Cap screw	M8 x 20	40	
150	74300518 (10001521)	Spring washer	M8	40	
151	74300511	Washer	M8	40	
152	38124012	Cap screw	M10 x 25	12	
153	74300512	Washer	M10	12	
154	74304934 (74161611)	Free stroke bearing	C-8Y-A	98	
155	74303630 (74174404)	Back-up plate	7932064	98	
156	74300604	Cap screw	M6 x 15	196	
157	74300517 (44027928)	Spring washer	M6	196	
158	74302328 (44027930)	Washer	M6	196	
159	74303923	Center table	813734	1	
160	74302819 (44028616)	Cap screw	M12 x 30	36	
161	74301615 (44028619)	Spring washer	M12	36	
162	74304001	Free stroke bearing guide (A)	813160a	6	
163	74304002	Free stroke bearing guide (B)	813161a	1	
164	74304934 (74161611)	Free stroke bearing	C-8Y-A	35	
165	74300606 (44235241)	Cap screw	M8 x 20	70	
166	74300518 (10001521)	Spring washer	M8	70	
167	74305434 (71000430)	Linear motion bearing	LM-16-UU	14	
168	74304021	Stripper bolt	813168a	14	
169	74304009	F.B.guide spring	813163	14	
170	74304012	Collar	813164	14	
171	74305215 (10001103)	Snap ring	STW-28	28	
172	74304006	Roller base	813162	14	
173	74304910	Cap screw	M8 x 55	28	
174	74300518 (10001521)	Spring washer	M8	28	
175	74303623	Roller	803028	14	
176	74305213 (44343106)	Snap ring	STW-16	14	
177	74303734	Cushion	803072	14	
178	74305512	Set screw	M10 x 50	14	
179	74304423 (10001516)	Nut	M10	14	
180	74303929	Stud (A)	813158a	18	
181	74302819 (44028616)	Cap screw	M12 x 30	18	
182	74301615 (44028619)	Spring washer	M12	18	
183	74303926	Cover table	813157b	1	
184	74300606 (44235241)	Cap screw	M8 x 20	5	
185	74300518 (10001521)	Spring washer	M8	5	
186	74303824	CL table	813730	1	

Unit No. 04

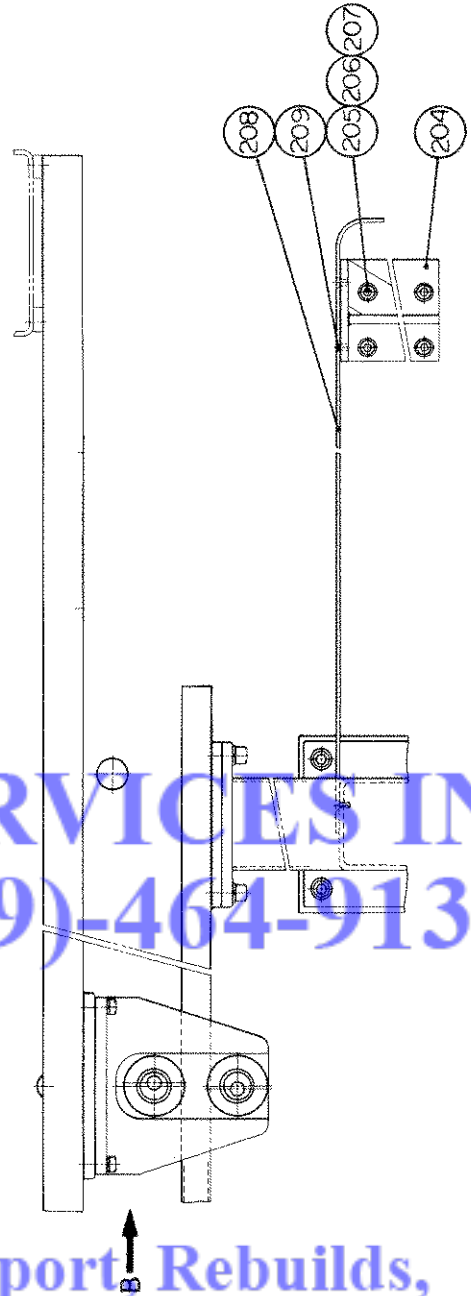
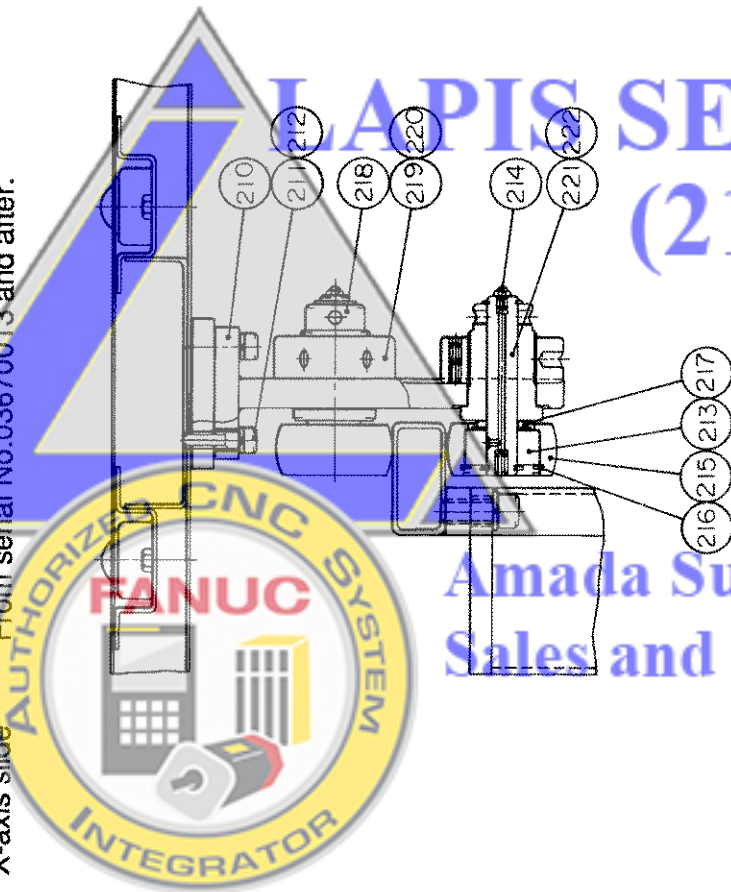
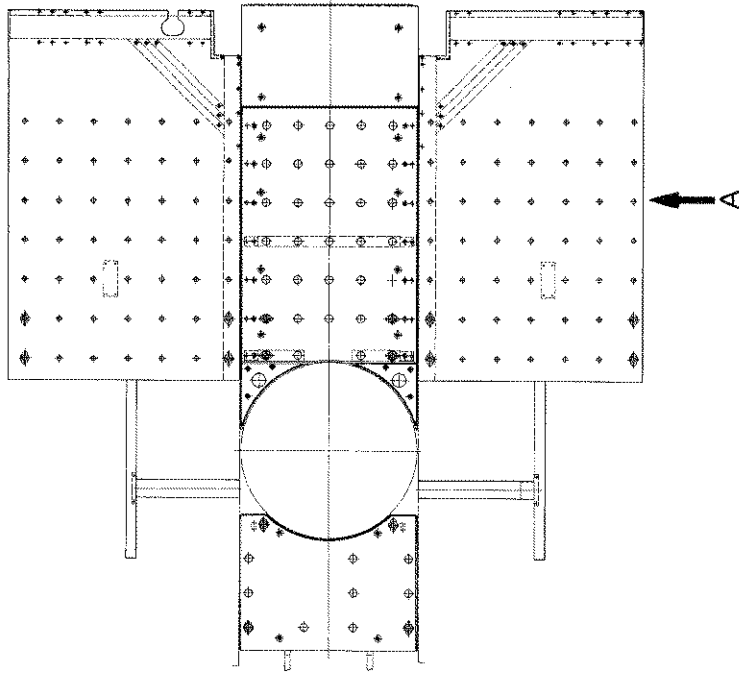
X-axis slide

From serial No.03670013 and after.

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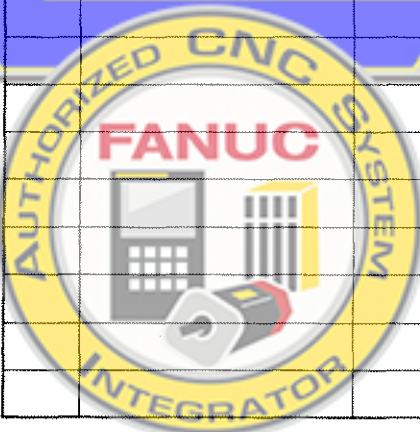
Unit No.04
X-axis slide

From serial No.03670013 and after.



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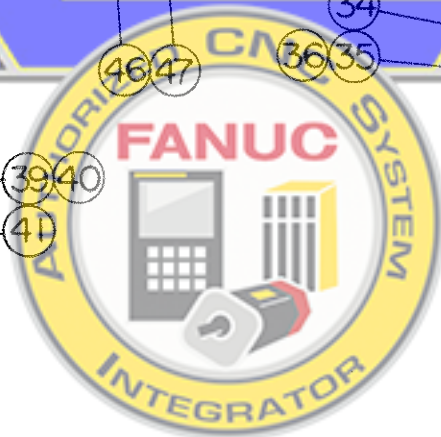
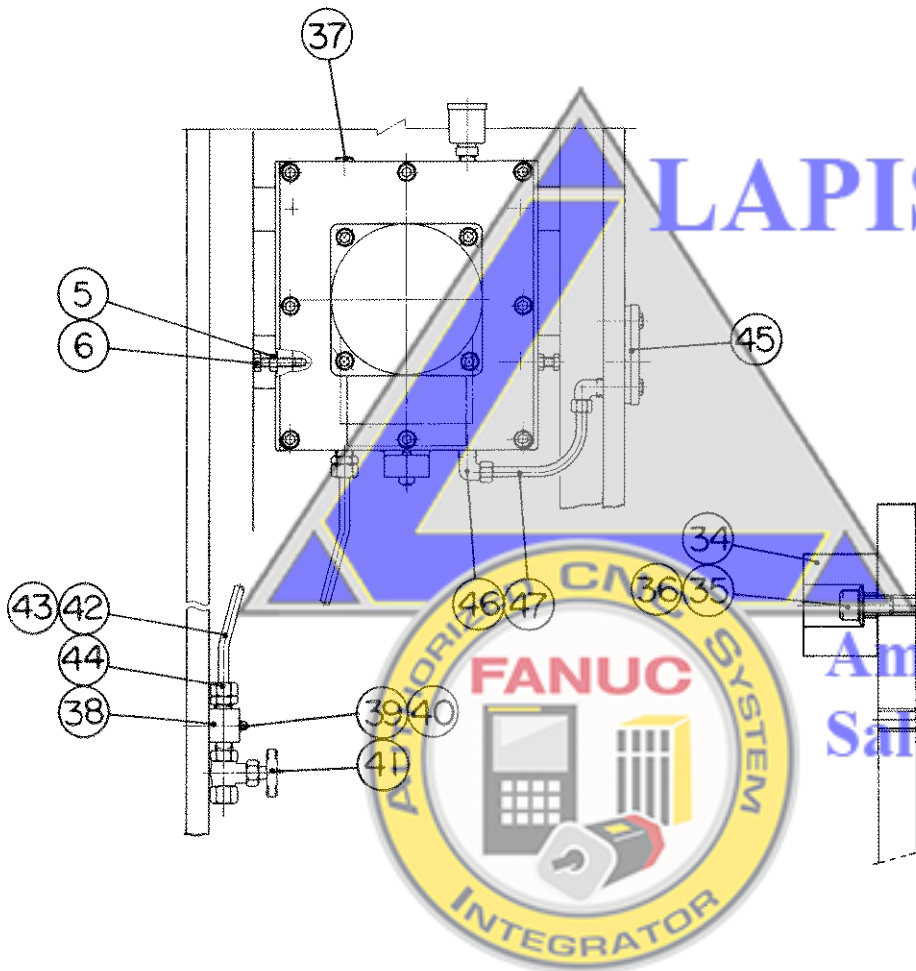
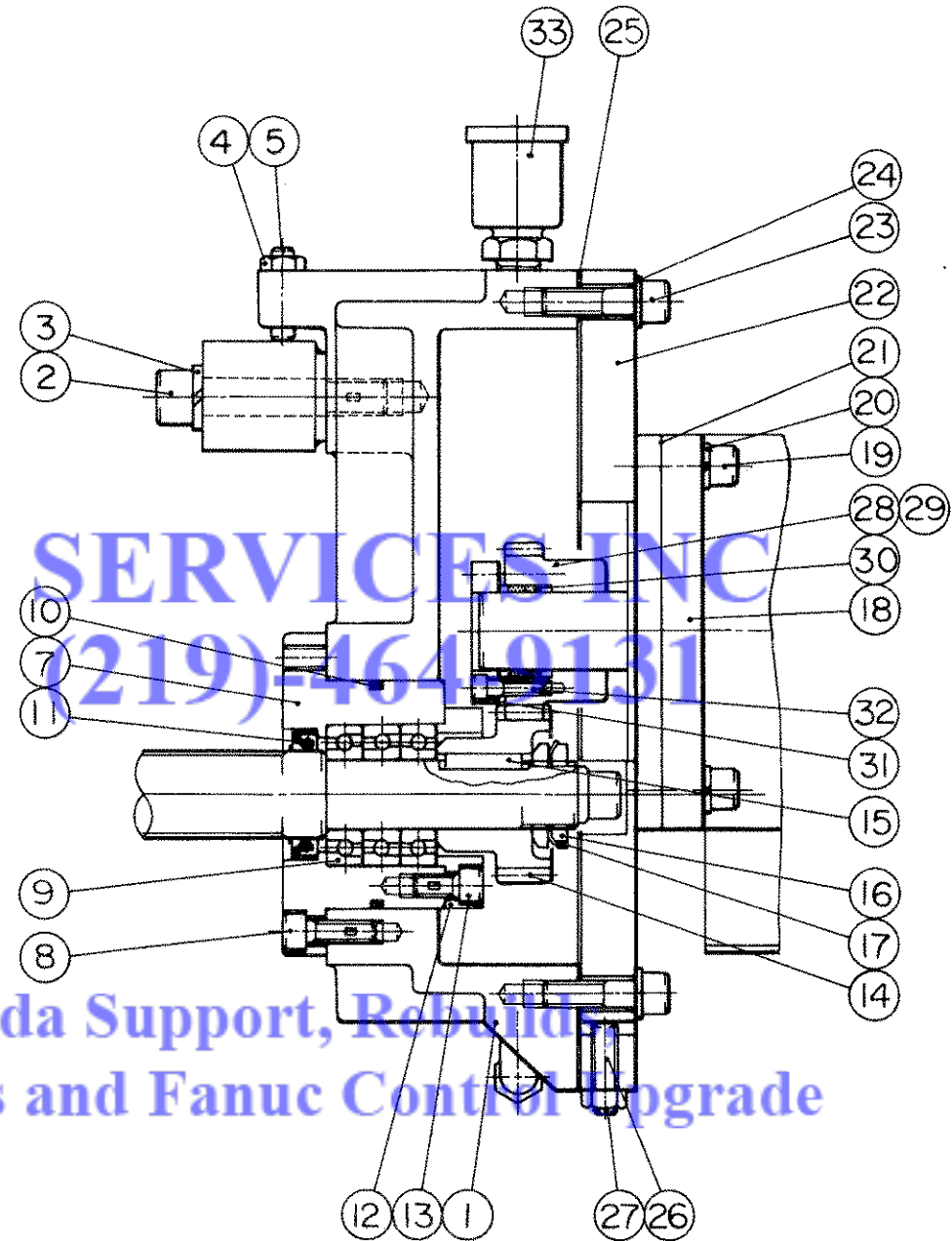
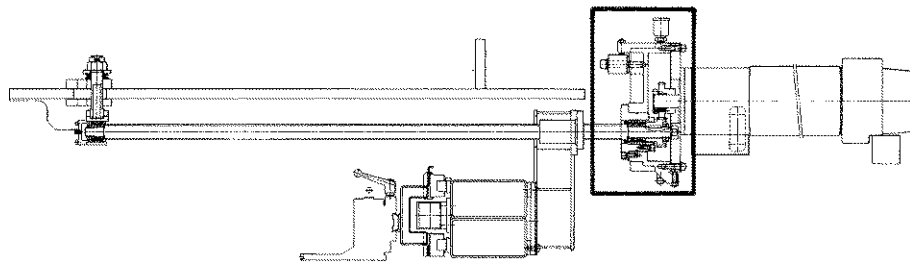
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Amada Support, Rebuilds, Sales and Fanuc Control Upgrade

Unit No.05
Y-axis slide

From serial No.03670013 and after.



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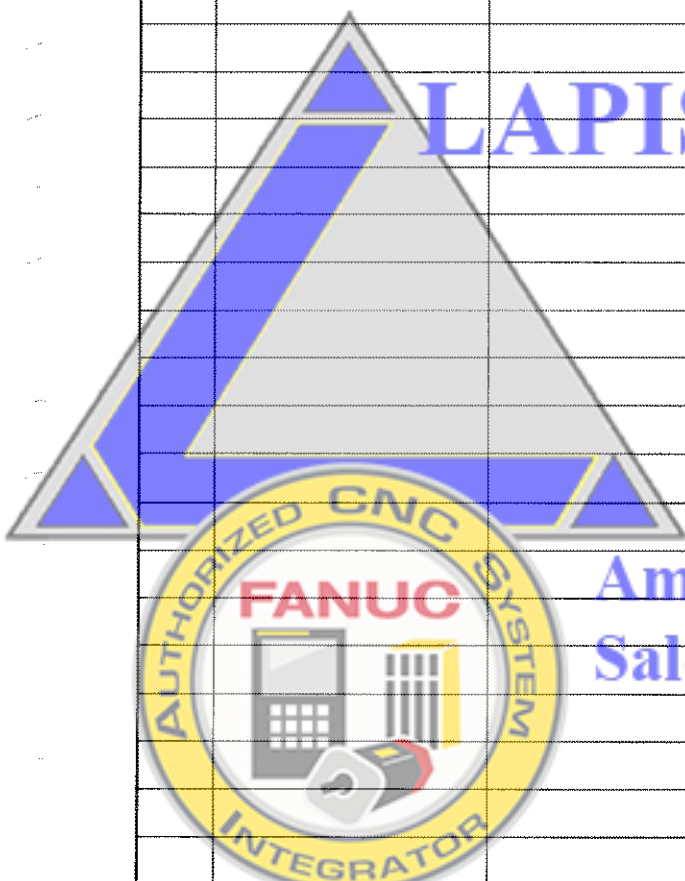
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Sales and Fanuc Control Upgrade

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
1	74304502	Y-axis gear box	815511b	1	
2	74304954	Cap screw	M16 x 85 (unbrako)	4	
3	74302902	Spring washer	M16	4	
4	74305511	Set screw	M10 x 40	2	
5	74304423 (10001516)	Nut	M10	4	
6	74305401 (52111744)	Bolt	M10 x 40	2	
7	74304504	Y-axis bearing housing (A)	815512a	1	
8	74304947	Cap screw	M10 x 30 (unbrako)	4	
9	74304931	Ball bearing set	7206BDFT/GNP4	1	
10	74305203 (52106914)	O-ring	G-95	1	
11	74304920	Oil seal	AB2240G0	1	
12	74304507	Y-axis bearing retainer (A)	815514	1	
13	74304946	Cap screw	M10 x 25 (unbrako)	4	
14	74304511 (74161013)	Y-axis driven gear	815515a	1	
15	74303712	Key	805536b	1	
16	74305002 (58134502)	Crown nut	AN06	2	
17	74305007 (10310733)	Crown washer	AW06	1	
18	74305107	D.C.servomotor	10L	1	
19	74304914	Cap screw	M12 x 55	4	
20	74305533	Seal washer	WF-12	4	
21	74303722	Packing	805560	1	
22	74304524	Motor bracket	815516a	1	
23	74301633	Cap screw	M12 x 50	4	
24	74301615 (44028619)	Spring washer	M12	4	
25	74303723	Packing	815517	1	
26	74305511	Set screw	M10 x 40	1	
27	74304423 (10001516)	Nut	M10	1	
28	74304660 (74161014)	Driven gear	815518	1	
29	74302201	Spacer	805558a	2	
30	74305027 (74161705)	Spann ring	RfN8006 $\Phi 30 \times \Phi 40 \times 7$	2	
31	74304512	Flange	815519	1	
32	74301626 (75168508)	Cap screw	M6 x 25	4	
33	74305405	Oil cup	45 x PS 1/2	1	
34	74303958	Damper (A)	815556	1	
35	74304935 (52102331)	Cap screw	M16 x 25	1	
36	74314206	Washer	M16	1	
37	74305409 (76175414)	Plug	PT 1/2	1	
38	74304802	Oil level gauge block	825515d	1	
39	74304906 (10310362)	Cap screw	M6 x 45	2	
40	74300517 (44027928)	Spring washer	M6	2	

Unit No. 05

Y-axis slide

From serial No.03670013 and after.

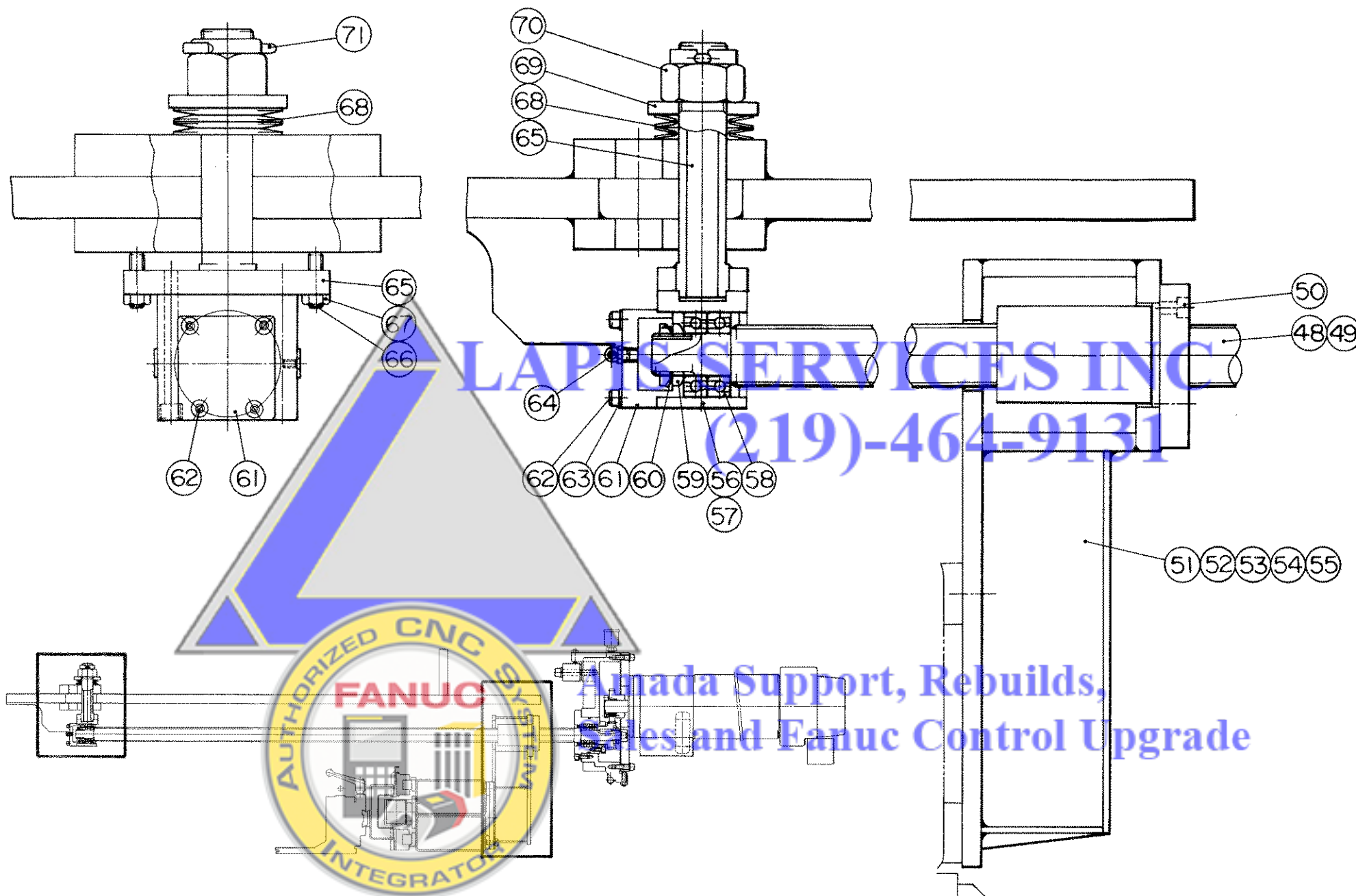
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Unit No.05
Y-axis slide

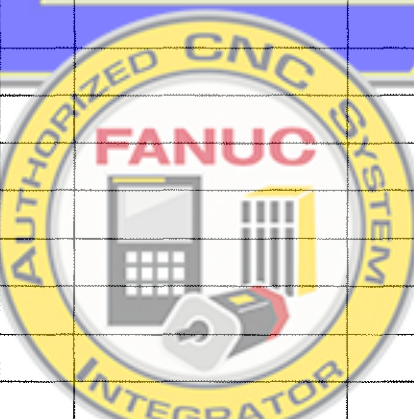
From serial No.03670013 and after.



Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty	Note
48	74303622	Ball screw	7932131a	1	
49	74304826 (71105206)	Grease nipple	A-1/8"	1	
50	74302845	Cap screw	M8 x 25 (unbrako)	4	
51	74304533	Y-axis nut holder (A)	815571	1	
52	74303703 (74165310)	Washer	827014b	4	
53	74302847	Cap screw	M12 x 35 (unbrako)	4	
54	74301615 (44028619)	Spring washer	M12	4	
55	74305325	Dowel pin (with screw)	Φ8mm x 30	2	
56	74304503	Y-axis bearing housing	6012852a	1	
57	74314413 (10310377)	Cap screw	M8 x 100	4	
58	74304932 (58134502)	Ball bearing set	7206 CDB/GNP4	1	
59	74305002 (10310733)	Crown nut	AN06	2	
60	74305007	Crown washer	AW06	1	
61	74304337	Bearing retainer (B)	6012855	1	
62	74304905	Cap screw	M6 x 35	4	
63	74300517 (44027928)	Spring washer	M6	4	
64	74304828 (71105207)	Grease nipple	C-1/8"	1	
65	74304516	Pre-load shaft	6012851	1	
66	74305508	Set screw	M8 x 32	4	
67	74300504 (10001517)	Nut	M8	4	
68	74305428	Cone disk spring	MDS30-1	4	
69	74303701	Washer	805519	1	
70	74305330	Castle nut	M30 type 2	1	
71	74305333	Split pin	Φ6 x 60	1	

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