

b

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

BEDYHE-ZQ-C

PARTS LIST

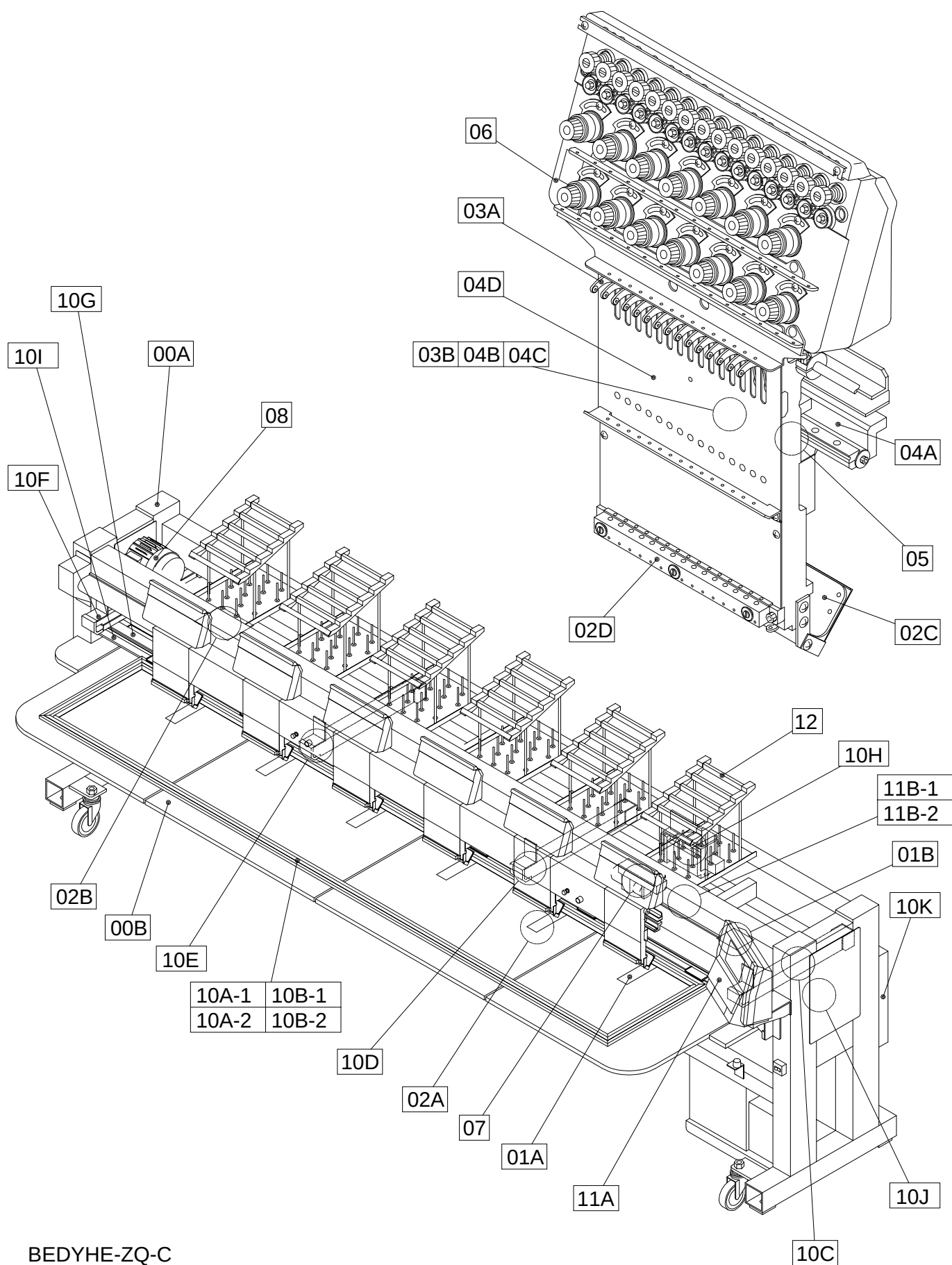
BEDYHE-ZQ-C

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

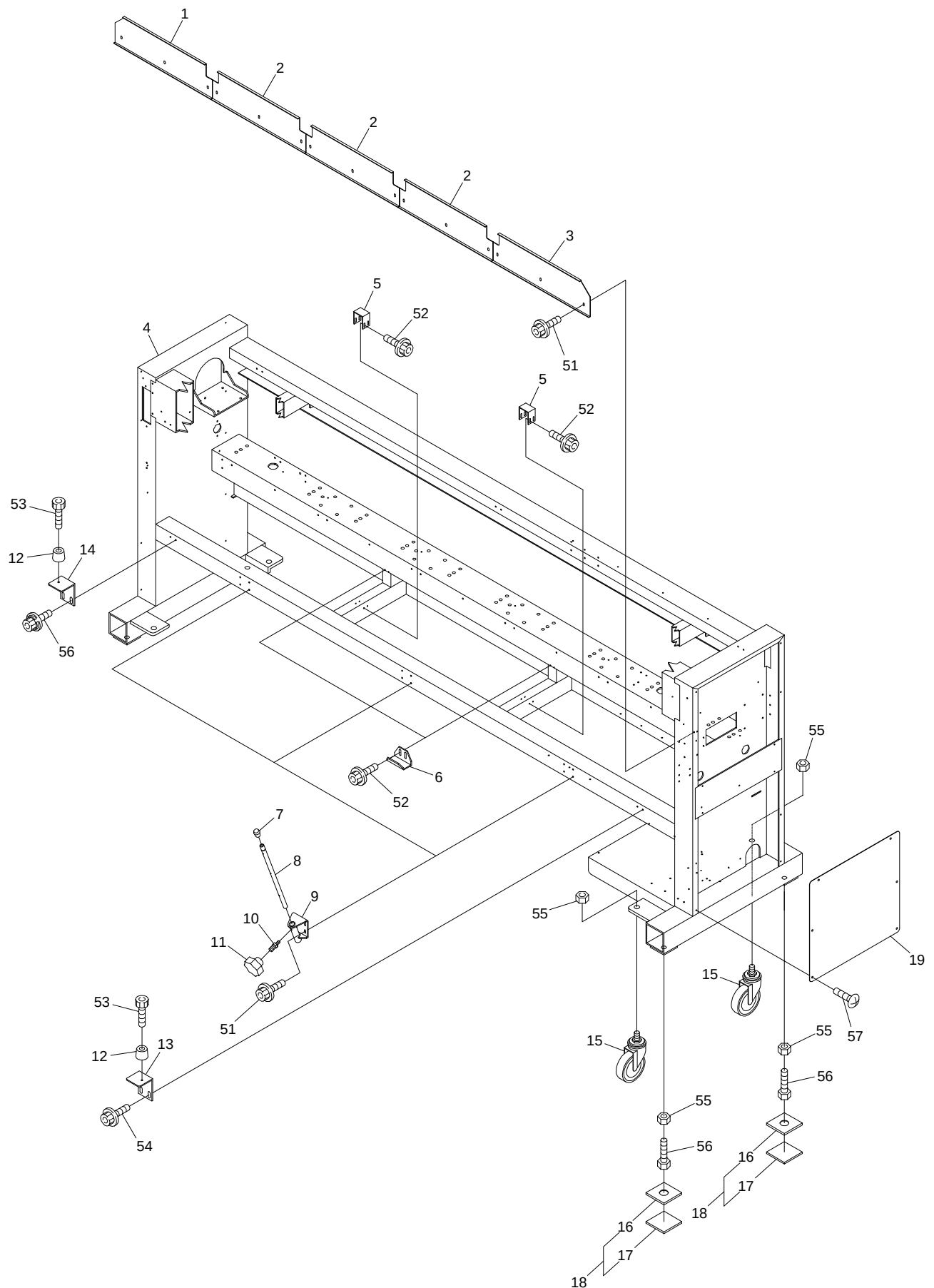
C O N T E N T S

Machine layout (BENYHE-ZQ-C)	07	Color change
00A-1 Table-Frame A (2T/4T)	08-1	Drive (2T/4T)
00A-2 Table Frame A (6T)	08-2	Drive (6T)
00B Table Frame B	10A	Pantograph drive A (QS)
01A Head Bed A	10B	Pantograph drive B (QS)
01B Head Bed B	10C	Pantograph drive C
02A Thread Cut A	10D	Pantograph drive D
02B Thread Cut B	10E	Pantograph drive E
02C Thread Cut C	10F	Pantograph drive F
02D Thread Cut D	10G	Pantograph drive G
03A Take up lever A	10H	Pantograph drive H
03B Take up lever B	10I	Pantograph drive I
04A Needle bar A	10J	Pantograph drive J
04B Needle bar B	10K	Pantograph drive K
04C Needle bar C	11A	Control A
04D Needle bar D	11B-1	Control A (2T/4T)
05 Jump	11B-2	Control B (6T)
06 Thread Guide	12	Accessories

Machine layout (BEDYHE-ZQ-C)



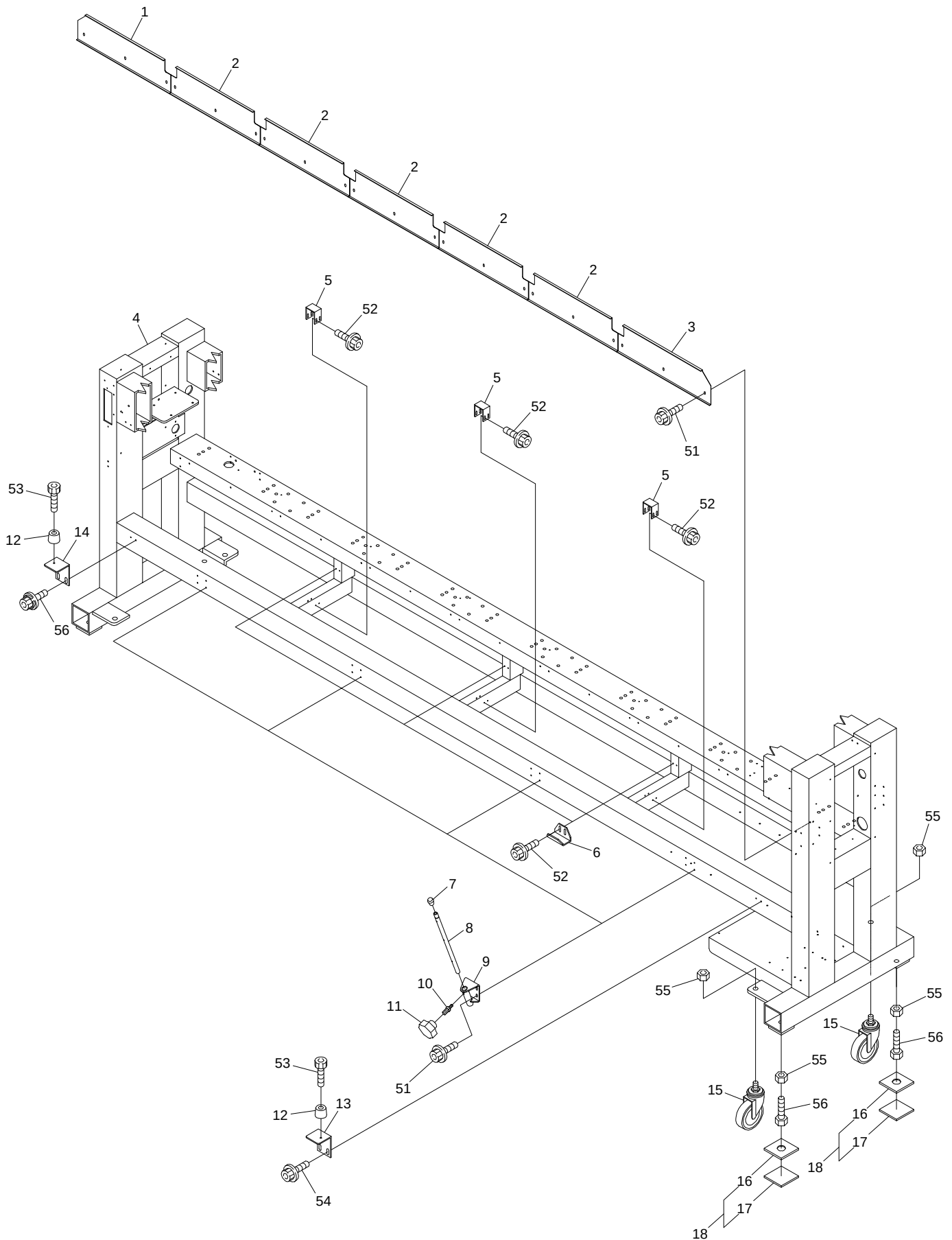
BEDYHE-ZQ-C



BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
 BENBHE-YN-C BENBHE-ZQ-C

00A-1 TABLE - FRAME A

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	SJ140050	Oil store(L) DYHE P=520	1	
2	SJ140060	Oil store(Center) DYHE P=520	1	2T
			3	4T
3	SJ140040	Oil store(R) DYHE P=520	1	
4	SJ160000	Frame a'ssy BEDYHE-ZQ-C02 450×520/520	1	2T
	SJ160010	Frame a'ssy BEDYHE-ZQ-C04 450×520/520	1	4T
5	SC140130	Table bracket	1	2T
			2	4T
6	SC140120	Table stopper	1	2T
			2	4T
7	A9014161	Rubber foot for pipes(C-31-5)	2	2T
			3	4T
8	SC140110	Table stand	2	2T
			3	4T
9	SJ140030	Table stand bracket(DYHE)	2	2T
			3	4T
10	SC140180	Knob bolt	2	2T
			3	4T
11	A9014162	Seven lobe knob(KSF-40-M8)	2	2T
			3	4T
12	A9014163	Color rubber foot(C-30-FRB-3225)	2	
13	SC140160	Support table catch stay(R)	1	
14	SC140170	Support table catch stay(L)	1	
15	A9019049	Caster(SSC-125NU)	4	
16	SC160010	Mount base(Compact machine)	4	
17	SC160020	Vibroisolating pad(Compact machine)	4	
18	SC160030	Mount base a'ssy(Compact machine)	4	
19	SJ160040	Frame under cover(DYHE)	2	
51		Hex.socket flange bolt M6×12(Uni chrome)		
52		Hex.socket flange bolt M5×10(Uni chrome)		
53		Hex.socket bolt M5×15(With adhesive)		
		Black(Screw lock red)		
54		Hex.socket flange bolt M5×12		
55		Hex.nut M20		
56		Hex.bolt M20×75		
57		Truss screw M5×10		

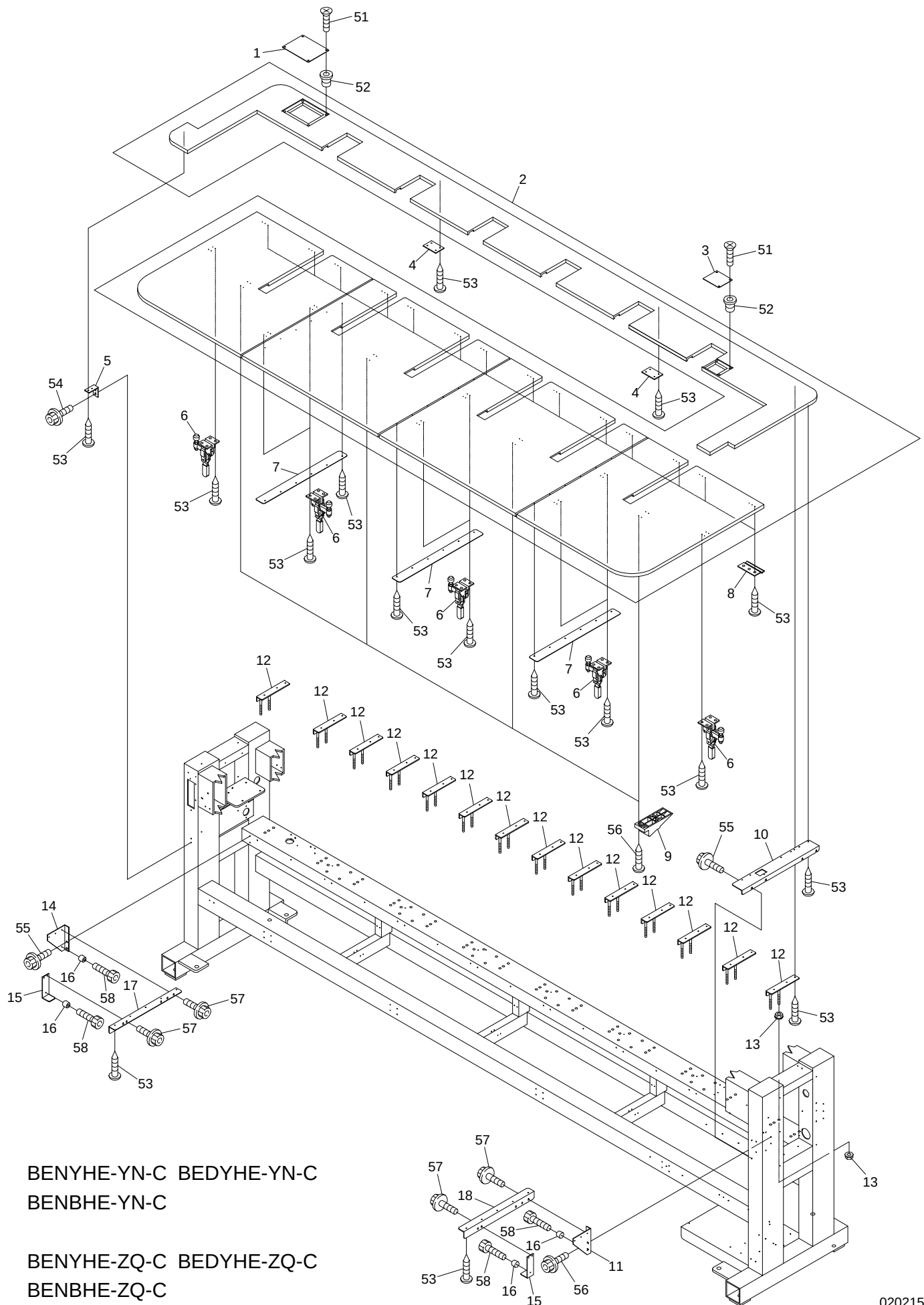


BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
 BENBHE-YN-C BENBHE-ZQ-C

00A-2 TABLE - FRAME A (6T)

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00B Table\Frame B

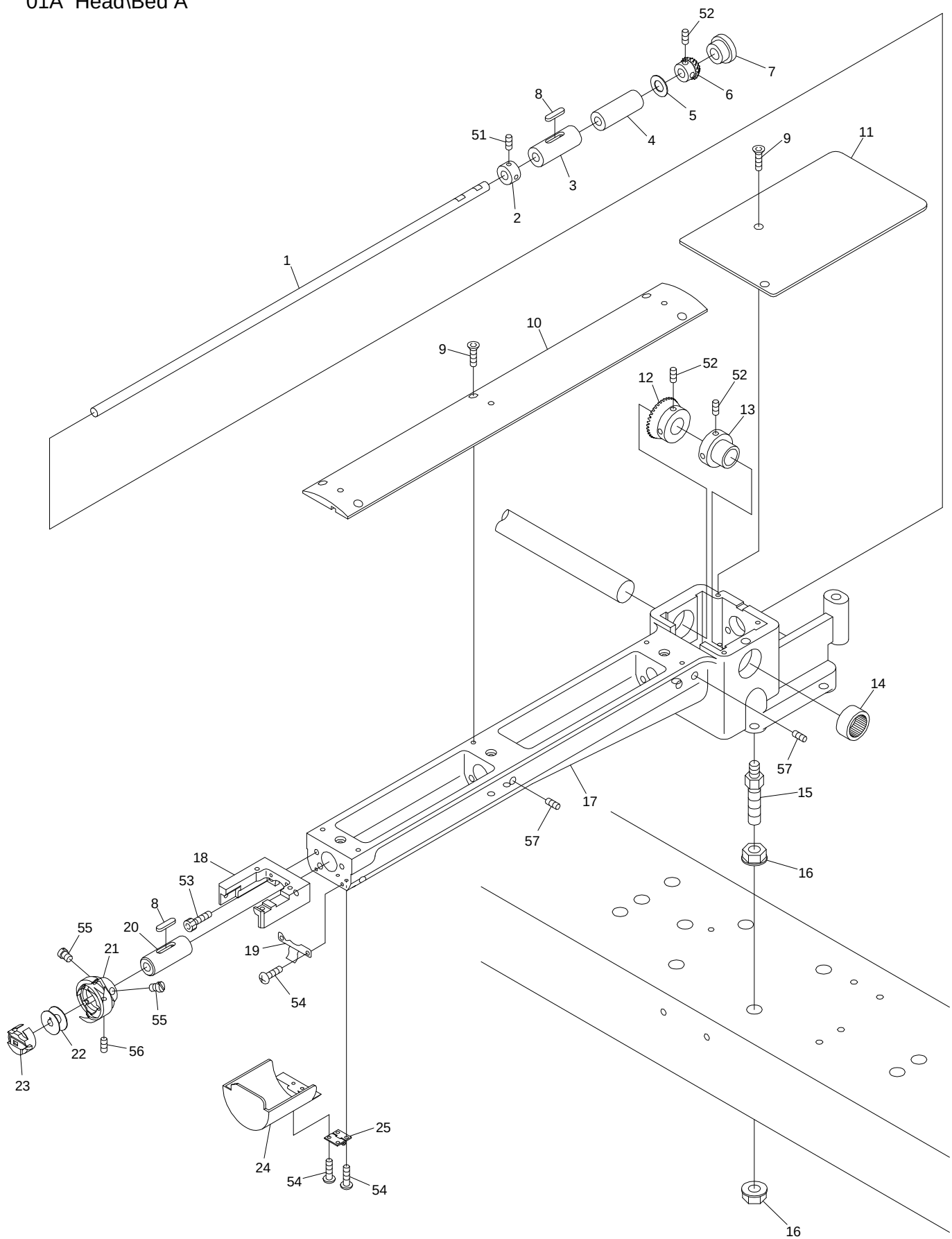


BENYHE-YN-C BEDYHE-YN-C
BENBHE-YN-C

BENYHE-ZQ-C BEDYHE-ZQ-C
BENBHE-ZQ-C

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	SC120030	Thread cut service cover	1	
2	SJ120000	Table BEDYHE-ZQ-C02 450×520/520	1	2T
	SJ120010	Table BEDYHE-ZQ-C04 450×520/520	1	4T
	SJ120030	Table BEDYHE-ZQ-C06 450×520/520	1	6T
3	SC120040	Encoder service cover	1	
4	RQ120080	Jointed plate	2	
5	SC140090	Table support angle	1	
6	A9013070	Toggle clamp(KAKUTA No.40A)	2	2T
			6	4T
			8	6T
7	SC120010	Joint plate	2	4T
			3	6T
8	HM140120	Table stopper(Front)	6	2T
			10	4T
			14	6T
9	SC120020	Table stand stopper	2	2T
			3	4T
			4	6T
10	SJ140020	R-side stand table support(DYHE)	1	
11	SJ140010	LH-table support bracket(DYHE)	1	
12	SC140140	Table support(L=200)	6	2T
			10	4T
			14	6T
13	SC210010	Adjust nut M10	24	2T
			40	4T
			56	6T
14	SJ140000	RH-table support bracket(DYHE)	1	
15	SC140040	Table support stay	2	
16	A9014163	Color rubber foot(C-30-FRB-3225)	4	
17	SC140030	LH-table support	1	
18	SC140020	RH-table support	1	
51		Flush screw(Under cut) M4×8		
52		Rag nut(C) M4		
53		Pierce screw M5×19		
54		Hex.socket flange bolt M6×12		
55		Hex.socket flange bolt M6×12(Uni chrome)		
56		Pierce screw M5×23		
57		Hex.socket flange bolt M5×10(Uni chrome)		
58		Hex.socket bolt M5×15(Black)		

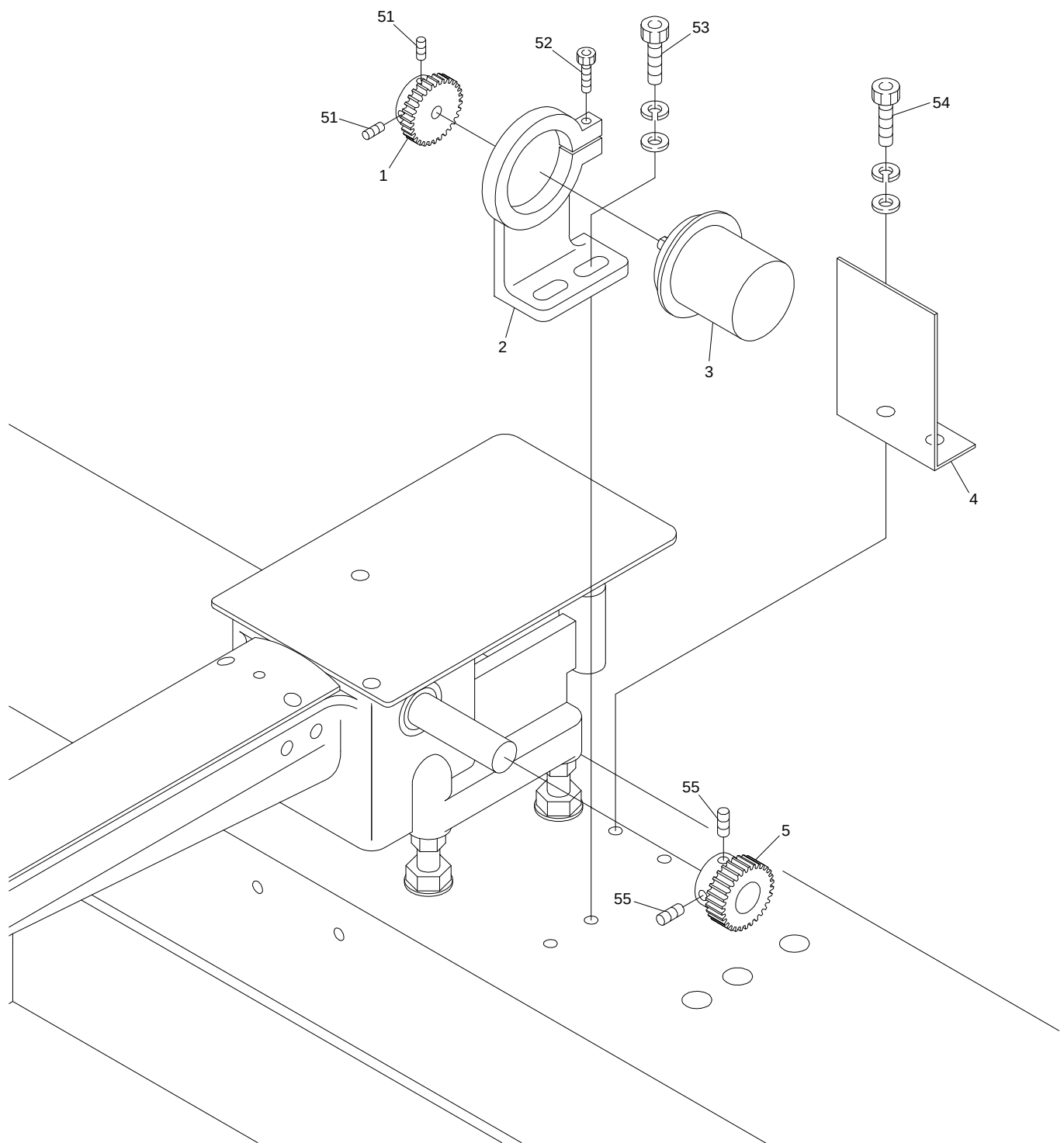
01A Head\Bed A



BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
 BENBHE-YN-C BENBHE-ZQ-C

01A HEAD - BED A

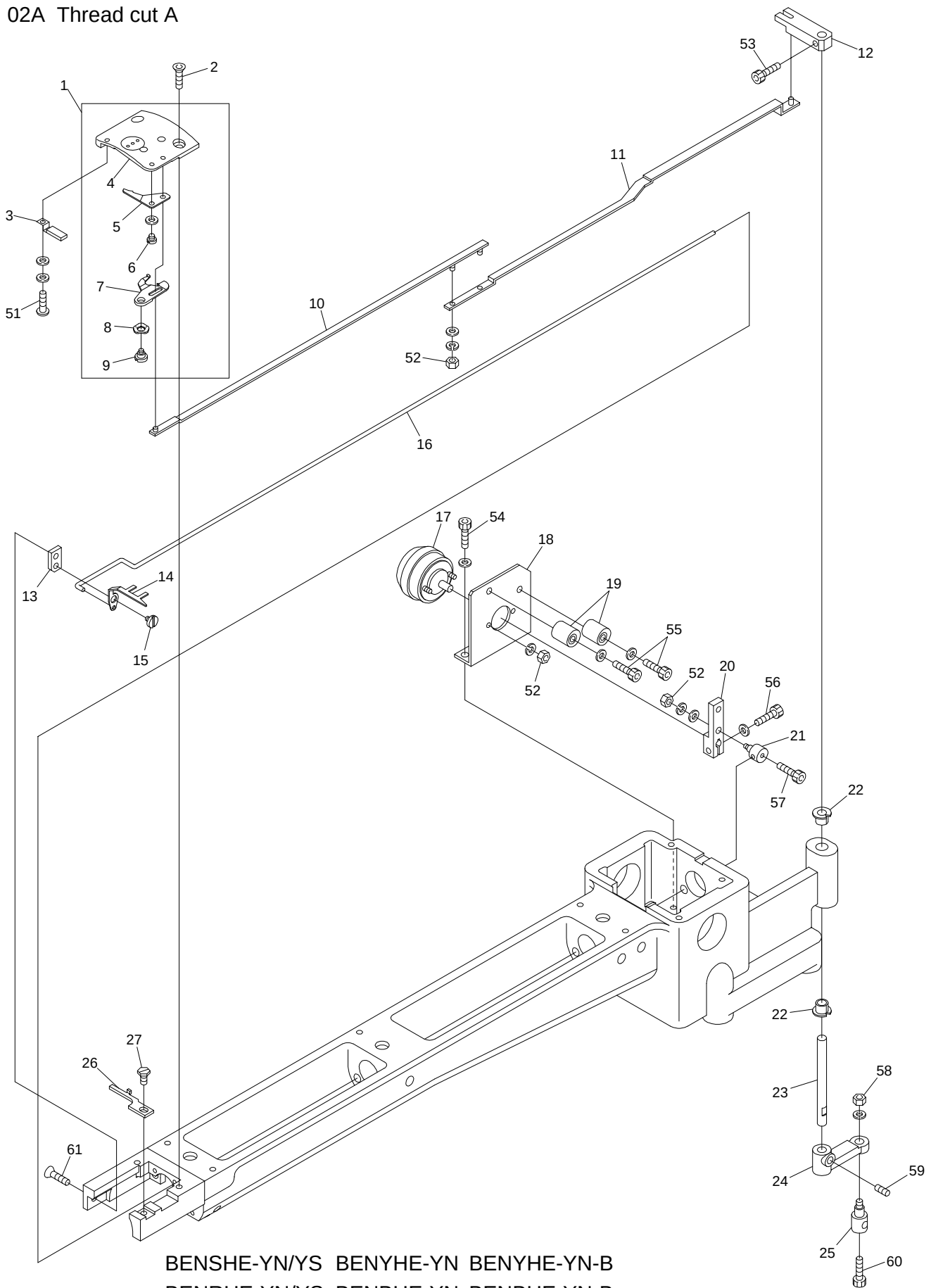
ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	HS210021	Lower shaft	H×1	Small bobbin
	HS210020	Lower shaft	H×1	Middle bobbin
2	KF220290	Lower shaft collar	H×1	
3	KF220230	Lower shaft metal(Front)	H×1	
4	HS220010	Lower shaft metal(Cylinder back side)	H×1	
5	HT220061	Thrust washer (Lower shaft)	H×1	
6	SJ220010	Lower shaft gear(Small gear,Korean)	H×1	
7	A9014059	Gromet MG(MG-1)	H×1	
8	KL220140	Oil felt C(5×25×20)	H×2	
9	KX250080	Throat plate set screw(Hex.socket)	H×7	
10	HS210190	Cylinder bed cover	H×1	
11	HS210042	Bed cover	H×1	
12	SJ320010	Lower shaft gear(Large gear,Korean)	H×1	
13	HP321090	Lower shaft connecting shaft collar	H×1	
14	A9011111	Needle bearing(TLA-2012Z)	H×1	
15	SC210000	Adjust bolt	H×4	
16	SC210010	Adjust nut M10	H×8	
17	SJ210020	Barrel bed DYHE(Small bobbin)	H×1	Small bobbin
	HS210230	Barrel bed R-type(Middle bobbin)	H×1	Middle bobbin
18	SJ210030	Throat plate base DYHE	H×1	
19	KC250482	Barrel bed cover hold spring	H×1	
20	KF220240	Vertical shaft metal(Upper)	H×1	
21	KF220700	Rotating hook HSL-ATR(M1QTS)	H×1	Small bobbin
	KF221040	Middle bobbin for automatic feed oil HSM-A(MQ2L)	H×1	Middle bobbin
22	KF220530	Bobbin	H×1	Small bobbin
	KF220421	Bobbin (HSM)(DBM)(For aluminum,middle bobbin)	H×1	Middle bobbin
23	KF221020	Bobbin case(4B19-S6-BA)	H×1	Small bobbin
	KF220302	Bobbin case BC-DBM(Z2)-NBL5 middle bobbin	H×1	Middle bobbin
24	HS210031	Barrel bed cover(Short type)	H×1	
25	A9012027	Hinge(TH-TN-72)	H×1	
51		Hex.socket set screw SM1/4 40×4		
52		Hex.socket set screw M5×6		
53		Hex.socket bolt M5×15		
54		Pan screw M3×6		
55		Screw(SM11/64 40×5)		
56		Set screw(SM11/64 40×5)		



BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
 BENBHE-YN-C BENBHE-ZQ-C

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02A Thread cut A



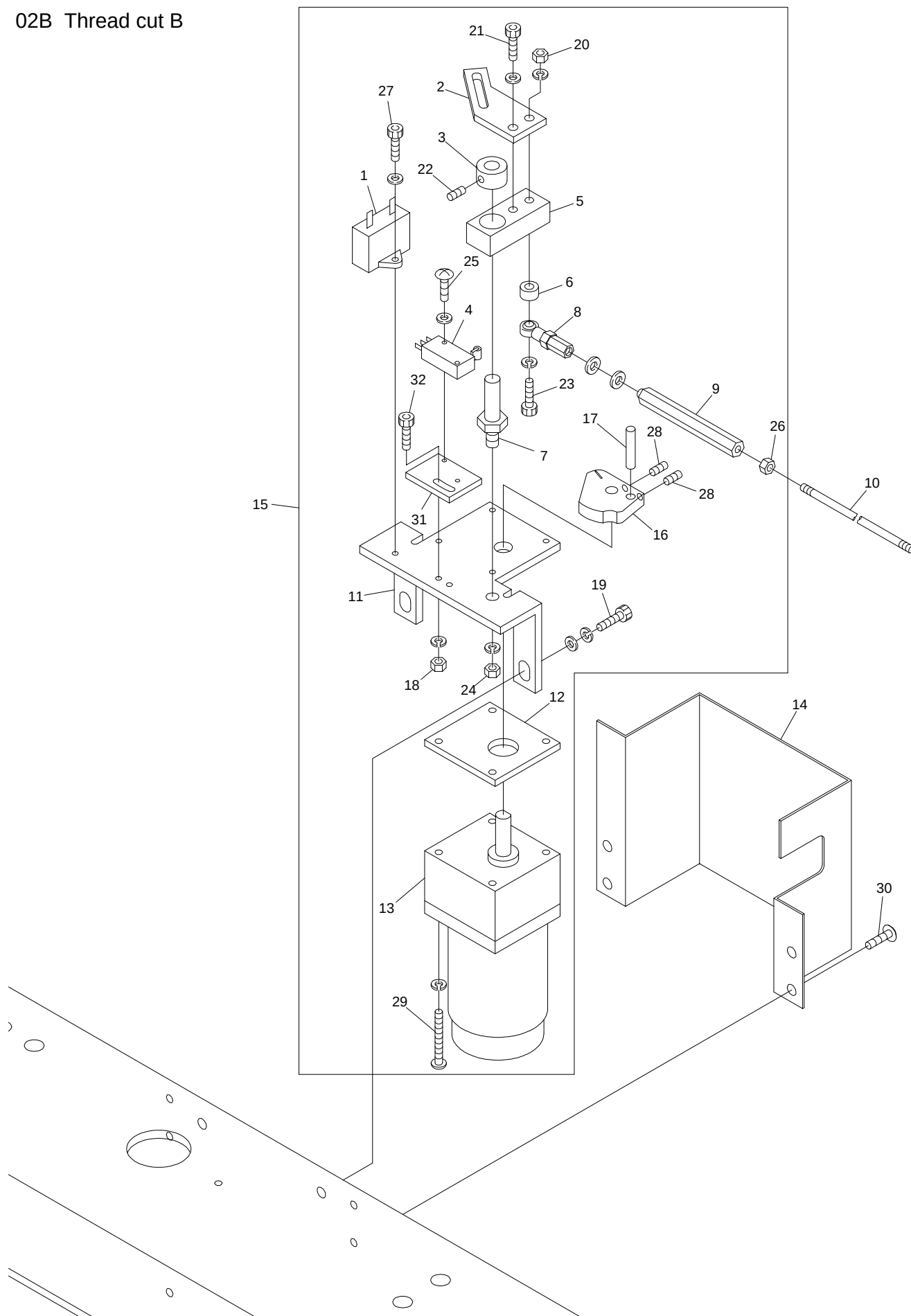
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BENRHE-YN/YS BENBHE-YN BENBHE-YN-B

BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ BENYHE-ZQ-B BENYHE-ZQ-C BEDYHE-ZQ-C
BENBHE-YN-C BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

02A THREAD CUT A

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	KX270283	Cylinder throat plate(Short type) a'ssy	H×1	
2	KX250080	Throat plate set screw(Hex.socket)	H×2	
3	HT270181	Lower thread support stay(Cylinder) CMP	H×1	
4	KX270023	Cylinder throat plate(Short type)	H×1	
5	KN270961	Fixed knife	H×1	
6	KX270010	Fixed knife set screw	H×1	
7	KN270952	Drive knife	H×1	
8	A9013066	Wave washer(WW5)(SK)	H×1	
9	KN272010	Lower thread knife rotary shaft	H×1	
10	HS210111	Lower thread knife drive rod A	H×1	
11	HS210121	Lower thread knife drive rod B	H×1	
12	HS210100	Lower thread knife drive lever upper	H×1	
13	HS210051	Hook fixed stay(Short type)	H×1	
14	HS210300	Hook(Cylinder MK5)	H×1	
	HS210142	Hook(For middle bobbin)	H×1	
15	KC271001	Upper thread knife rotary shaft	H×1	
16	HS210070	Hook drive rod	H×1	
17	A9056030	Rotary solenoid 3ER25-35×3×8×9 M960371R(ETL)	H×1	
18	SJ210040	Solenoid stay(Short small bobbin)	H×1	
	HS210060	Solenoid stay(For middle bobbin)	H×1	
19	KN272401	Stopper eccentric	H×2	
20	KC271940	Soleroid lever A	H×1	
21	HS210080	Connecting clamp	H×1	
22	A9011173	DU bush with flange(MB0606-12FDU)	H×2	
23	HS210090	Knife lever rotary shaft	H×1	
24	KN271560	Knife lever	H×1	
25	MT272500	Connecting bar clamp	H×1	NSHE/NRHE
	HM270000	Connecting bar clamp	H×1	Except for NSHE/NRHE
26	KX270000	Rotating hook bobbin case holder position bracket	H×1 H×1	
27	KX270430	Screw(Cylinder)	H×1	
51		Pan screw M3×3		
52		Hex.nut M3		
53		Hex.socket bolt M4×6		
54		Hex.socket bolt M4×8(With plain washer)		
55		Hex.socket bolt M4×18		
56		Hex.socket bolt M4×10		
57		Hex.socket bolt M3×5		
58		Hex.nut M4		
59		Hex.socket set screw M5×6		
60		Hex.socket bolt M4×8		
61		Hex.socket flush screw M4×6		

02B Thread cut B

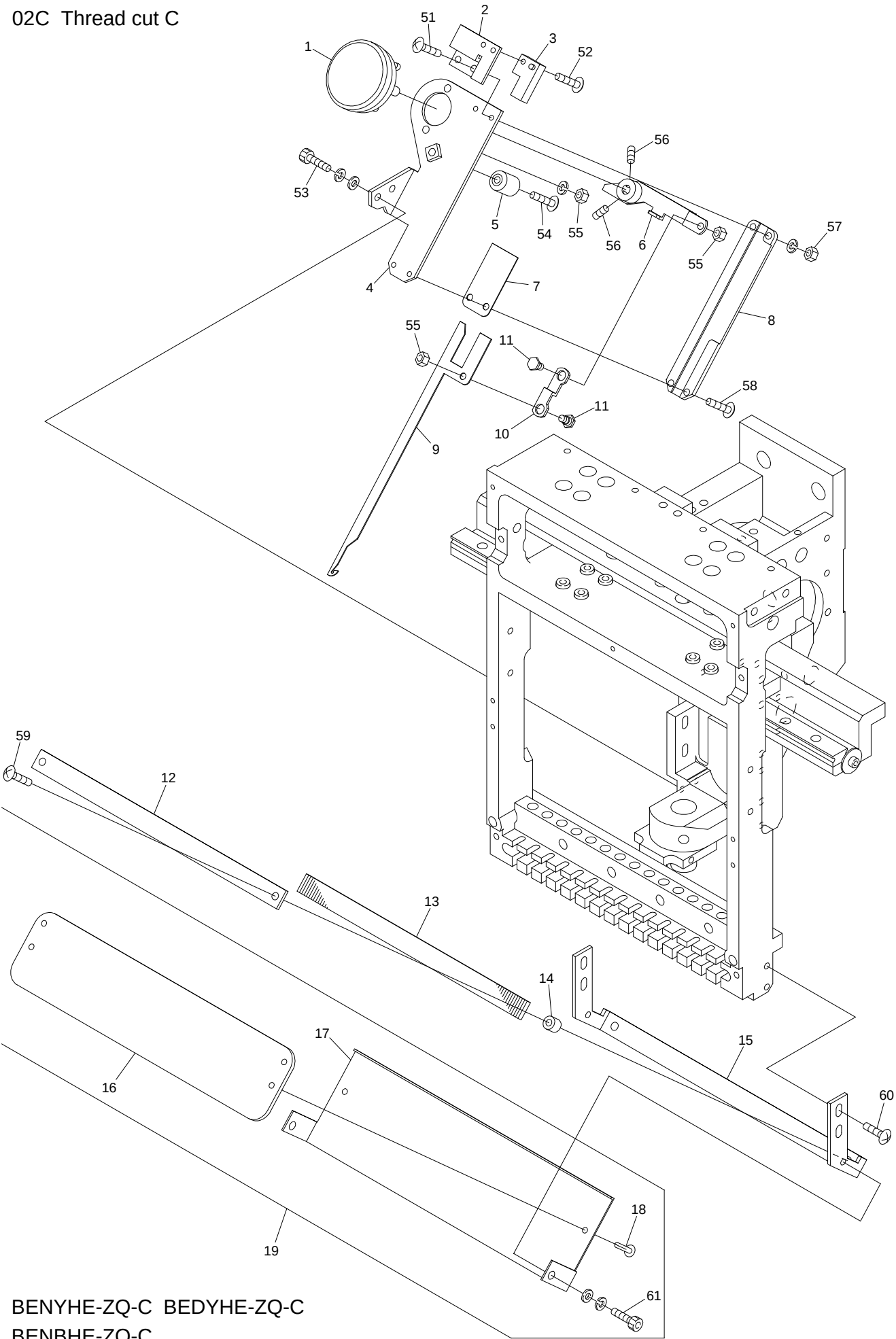


BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
 BENBHE-YN-C BENBHE-ZQ-C

02B THREAD CUT B

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	A9054040	Condenser(6μF-200V)	1	
2	HS270030	Motor cam lever	1	
3	KC330180	Collar 10	1	
4	A9052078	Micro switch(D2VW-01L2A-1)	1	
5	KN271782	Drive lever	1	
6	HM270010	Motor lever collar	1	
7	KN271750	Motor lever rotary shaft	1	
8	A9012002	Uniball joint(PR-6)	1	
9	KC330510	Hex.connecting rod(Large)	1	
10	KC330410	Lock connecting rod(2M)	1	
11	SC270000	Thread cutter motor bracket	1	
12	KC271430	Motor spacer	1	
13	A9065088	Reversible motor RM-H6A8PE-AAR325 6RH-D36X115(ETL)	1	
14	SC250020	Thread cutter central drive cover	1	NYHE
	SJ250050	Thread cutter central drive cover(DYHE)	1	DYHE
15	HS270110	Thread cutter drive a'ssy(Compact machine) ETL-HE-BMK5	1set	
16	HN270010	Drive cam(Bridge cylinder)	1	
17	KN272350	Drive pin	1	
18		Hex.nut M3		
19		Hex.socket bolt M8×20		
20		Hex.nut M6		
21		Hex.socket bolt M6×12		
22		Hex.socket set screw M5×6		
23		Hex.socket bolt M6×55		
24		Hex.nut M8		
25		Truss screw M3×15,M3×20		
26		Hex.nut M5		
27		Hex.socket bolt M4×10		
28		Hex.socket set screw M5×6		
29		Pan screw M5×65		
30		Truss screw M6×10		
31	HS270070	Switch fixed bracket(Cylinder)		
32		Hex.socket bolt M4×12		
	A9053082	Thread cutter motor cable 0.75×6×4M	1	

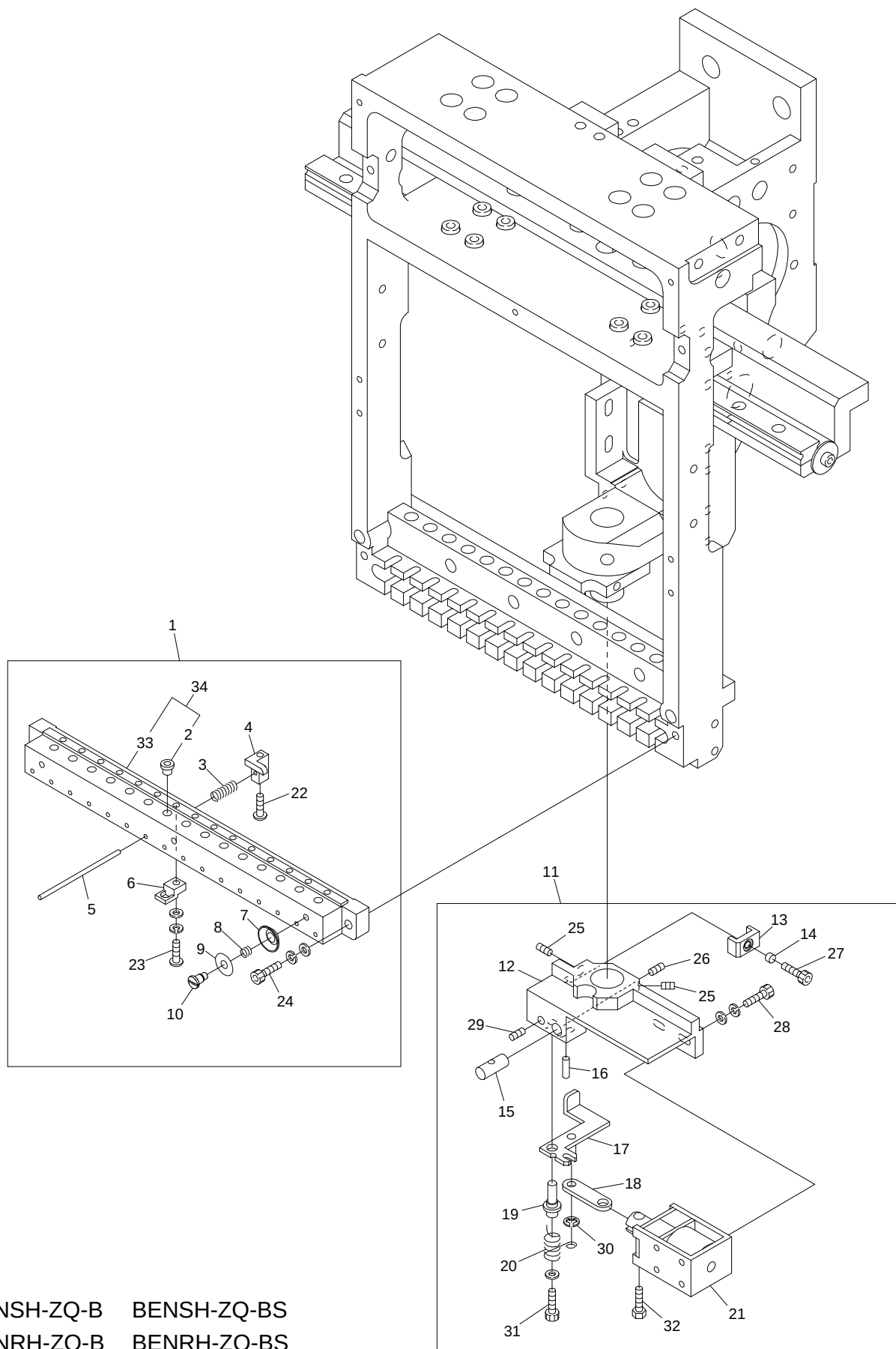
02C Thread cut C



BENYHE-ZQ-C BEDYHE-ZQ-C
BENBHE-ZQ-C

02C THREAD CUT C

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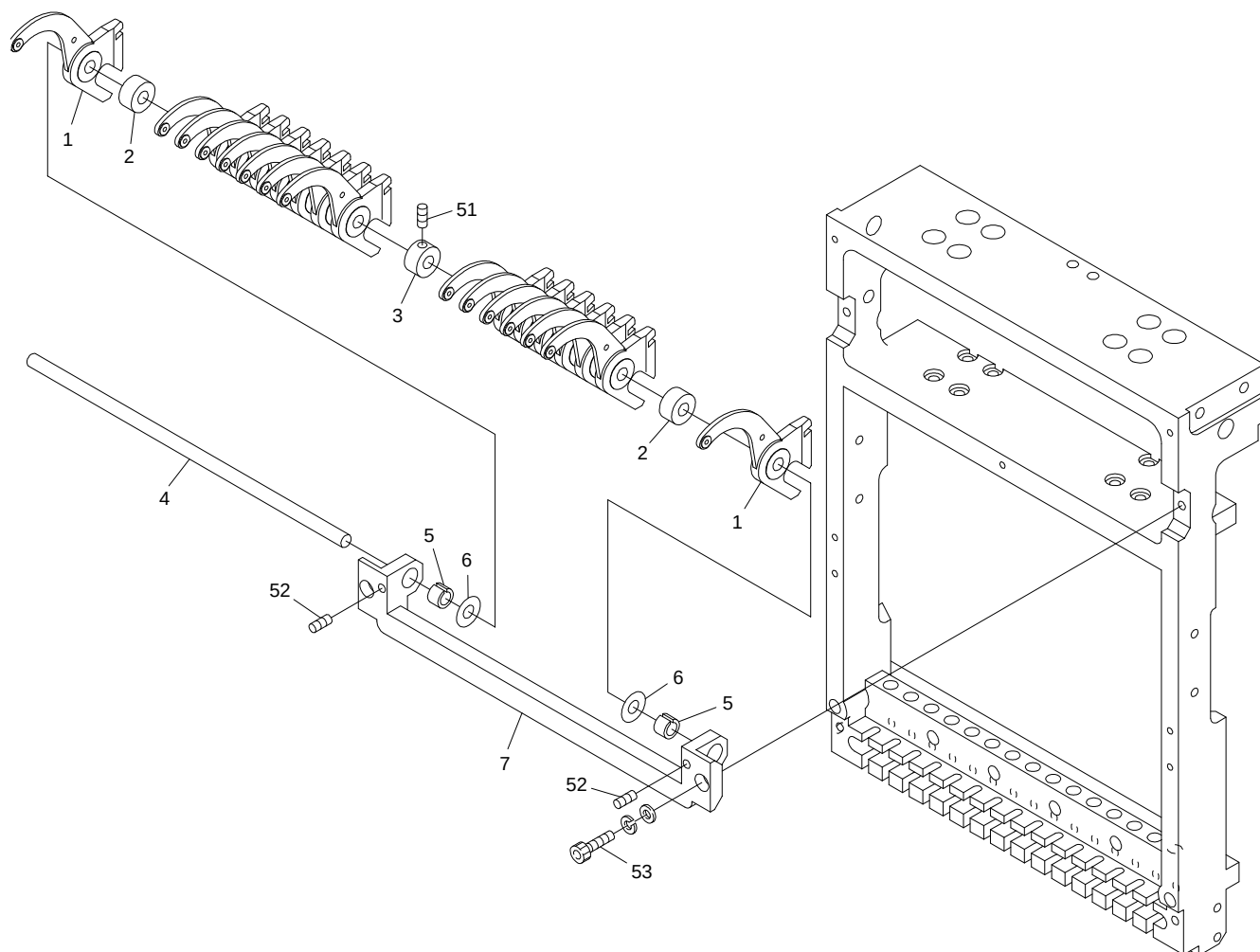
BENSH-ZQ-B BENSH-ZQ-BS
BENRH-ZQ-B BENRH-ZQ-BS

BEDSH-ZQ-BS BENYH-ZQ-A BENYHE-ZQ BENYHE-ZQ-B BENYHE-ZQ-C BEDYHE-ZQ-C
BENBH-ZQ-A BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

02D THREAD CUT D

[illegible]

03A Take up lever A



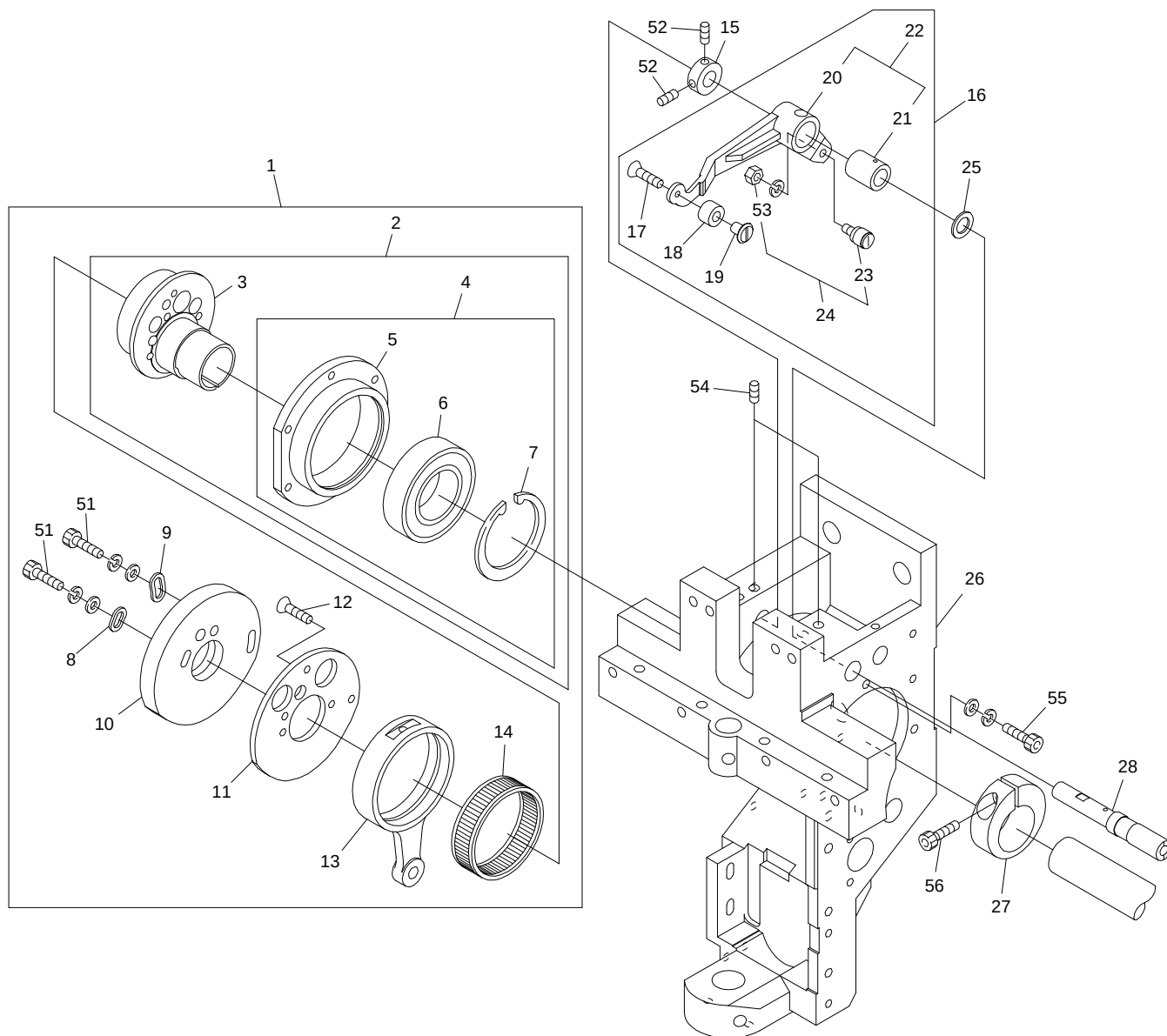
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BENRH-ZQ-B BENRH-ZQ-BS

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BENBH-ZQ-A BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

03A TAKE UP LEVER A

[illegible]

03B Take up lever B



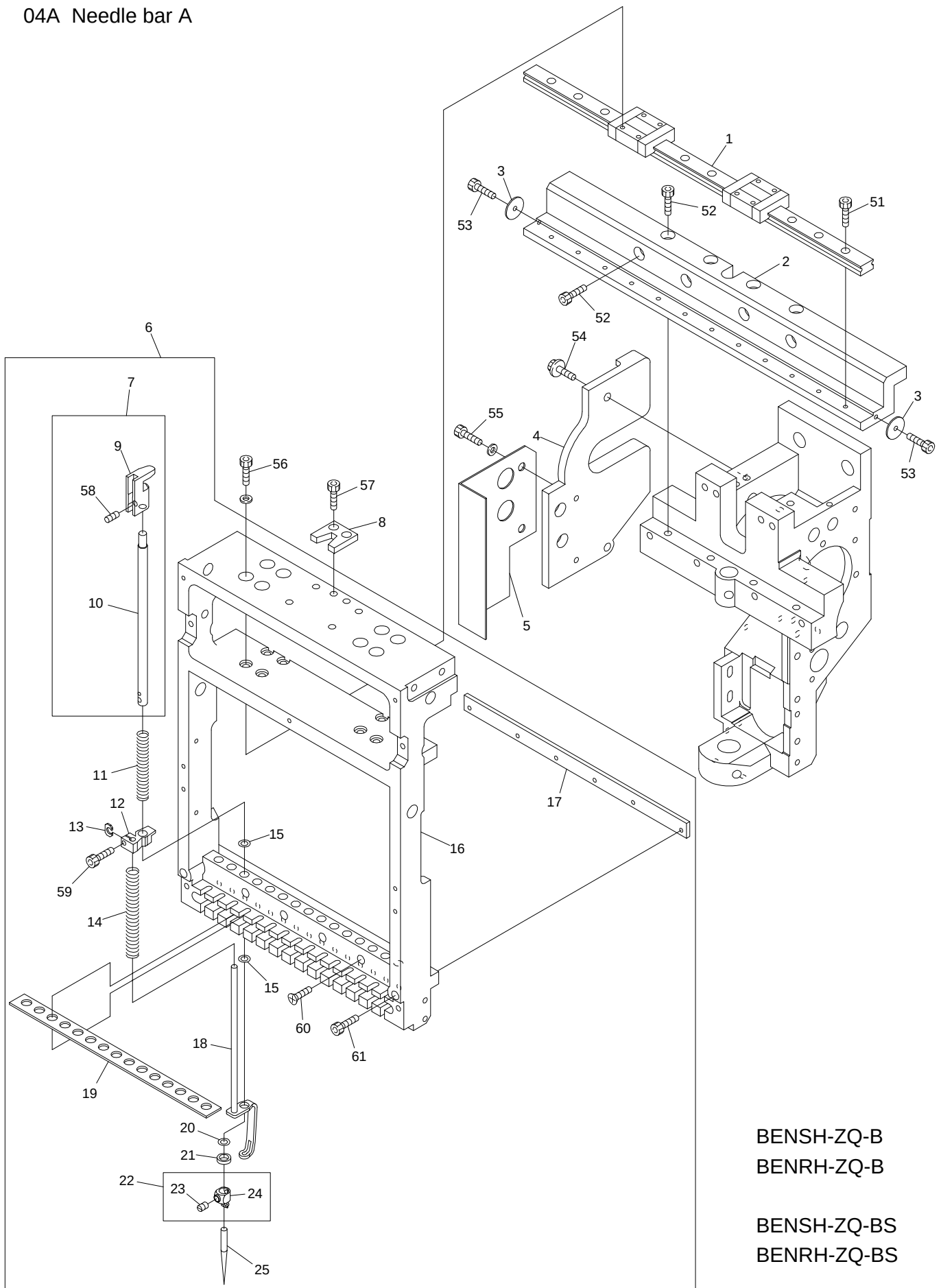
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BENRH-ZQ-B BENRH-ZQ-BS

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BENBH-ZQ-A BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

03B TAKE UP LEVER B

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	RN230000	Take up lever Needle bar drive a'ssy	H×1	Small bobbin
	RN230061	Take up lever Needle bar drive a'ssy middle bobbin	H×1	Middle bobbin
2	RN230010	Needle bar driving cam a'ssy	H×1	
3	RN230020	Needle bar driving cam(Eccentric 9.2-Ø20)	H×1	
4	RN230030	Bearing case a'ssy	H×1	
5	RN230040	Bearing case	H×1	
6	A9010073	Ball bearing(6005ZZ)	H×1	
7	A9012421	C-ring for hole Ø47	H×1	
8	HB230070	Washer for cam(1)	H×1	
9	HB230080	Washer for cam(2)	H×1	
10	RH230290	Take up lever cam H6 (Ø20)	H×1	Small bobbin
	RN230071	Take up lever cam J2(Ø20)	H×1	Middle bobbin
11	RH230300	Take up lever cam base	H×1	
12	HB230620	Flush screw	H×3	
13	RH230280	Needle bar crank rod	H×1	
14	RH230271	Needle bearing	H×1	
15	HB230800	Driving shaft set collar	H×1	
16	RV230070	Take up lever driving lever a'ssy	H×1	
17	HB230650	Flush screw (With adhesion)	H×1	
18	RV230060	Take up lever driving roller	H×1	
19	RD230130	Take up lever driving roller shaft	H×1	
20	RH230311	Take up lever driving lever	H×1	
21	RH230810	Take up lever metal	H×1	
22	RH230801	Take up lever driving lever(Metal)	H×1	
23	KF230680	Cam followers(KR×4×7.9×15-1P×1)	H×1	
24	KF230501	Take up lever roller a'ssy	H×1	
25	RH230610	Thrust washer	H×1	
26	RV210000	Arm	H×1	
27	RH230330	Needle bar driving cam set collar	H×1	
28	RH230320	Take up lever driving lever fixing pin	H×1	
51		Hex.socket bolt M4×8		
52		Hex.socket set screw M4×4(With adhesion)		
53		Hex.nut M4(With spring washer)		
54		Hex.socket set screw M5×10		
55		Hex.socket bolt M4×15(With washers)		
56		Hex.socket bolt M5×18		

04A Needle bar A



BENSH-ZQ-B
BENRH-ZQ-B

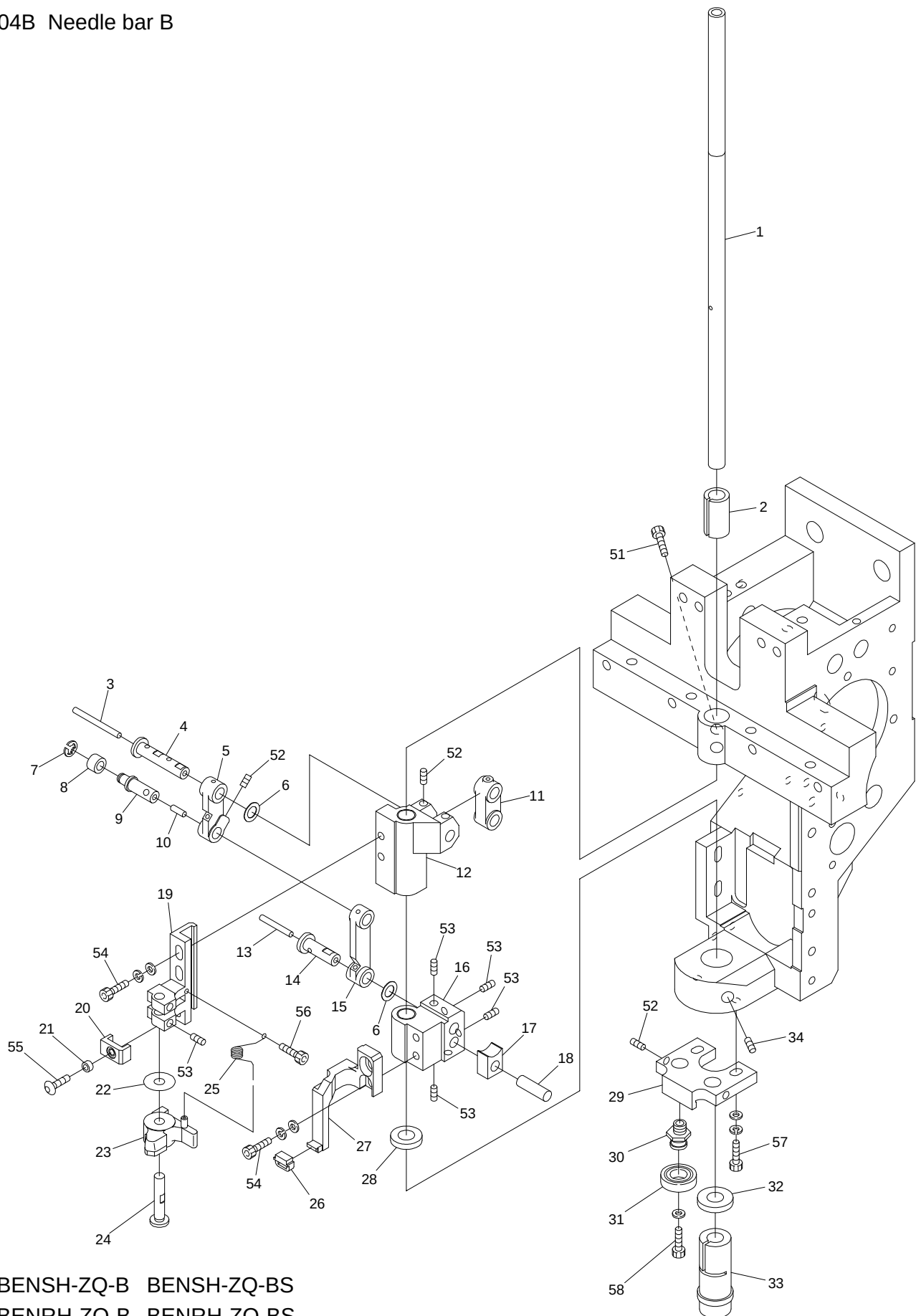
BENSH-ZQ-BS
BENRH-ZQ-BS

BEDSH-ZQ-BS BENYH-ZQ-A BENYHE-ZQ BENYHE-ZQ-B BENYHE-ZQ-C BEDYHE-ZQ-C
BENBH-ZQ-A BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

04A NEEDLE BAR A

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	RD230020	LM guide	H×1	
2	RD230031	Base plate(BEMAX)	H×1	
3	KX230192	LM stopper	H×2	
4	RD230180	Arm support fixing bracket	H×1	
5	RV250060	Head side cover(Left)	1	Last head,DSH
	RD250080	Head side cover(Left)	1	Last head,Except for DSH
6	RV230120	Slide block a'ssy(ZQ5)	H-1	Except for first head
	RV230040	Slide block a'ssy(ZQ5) Color change	1	First head
7	RD230480	Needle bar a'ssy	H×15	
8	RD230170	Slide block fixing plate	H×1	
9	RD230490	Needle bar guide	H×15	
10	RH230410	Needle bar	H×15	
11	KV230040	Needle bar spring(Upper,for thick type)	H×15	
12	HT230330	Cloth hold set clamp	H×15	
13	HT230263	Washer for set clamp	H×15	
14	KX230251	Needle bar spring lower(ZN) Plating	H×15	
15	KF230920	O-ring(Large)	H×30	
16	RV230010	Slide block(ZQ5)	H-1	Except for first head
	RV230130	Slide block(ZQ5) Color change	1	First head
17	RD230060	Bearing plate	H×1	
18	RD230370	Cloth hold(ZQ4)	H×15	
19	RV230030	Needle bar felt(ZQ5)	H×1	
20	KF230910	O-ring(AN6227-5)	H×15	
21	HT230120	Washer 2.4	H×15	
22	RH230440	Needle clamp(With hook,set screw)	H×15	
23	RH230460	Needle clamp screw	H×15	
24	RH230450	Needle clamp(With hook)	H×15	
25	FN070011SNY	Needle(DBXK5-NY11S)	H×15	
51		Hex.socket bolt M3×8		
52		Hex.socket bolt M5×15		
53		Hex.socket button bolt M3×6		
54		Hex.socket flange bolt M4×12		
55		Hex.socket bolt M4×10(With plain washer)		Last head
56		Hex.socket bolt M3×8(With plain washer)		
57		Hex.socket flush screw M5×20		
58		Hex.socket double point screw M4×4		
59		Hex.socket bolt M3×8		
60		Hex.socket flush screw M3×25		
61		Hex.socket bolt M3×25		

04B Needle bar B



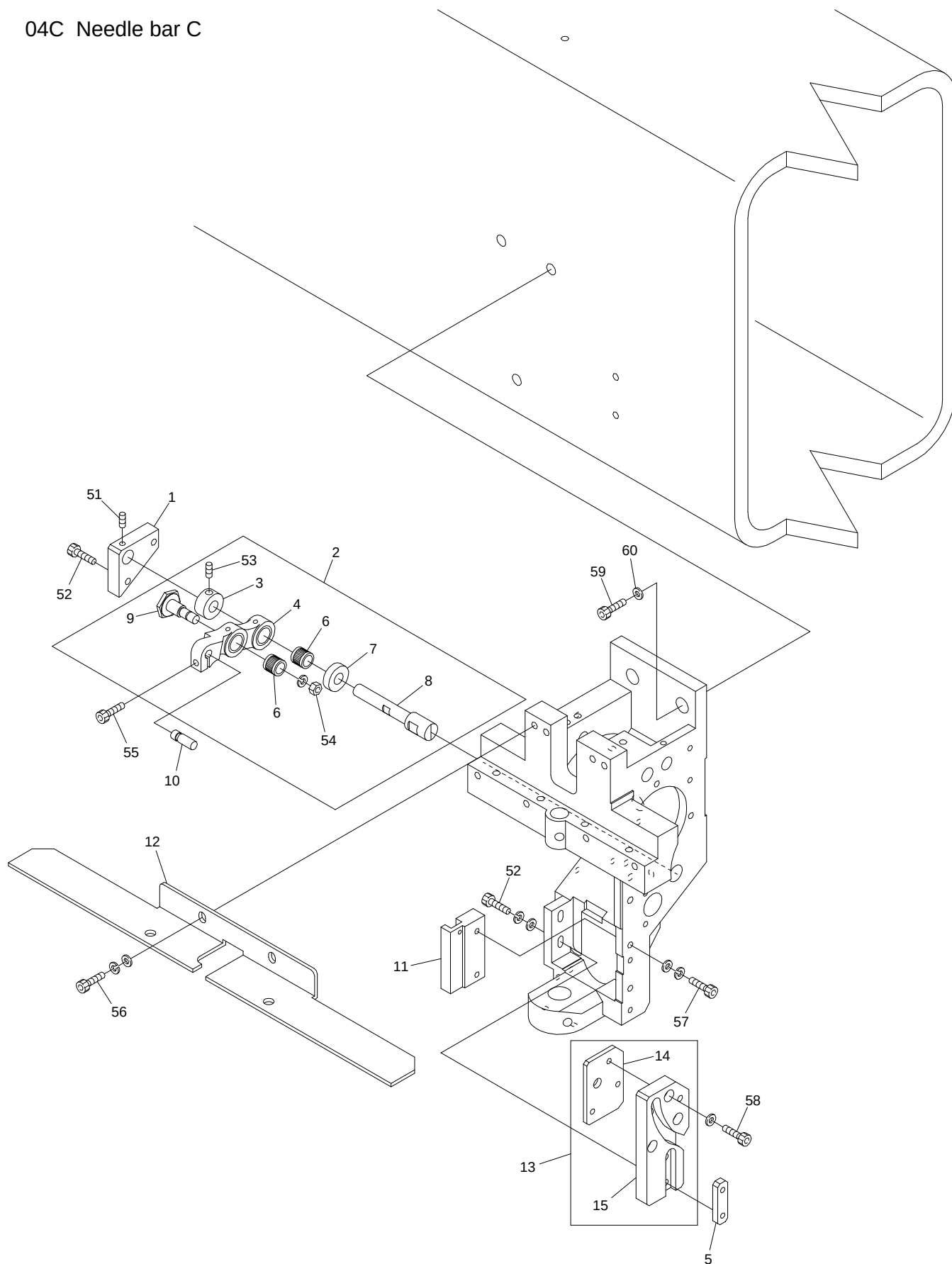
BENSH-ZQ-B BENSH-ZQ-BS
BENRH-ZQ-B BENRH-ZQ-BS

BEDSH-ZQ-BS BENYH-ZQ-A BENYHE-ZQ BENYHE-ZQ-B BENYHE-ZQ-C BEDYHE-ZQ-C
BENBH-ZQ-A BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

04B NEEDLE BAR B

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	RV230020	Drive shaft(ZQ5)	H×1	
2	RD230150	Drive shaft bush(Upper)	H×1	
3	HT230750	Oil core(30mm)	H×1	
4	HT230471	Small link pin	H×1	
5	HT230491	Link(Small)	H×1	
6	HT230730	Shim ring(Ø10 t=0.3)	H×2	
7	A9012127	E-ring(Ø3)	H×1	
8	KF230530	Roller(For take up lever)	H×1	
9	HT230450	Link roller joint pin	H×1	
10	HT230760	Oil core(8mm)	H×1	
11	HB230200	Needle bar driving link	H×1	
12	HT230510	Needle bar driver slide block	H×1	
13	HT230770	Oil core(20mm)	H×1	
14	HT230460	Large link pin	H×1	
15	HT230480	Link(Large)	H×1	
16	HT230500	Set slide block	H×1	
17	HP231370	Square ball	H×1	
18	HT230320	Square ball pin	H×1	
19	HT230290	Needle bar beat fixing base	H×1	
20	HT230520	Needle bar driving stopper	H×1	
21	A9012368	Spacer(Roll bush)	H×1	
22	RH230550	Shim ring	H×1	
23	RH230540	Needle bar driver	H×1	
24	HT230280	Needle bar driver pin	H×1	
25	HT230560	Needle bar driver return spring	H×1	
26	HT230340	Cloth hold support rubber	H×1	
27	RV230250	Cloth hold support	H×1	
28	RD230240	Drive shaft felt(Upper)	H×1	
29	RD230050	Bearing guide	H×1	
30	KX230050	Bearing pin	H×2	
31	A9010065	Ball bearing 686zz	H×2	
32	RD230230	Drive shaft felt(Lower)	H×1	
33	KX230080	Drive shaft bush(Lower)	H×1	
34	A9012053	Hex.socket set screw(With steel ball) M6×0.7×8	H×2	
51		Hex.Socke bolt M5×20		
52		Hex.socket set screw M4×6(With nylon)		
53		Hex.socket set screw M4×4(With nylon)		
54		Hex.socket bolt M4×12(With washers)		
55		Hex.socket button bolt M3×6		
56		Hex.Socke bolt M2.5×6		
57		Hex.socket bolt M4×15(With washers)		
58		Hex.socket bolt M4×6(With plain washer)		

04C Needle bar C

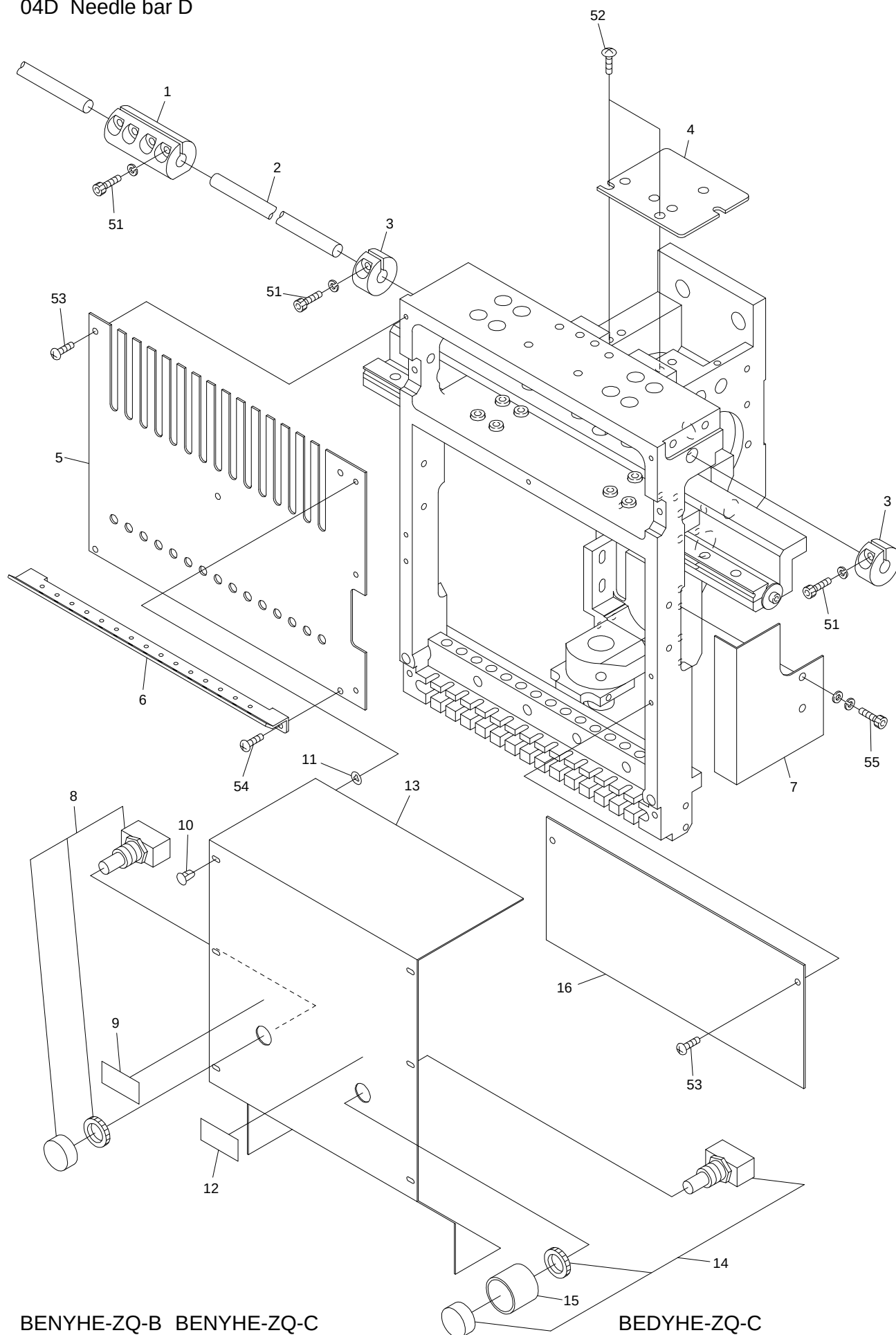


BENSH-ZQ-B BENSH-ZQ-BS
BENRH-ZQ-B BENRH-ZQ-BS

BEDSH-ZQ-BS BENYH-ZQ-A BENYHE-ZQ BENYHE-ZQ-B BENYHE-ZQ-C BEDYHE-ZQ-C
BENBH-ZQ-A BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

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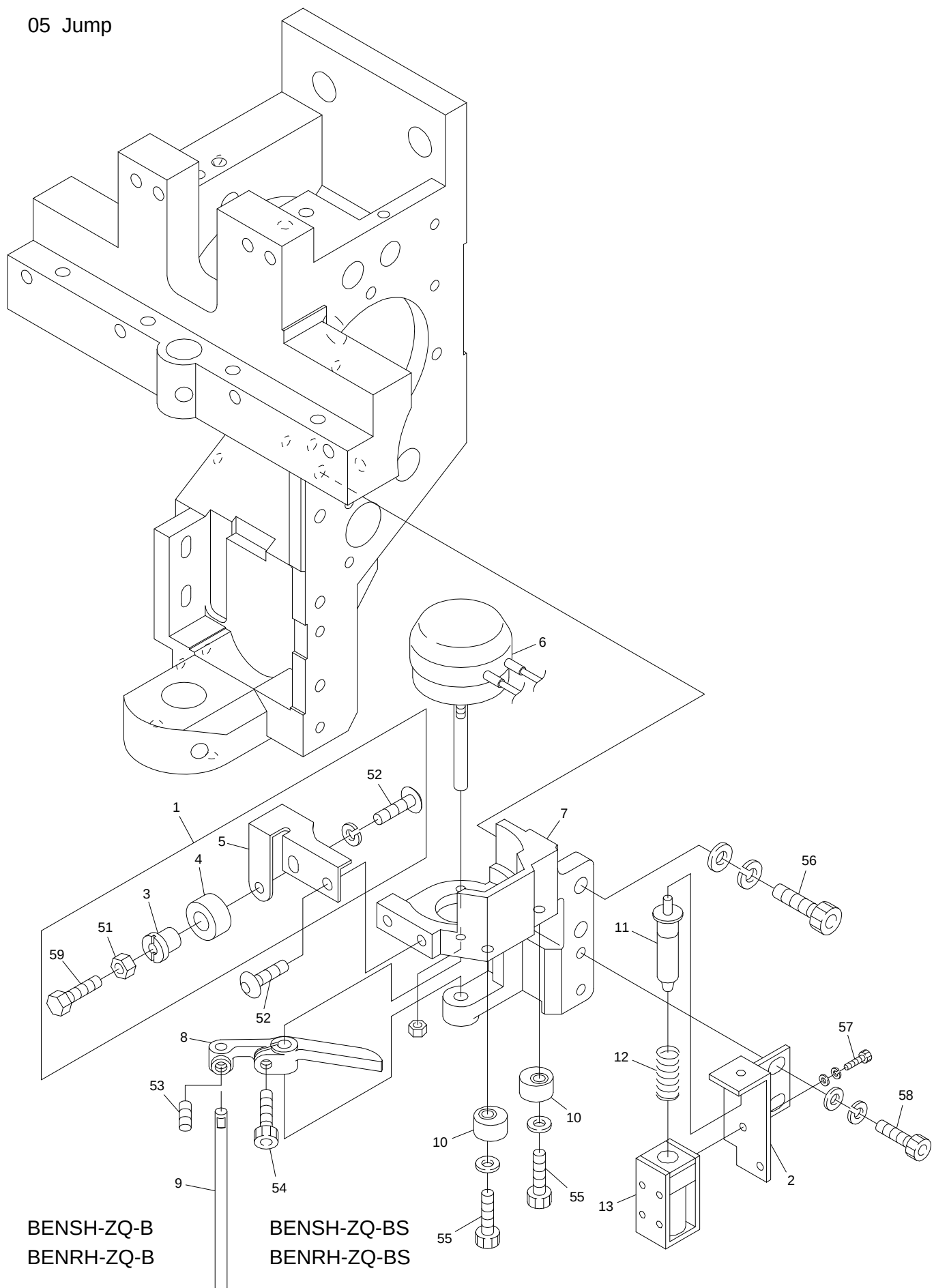
04D Needle bar D



BENYHE-ZQ-B BENYHE-ZQ-C
BENBHE-ZQ-B BENBHE-ZQ-C

BEDYHE-ZQ-C

[illegible]



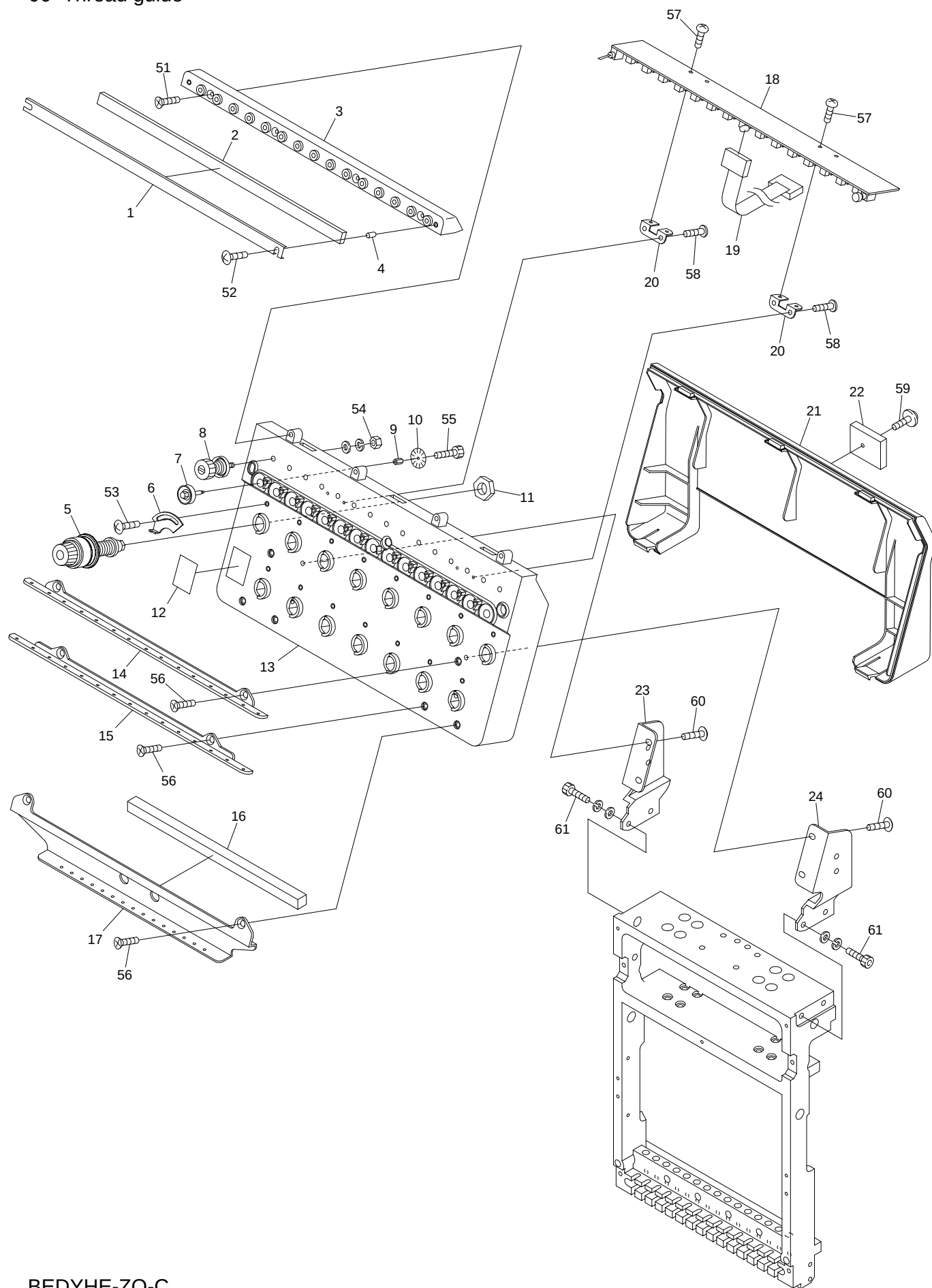
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BENRH-ZQ-B

BENSH-ZQ-BS
BENRH-ZQ-BS

BEDSH-ZQ-BS BENYH-ZQ-A BENYHE-ZQ BENYHE-ZQ-B BENYHE-ZQ-C BEDYHE-ZQ-C
BENBH-ZQ-A BENBHE-ZQ BENBHE-ZQ-B BENBHE-ZQ-C

From the library of Superior Sewing Machine & Supply LLC • www.supsew.com

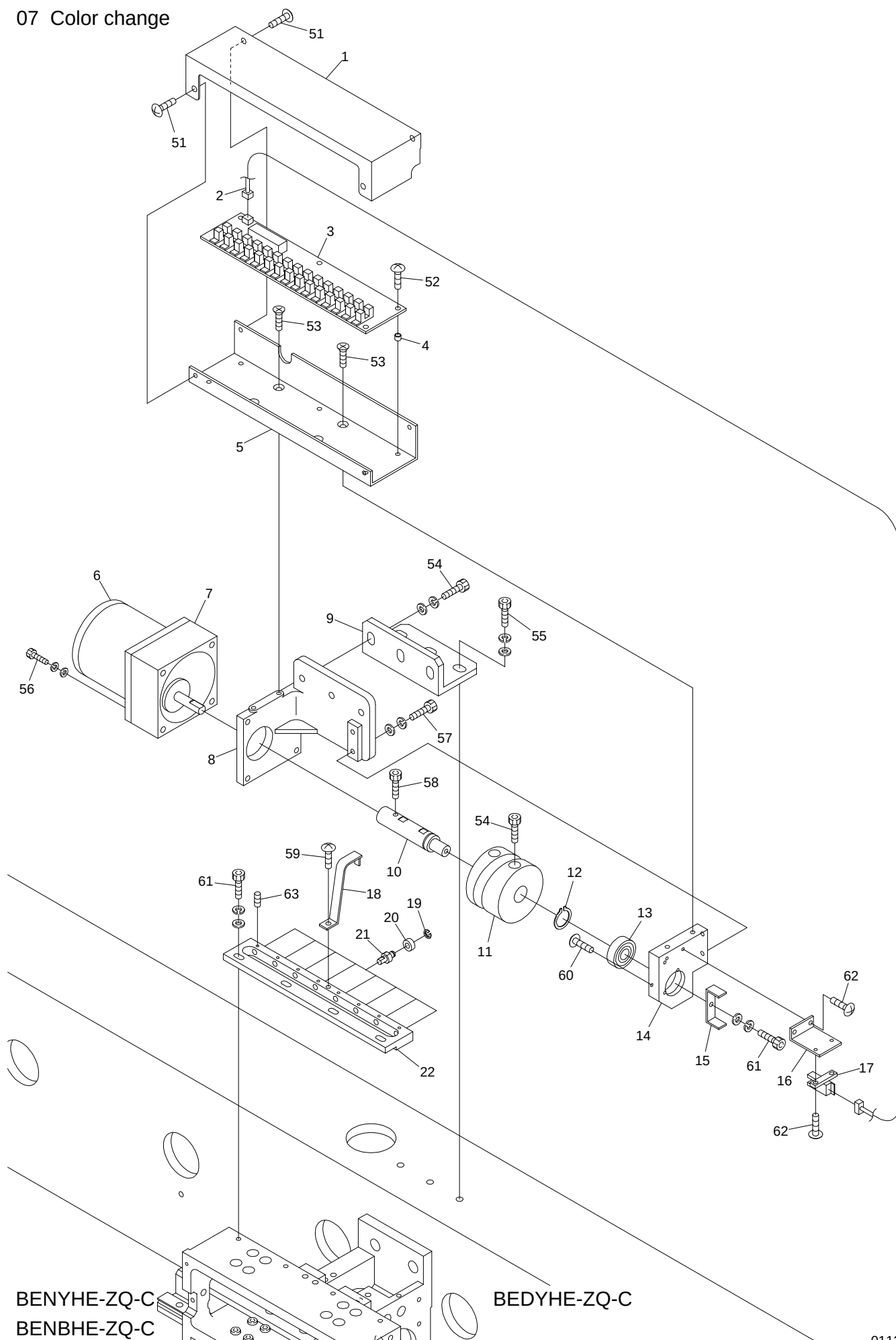
06 Thread guide



BEDYHE-ZQ-C

[illegible]

07 Color change

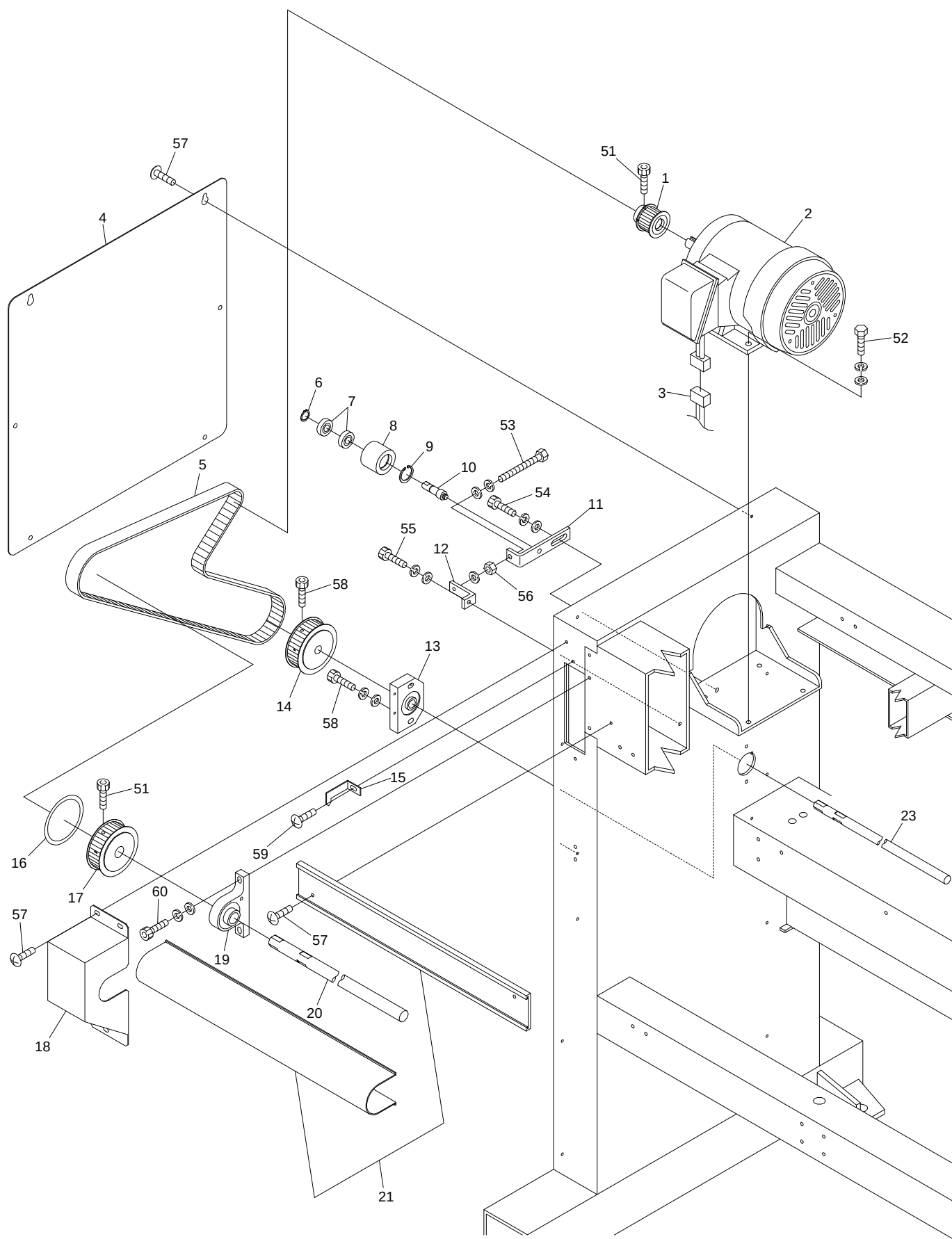


BENYHE-ZQ-C
BENBHE-ZQ-C

BEDYHE-ZQ-C

[illegible]

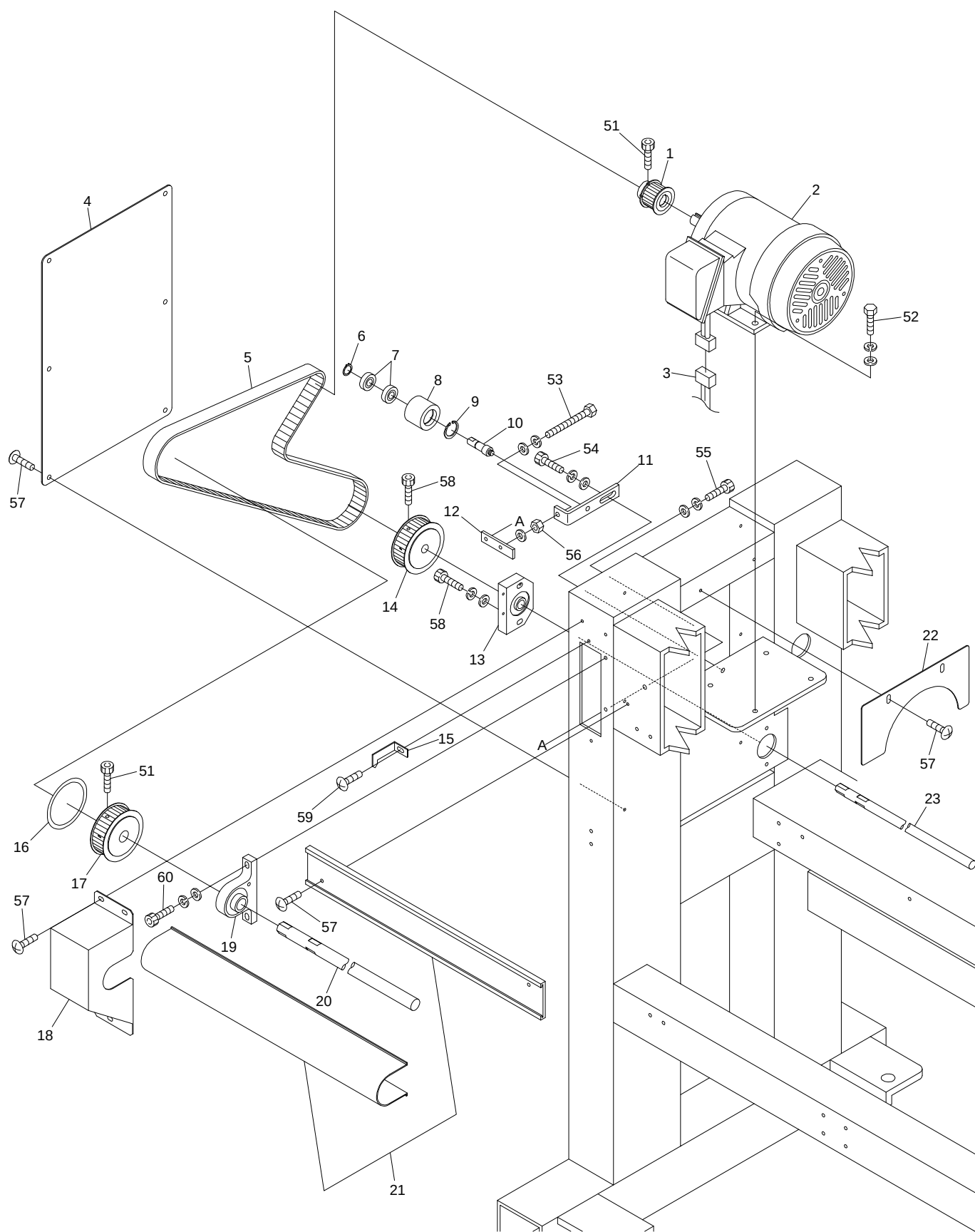
08-1 Drive(2T/4T)



BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
 BENBHE-YN-C BENBHE-ZQ-C

08-1 DRIVE (2T/4T)

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	SC481370	Motor pulley(S5M-26,0.2kw)	1	2T
	RP310170	Motor pulley(S5M-26)	1	4T
2	RA310380	Main motor 1K-FCKL8-4P-0.2kw(ETL)	1	2T
	RP310201	Main motor IK-FBKK8-4P-0.55kw VF3(ETL)	1	4T
3	A9053081	Motor cable 1.25×4×5m		
4	SJ160030	Frame upper cover	2	
5	A9020180	Timing belt B250S5M1420	1	
6	A9012066	C-ring(For hole Ø12)	1	
7	A9010003	Bearing 6001ZZ	2	
8	RQ310000	Idler	1	
9	A9012063	C-ring(For hole Ø28)	1	
10	SC310020	Idler shaft	1	
11	SC310030	Idler bracket	1	
12	SC310150	Tension bracket	1	
13	SC310060	Lower shaft housing	1	
14	SC310010	Ø15 lower shaft timing pulley(S5M-52)	1	
15	SC310050	Angle instructions plate	1	
16	SC310100	Rotary angle label	1	
17	SC310000	Ø20 upper shaft timing pulley(S5M-52)	1	
18	SC250000	Pulley box	1	NYHE
	SJ250040	Pulley box(DYHE)	1	DYHE
19	SC310070	Upper shaft housing	1	
20	SC310140	Upper shaft Ø20(For 2T)	1	2T
	SC310120	Upper shaft Ø20(For 4T)	1	4T
21	SJ130020	Shaft mogol & cover L(YN,P=520) DYHE	1	DYHE Left side
	SJ130030	Shaft mogol & cover C(YN,P=520) DYHE	1	DYHE Between heads 2T
			3	DYHE Between heads 4T
	SJ130040	Shaft mogol & cover R(YN,P=520) DYHE	1	DYHE Right side
	SJ130000	Shaft mogol & cover(P=520) DYHE-ZQ	1	DYHE(P=520)
	SJ130010	Shaft mogol & cover(P=380) DYHE-ZQ	1	DYHE(P=380)
22	SC310130	Lower shaft Ø15(For 2T)	1	2T
	SC310110	Lower shaft Ø15(For 4T)	1	4T
51		Hex.socket bolt M6×15(Black)		
52		Hex.bolt M8×20		
53		Hex.bolt M6×60(Full screw)		
54		Hex.socket bolt M8×20(Black)		
55		Hex.socket bolt M6×15(Uni chrome)		
56		Hex.nut M6		
57		Truss screw M5×10		
58		Hex.socket bolt M5×8		
59		Truss screw M5×6		
60		Hex.socket bolt M6×18(Black)		

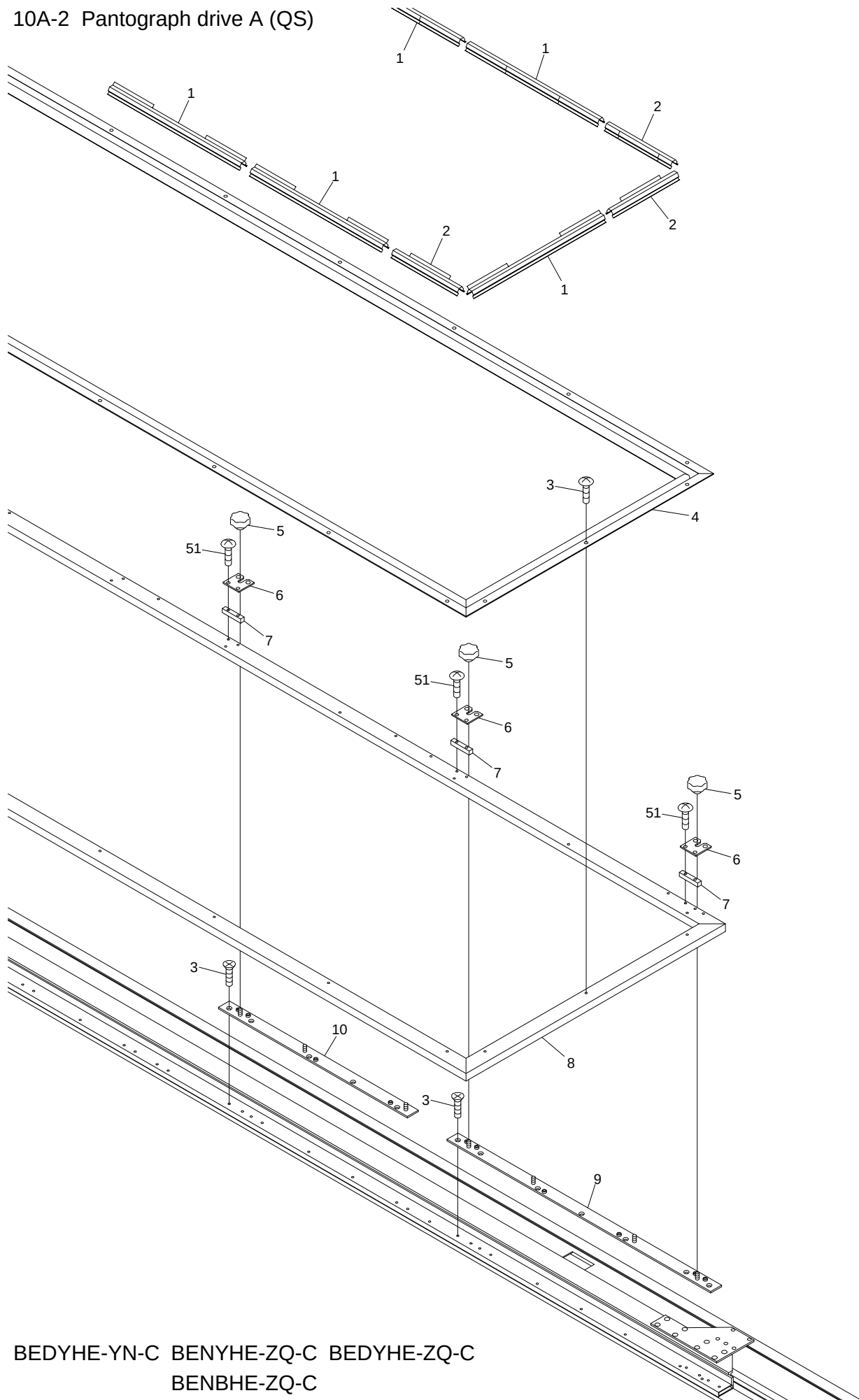


BENYHE-YN-C BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
 BENBHE-YN-C BENBHE-ZQ-C

08-2 DRIVE (6T)

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	RP310170	Motor pulley(S5M-26)	1	
2	RP310201	Main motor IK-FBKK8-4P-0.55kw VF3(ETL)	1	
3	A9053081	Motor cable 1.25×4×5m		
4	SC160040	Stand cover	2	
5	A9020180	Timing belt B250S5M1420	1	
6	A9012066	C-ring(For hole Ø12)	1	
7	A9010003	Bearing 6001ZZ	2	
8	RQ310000	Idler	1	
9	A9012063	C-ring(For hole Ø28)	1	
10	SC310020	Idler shaft	1	
11	SC310030	Idler bracket	1	
12	SC310040	Tension plate	1	
13	SC310060	Lower shaft housing	1	
14	SC310010	Ø15 lower shaft timing pulley(S5M-52)	1	
15	SC310050	Angle instructions plate	1	
16	SC310100	Rotary angle label	1	
17	SC310000	Ø20 upper shaft timing pulley(S5M-52)	1	
18	SC250000	Pulley box	1	NYHE
	SJ250040	Pulley box(DYHE)	1	DYHE
19	SC310070	Upper shaft housing	1	
20	SC310090	Upper shaft Ø20	1	
21	SJ130020	Shaft mogol & cover L(YN,P=520)	1	DYHE Left side
	SJ130030	Shaft mogol & cover C(YN,P=520)	5	DYHE Between heads
	SJ130040	Shaft mogol & cover R(YN,P=520)	1	DYHE Right side
	SJ130000	Shaft mogol & cover(P=520) DYHE-ZQ	1	DYHE(P=520)
	SJ130010	Shaft mogol & cover(P=380) DYHE-ZQ	1	DYHE(P=380)
22	SC250010	Drive motor cover	1	NYHE
	SJ250080	Drive motor cover(DYHE)	1	DYHE
23	SC310080	Lower shaft Ø15	1	
51		Hex.socket bolt M6×15(Black)		
52		Hex.bolt M8×20		
53		Hex.bolt M6×60(Full screw)		
54		Hex.socket bolt M8×20(Black)		
55		Hex.socket bolt M6×15(Uni chrome)		
56		Hex.nut M6		
57		Truss screw M5×10		
58		Hex.socket bolt M5×8		
59		Truss screw M5×6		
60		Hex.socket bolt M6×18(Black)		

10A-2 Pantograph drive A (QS)

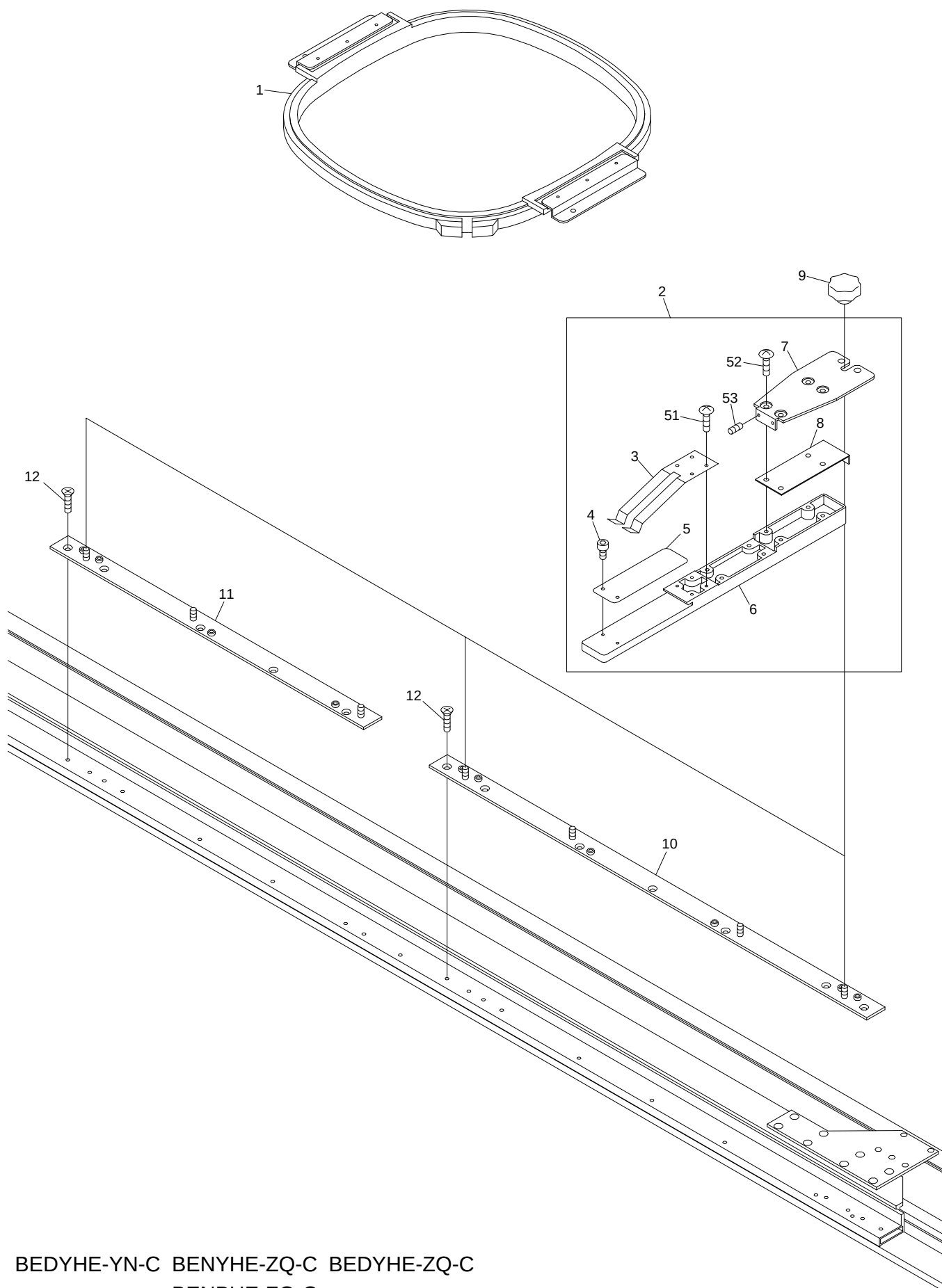


BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
BENBHE-ZQ-C

10A-2 PANTOGRAPH DRIVE A (QS)

[illegible]

10B Pantograph drive B (QS)

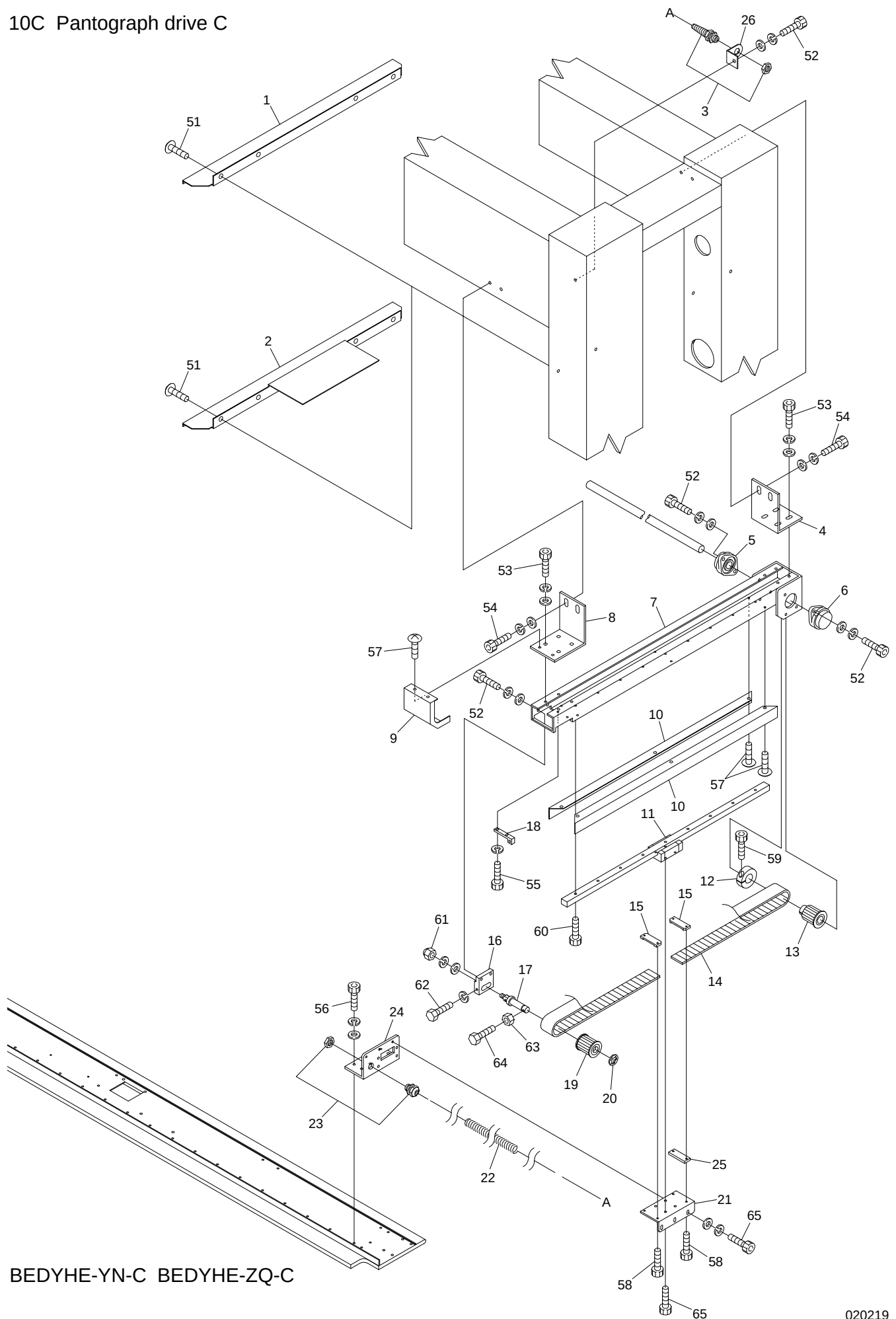


BEDYHE-YN-C BENYHE-ZQ-C BEDYHE-ZQ-C
BENBHE-ZQ-C

10B PANTOGRAPH DRIVE B (QS)

[illegible]

10C Pantograph drive C

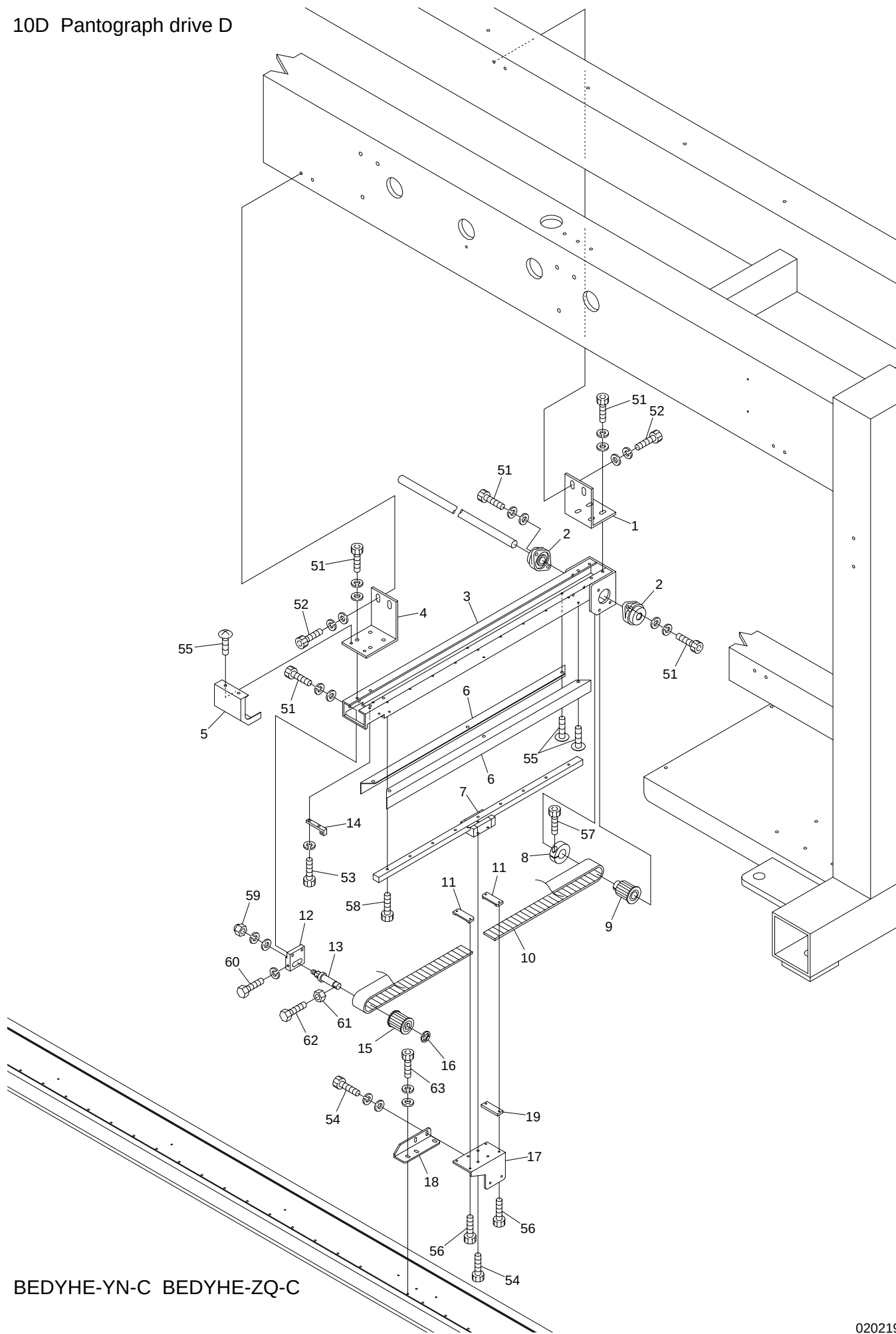


BEDYHE-YN-C BEDYHE-ZQ-C

10C PANTOGRAPH DRIVE C

ITEM	LIST NO.	DESCRIPTION	Q'TY	NOTE
1	SJ250060	V-spline cover(DYHE)	1	2T,4T
2	SJ250090	V-spline cover(DYHE) for 6-8 heads	1	6T
3	A9068030	Bushing NW-7RP	1	
4	SC480330	H-rail base fixed stay(Rear)	1	
5	A9011243	Bearing unit(UFL002C)	1	
6	A9011244	Bearing unit(UFL002D)	1	
7	SJ480010	H-rail base(ST=450) DYHE	1	
8	SC480210	H-rail base fixed stay(Front)	1	
9	SC250040	H-rail front cover	1	
10	SC250070	H-rail side cover	2	
11	SC480040	LM guide(540L)	1	
12	HH481980	Ø19 clamp	1	
13	SJ480000	Pantograph drive pulley(16 tooth)	1	
14	SC480020	Timing belt MA5	1	
15	HP482940	Timing belt set rack(5M)	2	
16	SC480050	Pulley bracket	1	
17	SC480030	Timing pulley shaft	1	
18	RP480200	Pulley stopper	1	
19	SC480010	Pantograph drive pulley(Front)	1	
20	A9012052	E-ring(Ø10)	1	
21	SC480120	Guide base(R)	1	
22	A9068049	Curl cord(Compact machine)	1	
23	A9068050	Super seal(NW-7R)	1	
24	SC480080	Guide stay(R)	1	
25	SJ480020	Rack spacer	1	
26	SC480290	Electrical bracket	1	
51		Truss screw M6×10		
52		Hex.socket bolt M6×15(Uni chrome)		
53		Hex.socket bolt M5×15(Uni chrome)		
54		Hex.socket bolt M6×20(Uni chrome)		
55		Hex.socket bolt M4×10(With spring washer)		
56		Hex.socket bolt M4×12(Uni chrome)		
57		Truss screw M4×6(Uni chrome)		
58		Hex.socket bolt M3×15(Black)		
59		Hex.socket bolt M5×20(Black)		
60		Hex.socket bolt M4×10(Black)		
61		Hex.cap nut M8(Uni chrome)		
62		Hex.bolt M4×30(Uni chrome)		
63		Hex.nut M4		
64		Hex.bolt M4×40(Uni chrome)		
65		Hex.socket bolt M4×10(Uni chrome)		

10D Pantograph drive D

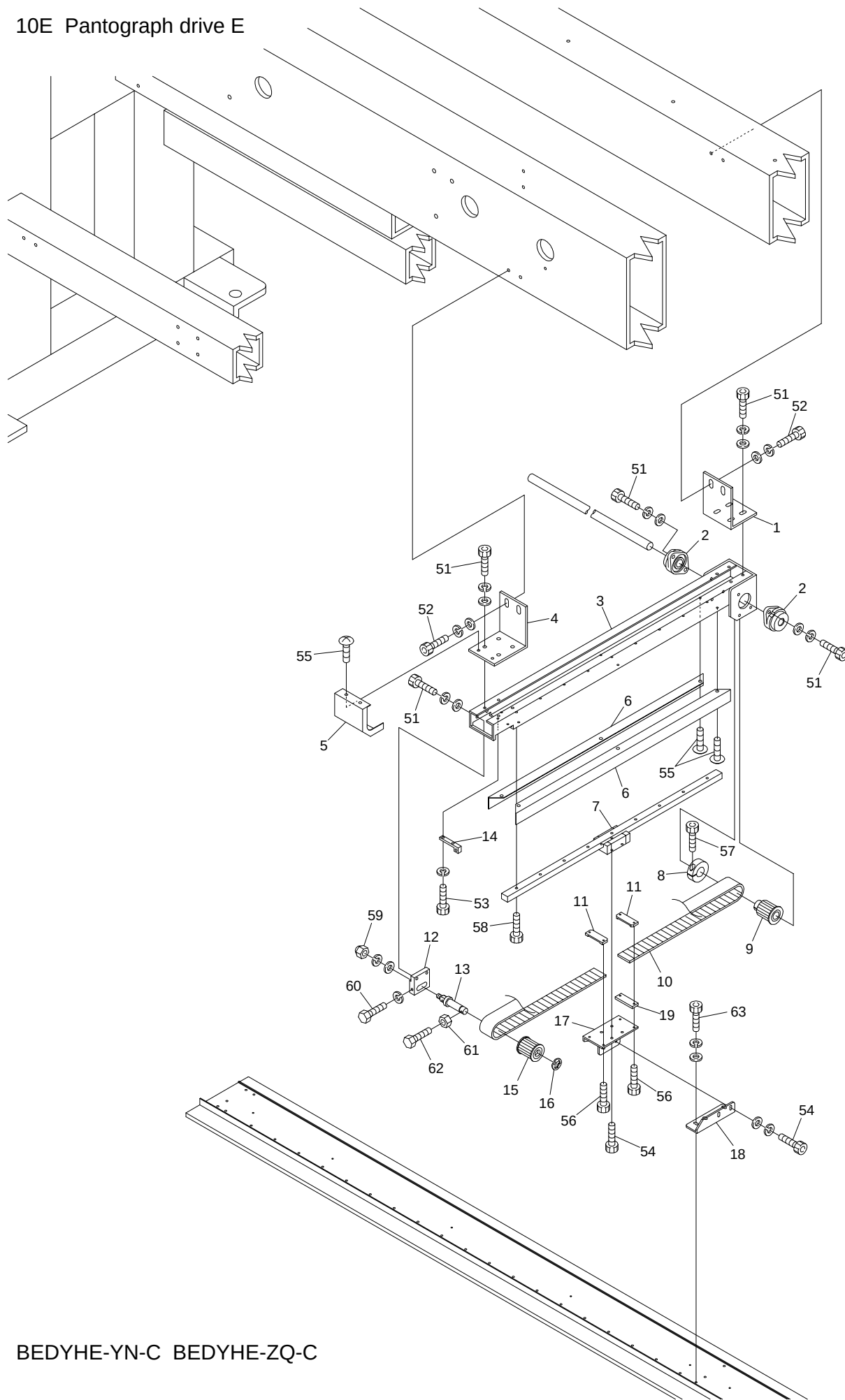


BEDYHE-YN-C BEDYHE-ZQ-C

10D PANTOGRAPH DRIVE D

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10E Pantograph drive E

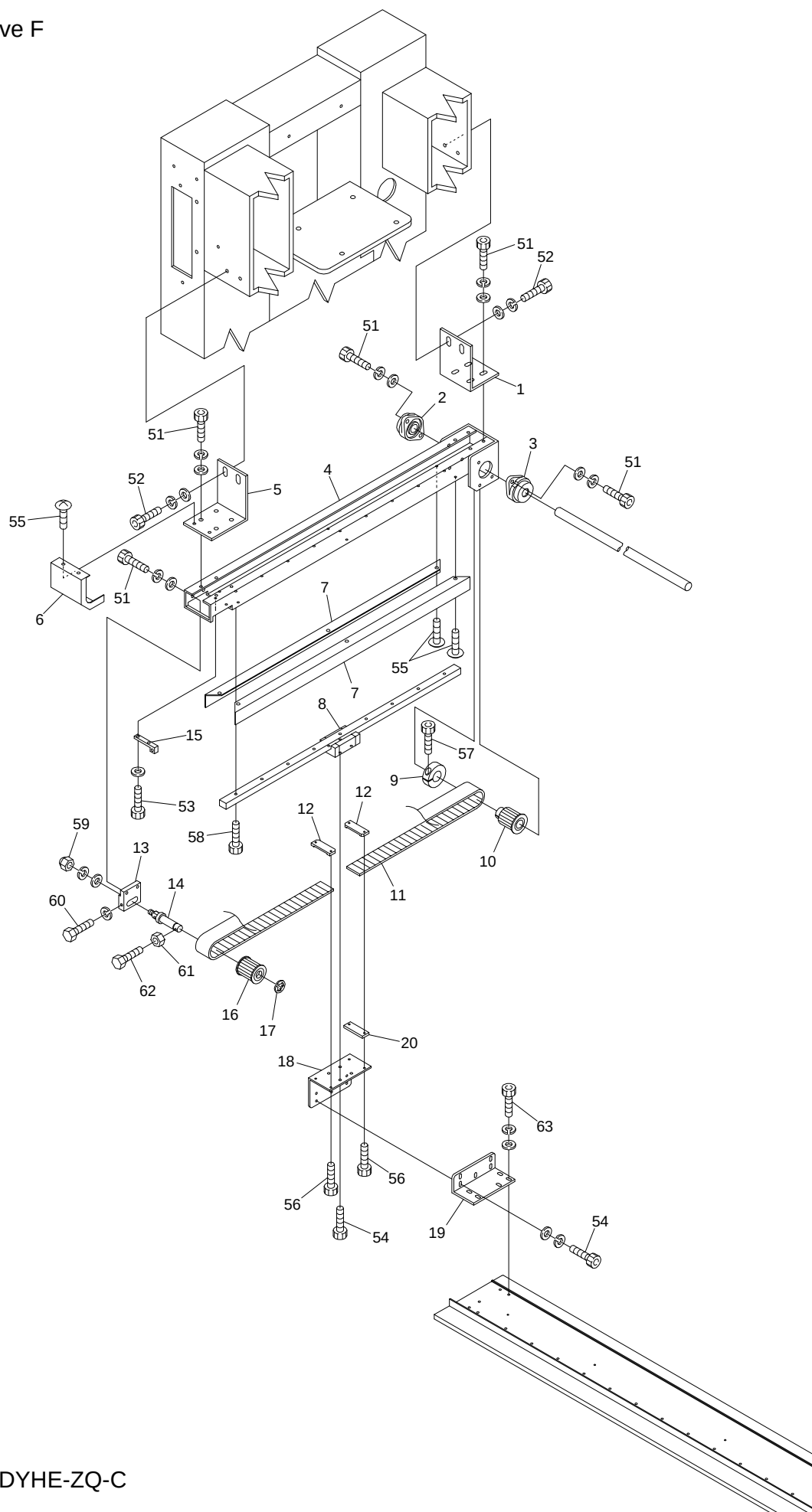


BEDYHE-YN-C BEDYHE-ZQ-C

10E PANTOGRAPH DRIVE E

[illegible]

10F Pantograph drive F

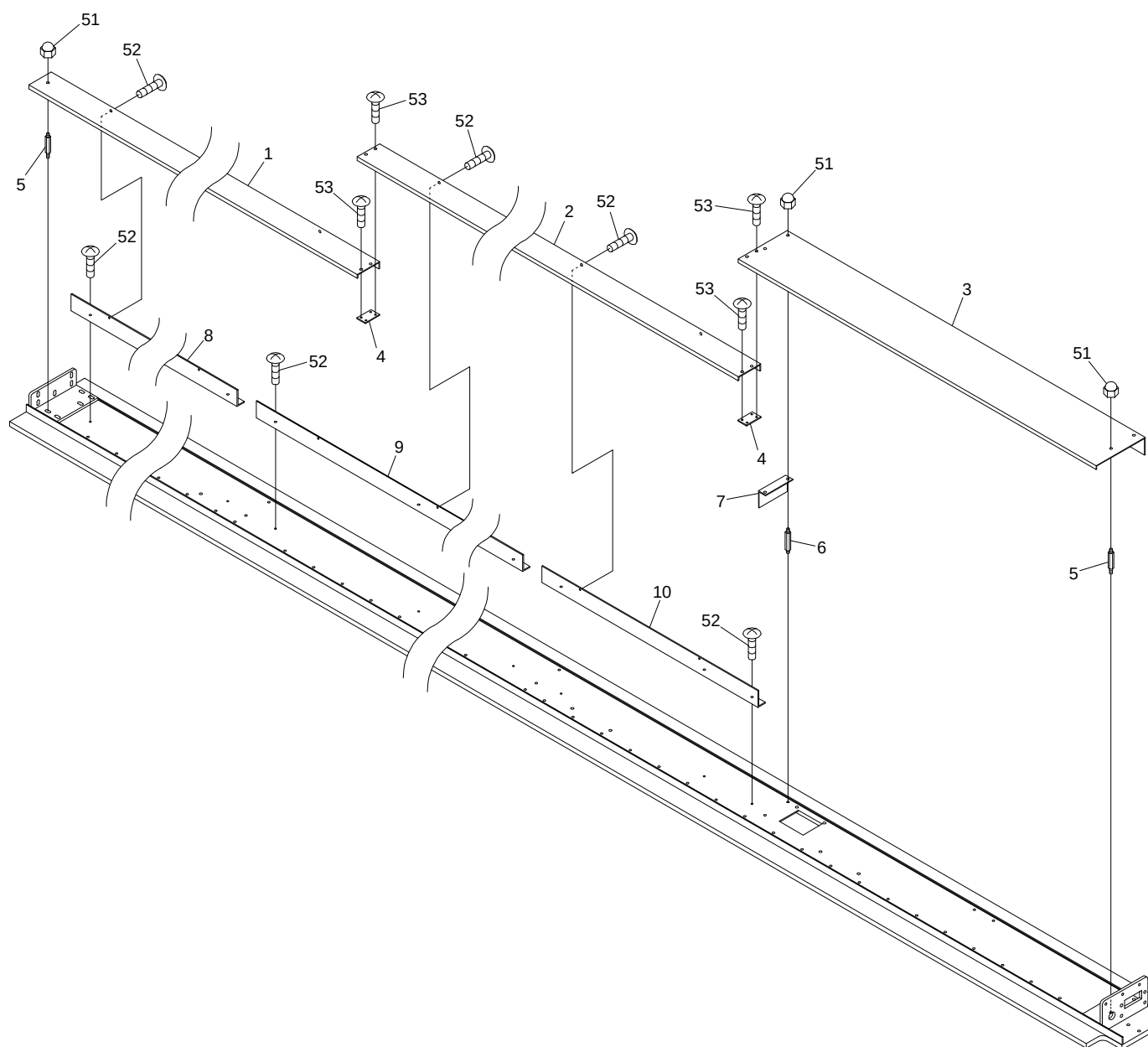


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10F PANTOGRAPH DRIVE F

[illegible]

10G Pantograph drive G

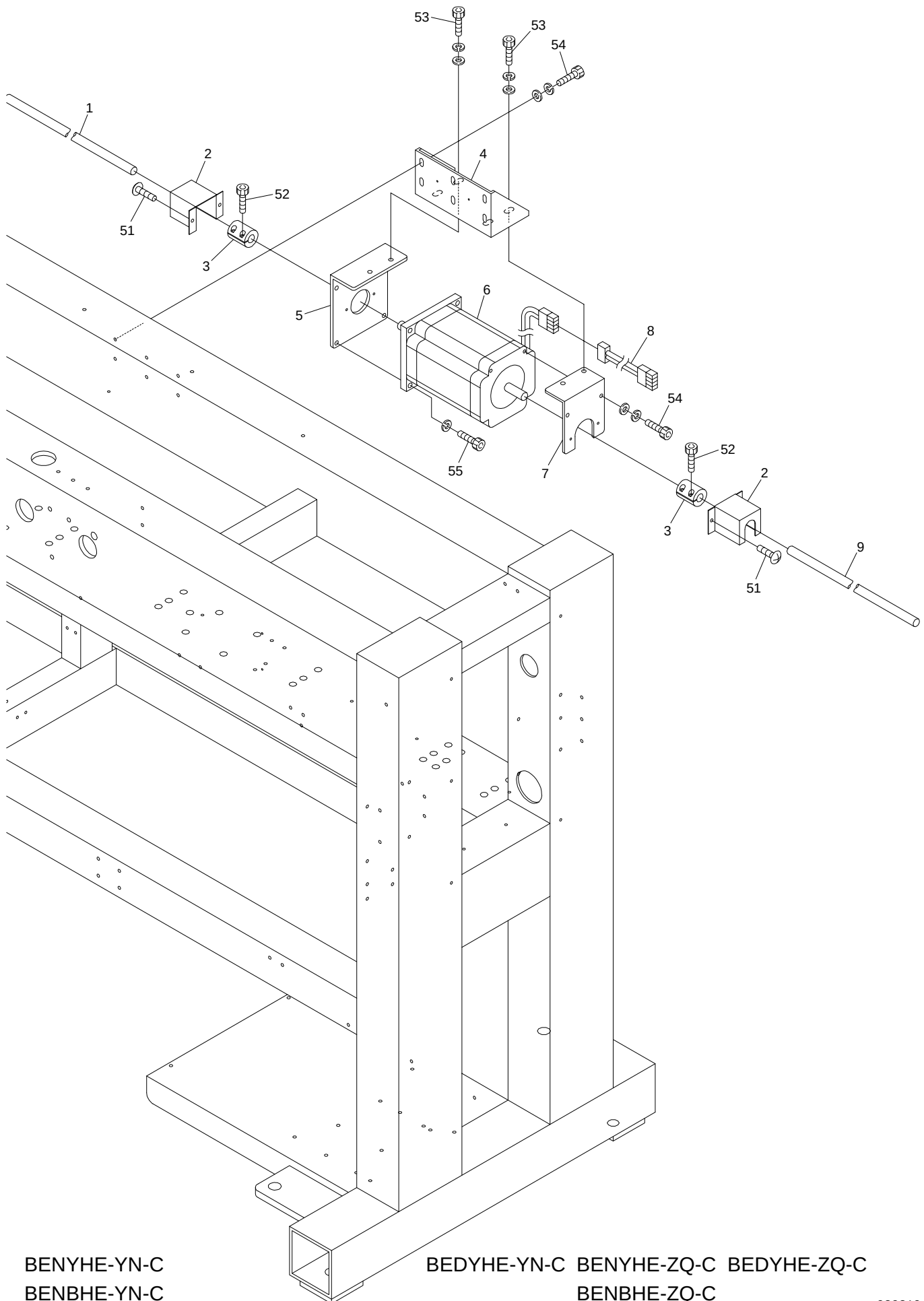


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 BENBHE-YN-C BENBHE-ZQ-C

10G PANTOGRAPH DRIVE G

[illegible]

10H Pantograph drive H



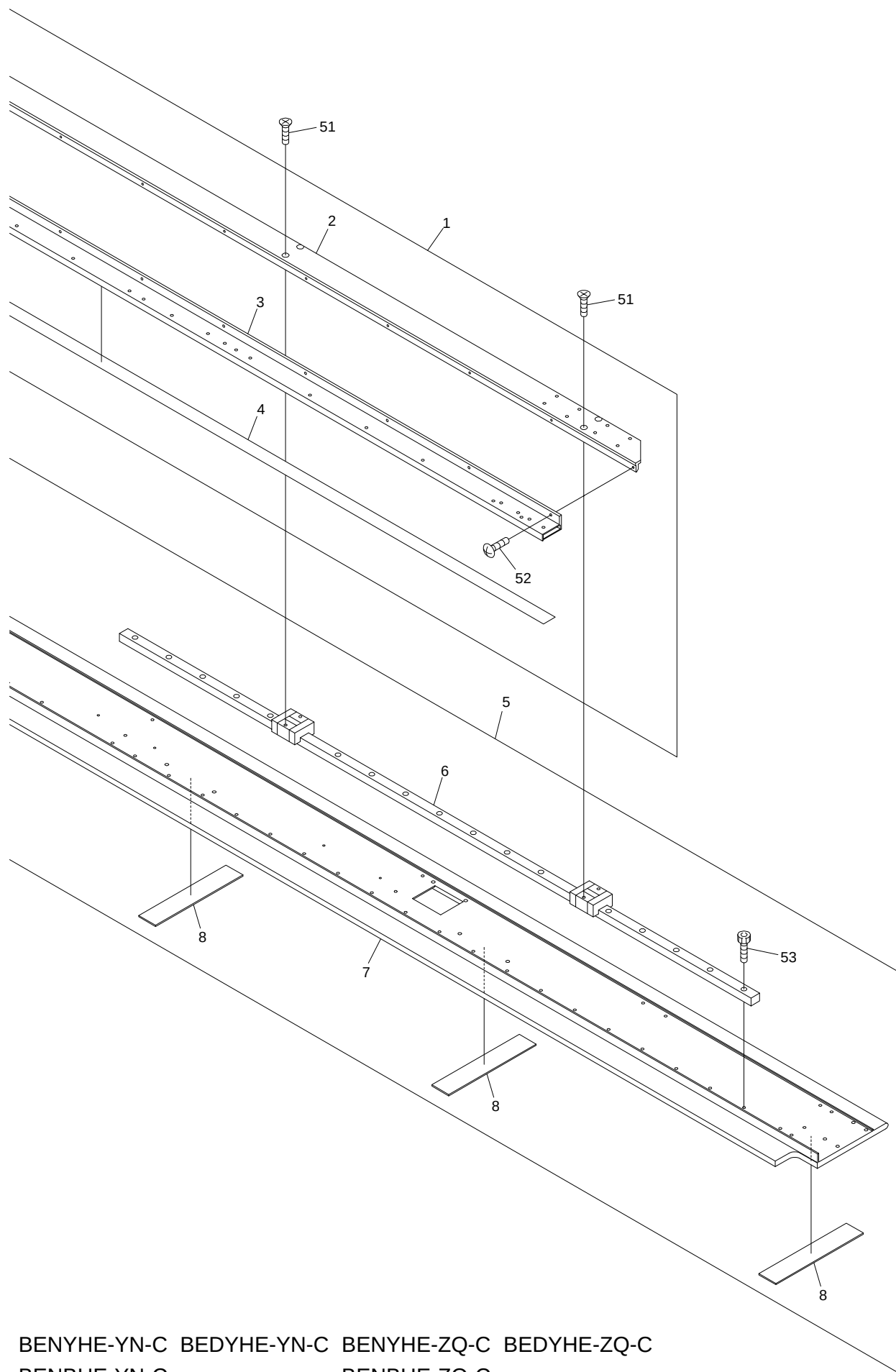
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BENBHE-YN-C

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10H PANTOGRAPH DRIVE H

[illegible]

10I Pantograph drive I

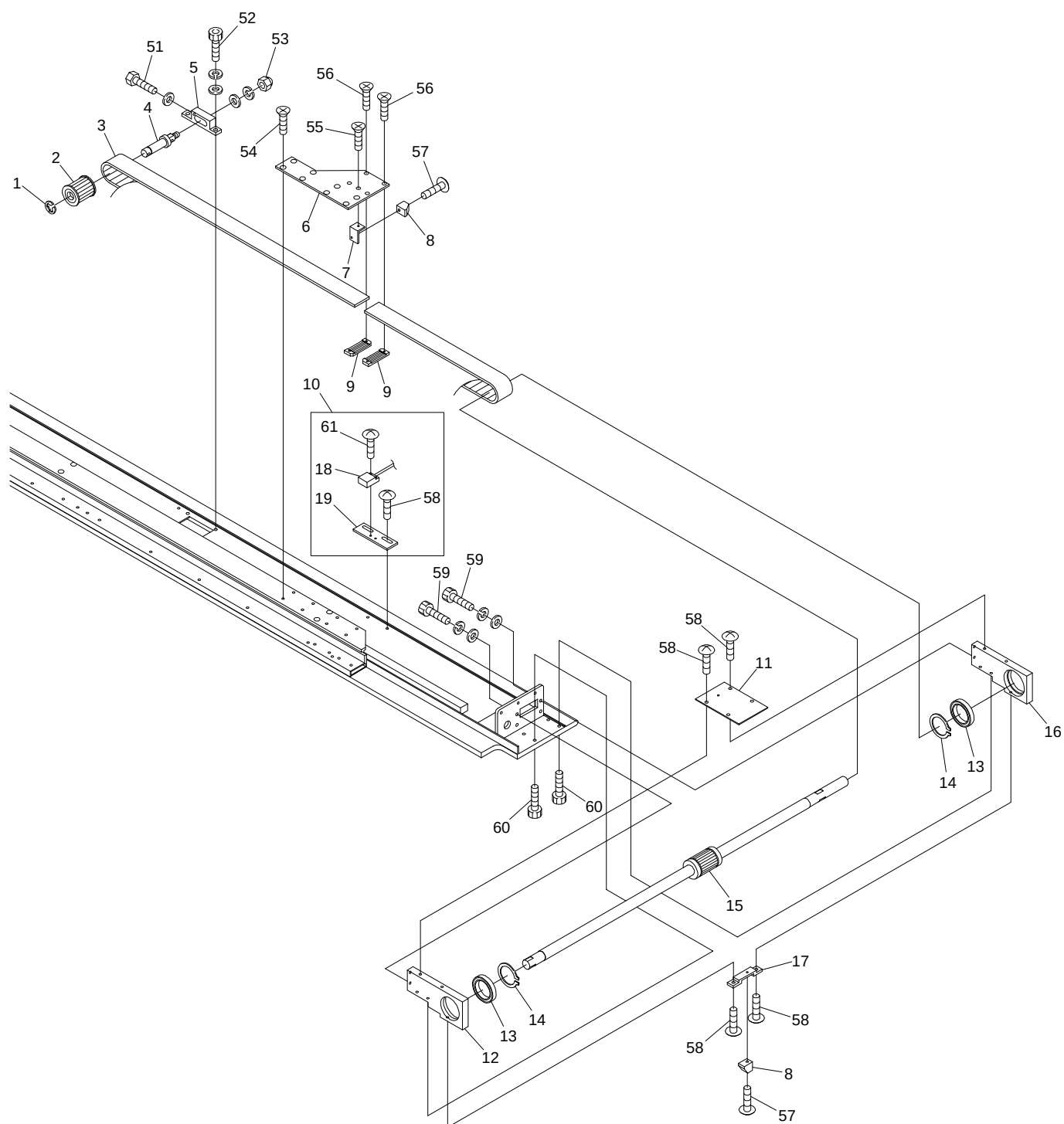


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[illegible]

10J Pantograph drive J

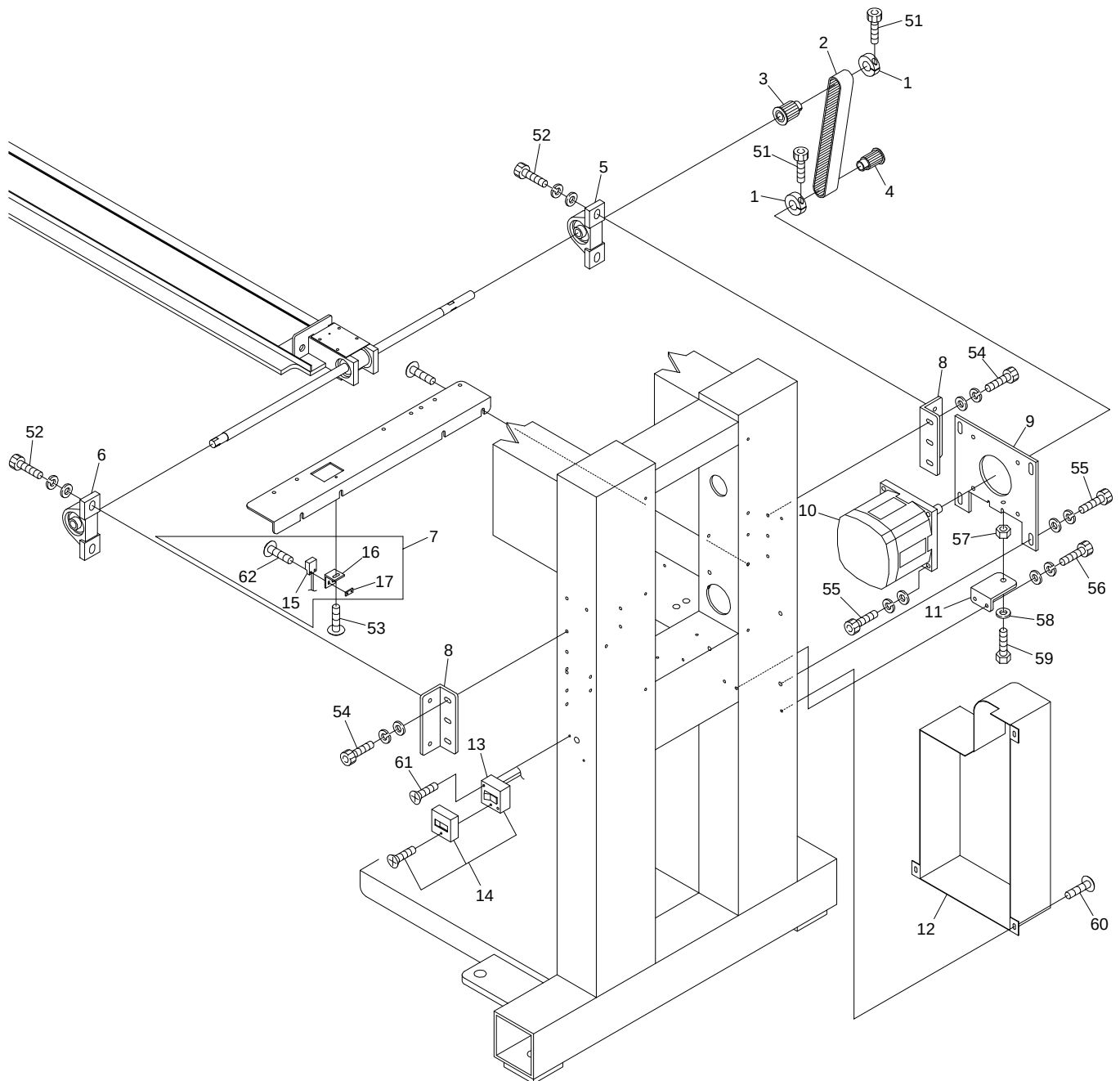


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10J PANTOGRAPH DRIVE J

[illegible]

10K Pantograph drive K

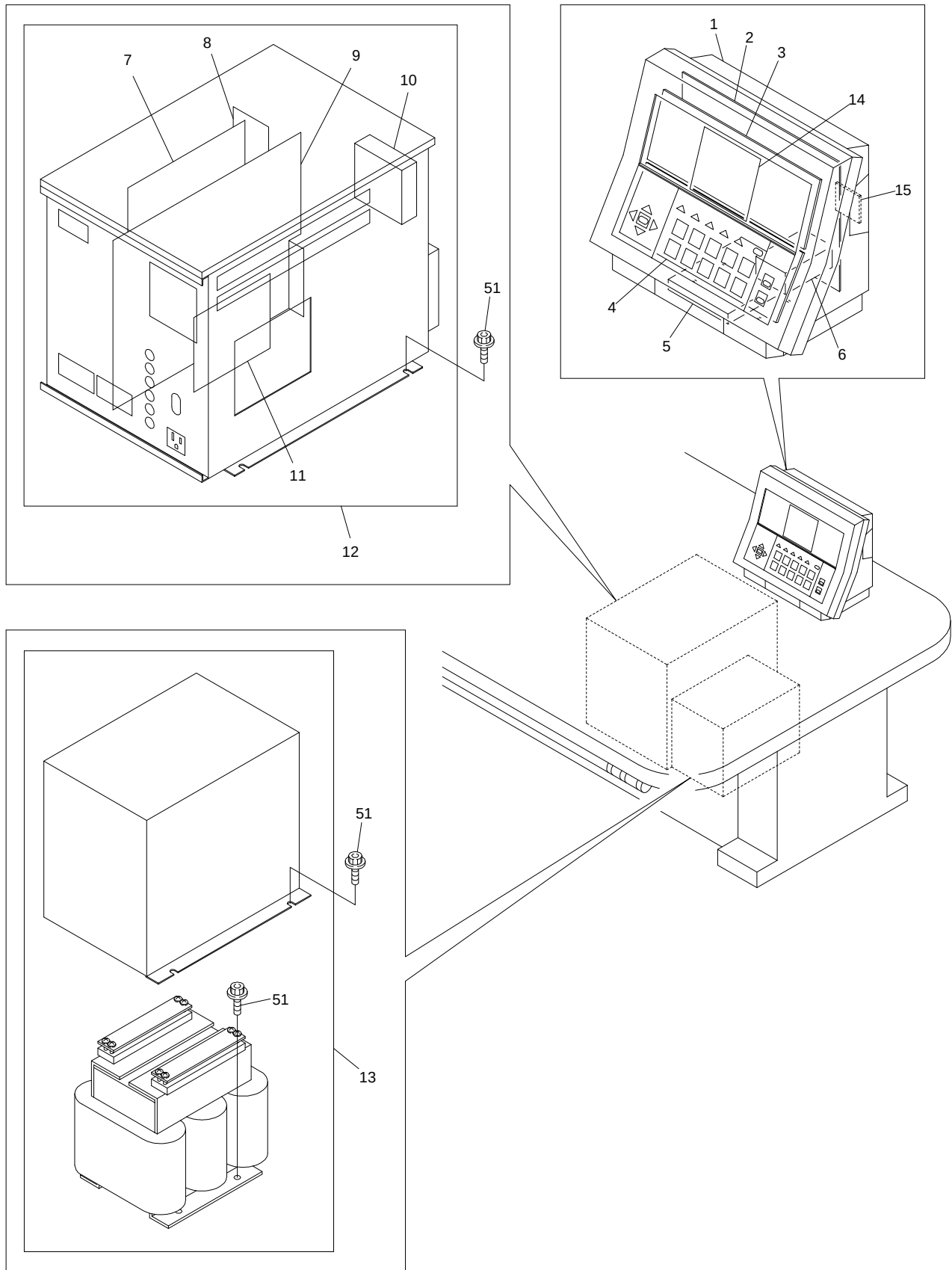


BEDYHE-YN-C BEDYHE-ZQ-C

10K PANTOGRAPH DRIVE K

[illegible]

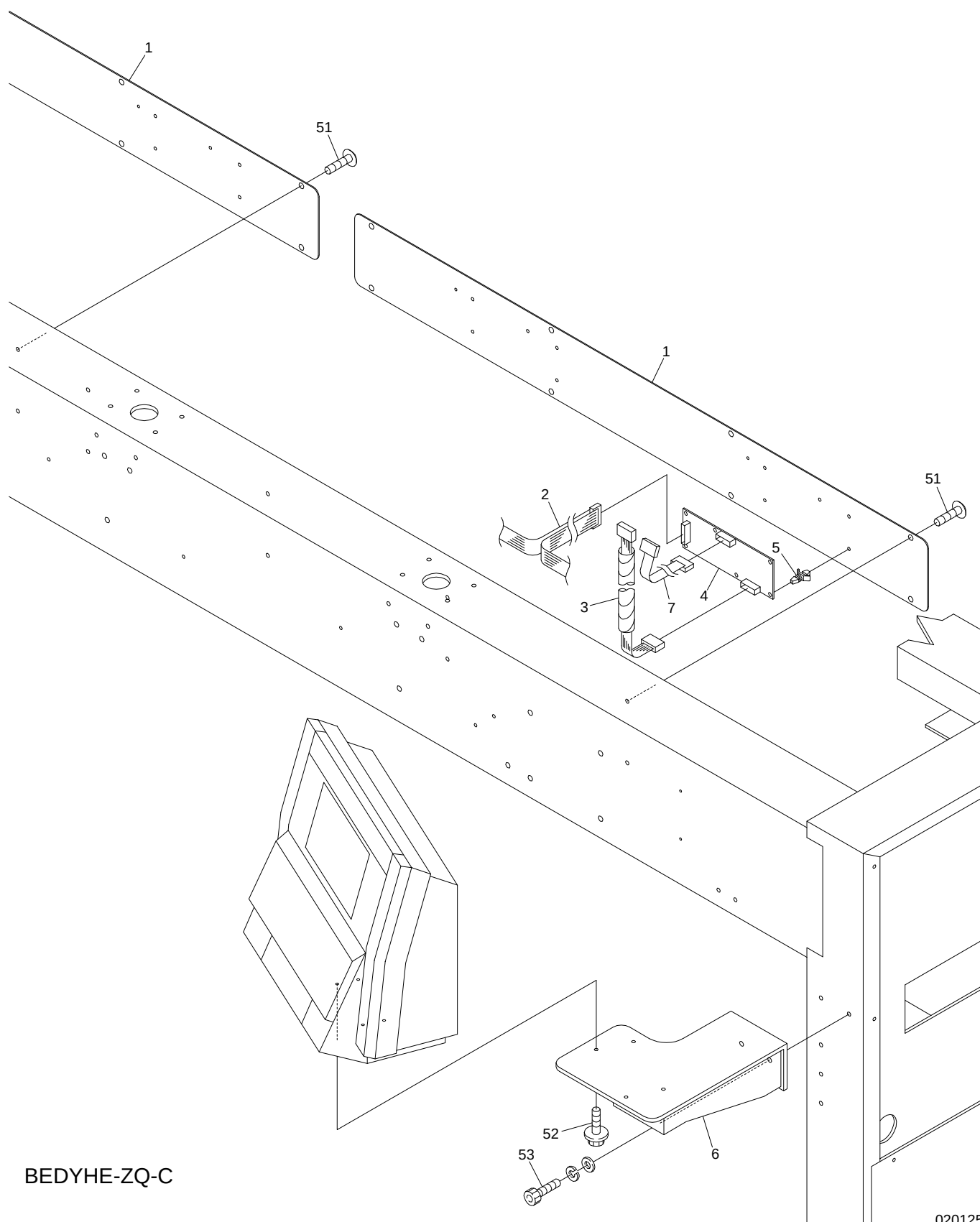
11A Control A



BEDYHE-YN-C BEDYHE-ZQ-C

11A CONTROL A

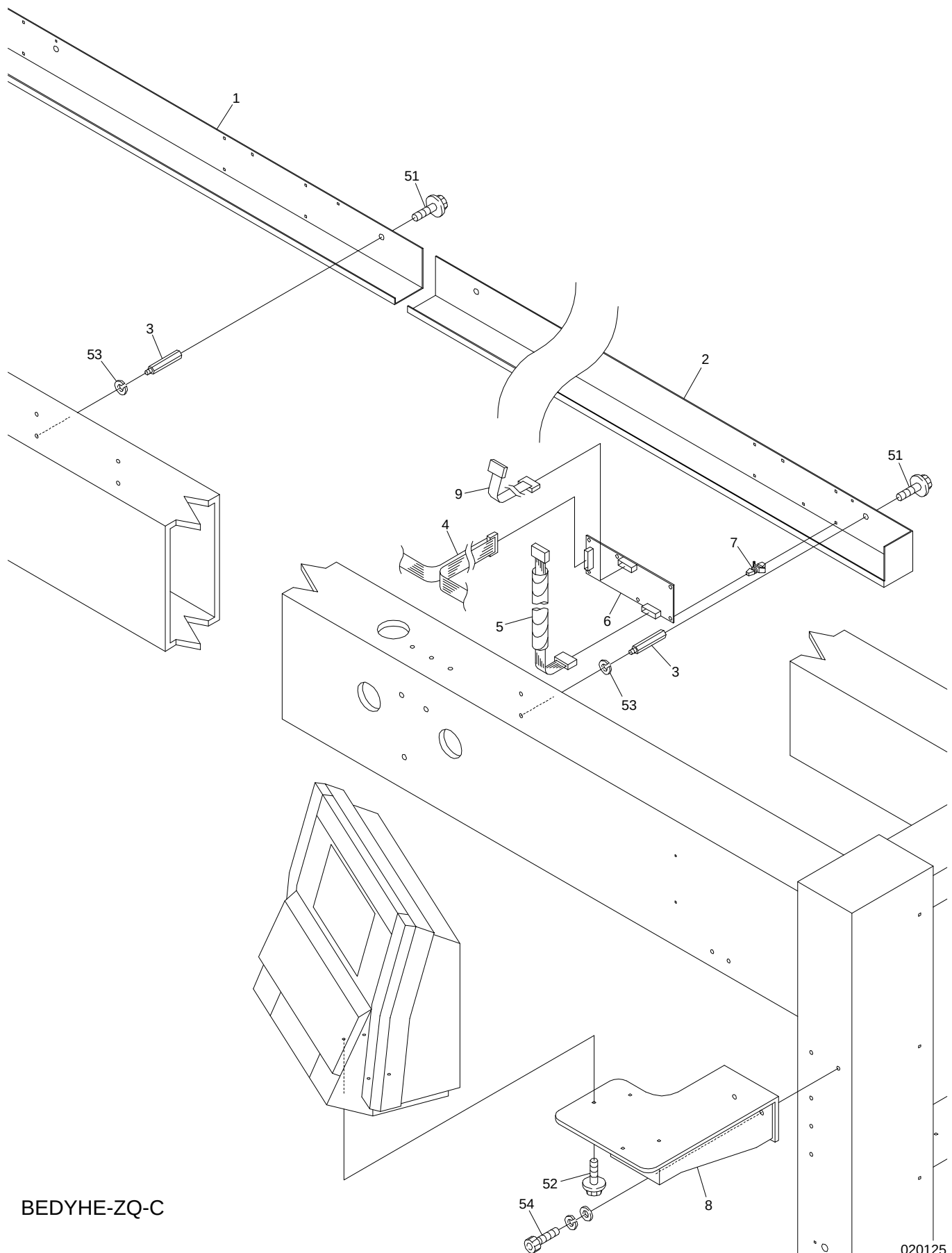
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BEDYHE-ZQ-C

11B-1 CONTROL B (2T/4T)

[illegible]

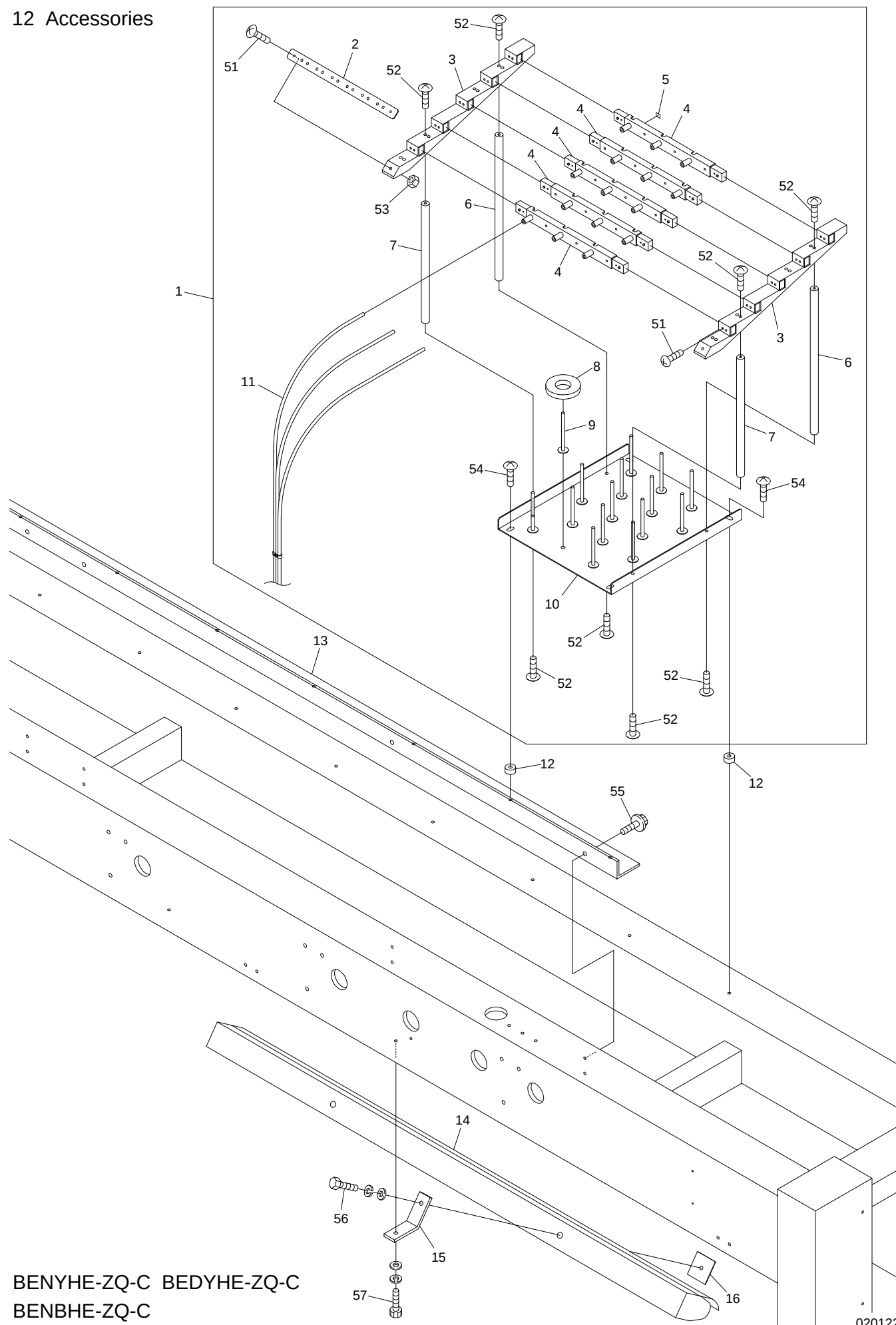


BEDYHE-ZQ-C

11B-2 CONTROL B (2T/4T)

[illegible]

12 Accessories



BENYHE-ZQ-C BEDYHE-ZQ-C
BENBHE-ZQ-C

12 ACCESSORIES

[illegible]

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
A 9 0 1 0 0 0 3	0 8 - 1	7	A 9 0 1 4 1 5 5	0 4 D	11
A 9 0 1 0 0 0 3	0 8 - 2	7	A 9 0 1 4 1 5 8	0 2 C	18
A 9 0 1 0 0 6 1	1 0 J	13	A 9 0 1 4 1 6 1	0 0 A - 1	7
A 9 0 1 0 0 6 2	0 7	13	A 9 0 1 4 1 6 1	0 0 A - 2	7
A 9 0 1 0 0 6 3	0 7	20	A 9 0 1 4 1 6 2	0 0 A - 1	11
A 9 0 1 0 0 6 5	0 4 B	31	A 9 0 1 4 1 6 2	0 0 A - 2	11
A 9 0 1 0 0 7 3	0 3 B	6	A 9 0 1 4 1 6 3	0 0 A - 1	12
A 9 0 1 1 1 1 1	0 1 A	14	A 9 0 1 4 1 6 3	0 0 A - 2	12
A 9 0 1 1 1 2 8	1 0 K	5	A 9 0 1 4 1 6 3	0 0 B	16
A 9 0 1 1 1 7 3	0 2 A	22	A 9 0 1 9 0 4 9	0 0 A - 1	15
A 9 0 1 1 2 4 2	1 0 K	6	A 9 0 1 9 0 4 9	0 0 A - 2	15
A 9 0 1 1 2 4 3	1 0 C	5	A 9 0 2 0 1 8 0	0 8 - 1	5
A 9 0 1 1 2 4 3	1 0 D	2	A 9 0 2 0 1 8 0	0 8 - 2	5
A 9 0 1 1 2 4 3	1 0 E	2	A 9 0 2 0 2 1 1	1 0 K	2
A 9 0 1 1 2 4 3	1 0 F	3	A 9 0 5 2 0 2 8	0 2 C	3
A 9 0 1 1 2 4 4	1 0 C	6	A 9 0 5 2 0 2 9	1 0 K	14
A 9 0 1 1 2 4 4	1 0 F	2	A 9 0 5 2 0 3 0	1 0 J	8
A 9 0 1 2 0 0 2	0 2 B	8	A 9 0 5 2 0 3 1	1 0 J	18
A 9 0 1 2 0 2 7	0 1 A	25	A 9 0 5 2 0 3 1	1 0 K	15
A 9 0 1 2 0 5 2	1 0 C	20	A 9 0 5 2 0 7 8	0 2 B	4
A 9 0 1 2 0 5 2	1 0 D	16	A 9 0 5 2 0 8 0	0 4 D	14
A 9 0 1 2 0 5 2	1 0 E	16	A 9 0 5 2 0 8 1	0 4 D	8
A 9 0 1 2 0 5 2	1 0 F	17	A 9 0 5 3 0 7 9	0 7	2
A 9 0 1 2 0 5 2	1 0 J	1	A 9 0 5 3 0 8 1	0 8 - 1	3
A 9 0 1 2 0 5 3	0 4 B	34	A 9 0 5 3 0 8 1	0 8 - 2	3
A 9 0 1 2 0 6 3	0 8 - 1	9	A 9 0 5 3 0 8 2	0 2 B	32
A 9 0 1 2 0 6 3	0 8 - 2	9	A 9 0 5 4 0 4 0	0 2 B	1
A 9 0 1 2 0 6 6	0 8 - 1	6	A 9 0 5 4 0 5 3	1 1 A	15
A 9 0 1 2 0 6 6	0 8 - 2	6	A 9 0 5 6 0 3 0	0 2 A	17
A 9 0 1 2 0 6 8	0 7	12	A 9 0 5 6 0 3 1	0 2 C	1
A 9 0 1 2 1 2 7	0 2 D	30	A 9 0 5 6 0 3 6	0 5	6
A 9 0 1 2 1 2 7	0 4 B	7	A 9 0 5 6 0 3 7	0 2 D	21
A 9 0 1 2 1 2 7	0 7	19	A 9 0 6 0 0 6 3	0 7	17
A 9 0 1 2 2 0 8	0 7	4	A 9 0 6 5 0 8 8	0 2 B	13
A 9 0 1 2 3 6 8	0 2 D	14	A 9 0 6 5 0 9 2	0 7	6
A 9 0 1 2 3 6 8	0 4 B	21	A 9 0 6 5 0 9 3	0 7	7
A 9 0 1 2 4 0 1	1 0 J	14	A 9 0 6 8 0 3 0	1 0 C	3
A 9 0 1 2 4 2 1	0 3 B	7	A 9 0 6 8 0 3 2	0 6	22
A 9 0 1 2 4 3 7	1 0 A	5	A 9 0 6 8 0 4 8	1 1 B - 1	5
A 9 0 1 2 4 3 7	1 0 B	9	A 9 0 6 8 0 4 8	1 1 B - 2	7
A 9 0 1 2 4 3 8	0 6	4	A 9 0 6 8 0 4 9	1 0 C	22
A 9 0 1 3 0 6 6	0 2 A	8	A 9 0 6 8 0 5 0	1 0 C	23
A 9 0 1 3 0 7 0	0 0 B	6	E A Y 0 5 2 A 3	1 1 A	13
A 9 0 1 4 0 5 9	0 1 A	7	E A Y 0 5 3 A 0	1 0 H	8
A 9 0 1 4 1 5 4	0 4 D	10	E A Y 0 5 4 A 1	1 1 A	1

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
E A Y 0 6 8 A 2	1 1 A	12	H H 4 8 1 9 8 0	1 0 F	9
E A Y 0 6 8 A 3	1 1 A	13	H H 4 8 1 9 8 0	1 0 K	1
E B Y 0 1 6 2 0	1 1 A	7	H M 1 4 0 1 2 0	0 0 B	8
E B Y 0 1 6 2 5	0 6	19	H M 2 7 0 0 0 0	0 2 A	25
E B Y 0 1 6 2 5	1 1 B - 1	7	H M 2 7 0 0 1 0	0 2 B	6
E B Y 0 1 6 2 5	1 1 B - 2	9	H N 2 7 0 0 1 0	0 2 B	16
E B Y 0 1 6 5 0	0 7	3	H P 2 3 1 3 7 0	0 4 B	17
E B Y 0 1 6 6 3	1 1 B - 1	4	H P 3 2 1 0 9 0	0 1 A	13
E B Y 0 1 6 6 3	1 1 B - 2	6	H P 3 2 1 7 1 0	0 1 B	5
E B Y 0 2 2 3 0	1 1 A	8	H P 3 2 1 7 2 0	0 1 B	1
E B Y 0 2 2 5 0	1 1 A	11	H P 4 8 2 9 4 0	1 0 C	15
E B Y 0 2 3 3 0	1 1 A	2	H P 4 8 2 9 4 0	1 0 D	11
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E B Y 0 2 3 5 0	1 1 A	3	H P 4 8 2 9 4 0	1 0 F	12
E B Y 0 2 4 4 0	1 1 A	5	H P 4 8 2 9 4 0	1 0 J	9
E B Y 0 2 4 5 0	1 1 A	14	H S 2 1 0 0 2 0	0 1 A	1
E B Y 0 2 4 6 0	1 1 A	6	H S 2 1 0 0 2 1	0 1 A	1
E B Y 0 2 6 1 0	0 6	18	H S 2 1 0 0 3 1	0 1 A	24
E B Y 0 2 7 0 0	1 1 A	9	H S 2 1 0 0 4 2	0 1 A	11
F A 9 0 4 1 4 7	1 1 A	10	H S 2 1 0 0 5 1	0 2 A	13
F N 0 7 0 0 1 1 S	0 4 A	25	H S 2 1 0 0 6 0	0 2 A	18
FR92300290A380A	1 0 B	1	H S 2 1 0 0 7 0	0 2 A	16
FR92460434A520S	1 0 B	1	H S 2 1 0 0 8 0	0 2 A	21
H B 2 3 0 0 7 0	0 3 B	8	H S 2 1 0 0 9 0	0 2 A	23
H B 2 3 0 0 8 0	0 3 B	9	H S 2 1 0 1 0 0	0 2 A	12
H B 2 3 0 2 0 0	0 4 B	11	H S 2 1 0 1 1 1	0 2 A	10
H B 2 3 0 2 2 0	0 4 C	10	H S 2 1 0 1 2 1	0 2 A	11
H B 2 3 0 2 6 1	0 4 C	9	H S 2 1 0 1 4 2	0 2 A	14
H B 2 3 0 2 7 1	0 4 C	3	H S 2 1 0 1 9 0	0 1 A	10
H B 2 3 0 2 8 1	0 4 C	7	H S 2 1 0 2 3 0	0 1 A	17
H B 2 3 0 3 6 1	0 4 C	6	H S 2 1 0 3 0 0	0 2 A	14
H B 2 3 0 6 2 0	0 3 B	12	H S 2 2 0 0 1 0	0 1 A	4
H B 2 3 0 6 5 0	0 3 B	17	H S 2 7 0 0 3 0	0 2 B	2
H B 2 3 0 8 0 0	0 3 B	15	H S 2 7 0 0 7 0	0 2 B	31
H B 2 4 0 0 2 0	0 5	8	H S 2 7 0 1 1 0	0 2 B	15
H B 2 4 0 0 3 0	0 5	9	H T 2 2 0 0 6 1	0 1 A	5
H B 2 4 0 0 4 1	0 5	10	H T 2 3 0 1 2 0	0 4 A	21
H B 5 6 0 0 6 0	0 5	12	H T 2 3 0 2 2 0	0 5	4
H B 5 6 0 0 8 0	0 5	11	H T 2 3 0 2 6 3	0 4 A	13
H B 5 6 0 2 1 1	0 5	13	H T 2 3 0 2 8 0	0 4 B	24
H B 7 1 0 0 2 0	1 2	16	H T 2 3 0 2 9 0	0 4 B	19
H H 4 8 1 9 3 1	1 0 H	3	H T 2 3 0 3 2 0	0 4 B	18
H H 4 8 1 9 8 0	1 0 C	12	H T 2 3 0 3 3 0	0 4 A	12
H H 4 8 1 9 8 0	1 0 D	8	H T 2 3 0 3 4 0	0 4 B	26
H H 4 8 1 9 8 0	1 0 E	8	H T 2 3 0 3 8 0	0 4 C	5

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
H T 2 3 0 4 1 0	0 4 C	8	K F 2 2 0 7 0 0	0 1 A	21
H T 2 3 0 4 2 0	0 4 C	11	K F 2 2 1 0 2 0	0 1 A	23
H T 2 3 0 4 5 0	0 4 B	9	K F 2 2 1 0 4 0	0 1 A	21
H T 2 3 0 4 6 0	0 4 B	14	K F 2 3 0 5 0 1	0 3 B	24
H T 2 3 0 4 7 1	0 4 B	4	K F 2 3 0 5 3 0	0 4 B	8
H T 2 3 0 4 8 0	0 4 B	15	K F 2 3 0 5 8 2	0 2 D	2
H T 2 3 0 4 9 1	0 4 B	5	K F 2 3 0 6 8 0	0 3 B	23
H T 2 3 0 5 0 0	0 4 B	16	K F 2 3 0 9 1 0	0 4 A	20
H T 2 3 0 5 1 0	0 4 B	12	K F 2 3 0 9 2 0	0 4 A	15
H T 2 3 0 5 2 0	0 2 D	13	K F 2 5 0 2 2 0	0 2 D	7
H T 2 3 0 5 2 0	0 4 B	20	K F 2 5 0 2 3 1	0 2 D	9
H T 2 3 0 5 6 0	0 4 B	25	K F 2 5 0 2 4 1	0 2 D	8
H T 2 3 0 5 9 0	0 4 C	1	K F 2 5 0 2 5 0	0 2 D	10
H T 2 3 0 6 0 0	0 4 C	14	K F 7 1 0 3 9 0	1 2	8
H T 2 3 0 6 1 0	0 4 C	13	K F 7 3 0 5 0 0	1 0 A	3
H T 2 3 0 6 2 0	0 5	3	K F 7 3 0 7 5 0	1 0 A	1
H T 2 3 0 7 2 0	0 4 C	15	K F 7 3 0 7 6 0	1 0 A	2
H T 2 3 0 7 3 0	0 4 B	6	K L 2 2 0 1 4 0	0 1 A	8
H T 2 3 0 7 5 0	0 4 B	3	K L 2 7 0 0 8 1	0 2 C	4
H T 2 3 0 7 6 0	0 4 B	10	K L 2 7 0 0 9 1	0 2 C	8
H T 2 3 0 7 7 0	0 4 B	13	K L 2 7 0 1 0 1	0 2 C	9
H T 2 4 0 1 0 1	0 6	10	K L 2 7 0 1 1 0	0 2 C	6
H T 2 4 0 1 8 0	0 6	11	K L 2 7 0 1 2 0	0 2 C	10
H T 2 4 0 2 9 0	0 6	7	K L 2 7 0 1 3 0	0 2 C	11
H T 2 7 0 0 6 3	0 2 D	22	K L 2 7 0 2 6 0	0 2 C	2
H T 2 7 0 1 8 1	0 2 A	3	K L 2 7 0 4 5 0	0 2 C	7
H T 7 1 0 0 0 0	1 2	9	K N 2 7 0 9 5 2	0 2 A	7
H V 4 8 0 0 6 0	1 0 H	6	K N 2 7 0 9 6 1	0 2 A	5
H V 7 1 0 0 1 0	1 2	14	K N 2 7 1 5 6 0	0 2 A	24
H V 7 1 0 0 2 0	1 2	14	K N 2 7 1 7 5 0	0 2 B	7
K A 4 8 0 0 1 0	1 0 H	6	K N 2 7 1 7 8 2	0 2 B	5
K C 2 5 0 4 8 2	0 1 A	19	K N 2 7 2 0 1 0	0 2 A	9
K C 2 7 0 1 0 1	0 2 D	32	K N 2 7 2 3 5 0	0 2 B	17
K C 2 7 1 0 0 1	0 2 A	15	K N 2 7 2 4 0 1	0 2 A	19
K C 2 7 1 4 3 0	0 2 B	12	K N 2 7 2 4 0 1	0 2 C	5
K C 2 7 1 9 4 0	0 2 A	20	K N 5 1 1 0 2 0	0 1 B	3
K C 3 3 0 1 8 0	0 2 B	3	K N 5 4 0 5 1 0	0 6	9
K C 3 3 0 4 1 0	0 2 B	10	K V 2 3 0 0 4 0	0 4 A	11
K C 3 3 0 5 1 0	0 2 B	9	K W 7 1 0 0 6 0	1 0 K	13
K F 2 2 0 2 3 0	0 1 A	3	K W 7 1 0 0 7 0	1 0 K	13
K F 2 2 0 2 4 0	0 1 A	20	K X 2 3 0 0 5 0	0 4 B	30
K F 2 2 0 2 9 0	0 1 A	2	K X 2 3 0 0 8 0	0 4 B	33
K F 2 2 0 3 0 2	0 1 A	23	K X 2 3 0 1 2 0	0 3 A	5
K F 2 2 0 4 2 1	0 1 A	22	K X 2 3 0 1 4 1	0 3 A	2
K F 2 2 0 5 3 0	0 1 A	22	K X 2 3 0 1 5 2	0 3 A	1

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
K X 2 3 0 1 9 2	0 4 A	3	R D 2 3 0 1 9 1	0 5	5
K X 2 3 0 2 5 1	0 4 A	14	R D 2 3 0 2 0 1	0 3 A	3
K X 2 3 0 3 1 0	0 3 A	6	R D 2 3 0 2 3 0	0 4 B	32
K X 2 5 0 0 8 0	0 1 A	9	R D 2 3 0 2 4 0	0 4 B	28
K X 2 5 0 0 8 0	0 2 A	2	R D 2 3 0 2 5 0	0 5	7
K X 2 5 0 0 8 0	1 0 A	11	R D 2 3 0 3 4 0	0 5	1
K X 2 5 0 0 8 0	1 0 B	12	R D 2 3 0 3 7 0	0 4 A	18
K X 2 7 0 0 0 0	0 2 A	26	R D 2 3 0 4 8 0	0 4 A	7
K X 2 7 0 0 1 0	0 2 A	6	R D 2 3 0 4 9 0	0 4 A	9
K X 2 7 0 0 2 3	0 2 A	4	R D 2 4 0 1 5 4	0 6	5
K X 2 7 0 0 7 0	0 2 C	14	R D 2 4 0 2 7 1	0 4 D	6
K X 2 7 0 0 9 0	0 2 D	4	R D 2 5 0 0 8 0	0 4 A	5
K X 2 7 0 1 0 0	0 2 D	6	R D 2 7 0 0 1 0	0 2 D	33
K X 2 7 0 1 1 0	0 2 D	5	R D 2 7 0 0 2 0	0 2 C	13
K X 2 7 0 1 2 0	0 2 D	3	R D 2 7 0 0 3 2	0 2 C	15
K X 2 7 0 2 8 3	0 2 A	1	R D 2 7 0 0 4 0	0 2 C	12
K X 2 7 0 2 9 0	0 2 D	17	R D 2 7 0 0 5 0	0 2 D	1
K X 2 7 0 3 0 0	0 2 D	19	R D 2 7 0 0 6 0	0 2 D	34
K X 2 7 0 3 1 0	0 2 D	18	R D 5 1 0 0 3 0	1 1 B - 1	3
K X 2 7 0 3 2 0	0 2 D	16	R D 5 1 0 0 3 0	1 1 B - 2	5
K X 2 7 0 3 4 0	0 2 D	11	R D 7 1 0 3 1 0	1 2	11
K X 2 7 0 3 5 0	0 2 D	20	R D 7 1 0 3 3 0	1 2	4
K X 2 7 0 3 6 0	0 2 D	15	R D 7 1 0 3 4 0	1 2	3
K X 2 7 0 4 3 0	0 2 A	27	R D 7 1 0 3 5 1	1 2	7
K X 3 3 0 0 2 0	0 4 D	2	R D 7 1 0 3 6 1	1 2	6
K X 5 1 0 1 4 0	0 4 D	15	R D 7 1 0 3 7 0	1 2	2
L A 2 3 0 2 8 1	0 3 A	7	R D 7 1 0 3 8 0	1 2	5
L A 2 7 0 0 7 0	0 2 D	12	R F 4 5 0 0 4 1	1 0 K	17
L A 3 3 0 1 6 0	0 4 D	1	R H 2 3 0 2 7 1	0 3 B	14
L A 7 3 0 5 9 0	1 0 B	6	R H 2 3 0 2 8 0	0 3 B	13
L A 7 3 0 6 1 0	1 0 B	4	R H 2 3 0 2 9 0	0 3 B	10
L A 7 3 0 6 3 0	1 0 B	5	R H 2 3 0 3 0 0	0 3 B	11
L A 7 3 0 6 5 0	1 0 B	3	R H 2 3 0 3 1 1	0 3 B	20
M T 2 7 2 5 0 0	0 2 A	25	R H 2 3 0 3 2 0	0 3 B	28
R A 3 1 0 3 8 0	0 8 - 1	2	R H 2 3 0 3 3 0	0 3 B	27
R D 2 3 0 0 2 0	0 4 A	1	R H 2 3 0 4 1 0	0 4 A	10
R D 2 3 0 0 3 1	0 4 A	2	R H 2 3 0 4 4 0	0 4 A	22
R D 2 3 0 0 5 0	0 4 B	29	R H 2 3 0 4 5 0	0 4 A	24
R D 2 3 0 0 6 0	0 4 A	17	R H 2 3 0 4 6 0	0 4 A	23
R D 2 3 0 0 8 0	0 3 A	4	R H 2 3 0 5 4 0	0 4 B	23
R D 2 3 0 1 1 1	0 4 D	3	R H 2 3 0 5 5 0	0 4 B	22
R D 2 3 0 1 3 0	0 3 B	19	R H 2 3 0 6 1 0	0 3 B	25
R D 2 3 0 1 5 0	0 4 B	2	R H 2 3 0 8 0 1	0 3 B	22
R D 2 3 0 1 7 0	0 4 A	8	R H 2 3 0 8 1 0	0 3 B	21
R D 2 3 0 1 8 0	0 4 A	4	R N 2 3 0 0 0 0	0 3 B	1

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
R N 2 3 0 0 1 0	0 3 B	2	R V 2 5 0 0 1 1	0 4 D	5
R N 2 3 0 0 2 0	0 3 B	3	R V 2 5 0 0 2 1	0 4 D	5
R N 2 3 0 0 3 0	0 3 B	4	R V 2 5 0 0 3 1	0 4 D	5
R N 2 3 0 0 4 0	0 3 B	5	R V 2 5 0 0 4 0	0 4 D	16
R N 2 3 0 0 6 1	0 3 B	1	R V 2 5 0 0 5 0	0 4 D	7
R N 2 3 0 0 7 1	0 3 B	10	R V 2 5 0 0 6 0	0 4 A	5
R P 3 1 0 1 7 0	0 8 - 1	1	R V 2 5 0 0 7 0	0 4 D	4
R P 3 1 0 1 7 0	0 8 - 2	1	R V 2 5 0 0 9 0	0 2 C	16
R P 3 1 0 2 0 1	0 8 - 1	2	R V 2 5 0 1 1 1	0 2 C	17
R P 3 1 0 2 0 1	0 8 - 2	2	R V 2 5 0 1 2 1	0 2 C	19
R P 4 8 0 2 0 0	1 0 C	18	S C 1 2 0 0 1 0	0 0 B	7
R P 4 8 0 2 0 0	1 0 D	14	S C 1 2 0 0 2 0	0 0 B	9
R P 4 8 0 2 0 0	1 0 E	14	S C 1 2 0 0 3 0	0 0 B	1
R P 4 8 0 2 0 0	1 0 F	15	S C 1 2 0 0 4 0	0 0 B	3
R Q 1 2 0 0 8 0	0 0 B	4	S C 1 4 0 0 2 0	0 0 B	18
R Q 3 1 0 0 0 0	0 8 - 1	8	S C 1 4 0 0 3 0	0 0 B	17
R Q 3 1 0 0 0 0	0 8 - 2	8	S C 1 4 0 0 4 0	0 0 B	15
R R 2 4 0 3 0 0	0 6	8	S C 1 4 0 0 9 0	0 0 B	5
R R 2 4 0 3 3 0	0 6	20	S C 1 4 0 1 1 0	0 0 A - 1	8
R R 2 4 0 3 9 0	0 6	12	S C 1 4 0 1 1 0	0 0 A - 2	8
R R 2 4 0 5 1 0	0 6	6	S C 1 4 0 1 2 0	0 0 A - 1	6
R V 2 1 0 0 0 0	0 3 B	26	S C 1 4 0 1 2 0	0 0 A - 2	6
R V 2 3 0 0 1 0	0 4 A	16	S C 1 4 0 1 3 0	0 0 A - 1	5
R V 2 3 0 0 2 0	0 4 B	1	S C 1 4 0 1 3 0	0 0 A - 2	5
R V 2 3 0 0 3 0	0 4 A	19	S C 1 4 0 1 4 0	0 0 B	12
R V 2 3 0 0 4 0	0 4 A	6	S C 1 4 0 1 6 0	0 0 A - 1	13
R V 2 3 0 0 5 0	0 5	2	S C 1 4 0 1 6 0	0 0 A - 2	13
R V 2 3 0 0 6 0	0 3 B	18	S C 1 4 0 1 7 0	0 0 A - 1	14
R V 2 3 0 0 7 0	0 3 B	16	S C 1 4 0 1 7 0	0 0 A - 2	14
R V 2 3 0 1 2 0	0 4 A	6	S C 1 4 0 1 8 0	0 0 A - 1	10
R V 2 3 0 1 3 0	0 4 A	16	S C 1 4 0 1 8 0	0 0 A - 2	10
R V 2 3 0 1 8 0	0 4 C	12	S C 1 6 0 0 1 0	0 0 A - 1	16
R V 2 3 0 1 9 0	0 4 C	4	S C 1 6 0 0 1 0	0 0 A - 2	16
R V 2 3 0 2 0 0	0 4 C	2	S C 1 6 0 0 2 0	0 0 A - 1	17
R V 2 3 0 2 5 0	0 4 B	27	S C 1 6 0 0 2 0	0 0 A - 2	17
R V 2 4 0 0 1 0	0 6	13	S C 1 6 0 0 3 0	0 0 A - 1	18
R V 2 4 0 0 2 0	0 6	3	S C 1 6 0 0 3 0	0 0 A - 2	18
R V 2 4 0 0 4 0	0 6	14	S C 1 6 0 0 4 0	0 8 - 2	4
R V 2 4 0 0 5 0	0 6	15	S C 2 1 0 0 0 0	0 1 A	15
R V 2 4 0 0 6 1	0 6	17	S C 2 1 0 0 1 0	0 0 B	13
R V 2 4 0 0 7 0	0 6	24	S C 2 1 0 0 1 0	0 1 A	16
R V 2 4 0 0 8 0	0 6	23	S C 2 5 0 0 0 0	0 8 - 1	18
R V 2 4 0 0 9 0	0 6	16	S C 2 5 0 0 0 0	0 8 - 2	18
R V 2 4 0 1 0 0	0 6	1	S C 2 5 0 0 1 0	0 8 - 2	22
R V 2 4 0 1 1 0	0 6	2	S C 2 5 0 0 2 0	0 2 B	14

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
S C 2 5 0 0 3 0	1 0 H	2	S C 3 3 0 1 2 0	0 7	18
S C 2 5 0 0 4 0	1 0 C	9	S C 3 3 0 1 3 0	0 1 B	2
S C 2 5 0 0 4 0	1 0 D	5	S C 4 8 0 0 0 0	1 0 K	3
S C 2 5 0 0 4 0	1 0 E	5	S C 4 8 0 0 1 0	1 0 C	19
S C 2 5 0 0 4 0	1 0 F	6	S C 4 8 0 0 1 0	1 0 D	15
S C 2 5 0 0 7 0	1 0 C	10	S C 4 8 0 0 1 0	1 0 E	15
S C 2 5 0 0 7 0	1 0 D	6	S C 4 8 0 0 1 0	1 0 F	16
S C 2 5 0 0 7 0	1 0 E	6	S C 4 8 0 0 1 0	1 0 J	2
S C 2 5 0 0 7 0	1 0 F	7	S C 4 8 0 0 2 0	1 0 C	14
S C 2 5 0 0 8 0	0 1 B	4	S C 4 8 0 0 2 0	1 0 D	10
S C 2 7 0 0 0 0	0 2 B	11	S C 4 8 0 0 2 0	1 0 E	10
S C 3 1 0 0 0 0	0 8 - 1	17	S C 4 8 0 0 2 0	1 0 F	11
S C 3 1 0 0 0 0	0 8 - 2	17	S C 4 8 0 0 2 0	1 0 J	3
S C 3 1 0 0 1 0	0 8 - 1	14	S C 4 8 0 0 3 0	1 0 C	17
S C 3 1 0 0 1 0	0 8 - 2	14	S C 4 8 0 0 3 0	1 0 D	13
S C 3 1 0 0 2 0	0 8 - 1	10	S C 4 8 0 0 3 0	1 0 E	13
S C 3 1 0 0 2 0	0 8 - 2	10	S C 4 8 0 0 3 0	1 0 F	14
S C 3 1 0 0 3 0	0 8 - 1	11	S C 4 8 0 0 3 0	1 0 J	4
S C 3 1 0 0 3 0	0 8 - 2	11	S C 4 8 0 0 4 0	1 0 C	11
S C 3 1 0 0 4 0	0 8 - 2	12	S C 4 8 0 0 4 0	1 0 D	7
S C 3 1 0 0 5 0	0 8 - 1	15	S C 4 8 0 0 4 0	1 0 E	7
S C 3 1 0 0 5 0	0 8 - 2	15	S C 4 8 0 0 4 0	1 0 F	8
S C 3 1 0 0 6 0	0 8 - 1	13	S C 4 8 0 0 5 0	1 0 C	16
S C 3 1 0 0 6 0	0 8 - 2	13	S C 4 8 0 0 5 0	1 0 D	12
S C 3 1 0 0 7 0	0 8 - 1	19	S C 4 8 0 0 5 0	1 0 E	12
S C 3 1 0 0 7 0	0 8 - 2	19	S C 4 8 0 0 5 0	1 0 F	13
S C 3 1 0 0 8 0	0 8 - 2	23	S C 4 8 0 0 7 0	1 0 K	8
S C 3 1 0 0 9 0	0 8 - 2	20	S C 4 8 0 0 8 0	1 0 C	24
S C 3 1 0 1 0 0	0 8 - 1	16	S C 4 8 0 0 9 0	1 0 F	19
S C 3 1 0 1 0 0	0 8 - 2	16	S C 4 8 0 1 0 0	1 0 D	18
S C 3 1 0 1 1 0	0 8 - 1	22	S C 4 8 0 1 1 0	1 0 E	18
S C 3 1 0 1 2 0	0 8 - 1	20	S C 4 8 0 1 2 0	1 0 C	21
S C 3 1 0 1 3 0	0 8 - 1	22	S C 4 8 0 1 3 0	1 0 F	18
S C 3 1 0 1 4 0	0 8 - 1	20	S C 4 8 0 1 4 0	1 0 D	17
S C 3 1 0 1 5 0	0 8 - 1	12	S C 4 8 0 1 5 0	1 0 E	17
S C 3 3 0 0 1 0	0 7	11	S C 4 8 0 1 6 0	1 0 J	5
S C 3 3 0 0 2 0	0 7	22	S C 4 8 0 1 7 0	1 0 K	10
S C 3 3 0 0 3 0	0 7	21	S C 4 8 0 1 8 1	1 0 K	7
S C 3 3 0 0 4 0	0 7	10	S C 4 8 0 1 9 0	1 0 J	7
S C 3 3 0 0 5 0	0 7	15	S C 4 8 0 2 0 1	1 0 J	10
S C 3 3 0 0 6 0	0 7	16	S C 4 8 0 2 1 0	1 0 C	8
S C 3 3 0 0 8 0	0 7	8	S C 4 8 0 2 1 0	1 0 D	4
S C 3 3 0 0 9 0	0 7	14	S C 4 8 0 2 1 0	1 0 E	4
S C 3 3 0 1 0 0	0 7	5	S C 4 8 0 2 1 0	1 0 F	5
S C 3 3 0 1 1 0	0 7	1	S C 4 8 0 2 2 0	1 0 H	4

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
S C 4 8 0 2 3 0	1 0 J	11	S C 4 8 1 2 9 0	1 0 I	6
S C 4 8 0 2 4 0	1 0 J	17	S C 4 8 1 3 0 0	1 0 G	8
S C 4 8 0 2 6 0	1 0 J	6	S C 4 8 1 3 1 0	1 0 G	1
S C 4 8 0 2 9 0	1 0 C	26	S C 4 8 1 3 2 0	1 0 I	3
S C 4 8 0 3 0 0	1 0 J	12	S C 4 8 1 3 3 0	1 0 H	1
S C 4 8 0 3 1 0	1 0 J	16	S C 4 8 1 3 4 0	1 0 I	4
S C 4 8 0 3 3 0	1 0 C	4	S C 4 8 1 3 7 0	0 8 - 1	1
S C 4 8 0 3 3 0	1 0 D	1	S C 4 8 1 3 9 0	1 0 I	1
S C 4 8 0 3 3 0	1 0 E	1	S C 4 8 1 4 0 0	1 0 I	5
S C 4 8 0 3 3 0	1 0 F	1	S C 4 8 1 7 1 0	1 0 K	16
S C 4 8 0 3 4 0	1 0 H	5	S C 4 8 1 7 2 0	1 0 J	19
S C 4 8 0 3 5 0	1 0 H	7	S C 5 1 0 0 0 0	1 2	15
S C 4 8 0 3 6 0	1 0 H	9	S C 5 1 0 0 2 0	1 1 B - 2	3
S C 4 8 0 3 7 0	1 0 H	1	S C 5 1 0 0 3 0	1 1 B - 2	2
S C 4 8 0 8 0 0	1 0 I	5	S C 5 1 0 0 4 0	1 1 B - 2	1
S C 4 8 0 8 1 0	1 0 I	7	S C 5 1 0 1 8 0	1 1 B - 1	1
S C 4 8 0 8 2 0	1 0 I	6	S C 7 1 0 0 1 0	1 2	10
S C 4 8 0 8 3 0	1 0 I	8	S C 7 1 0 0 2 0	1 2	13
S C 4 8 1 0 0 0	1 0 I	1	S C 7 1 0 0 3 0	1 2	12
S C 4 8 1 0 1 0	1 0 I	4	S C 7 1 0 0 4 0	1 2	13
S C 4 8 1 0 2 0	1 0 I	3	S C 7 3 0 0 0 0	1 0 A	8
S C 4 8 1 0 3 0	1 0 I	2	S C 7 3 0 0 1 0	1 0 A	4
S C 4 8 1 0 4 0	1 0 G	1	S C 7 3 0 0 3 0	1 0 A	7
S C 4 8 1 0 5 0	1 0 G	2	S C 7 3 0 0 4 1	1 0 A	6
S C 4 8 1 0 6 0	1 0 G	3	S C 7 3 0 0 5 0	1 0 A	4
S C 4 8 1 0 7 0	1 0 G	7	S C 7 3 0 0 6 0	1 0 A	8
S C 4 8 1 0 8 0	1 0 G	4	S C 7 3 0 0 9 2	1 0 B	2
S C 4 8 1 0 9 0	1 0 G	10	S C 7 3 0 1 0 2	1 0 B	7
S C 4 8 1 1 0 0	1 0 G	9	S C 7 3 0 1 1 1	1 0 B	8
S C 4 8 1 1 1 0	1 0 G	8	S C 7 3 0 2 3 0	1 0 A	9
S C 4 8 1 1 2 0	1 0 G	5	S C 7 3 0 2 3 0	1 0 B	10
S C 4 8 1 1 3 0	1 0 G	6	S C 7 3 0 2 4 0	1 0 A	10
S C 4 8 1 1 4 0	1 0 H	1	S C 7 3 0 2 4 0	1 0 B	11
S C 4 8 1 1 5 0	1 0 I	2	S F 2 5 0 1 4 0	0 4 D	12
S C 4 8 1 1 6 0	1 0 I	3	S F 2 5 0 1 5 0	0 4 D	9
S C 4 8 1 1 7 0	1 0 I	4	S J 1 2 0 0 0 0	0 0 B	2
S C 4 8 1 1 8 0	1 0 I	1	S J 1 2 0 0 1 0	0 0 B	2
S C 4 8 1 1 9 0	1 0 I	7	S J 1 2 0 0 3 0	0 0 B	2
S C 4 8 1 2 0 0	1 0 I	5	S J 1 3 0 0 0 0	0 8 - 1	21
S C 4 8 1 2 1 0	1 0 G	8	S J 1 3 0 0 0 0	0 8 - 2	21
S C 4 8 1 2 2 0	1 0 G	10	S J 1 3 0 0 1 0	0 8 - 1	21
S C 4 8 1 2 3 0	1 0 G	1	S J 1 3 0 0 1 0	0 8 - 2	21
S C 4 8 1 2 4 0	1 0 I	7	S J 1 3 0 0 2 0	0 8 - 1	21
S C 4 8 1 2 5 0	1 0 I	2	S J 1 3 0 0 2 0	0 8 - 2	21
S C 4 8 1 2 8 0	1 0 H	7	S J 1 3 0 0 3 0	0 8 - 1	21

INDEX

LIST No.	SECTION No.	ITEM	LIST No.	SECTION No.	ITEM
S J 1 3 0 0 3 0	0 8 - 2	21	S J 4 8 0 0 1 0	1 0 F	4
S J 1 3 0 0 4 0	0 8 - 1	21	S J 4 8 0 0 2 0	1 0 C	25
S J 1 3 0 0 4 0	0 8 - 2	21	S J 4 8 0 0 2 0	1 0 D	19
S J 1 4 0 0 0 0	0 0 B	14	S J 4 8 0 0 2 0	1 0 E	19
S J 1 4 0 0 1 0	0 0 B	11	S J 4 8 0 0 2 0	1 0 F	20
S J 1 4 0 0 2 0	0 0 B	10	S J 4 8 0 0 3 0	1 0 K	9
S J 1 4 0 0 3 0	0 0 A - 1	9	S J 4 8 0 0 4 0	1 0 K	11
S J 1 4 0 0 3 0	0 0 A - 2	9	S J 4 8 0 0 5 0	1 0 J	15
S J 1 4 0 0 4 0	0 0 A - 1	3	S J 5 1 0 0 0 0	1 1 B - 1	6
S J 1 4 0 0 4 0	0 0 A - 2	3	S J 5 1 0 0 0 0	1 1 B - 2	8
S J 1 4 0 0 5 0	0 0 A - 1	1	S J 7 1 0 0 0 1	1 2	1
S J 1 4 0 0 5 0	0 0 A - 2	1			
S J 1 4 0 0 6 0	0 0 A - 1	2			
S J 1 4 0 0 6 0	0 0 A - 2	2			
S J 1 6 0 0 0 0	0 0 A - 1	4			
S J 1 6 0 0 1 0	0 0 A - 1	4			
S J 1 6 0 0 3 0	0 8 - 1	4			
S J 1 6 0 0 4 0	0 0 A - 1	19			
S J 1 6 0 0 5 0	0 0 A - 2	4			
S J 2 1 0 0 2 0	0 1 A	17			
S J 2 1 0 0 3 0	0 1 A	18			
S J 2 1 0 0 4 0	0 2 A	18			
S J 2 2 0 0 1 0	0 1 A	6			
S J 2 4 0 0 1 0	0 6	21			
S J 2 5 0 0 0 0	0 4 D	13			
S J 2 5 0 0 1 0	0 4 D	13			
S J 2 5 0 0 2 0	0 4 D	13			
S J 2 5 0 0 3 0	0 4 D	13			
S J 2 5 0 0 4 0	0 8 - 1	18			
S J 2 5 0 0 4 0	0 8 - 2	18			
S J 2 5 0 0 5 0	0 2 B	14			
S J 2 5 0 0 6 0	1 0 C	1			
S J 2 5 0 0 7 0	1 0 K	12			
S J 2 5 0 0 8 0	0 8 - 2	22			
S J 2 5 0 0 9 0	1 0 C	2			
S J 3 2 0 0 1 0	0 1 A	12			
S J 3 3 0 0 2 0	0 7	9			
S J 4 8 0 0 0 0	1 0 C	13			
S J 4 8 0 0 0 0	1 0 D	9			
S J 4 8 0 0 0 0	1 0 E	9			
S J 4 8 0 0 0 0	1 0 F	10			
S J 4 8 0 0 0 0	1 0 K	4			
S J 4 8 0 0 1 0	1 0 C	7			
S J 4 8 0 0 1 0	1 0 D	3			
S J 4 8 0 0 1 0	1 0 E	3			