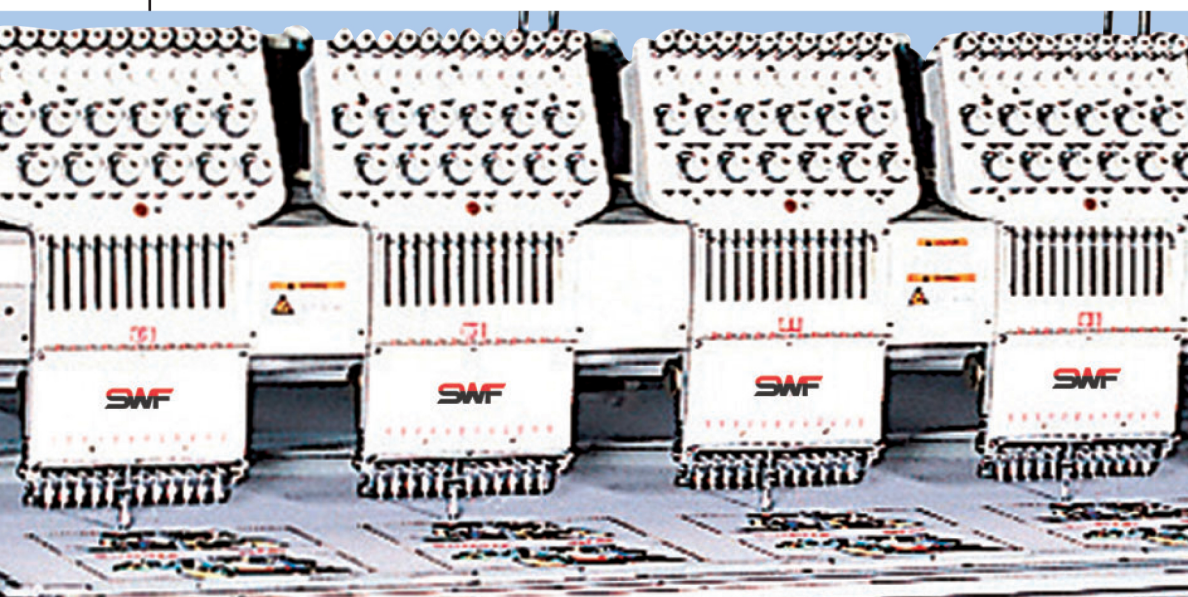


PARTS BOOK

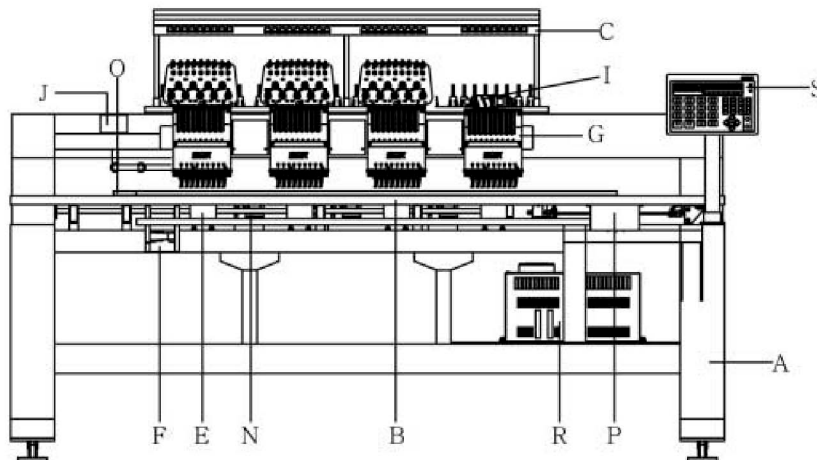


SIX-HEAD AUTOMATIC EMBROIDERY MACHINE WITH FLAT

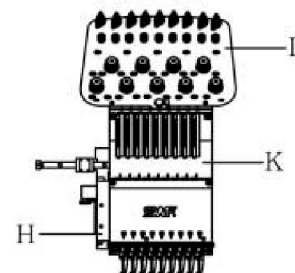
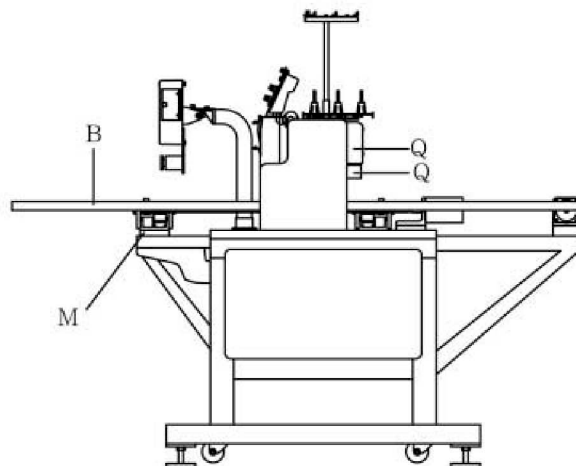


PME-060220

Machine Layout



- A. Machine Body Ass'y
- B. Work Table
- C. Thread Stand
- D. Main Drive System
- E. Rotary Hook Base
- F. Thread Cutting Drive System
- G. Encoder Set
- H. Arm
- H1. Arm (I)
- I. Color Change System
- J. Wiper Set
- K. Head
- L. Thread Tension Unit
- M. X-Axis Drive System
- N. Y-Axis Drive System
- O. Frame
- P. Bar Switch
- Q. Sub Control Unit & Lamp Unit
- R. Main Controller
- S. Operation Unit
- T. Bobbin Winder





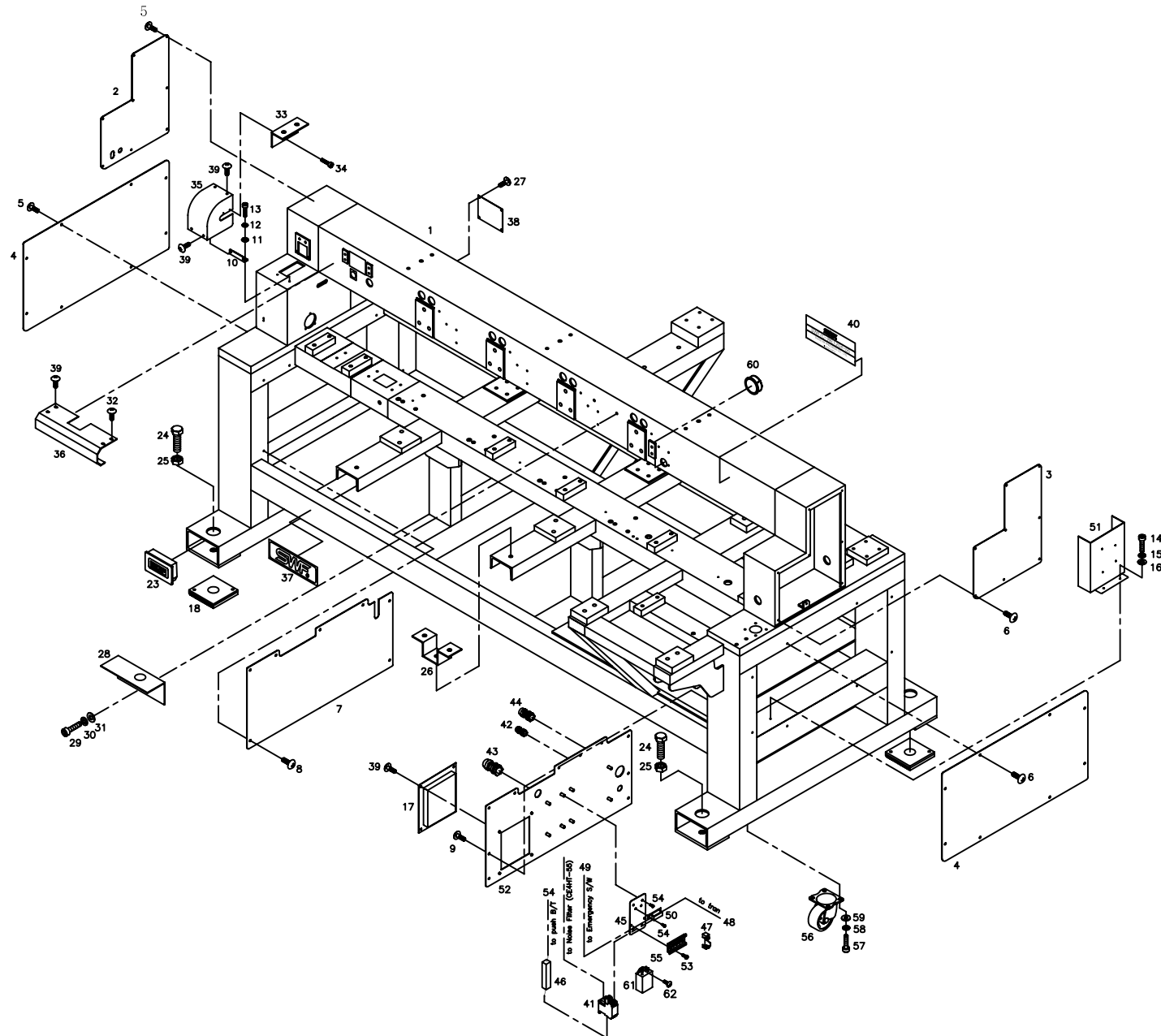
CONTENT

A	Machine Body Ass'y	7
B	Work Table	9
C	Thread Stand	11
D	Main Drive System	13
E	Rotary Hook Base	15
F	Thread Cutting Drive System	17
G	Encoder Set	19
H	Arm	21
H1	Arm I	25
I	Color Change System	27
J	Wiper Set	29
K	Head	33
L	Thread Tension Unit	37
M	X-Axis Drive System	39
N	Y-Axis Drive System	41
O	Frame	45
P	Bar Switch	47
Q	Sub Control Unit & Lamp Unit	49
R	Main Controller	51
S	Operation Unit	53
T	Bobbin Winder	55

※ 본책자는 파트북으로 제작되었으므로 메뉴얼로 사용불가합니다.
(This is a parts book. It cannot be used as a manual.)

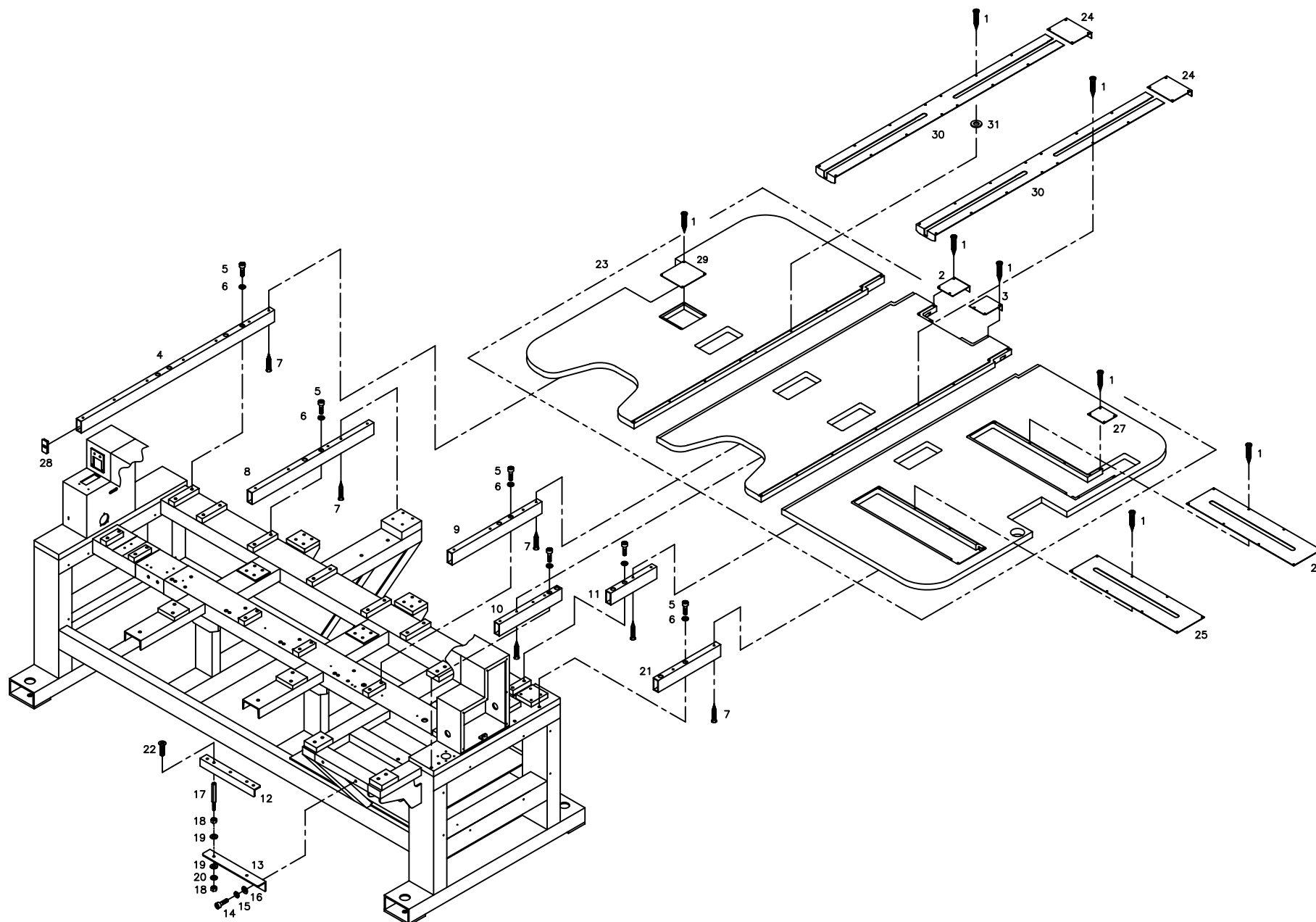
A

Machine Body Ass'y



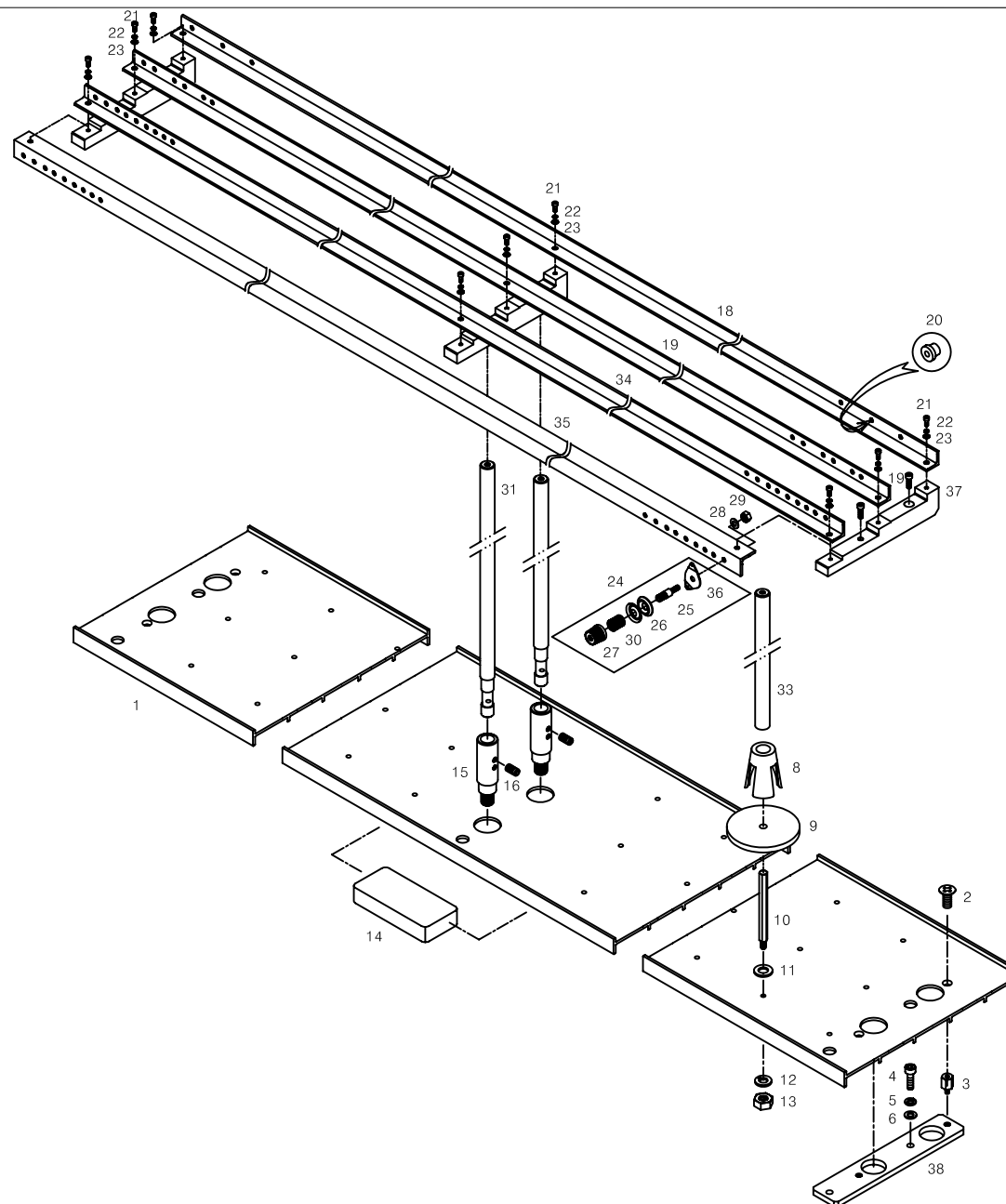
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C

Thread Stand



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Main Drive System

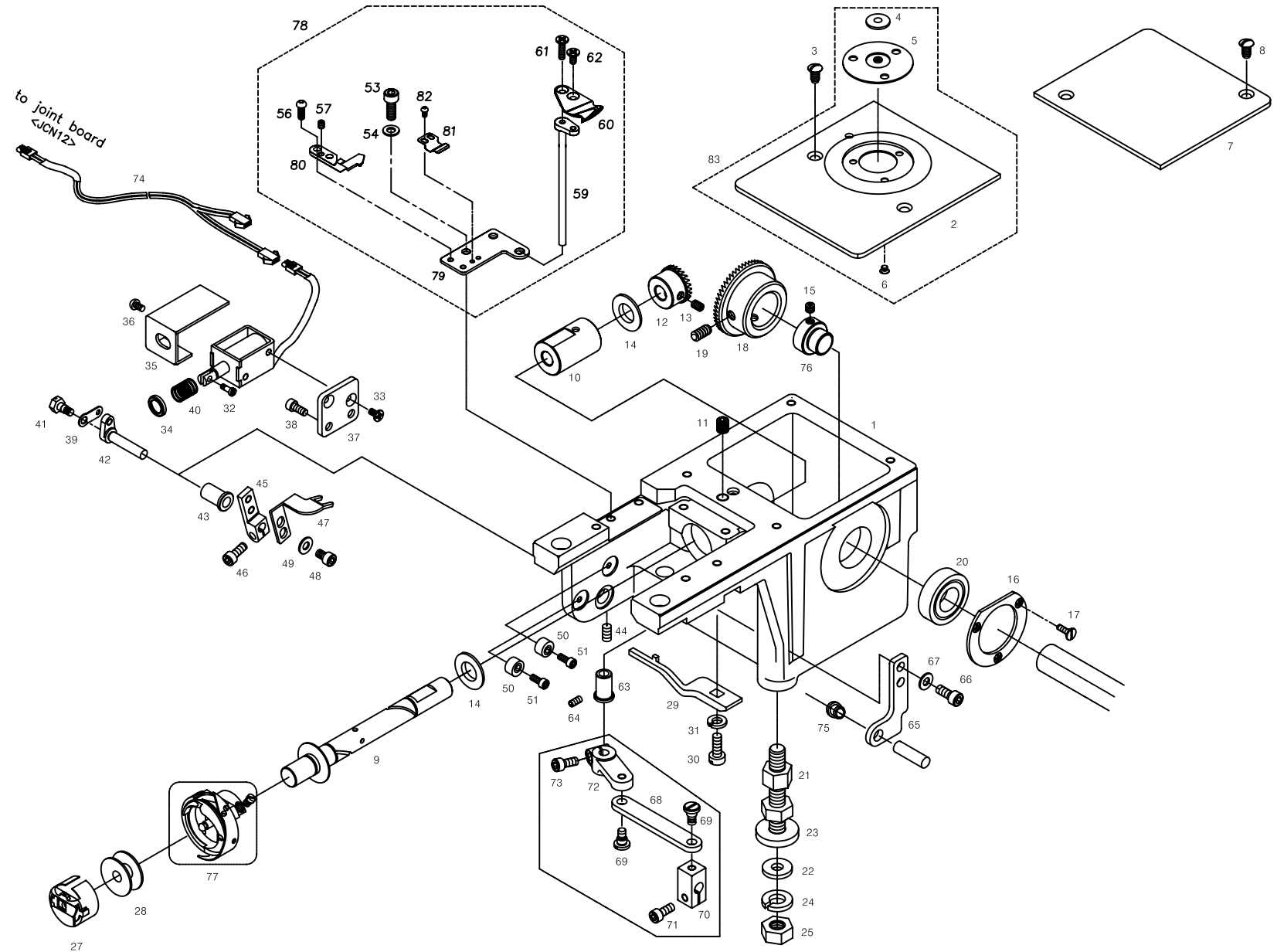


Ref.No	Part No.	Part Names	Q'ty
D-001	15095SW-3115	Spring Washer (@8)	1
D-002	14060AF-4517	Hex.Socket Screw(M6*L6)	10
D-003	13053PR-UK01	Angle Plate Base	1
D-004	14006SC-7113	Hex.Socket Set Screw(M8*L15)	1
D-005	13054ET-UK01	Angle Disk	1
D-006	13061SC-8119	Plus Screw (M3*L10)	6
D-007	14027SC-4113	Hex.Socket Bolt (M8*L30)	2
D-008	01029BR-A001	Ball Bearing (6004Zz)	2
D-009	14058CW-A001	Collar "A"	1
D-011	13107CW-UK01	Collar	1
D-012	13106PR-UK01	Idler Spacer	1
D-013	14063SC-A001	Tension Control Bolt (M6*L40)	2
D-014	18015SW-3111	Washer (4@)	2
D-018	15095SW-3115	Spring Washer (@8)	2
D-019	08041SW-1111	Washer (@8-S)	2
D-020	02001000E000	Idler Support Bracket	1
D-021	13042SN-1111	Hex.Nut (M6*T5-R)	2
D-022	03000200U000	Timing Belt (25-S5M*L625)	1
D-023	03000300U000	Idler	1
	13026BR-T121	Needle Bearing (6002Z)	2
D-025	03012100U000	Low Shaft Support Bracket	1
D-026	08091SC-7113	Hex. Socket Bolt (M6*L20)	2
D-027	16014SW-4115	Spring Washer (@6)	4
D-028	08057SW-1111	Washer (@6)	4
D-029	03000130U000	Pulley (Tubular)	1
D-030	03012200U000	Indicator	1
D-031	02000800E000	Pulley (Tubular)	1
D-032	03026SW-9115	Spring Washer (@6)	2
D-033	03010SR-4013	C-Ring (@47)	2
D-034	01001100H000	Ball Bearing (6005Zz)	2
D-035	02000600E000	Upper Shaft Support Bracket	1
D-037	03005210H000	Collar "A"	2
D-038	14017PR-E131	BEARING COVER	2
D-039	02000110ED40	Top Shaft	1
D-040	14061AF-4517	Hex.Socket Screw(M8*L8)	8
D-041	02001100E000	Idler Plate	1
D-042	13120CW-UK01	IDLER SHAFT	1
D-043	06025MC-7113	HEX.SOCKET BOLT(M6*L25)	2
D-044	02015SC-7113	HEX.SOCKET BOLT(M4*L10)	2
D-045	02028SW-9115	SPRING WASHER (@4)	2

Ref. No	Part No.	Part Names	Q'ty
D-046	04029SW-A001	STUD BOLT WASHER(S) (@8)	1
D-047	08087SC-7113	HEX. SOCKET BOLT (M8*L25)	2
D-048	15095SW-3115	SPRING WASHER (@8)	2
D-049	08041SW-1111	WASHER (@8-S)	2
D-050	14046SC-7113	HEX.SOCKET BOLT (M6*L30)	2
D-051	08057SW-1111	WASHER (@6)	2
D-052	22006SC-7113	HEX. SOCKET BOLT (M3*L8)	6
D-053	02000210ED40	Low Shaft A	1
D-054	02000300ED40	Low Shaft B	1
D-055	03003800B000	Low Shaft Coupling	2
D-056	17039SC-4113	Hex. Socket Bolt (M6*L17)	8
D-057	02106500U040	Sh-65-2	1
D-058	SFAM-600-003	Main Motor	1
D-060	04014SC-4517	Hex.Socket Set Screw(M5*L5)	2
D-061	08062SC-7113	HEX. SOCKET BOLT (M5*L20)	4
D-062	18048SW-3115	Spring Washer (5@)	4
D-063	18049SW-3111	Washer (@5)	4
D-064	03006400U000	Motor Fixing	1
D-065	08091SC-7113	HEX. SOCKET BOLT (M6*L20)	4
D-066	16014SW-4115	Spring Washer (@6)	4
D-067	08057SW-1111	Washer (@6)	4
D-068	03000900U000	Tension Adjusting Block	1
D-069	14063SC-A001	Tension Control Bolt (M6*L40)	1
D-070	08057SW-1111	Washer (@6)	1
D-071	08058SN-1311	Hex. Nut (M6-No3)	1
D-072	08062SC-7113	Hex. Socket Bolt (M5*L20)	2
D-073	18048SW-3115	Spring Washer (5@)	2
D-074	18049SW-3111	Washer (@5)	2
D-075	02106400U060	Cable (Sh-64-4)	1
D-076	03100700UH80	MAIN DRIVING BELT 200J	1
D-077	03010800UH80	MAIN MOTOR PULLEY	1
D-078	03010800UH00	TOP SHAFT PULLEY	1
D-079	03000900U060	TENSION ADJUSTING BLOCK	1

E

Rotary Hook Base

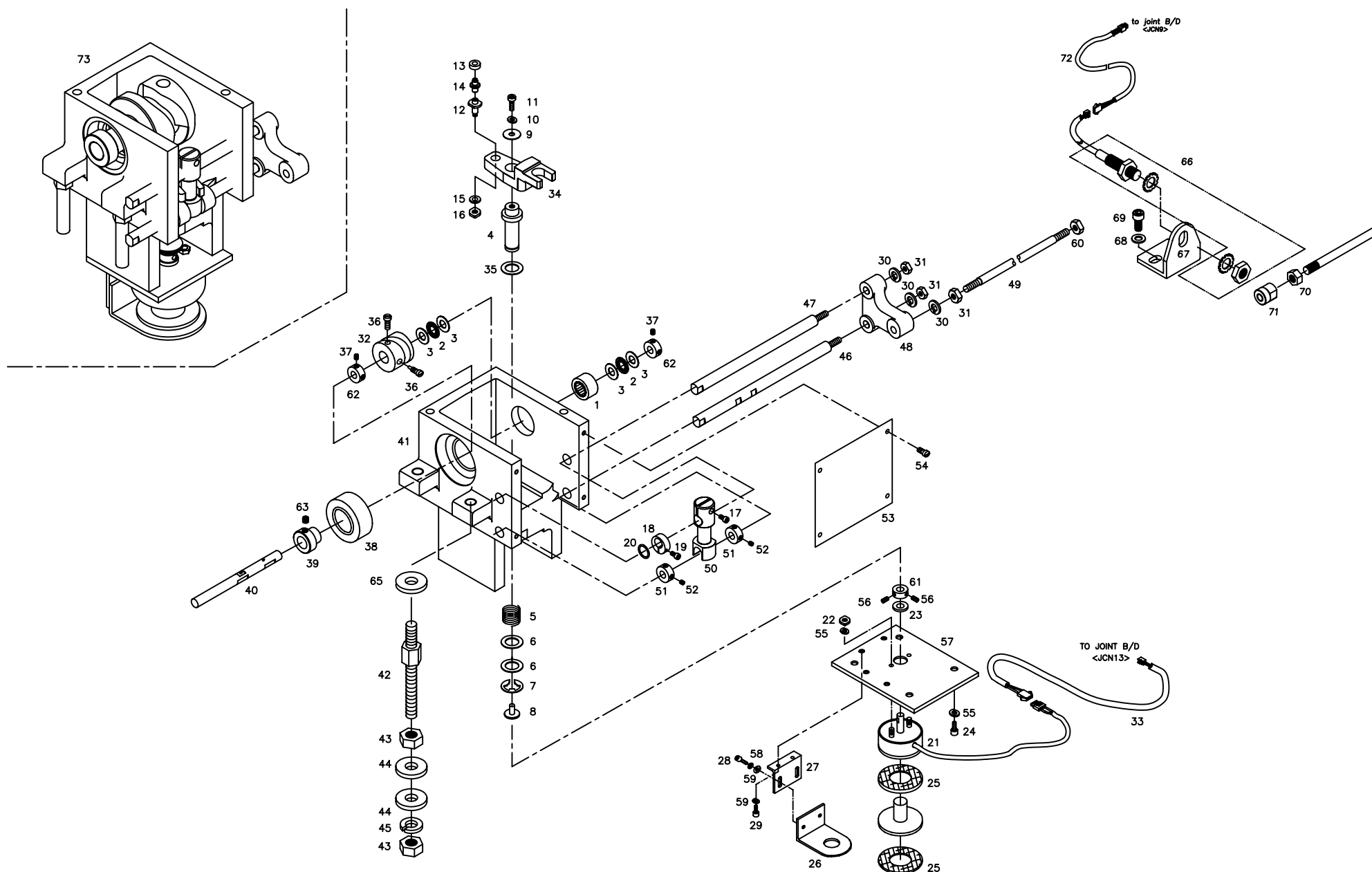


Ref.No	Part No.	Part Names	Q'ty
E-001	01100100H000	Rotary Hook Base	4
E-002	12000300B000	NEEDLE PLATE	4
E-003	04004AF-A001	Needle Plate Screw	8
E-004	04043RB-B001	Needle Plate Cushion Rubber	4
E-005	12000400B000	NEEDLE PLATE ATTACHMENT	4
E-006	04007SC-A001	Cushion Cover Screw (M3*L2.3)	12
E-007	04008PR-A001	Hook Base Cover	4
E-008	04004AF-A001	Needle Plate Screw	8
E-009	01100210B000	Hook Shaft	4
E-010	01100310H000	Hook Shaft Bush	4
E-011	04012AF-A001	Hook Shaft Bush Screw	8
E-012	01101900U000	Hook Shaft Gear	4
E-013	04016AF-A001	Cam Collar Screw	8
E-014	02004BR-T121	Hook Shaft Bearing Washer	8
E-015	04016AF-A001	Cam Collar Screw	8
E-016	01100400H000	Bearing Cover	4
E-017	15064SC-A001	C.S Screw (M3*L3.5)	12
E-018	01101700U000	Low Shaft Gear	4
E-019	04016AF-A001	Cam Collar Screw	8
E-020	04026BR-A001	Ball Bearing 6003Z	4
E-021	04028SC-A001	Stud Bolt (M10*L69)	12
E-022	04029SW-A001	Stud Bolt Washer(S) (@8)	12
E-023	04030SW-A001	Stud Bolt Washer(L) (@8)	12
E-024	15095SW-3115	Spring Washer (@8)	12
E-025	04032SN-A001	Hex. Nut (M8-No2)	24
E-027	04034AF-A001	Bobbin Case Set	4
E-028	04035AF-A001	Bobbin	4
E-029	GP-010609-00	Rotary Hook Support	4
E-030	04037SC-A001	Picker Bracket Screw(R)	4
E-031	18048SW-3115	Spring Washer (@5)	4
E-032	10009EL-A001	Picker Sol. Set	4
E-033	10010SC-8119	Plus Screw (M3*L5)	8
E-034	10012RB-A001	Cushion Washer	4
E-035	10013PM-A001	Picker Sol. Cover	4
E-036	06010AF-8118	Plus Screw(M3*L4)	8
E-037	10015PR-A001	Picker Sol. Base	4
E-038	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
E-039	10019PR-A001	Connecting Link	4
E-040	10011SP-A001	Sol. Spring	4
E-041	10020SC-A001	Connecting Link Stud Screw	4

Ref. No	Part No.	Part Names	Q'ty
E-042	10006FU-A001	Picker Connecting Crank	4
E-043	08015PM-A001	Bushing	4
E-044	03020SC-A001	Drive Pin Screw 11/64,N40,L8	4
E-045	10004CW-A001	Picker Holder	4
E-046	02023SC-7113	Hex. Socket Bolt (M4*L8)	4
E-047	10001AF-A001	Picker	4
E-048	02014SC-7113	Hex. Socket Bolt (M4*L5)	8
E-049	06003SW-2111	Washer (@4)	8
E-050	10017RB-A001	Picker Stopper	8
E-051	03071SC-7113	Hex. Socket Bolt (M3*L10)	8
E-053	03057SC-A001	Head Rail Holder Screw	8
E-054	06003SW-2111	Washer (@4)	8
E-056	08098SC-8118	Plus Screw (M3*L4.5)	8
E-057	03050SC-4517	Hex. Socket Set Screw (M3*L3)	4
E-059	08014FU-B001	Movable Mes Shaft (New)	4
E-060	08013CL-B001	Movable Mes	4
E-061	08014SC-A001	Plus Screw (M3*L8)	4
E-062	08017SC-B001	Screw (M3*L5)	4
E-063	01101800B000	Mes Adjusting Bushing	4
E-064	08113SC-A001	Collar Screw	4
E-065	04002200H000	Mes Shaft Bracket	4
E-066	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
E-067	06003SW-2111	Washer (@4)	8
E-068	08025PR-B001	Mes Connecting Lever	4
E-069	08022SC-A001	Lever Stud	4
E-070	08023CW-A001	Mes Shaft Cramp	4
E-071	02015SC-7113	Hex.Socket Bolt(M4*L10)	4
E-072	03700200H000	Mes Driving Crank	4
E-073	02015SC-7113	Hex.Socket Bolt(M4*L10)	4
E-074	02102000HDK2	Picker Sol.Connet From J/B	1
E-075	05031AF-A001	Presser Foot Guide Bush	4
E-076	01102000B000	Bearing Bushing	4
E-077	04033AF-D002	Rotary Hook	4
E-078	04400010B000	MES MOUNTING SET (NEW)	4
E-079	08001CL-B000	MES MOUNTING BASE	4
E-080	04400200B000	FIXED MES	4
E-081	04400300B000	UNDER THREAD PRESSER	4
E-082	02003MC-8118	UNDER THREAD PRESSER SCREW	8
E-083	12000110B000	NEEDEL PLATE SET	4

F

Thread Cutting Drive System



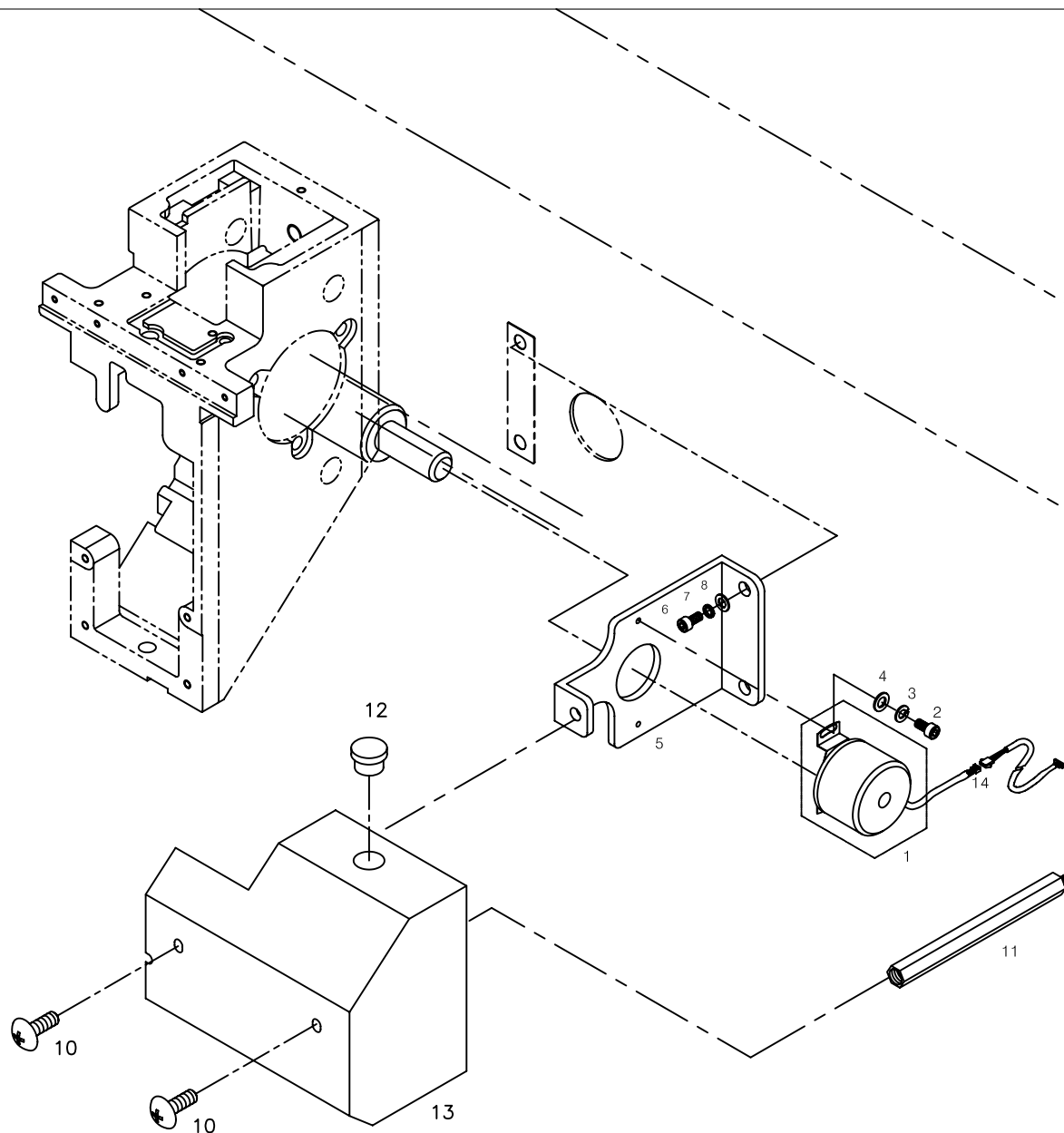
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Ref.No	Part No.	Part Names	Q'ty
F-001	04027BR-A001	Needle Bearing (Hmk1515)	1
F-002	08027BR-A001	Thrust Bearing (Ntb 1528)	2
F-003	08028BR-A001	Thrust Washer (As 1528)	4
F-004	08047CW-A001	Lever Support Pin	1
F-005	08048SP-A001	Lever Return Spring	1
F-006	08050SW-A001	Lever Stopper Pin Washer	2
F-007	08051SR-4013	E-Ring (@12)	1
F-008	08052RB-A001	Lever Support Pin Cushion	1
F-009	WS-000127-00	Lever Washer	1
F-010	02028SW-9115	Spring Washer (@4)	1
F-011	02015SC-7113	Hex.Socket Bolt(M4*L10)	1
F-012	03700500E000	CAM COLLAR PIN (L=19)	1
F-013	07030AF-UK01	Roller	1
F-014	07026CW-UK01	Mes Cam Roller Shaft	1
F-015	08057SW-1111	Washer (@6)	1
F-016	13042SN-1111	Hex.Nut (M6*T5-R)	1
F-017	08062SC-7113	Hex. Socket Bolt (M5*L20)	1
F-018	08065CW-A001	Stopper Collar	1
F-019	03016SC-4113	Hex. Socket Bolt (M5*L15)	1
F-020	08067RB-A001	O-Ring (@10)	1
F-021	08068EL-A001	Thread Trimming Solenoid Ass'	1
F-022	12010SN-1211	Hex. Nut (M5-No3)	2
F-023	08072RB-A001	Cushion Rubber	1
F-024	03016SC-4113	Hex. Socket Bolt (M5*L15)	4
F-025	08071SF-A001	Solenoid Cushion	3
F-026	08078PR-A001	Plunger Stopper	1
F-027	08079PR-A001	Plunger Bracket	1
F-028	02023SC-7113	Hex. Socket Bolt (M4*L8)	2
F-029	02031SC-7113	Hex. Socket Screw(M5*L10)	2
F-030	03026SW-9115	Spring Washer (@6)	3
F-031	13042SN-1111	Hex.Nut (M6*T5-R)	2
F-032	GP-007345-00	MES CAM	1
F-033	25025EL-E131	Cable (25-25)	1
F-034	GP-012734-00	Mes Cam Lever	1
F-035	08044RB-B001	Cushion Washer (T2)	2
F-036	08038SC-UI12	Hex.Socket Set Screw	3
F-037	04016AF-A001	Cam Collar Screw	4
F-038	01029BR-A001	Ball Bearing (6004Zz)	1
F-039	14058CW-A001	Collar "A"	1
F-040	08036SF-B001	Mes Cam Shaft	1

Ref. No	Part No.	Part Names	Q'ty
F-041	03700100E000	Mes Cam Driving Box	1
F-042	04028SC-UK01	Stud Bolt (M10*P1.25*L69)	4
F-043	04032SN-UK01	Hex. Nut (M10*P1.25)	8
F-044	04013PR-B001	Washer (3.2T,@10)	8
F-045	01008SW-9115	Spring Washer(@10)	4
F-046	08058CW-B001	Mes Driving Guide Shaft	1
F-047	08061CW-B001	Mes Driving Base Shaft	1
F-048	08097CL-B001	Mes Shaft Connecting Block	1
F-049	18008SH-E131	Mes Driving Shaft L=1226	1
F-050	08056CW-B001	Lever Driver Pin	1
F-051	08059CW-B001	Mes Drive Guide Shaft Collar	2
F-052	14060AF-4517	Hex.Socket Screw(M6*L6)	4
F-053	05000400ED40	Mes Cam Driving Box Cover	1
F-054	02023SC-7113	Hex. Socket Bolt (M4*L8)	4
F-055	18048SW-3115	Spring Washer (5@)	8
F-056	08113SC-A001	Collar Screw	2
F-057	08072PR-B001	Solenoid Base Plate	1
F-058	02028SW-9115	Spring Washer (@4)	2
F-059	18015SW-3111	Washer (4@)	2
F-060	17053SN-1111	Hex. Nut(L) (M6*T5-L)	1
F-061	03707300A000	Solenoid Collar	1
F-062	03704900A000	Cam Shaft Collar	2
F-063	04012AF-A001	Hook Shaft Bush Screw	2
F-064	03700000B000	Mes Cam Driving Box (Set) New	1
F-065	01007SW-1111	Washer (10@)	4
F-066	08102EL-A001	Zero Point Sensor Ass'Y	1
F-067	08103PR-A001	Sensor Bracket	1
F-068	08057SW-1111	Washer (@6)	2
F-069	08035SC-7113	Hex. Socket Bolt (M6*L10)	2
F-070	17053SN-1111	Hex. Nut(L) (M6*T5-L)	1
F-071	08107CW-A001	Sensor Operator	1
F-072	25037EL-E121	Cable (25-37)	1
F-073	03700010E000	MES CAM DRIVING BOX (SET)	1

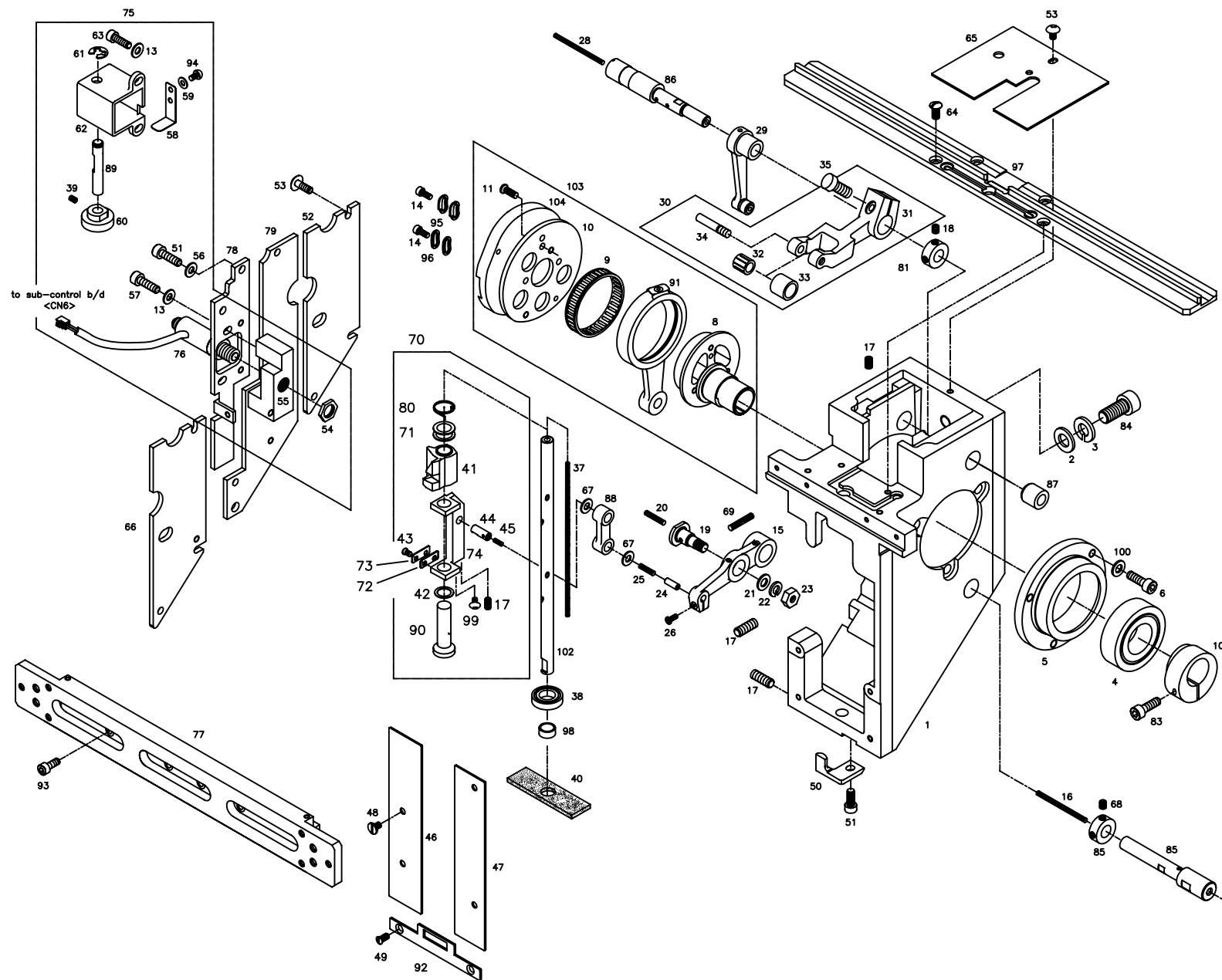
G

Encoder Set



H

Arm

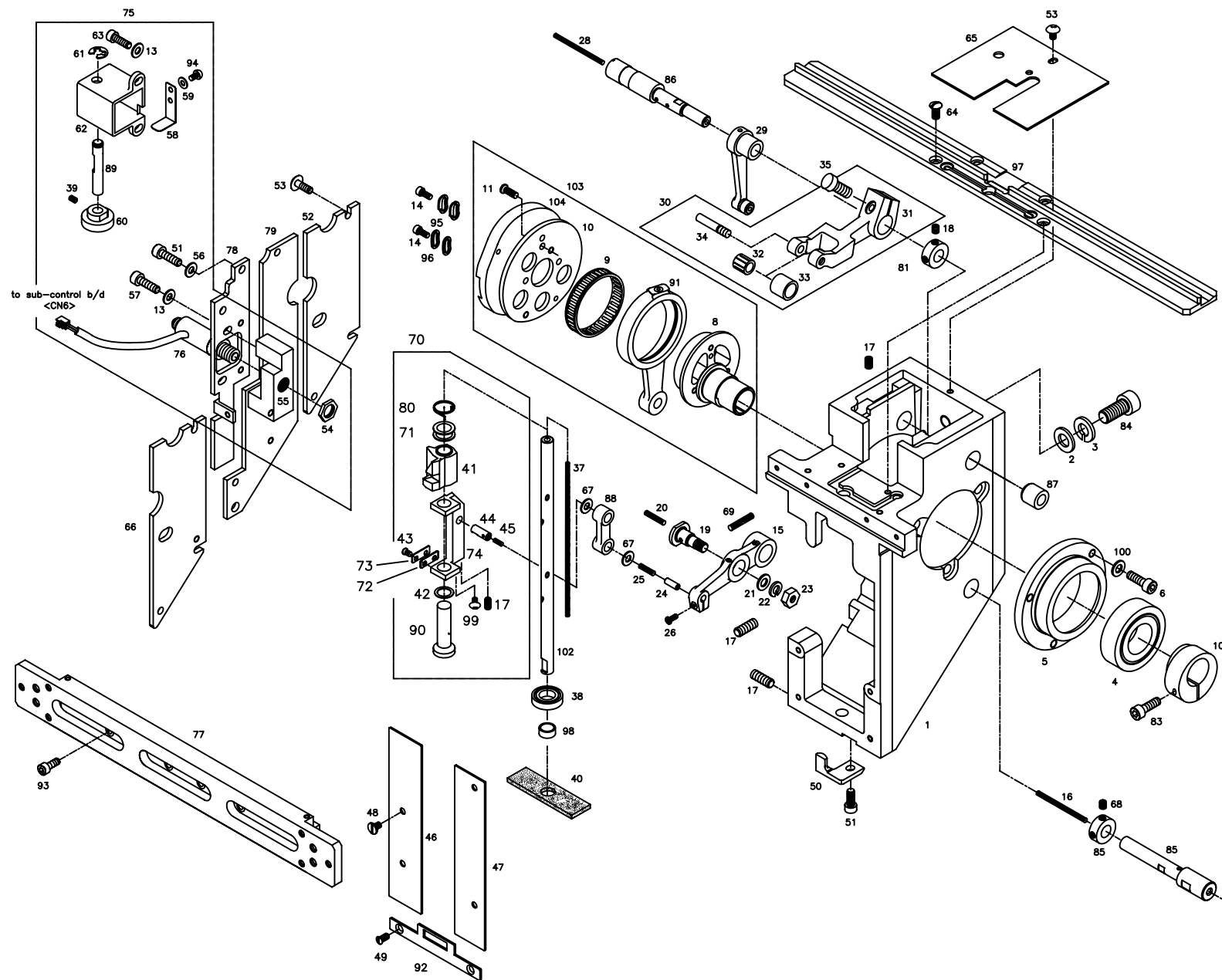


Ref.No	Part No.	PartNames	Q'ty
H-001	03300100E000	Arm	3
H-001	03300100E000	Arm (1St)	1
H-002	04029SW-A001	Stud Bolt Washer(S) (@8)	12
H-003	15095SW-3115	Spring Washer (@8)	12
H-004	01029BR-A001	Ball Bearing (6004Zz)	4
H-005	03011AD-A001	Bearing Case	4
H-006	02031SC-7113	Hex. Socket Screw(M5*L10)	12
H-008	03010CL-A001	Needle Bar Driving Cam	4
H-009	03008BR-A001	Needle Case (38419)	4
H-010	03006PR-A001	Take-Up Lever Cam Base	4
H-011	03007SC-A001	Cam Base Screw	12
H-013	06003SW-2111	Washer (@4)	12
H-014	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
H-015	03303200H000	Needle Bar Drive Lever	4
H-016	-	Wick	4
H-017	03020SC-A001	Drive Pin Screw 11/64,N40,L8	20
H-018	03022SC-4517	Hex. Socket Set Screw(M4*L5)	32
H-019	03023SC-A001	Connecting Rod Stud	4
H-020	-	Wick	4
H-021	03025SW-1211	Washer (@6)	4
H-022	03026SW-9115	Spring Washer (@6)	4
H-023	03027SN-A001	Stud Nut	4
H-024	03303300H000	Lever Pin	4
H-025	-	Wick	4
H-026	02015SC-7113	Driving Lever Pin Screw	4
H-028	-	Wick	4
H-029	03003BM-A001	Drive Lever "A" Set	4
H-030	04017BM-UK01	Take-Up Driving Lever(B) Set	4
H-031	07018CA-UK01	Take-Up Driving Lever "B"	4
H-032	04021BR-T121	Neddle Bearing Kt367N (Iko)	4
H-033	04020AF-T121	Roller For Take-Up Gear-B	4
H-034	04019CW-T121	Pin Stud Screw	4
H-035	02015SC-7113	Hex.Socket Bolt(M4*L10)	4
H-037	-	Wick	4
H-038	03051BR-A001	Ball Bearing 689 (Ntn)	4
H-039	03050SC-4517	Hex. Socket Set Screw (M3*L3)	4
H-040	03053SF-A001	Felt "B"	4
H-041	03044PM-A001	Needle Bar Reeciprocator	4
H-042	03048SW-A001	Reciprocator Washer	4
H-043	03040SC-A001	Stopper Bracket Screw	8

Ref. No	Part No.	Part Names	Q'ty
H-044	03033CW-A001	Driver Pin	4
H-045	-	Wick	4
H-046	03063PR-A001	Arm Guard Plate (L)	4
H-047	03064PR-A001	Arm Guard Plate (R)	4
H-048	03065SC-A001	Guard Plate Screw	16
H-049	05062SC-A001	Thread Guide (L) Screw	8
H-050	03056CL-B001	Head Rail Holder	4
H-051	03057SC-A001	Head Rail Holder Screw	12
H-052	03059PR-A001	Side Cover "B1"	3
H-053	02009SC-A001	Side Cover Screw	20
H-054	06014SN-9111	Hex.Nut	8
H-055	06015DC-A001	Jump Sol. Bracket	4
H-056	06003SW-2111	Washer (@4)	8
H-057	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
H-058	06009PR-A001	Jump Clutch Plate Spring	4
H-059	06011SW-2111	Washer (@3)	8
H-060	06012CW-A001	Jump Clutch	4
H-061	06008SW-4013	E-Ring (@5)	4
H-062	06004PM-A001	Jump Sol. Cover	4
H-063	02015SC-7113	Hex.Socket Bolt(M4*L10)	8
H-064	05041SC-A001	Guide Rail Serew	16
H-065	GP-007318-00	Arm Top Cover	3
H-066	03062PR-UK01	Side Cover "B3"	1
H-067	03034SW-A001	Reciprocator Washer	8
H-068	04012AF-A001	Hook Shaft Bush Screw	4
H-069	-	Wick	4
H-070	03005BM-B001	Needle Bar Reeciprocator Set	4
H-071	03046CW-B001	Jump Spring Guide	4
H-072	03041PR-B001	Reciprocator Stopper	4
H-073	03039PR-B001	Stopper Bracket	4
H-074	03036CL-B001	Needle Driving Shaft Driver	4
H-075	06001BM-A001	Jump Set	4
H-076	11009EL-A001	Jumping Sol.	4
H-077	03068LM-BB00	Lm Guide Block Set 12C	4
	03069LM-B002	Lm Guide Block Set 9C	4
H-078	06001PR-B001	Jumping Sol. Base Plate	4
H-079	03058PR-B001	Side Cover "A"	4
H-080	03045SP-B001	Jump Spring	4
H-081	03302100A000	Pin Collar	4
H-082	01101300A000	Hook Shaft Collar	4

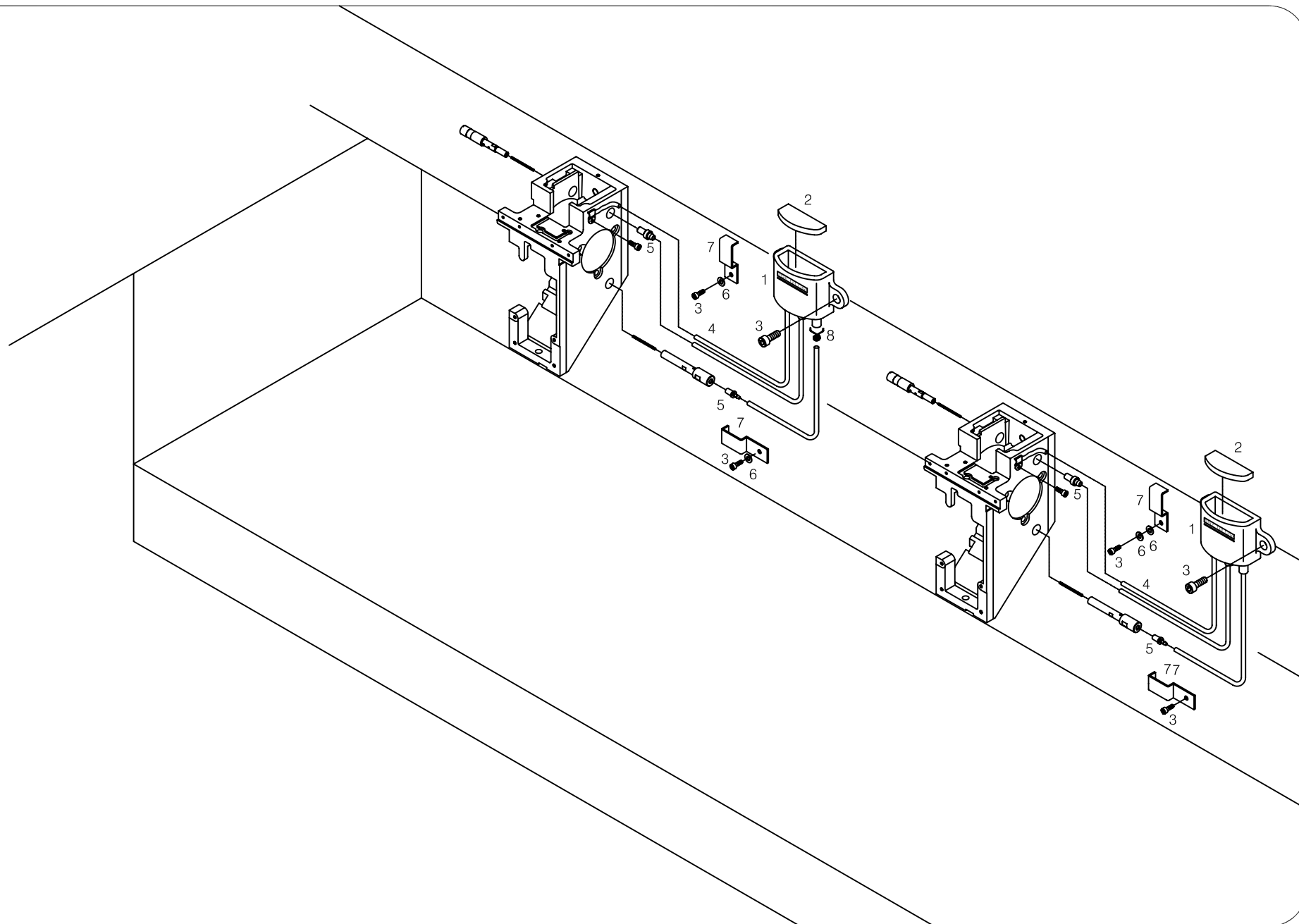
H

Arm

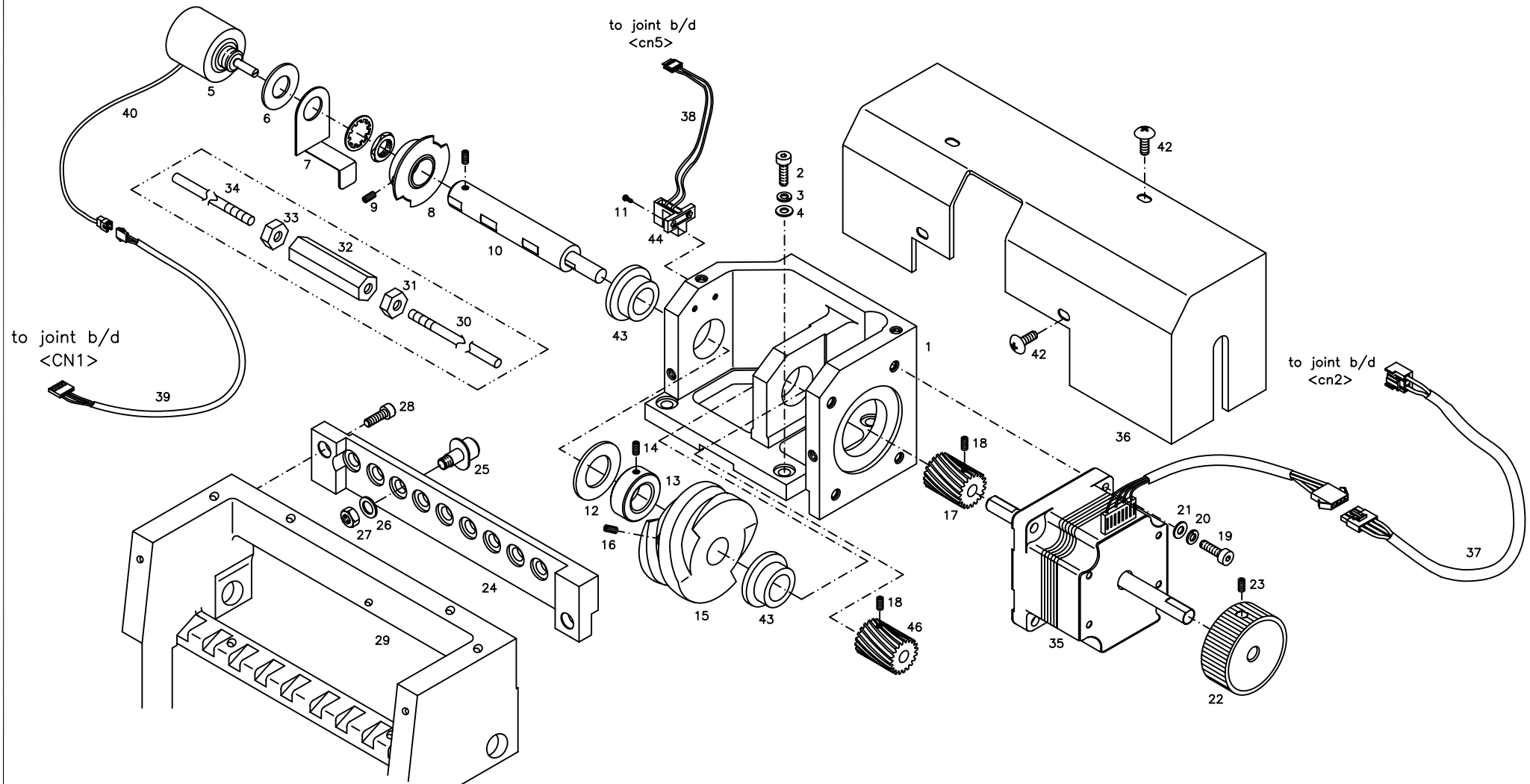


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Arm I



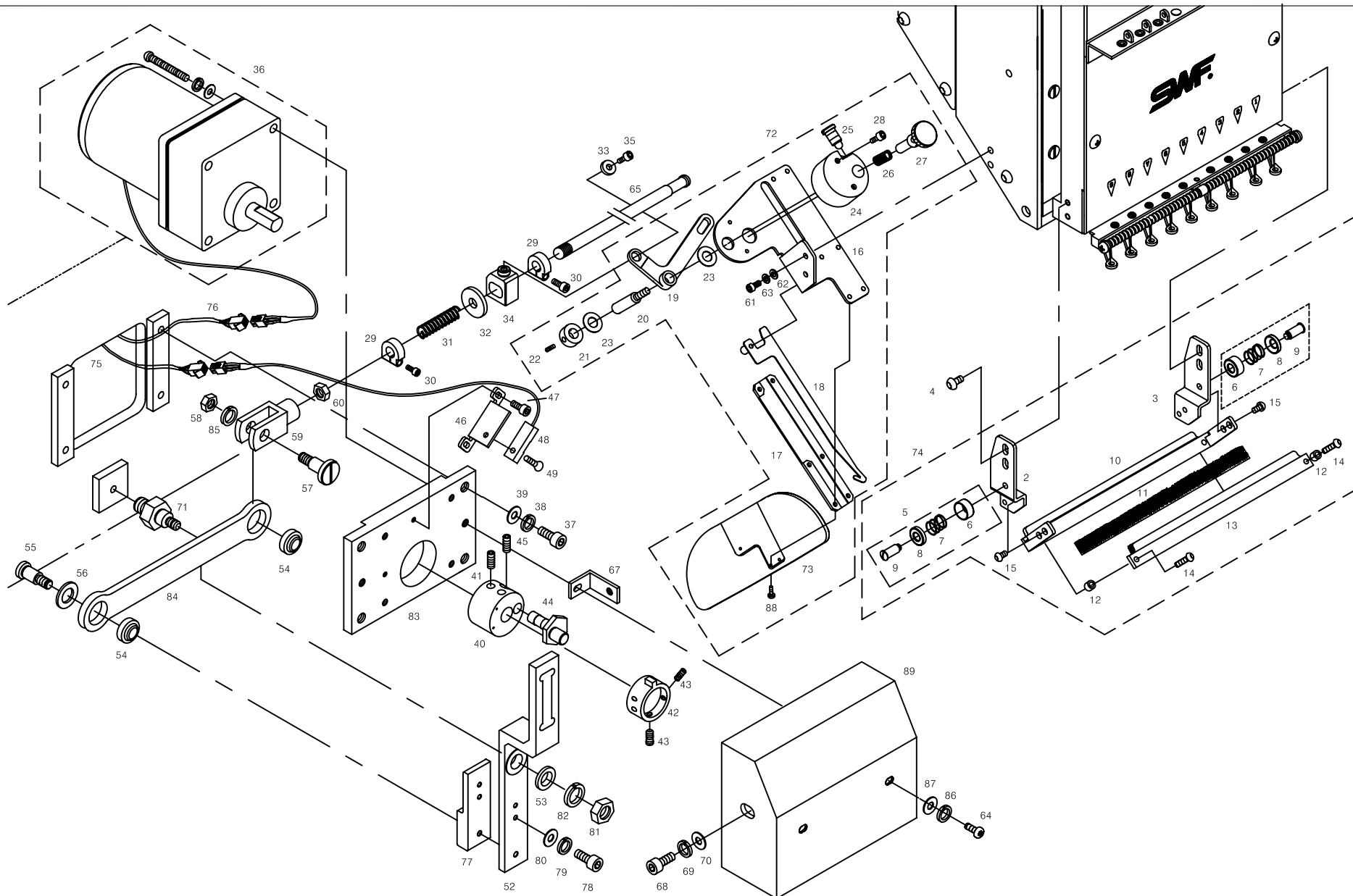
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J

Wiper Set

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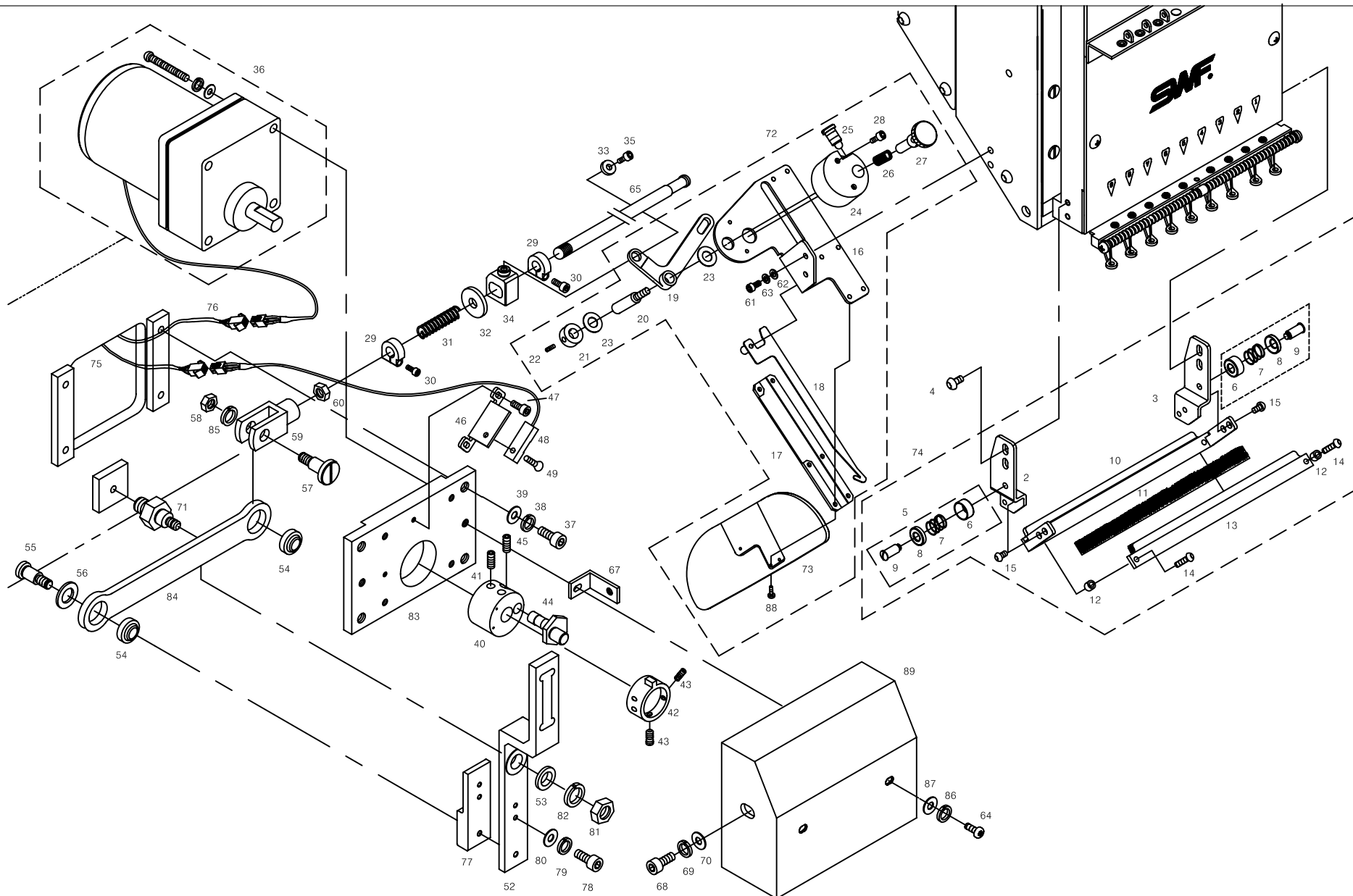
Ref.No	Part No.	Part Names	Q'ty
J-002	09040PR-A001	Bracket (L)	4
J-003	09041PR-A001	Bracket (R)	4
J-004	02009SC-A001	Side Cover Screw	16
J-005	09044PR-A001	Upper Thread Holder Disk Set	8
J-006	09044PR-A001	Upper Thread Holder Disk "A"	8
J-007	09044PR-A001	Spring	8
J-008	09044PR-A001	Upper Thread Holder Disk "B"	8
J-009	09044PR-A001	Upper Thread Holder Stud	8
J-010	09026PR-AB00	Upper Thread Presser Base 9C	4
J-011	09027ET-AB00	Velcro (9,C)	8
J-012	09038CW-A001	Thread Presser Space	8
J-013	09029PR-AB00	Presser Base Cover 9C	4
J-014	07018SC-8118	Plus Screw (M3*L8)	8
J-015	06010SC-8118	Plus Screw (M3*L4)	16
J-016	GP-009728-00	Upper Thread Catcher Base	4
J-017	03500210H000	Upper Thread Hook Base Cover	4
J-018	GP-009729-00	Upper Thread Hook	4
J-019	03500500H000	Upper Catcher Driving Lever	4
J-020	03500600H000	Driving Lever Pin	4
J-021	03500700H000	Driving Lever Pin Collar	4
J-022	04014SC-4517	Hex.Socket Set Screw(M5*L5)	8
J-023	03500800H000	Driving Lever Pin Washer	8
J-024	03500900H000	Clutch Block	4
J-025	03501000H000	Clutch Stud Screw	4
J-026	03501100H000	Clutch Spring	4
J-027	03501200H000	Clutch Dial	4
J-028	11029SC-4113	Hex. Socket Bolt (M4*L20)	8
J-029	03002610H000	Return Spring Stopper	8
J-030	05008SC-4113	Hex.Socket Bolt (M4*L16)	8
J-031	03002700H000	Return Spring	4
J-032	03002800H000	Return Spring Stopper Washer	4
J-033	03002900H000	Return Spring Fix Pin Washer	4
J-034	03003000H000	Return Spring Fix Pin	4
J-035	02015SC-7113	Hex.Socket Bolt(M4*L10)	4
J-036	03003100H000	Upper Thread Hook Motor Unit	1
J-037	06025MC-7113	Hex.Socket Bolt(M6*L25)	4
J-038	16014SW-4115	Spring Washer (@6)	4
J-039	08057SW-1111	Washer (@6)	4
J-040	03003300H000	Cam Shaft Fixing Block	1
J-041	05008MC-4517	Hex.Socket Bolt(M5*L8)	2

Ref. No	Part No.	Part Names	Q'ty
J-042	GP-005184-01	SENSOR SENSING ADJUSTING RING	1
J-043	04014SC-4517	Hex.Socket Set Screw(M5*L5)	2
J-044	03003500H000	Motor Driving Cam Shaft	1
J-045	04014SC-4517	Hex.Socket Set Screw(M5*L5)	1
J-046	GP-005180-00	UPPER THREAD HOOK SENSOR BASE	1
J-047	07035SC-7113	Bracket Screw (M3*L6)	2
J-048	15-027A-2070	SENSOR	1
J-049	13061SC-8119	Plus Screw (M3*L10)	1
J-052	03003910H000	Upper Thread Driving Plate	1
J-053	03004000H000	Stud Bolt Washer	1
J-054	03004400H000	Motor Driving Connect Bearing	2
J-055	03008300H000	Connecting Plate Stud Screw A	1
J-056	03004500H000	Connecting Plate Pin Washer	1
J-057	03004700H000	Connecting Plate Stud Screw	1
J-058	13042SN-1111	Hex.Nut (M6*T5-R)	1
J-059	03004800H000	Connecting Plate Knuckle	1
J-060	04032SN-A001	Hex. Nut (M8-No2)	1
J-061	02023SC-7113	Hex.Socket Bolt (M4*L8)	8
J-062	18015SW-3111	Washer (4@)	8
J-063	18014SW-3115	Spring Washer (@4-No2)	8
J-064	02023SC-7113	Hex. Socket Bolt (M4*L8)	2
J-065	03007000UK40	Upper Thread Driving Shaft	1
J-067	03008600H000	Motor Cover Fixing Bracket	2
J-068	02023SC-7113	Hex.Socket Bolt (M4*L8)	2
J-069	18014SW-3115	Spring Washer (@4-No2)	2
J-070	18015SW-3111	Washer (4@)	2
J-071	03003810H000	Stud Bolt For Driving Plate	1
J-072	AS-002917-00	Upper Thread Catcher Set	4
J-073	12209100U000	Cap Guide	4
J-074	08600003B000	Upper Thread Base Set 9C	4
J-075	02106600U040	Sh-66-2	1
J-076	02106700U040	Sh-67-2	1
J-077	03004100H000	Driving Plate Block	1
J-078	18047SC-7113	Hex/ Socket Bolt (M5*L15)	2
J-079	18048SW-3115	Spring Washer (5@)	2
J-080	18049SW-3111	Washer (@5)	2
J-081	04032SN-A001	Hex. Nut (M8-No2)	1
J-082	15095SW-3115	Spring Washer (@8)	1
J-083	03003210H000	MOTOR BASE	1
J-084	03004200HH00	MOTOR DRIVING CONNECT PLATE	1

J

Wiper Set

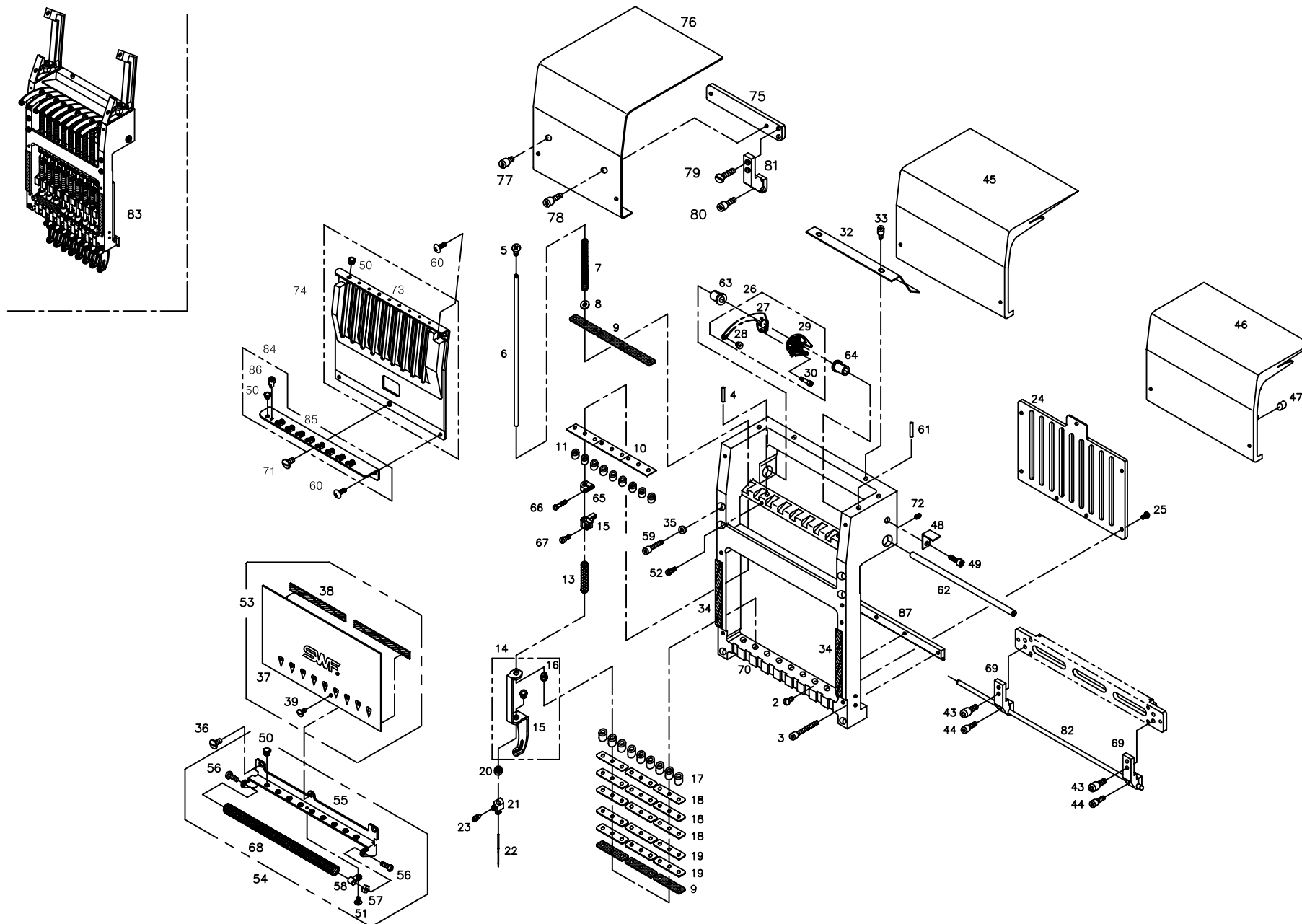
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K

Head

SWF®



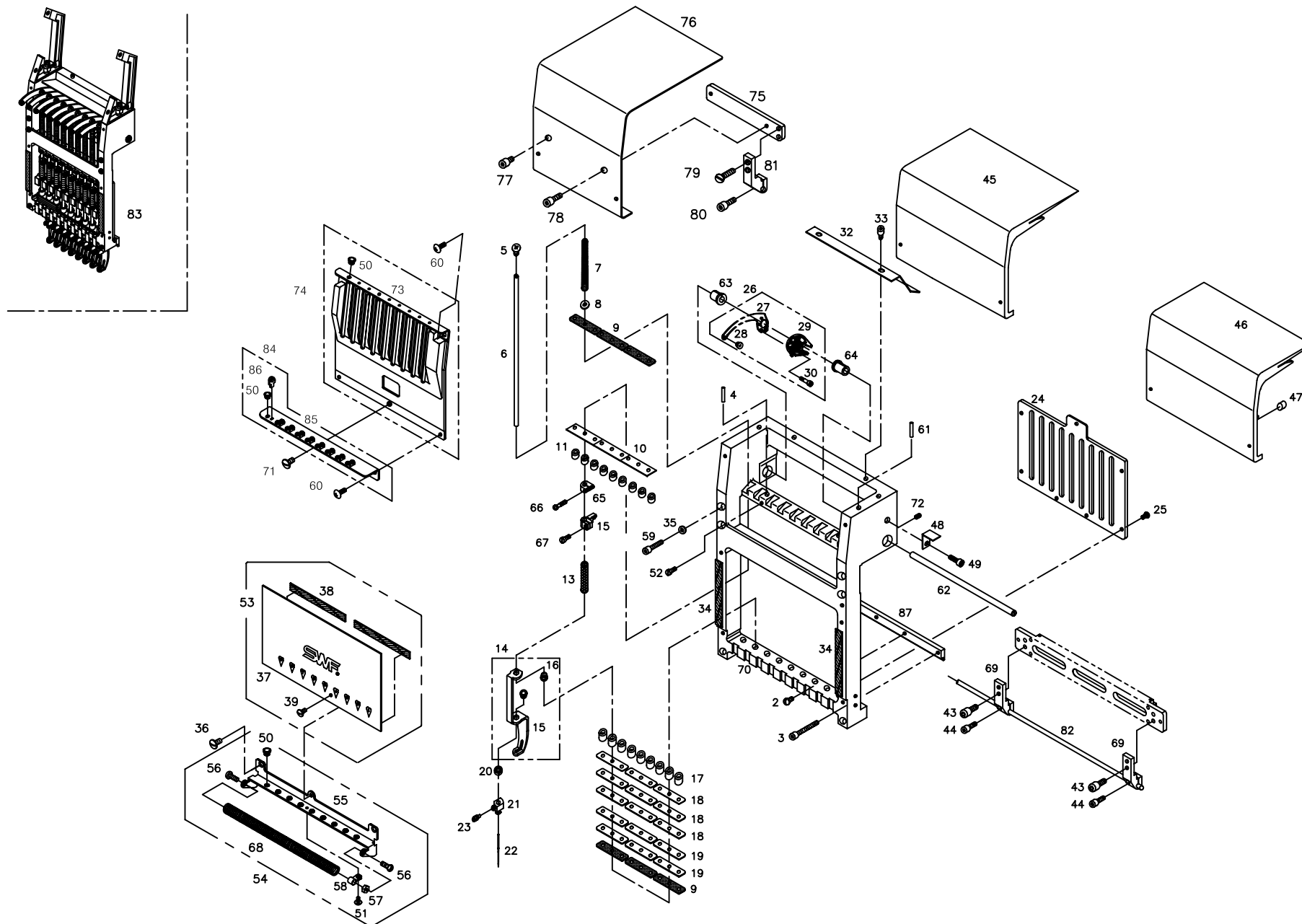
Ref.No	Part No.	PartNames	Q'ty
K-002	05013SC-A001	Head Rail Screw	8
K-003	05014SC-7113	Hex. Socket Bolt (M4*L25)	8
K-004	05015CW-A001	Head Base Pin(@5*L15)	4
K-005	05019SC-A001	Needle Bar Cover Screw (M5*L6)	36
K-006	05018CW-A001	Needle Bar	36
K-007	05020AF-A001	Needle Bar Return Spring	36
K-008	05022SW-A001	Spring Shoe Washer	36
K-009	05021SF-A001	Felt	24
K-010	05023RB-A001	Needle Bar Cushion Rubber "A"	12
K-011	05024RB-A001	Needle Bar Cushion Rubber "B"	36
K-012	05027FU-A001	Needle Bar Holder	36
K-013	05029AF-A001	Presser Foot Pressure Spring	36
K-014	05029BM-A001	Presser Foot Set	36
K-015	05030PR-B001	Presser Foot	36
K-016	05031AF-A001	Presser Foot Guide Bush	72
K-017	05032RB-A001	Presser Foot Cushion Rubber"B	36
K-018	05033RB-A001	Presser Foot Adjusting Rubber	36
K-019	05034RB-A001	Presser Foot Adjusting Rubber	24
K-020	05035RB-A001	Presser Foot Cushion Rubber"A	36
K-021	05036AF-A001	Needle Fixed Holder	36
K-022	05037DB-A001	Needle (Db-K5, #11)	36
K-023	05363SC-A001	Needle Fixed Screw (A/S)	36
K-024	05039PM-A002	Needle Bar Guide Rail (9C)	4
K-025	05041SC-A001	Guide Rail Sew	24
K-026	07005BM-T121	Take-Up Lever Set	36
K-027	05033PR-T121	Take-Up Lever	36
K-028	07102CM-A001	Eyelet "C"	36
K-029	05035PM-T121	Take-Up Lever Boss	36
K-030	07003SC-A001	Take-Up Lever Screw	72
K-032	11046PR-AB00	Cable Support Plate	3
K-032	11047PR-A002	Cable Support Plate	3
K-033	02023SC-7113	Hex. Socket Bolt (M4*L8)	6
K-034	05063RB-A001	Magnetic Rubber "A"	8
K-035	06003SW-2111	Washer (@4)	16
K-036	05062SC-A001	Thread Guide (L) Screw	12
K-037	05651PR-A002	Head Face Plate (L) (9C)	4
K-038	05642RB-A001	Magnetic Rubber "B"	8
K-039	05062SC-A001	Thread Guide (L) Screw	4
K-043	02031SC-7113	Hex. Socket Screw(M5*L10)	16
K-044	02015SC-7113	Hex.Socket Bolt(M4*L10)	8

Ref. No	Part No.	Part Names	Q'ty
K-045	02021PM-AC00	Top Shaft Cover "A"	2
K-046	02002PM-D092	Top Shaft Cover "B"	1
K-047	02023ET-A001	Top Shaft Cover Magnet	8
K-048	02022PR-UK01	Upper Shaft Cover "B" Bracket	6
K-049	02014SC-7113	Hex. Socket Bolt (M4*L5)	6
K-050	05452CM-A001	Eyelet "A"	36
K-051	05060SC-8118	Screw (M3*L3)	4
K-052	03022SC-4517	Hex. Socket Set Screw(M4*L5)	4
K-053	05651PR-A002	Head Face Plate (L) Set 9C	4
K-054	10400003B000	Thread Guide(L) Set	4
K-055	10400104B000	Thread Guide (L) 9C	4
K-056	096440C-8119	Spring Adjusting Screw	8
K-057	096440N-3211	Spring Adjusting Nut (9/64,N40	8
K-058	10400304B000	Spring Holder	4
K-059	05008SC-4113	Hex.Socket Bolt (M4*L16)	16
K-060	05070SC-3123	Head Face Plate (U) Screw	16
K-061	01303700H000	Tension Plate Pin	16
K-062	08200503A000	Take-Up Lever Shaft (9C)	4
K-063	08203000A000	Take-Up Lever Shaft Bush(L)	4
K-064	08200800A000	Take-Up Lever Shaft Bush(R)	4
K-065	11101200T000	Upper Dead Point Stopper	36
K-066	05026SC-4113	Stopper Screw (9/64-11.5)	36
K-067	05028SC-4113	Holder Screw (9/64-L8)	36
K-068	10400213B000	Thread Hook Spring (9C)	4
K-069	08004900A000	Color Change Bracket "B"	7
K-070	05001CA-E091	Head "B"	4
K-071	05062SC-A001	Thread Guide (L) Screw	4
K-072	07009SC-4517	Hex.Socket Set Screw (M5*L6)	4
K-073	10200103B000	Head Face Plate (U) 9C	4
K-074	10200003B000	Thread Guide (U) Set	4
K-075	09000200H000	TOP SHAFT COVER BRACKET (L)	1
K-076	02086PR-UI12	Top Shaft Cover(L)	1
K-077	02014SC-7113	Hex. Socket Bolt (M4*L5)	1
K-078	02015SC-7113	Hex. Socket Bolt (M4*L10)	1
K-079	13048SC-A001	Bracket"A" Screw	2
K-080	02015SC-7113	Hex. Socket Bolt (M4*L10)	1
K-081	08004700A000	Color Change Bracket	1
K-082	18003SH-D092	Color Change Shaft	1
K-083	08200003U000	Head (Set)	1
K-084	10300003A000	THREAD GUIDE (M) SET (9C)	4

K

Head

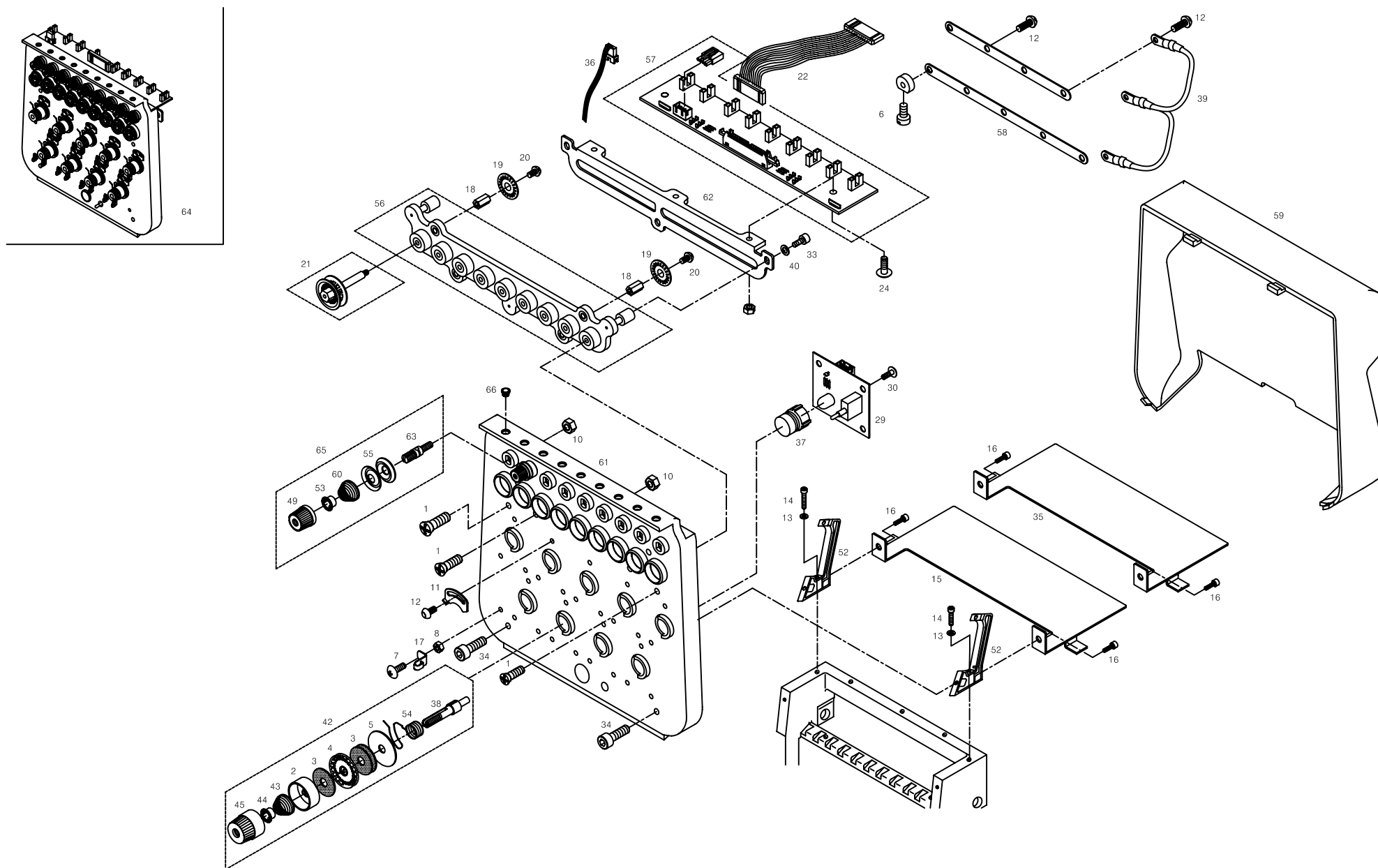
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L

Thread Tension Unit



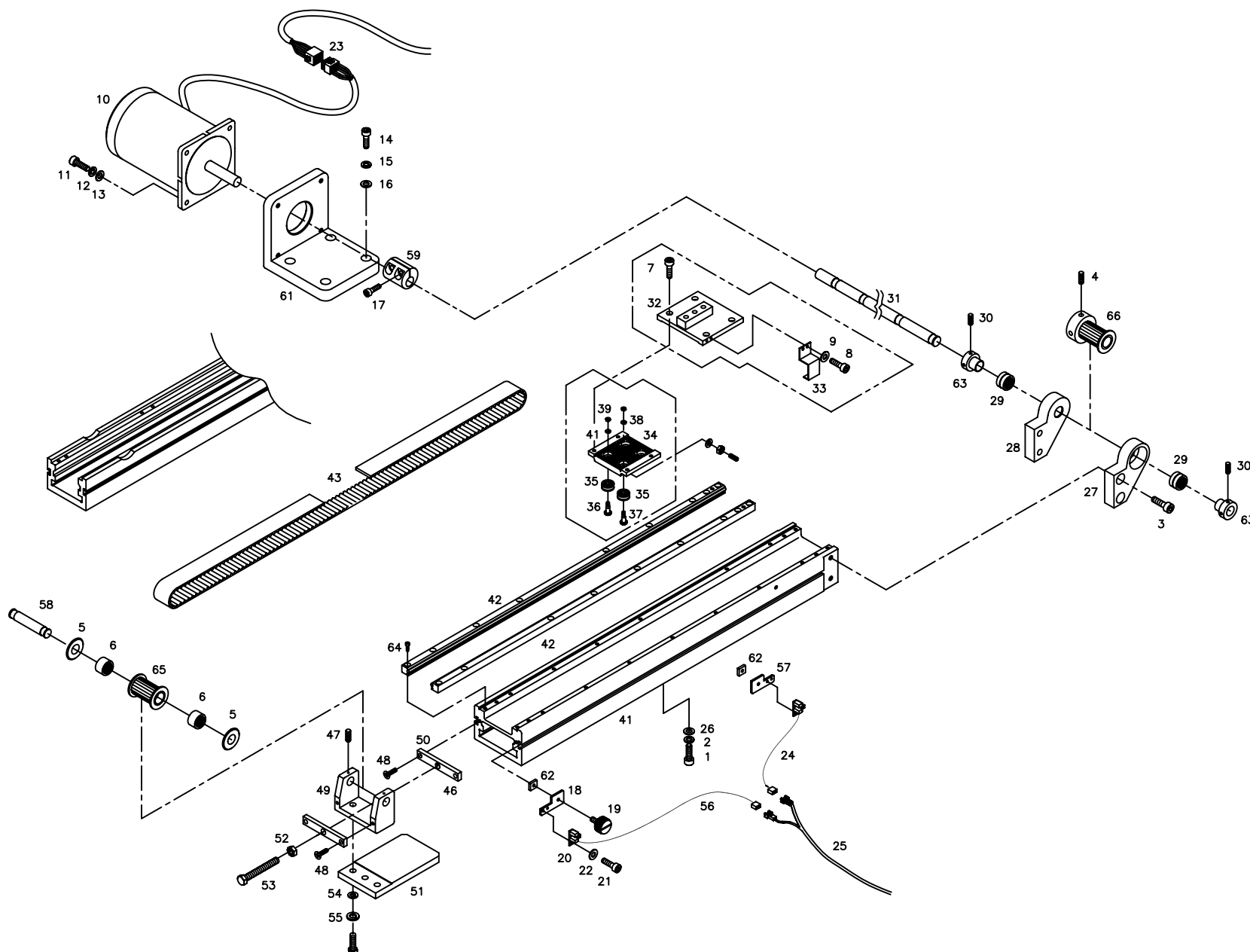
Ref.No	Part No.	PartNames	Q'ty
L-001	15089SC-7119	C.S Screw (M4*L10)	8
L-002	11086PM-A001	Tension Spring Collar	36
L-003	11084AF-A001	Felt	72
L-004	11085AF-A001	Rotary Tension Disc	36
L-005	11083PM-A001	Disc Plate	36
L-006	11009SC-A001	Stud Screw	36
L-007	09005SC-3123	Truss Screw (M3*L6)	72
L-008	11014SN-1211	Hex.Nut (M3-No2)	72
L-010	03031SN-A001	Pin. Nut (11/64,N=40)	36
L-011	11009PR-B001	Thread Breakage Detecting Plat	36
L-012	09005SC-3123	Truss Screw (M3*L6)	72
L-013	05009SW-1111	Washer (@4-L)	8
L-014	11029SC-4113	Hex. Socket Bolt (M4*L20)	8
L-015	11031PR-AB00	Cover Plate 12C	3
	11032PR-A002	Cover Plate 9C	
	11033PR-AE00	Cover Plate 6C	
L-016	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
L-017	11012PR-B001	Thread Guide (New)	72
L-018	11083CW-B001	THREAD DETECTING WHEEL STUD	18
	08308300B000	THREAD DETECTING WHEEL STUD	18
L-019	GP-005179-00	THREAD BREAKAGE DETECT WHEEL	36
L-020	08011SC-8118	Screw (M2*L4)	36
L-021	11075PM-B001	Thread Sensor Roller(B1)Set	36
L-024	02010SC-3123	Truss Screw (M4*L8)	36
L-029	02-0000-EMB1	Head On/Off S/W Board 9C,15C	4
	03-0000-EMB1	Head On/Off S/W Board 6C,12C	
L-030	09005SC-3123	Truss Screw (M3*L6)	16
L-033	02023SC-7113	Hex.Socket Bolt (M4*L8)	12
L-034	04010MC-7113	Hex.Socket Bolt (M4*L10)	8
L-035	08003202B000	Cover Plate (R) 6C	1
	08003203B000	Cover Plate (R) 9C	
	08003204B000	Cover Plate (R) 12C	
L-036	02101800B000	Plate Led S/W Board Cable	4
L-037	08300400A000	Lamp Cover	4
L-038	11081CW-A001	THREAD TENSION ADJUSTING STUD	36
L-039	02103903H000	Wheel Earth 6,9,12C	4
L-040	06003SW-2111	Washer (@4)	12
L-042	08310000B000	TENSION ADJUSTING SET	36
L-043	08300800A000	TENSION ADJUSTING SPRING	36
L-044	08300700A000	TENSION SPRING STOPPER	36

Ref. No	Part No.	PartNames	Q'ty
L-045	08300500A000	TENSION ADJUSTING NUT	36
L-046	08320000B000	SUB TENSION ADJUSTING SET	36
L-049	08300600A000	SUB TENSION ADJUSTING NUT(A)	36
L-052	08202000A000	TENSION PLATE HOLDER 9C(NEW)	8
L-053	11088PM-A001	TENSION SPRING STOPPER	36
L-054	11082AF-A001	THREAD TAKE-UP SPRING	36
L-055	08301200I000	TENSION DISC	72
L-056	08300702I000	Roller Base Ass'y (6C)	4
	08300703I000	Roller Base Ass'y (9C)	
	08300704I000	Roller Base Ass'y (12C)	
L-057	20009EL-WH06	WHEEL SENSOR BOARD (6C)	4
	20009EL-WH09	WHEEL SENSOR BOARD (9C)	
	20009EL-WH12	WHEEL SENSOR BOARD (12C)	
L-058	08300302I000	Connection Plate (6C)	8
	08300303I000	Connecting Plate A (9C)	4
	08300403I000	Connecting Plate B (9C)	4
	08300304I000	Connection Plate (12C)	8
L-059	08000803I000	TENSION PLATE COVER (9C)	4
	08000804I000	TENSION PLATE COVER (12C)	
L-060	08301100I000	TENSION SPRING	36
L-061	08300102I000	TENSION UNIT PLATE (6C)	4
	08300103I000	TENSION UNIT PLATE (9C)	
	08300104I000	TENSION UNIT PLATE (12C)	
L-062	08300202I000	BOARD BASE (6C)	4
	08300203I000	BOARD BASE (9C)	
	08300204I000	BOARD BASE (12C)	
L-063	08301000I000	TENSION ADJUSTING STUD	36
L-064	08300002I000	TENSINO UNIT SET (6C)	4
	08300003I000	TENSINO UNIT SET (9C)	
	08300004I000	TENSINO UNIT SET (12C)	
L-065	08320000I000	SUB TENSION ADJUSTING SET	4
L-066	05452CM-A001	EYELET "A"	36

M

X-Axis Drive System

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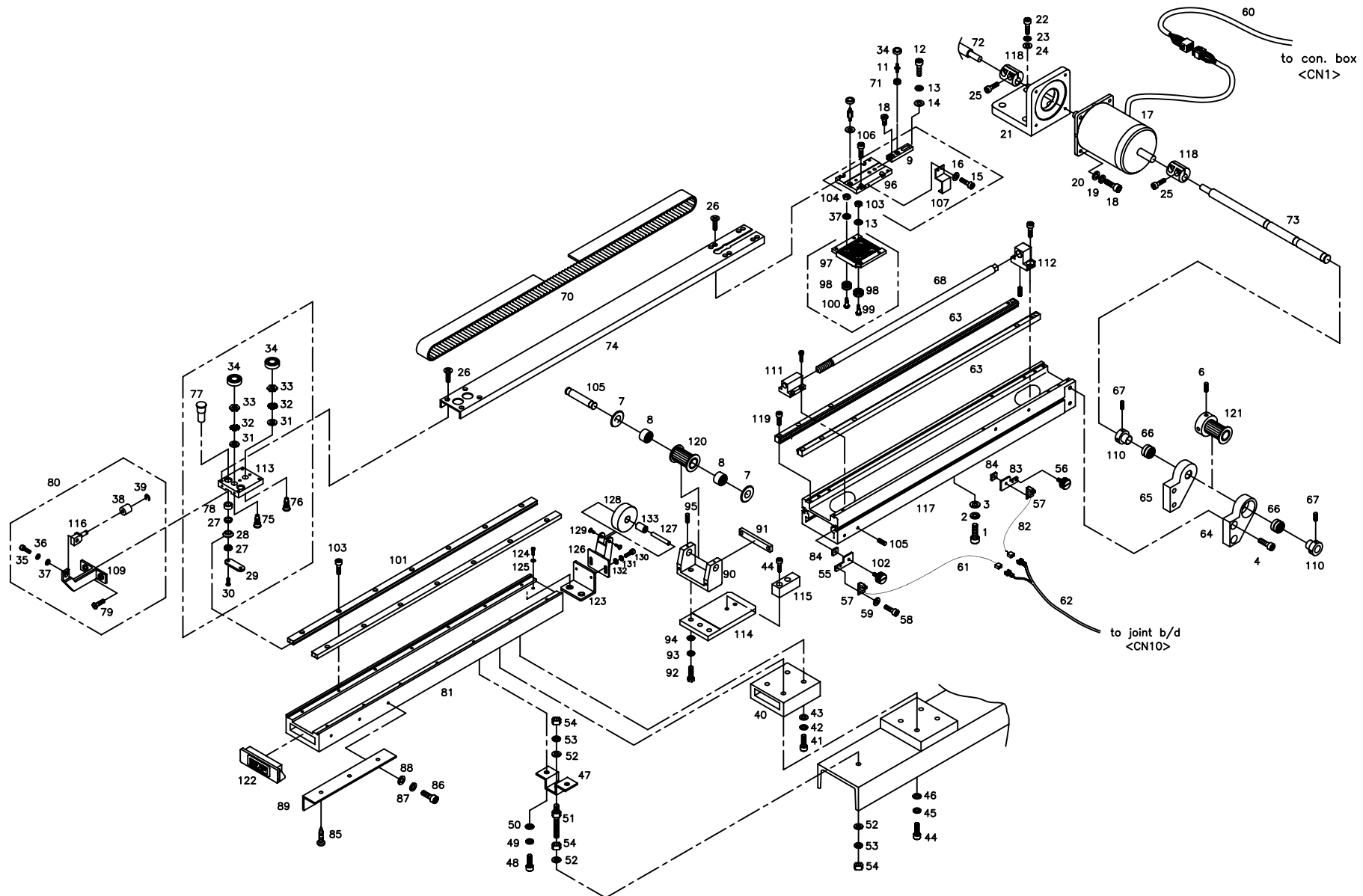


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N

Y-Axis Drive System



Ref.No	Part No.	PartNames	Q'ty
N-001	15017SC-4113	Hex. Socket Bolt (M8*L45)	16
N-002	15095SW-3115	Spring Washer (@8)	16
N-003	04029SW-A001	Stud Bolt Washer(S) (@8)	16
N-004	14002SC-7113	Hex.Socket Bolt (M6*L15)	8
N-006	14060AF-4517	Hex.Socket Screw(M6*L6)	10
N-007	15046RB-A001	Driving Pin Washer (Tw1225)	4
N-008	15042BR-A001	Needle Bearing (1210Zz)	2
N-009	GP-006299-00	ADJUSTING BLOCK FOR BEARING	2
N-010	15074SC-A001	Stopper Stud	2
N-011	15098CW-A001	Rail Guide Pin "B"	2
N-012	02031SC-7113	Hex. Socket Screw (M5*L10)	4
N-013	18048SW-3115	Spring Washer (@5)	4
N-014	WS-000083-00	@5 - Washer	4
N-015	07035SC-7113	Bracket Screw (M3*L6)	2
N-016	06011SW-2111	Washer (@3)	2
N-017	16055MT-UK01	Pulse Motor	1
N-018	08062SC-7113	Hex. Socket Bolt (M5*L20)	12
N-019	18048SW-3115	Spring Washer (@5)	10
N-020	18049SW-3111	Washer (@5)	4
N-021	15057CS-UK01	Motor Bracket (Y)	1
N-022	14027SC-4113	Hex.Socket Bolt (M8*L30)	4
N-023	15095SW-3115	Spring Washer (@8)	4
N-024	08041SW-1111	Washer (@8-S)	4
N-025	03016SC-4113	Hex. Socket Bolt (M5*L15)	4
N-026	15084SC-7119	C.S Screw (M4*L6)	16
N-027	15106BR-A001	Flange Bearing (1280Zz)	8
N-028	15130AF-A001	Roller Guide	4
N-029	15137PR-A001	Rail Guide Shaft Bracket	2
N-030	05028SC-A001	Holder Screw	4
N-031	15077SW-2111	Washer (8@-S)	4
N-032	15078SW-8113	Toothed Lock Washer (@8)	4
N-033	15079SN-2311	Rail Guide Shaft Nut	4
N-034	15077BR-B001	Ball Bearing (Lr606Nppu)	8
N-035	02023SC-7113	Hex. Socket Bolt (M4*L8)	2
N-036	18014SW-3115	Spring Washer (@4-No2)	2
N-037	18015SW-3111	Washer (4@)	2
N-038	15133CW-B001	Roller	2
N-039	15159SR-4013	E-Ring (3@)	2
N-040	15095AD-B001	Spacer	2
N-041	14027SC-4113	Hex.Socket Bolt (M8*L30)	4

Ref. No	Part No.	Part Names	Q'ty
N-042	15095SW-3115	Spring Washer (@8)	4
N-043	08041SW-1111	Washer (@8-S)	4
N-044	14006SC-7113	Hex.Socket Set Screw(M8*L15)	4
N-045	15095SW-3115	Spring Washer (@8)	4
N-046	08041SW-1111	Washer (@8-S)	4
N-047	15097PR-B001	Stud Bracket	2
N-048	14006SC-7113	Hex.Socket Set Screw(M8*L15)	4
N-049	15095SW-3115	Spring Washer (@8)	4
N-050	08041SW-1111	Washer (@8-S)	4
N-051	15096CW-B001	Stud Bolt (M8*L90)	2
N-052	08041SW-1111	Washer (@8-S)	6
N-053	15095SW-3115	Spring Washer (@8)	6
N-054	04032SN-A001	Hex. Nut (M8-No2)	6
N-055	16078PR-W121	Sensor Bracket (L)	2
N-056	15120SC-A001	Position Adjusting Screw	2
N-057	16062EL-T121	Sensor Set	2
N-058	08006SC-8118	Plus Screw (M3*L5)	4
N-059	06011SW-2111	Washer (@3)	4
N-060	25011EL-E121	Cable (25-11)	1
N-061	25055EL-W121	Cable (25-55)	1
N-062	25048EL-E121	Cable (25-48)	1
N-063	15030AD-B001	Y Cam Roller Guide Rail L=633	4
N-064	04103100B000	Timing Pulley Bracket (L)	2
N-065	04103200B000	Timing Pulley Bracket (R)	2
N-066	14065BR-A001	Needle Bearing (Nk18/16A)	8
N-067	04014SC-4517	Hex.Socket Set Screw(M5*L5)	2
N-068	15033CW-B001	Cam Rollar Screw "B"	2
N-070	15051BT-A001	Y-Drive Timing Belt (W:35)	2
N-071	18111CW-B001	Frame 'E' Roller	2
N-072	18013SH-E131	Shaft A (L=665.5)	1
N-073	18014SH-E131	Shaft B (L=533)	1
N-074	15083PR-B001	Connection Cover"C"	2
N-075	15074CW-B001	Rail Guide Pin "A"	2
N-076	15075CW-B001	Rail Guide Pin "B"	2
N-077	15076CW-A031	Rail Guide Pin "C"	4
N-078	15092CW-A031	Stopper Washer	4
N-079	02002SC-7119	Pluss Screw (M4*L8)	4
N-080	15134BM-B001	Roller Bracket Ass'Y	2
N-081	15090AD-B001	V-Rail Bracket	2
N-082	25056EL-W121	Cable (25-56)	2

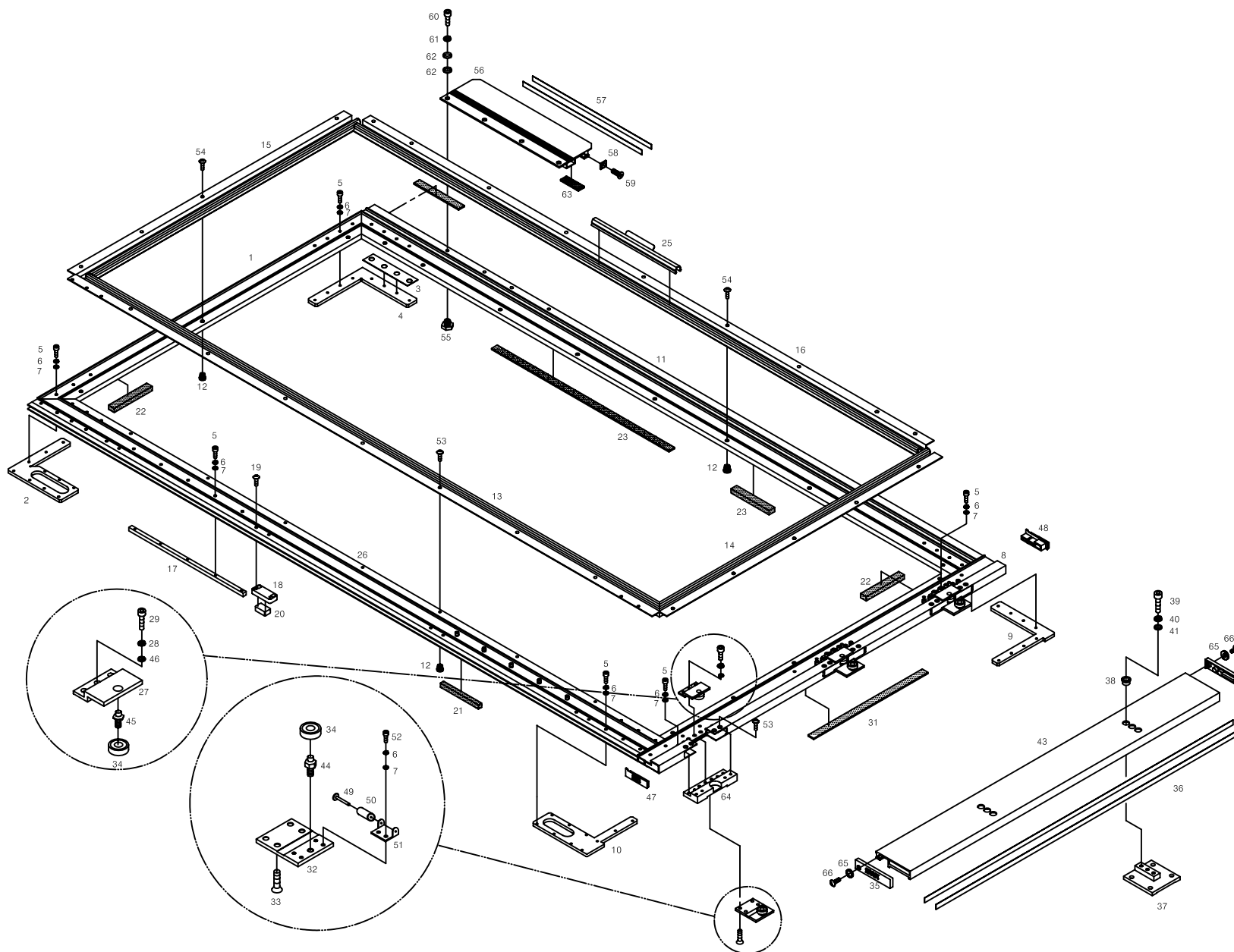
Y-Axis Drive System



O

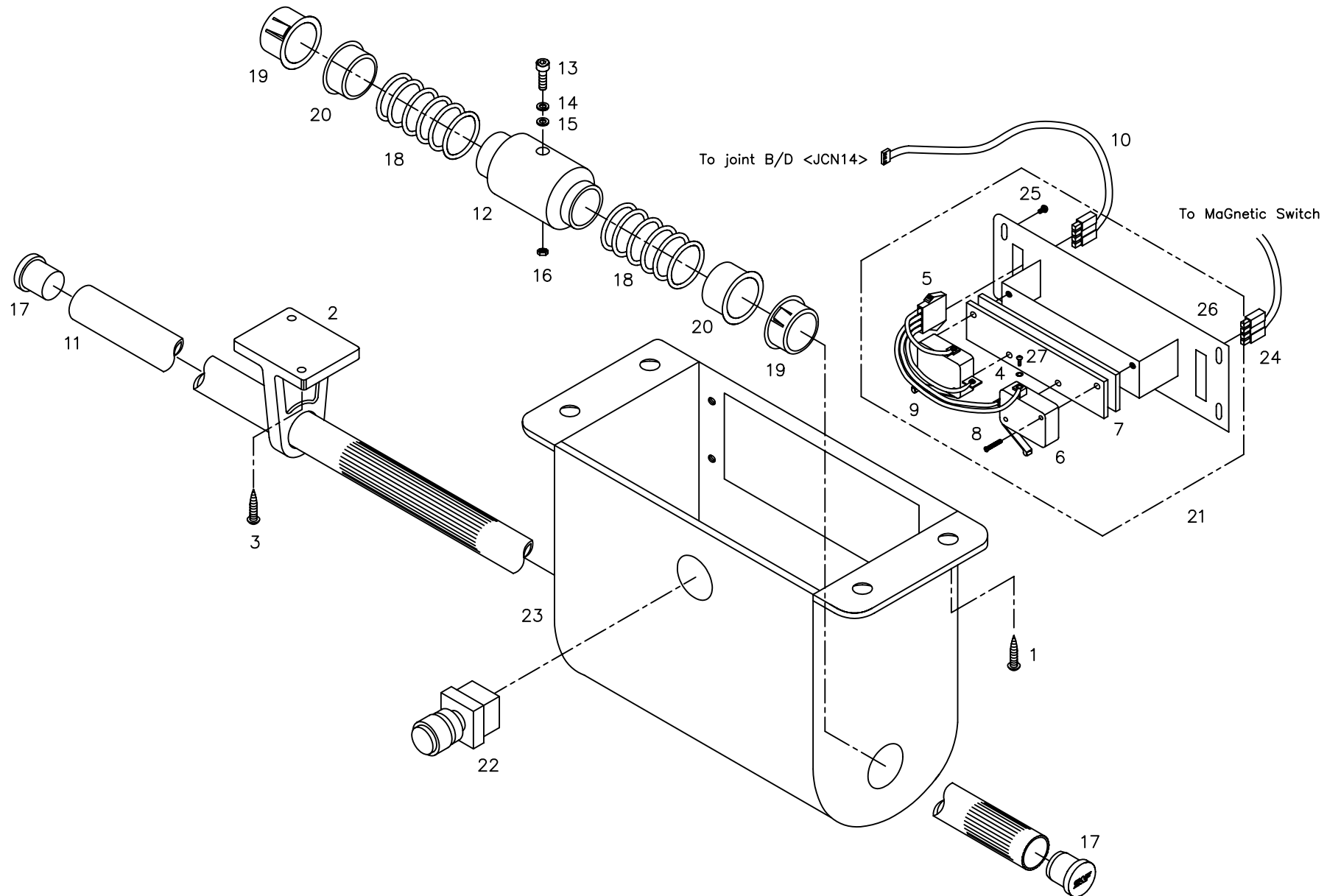
Frame

SWF®



P

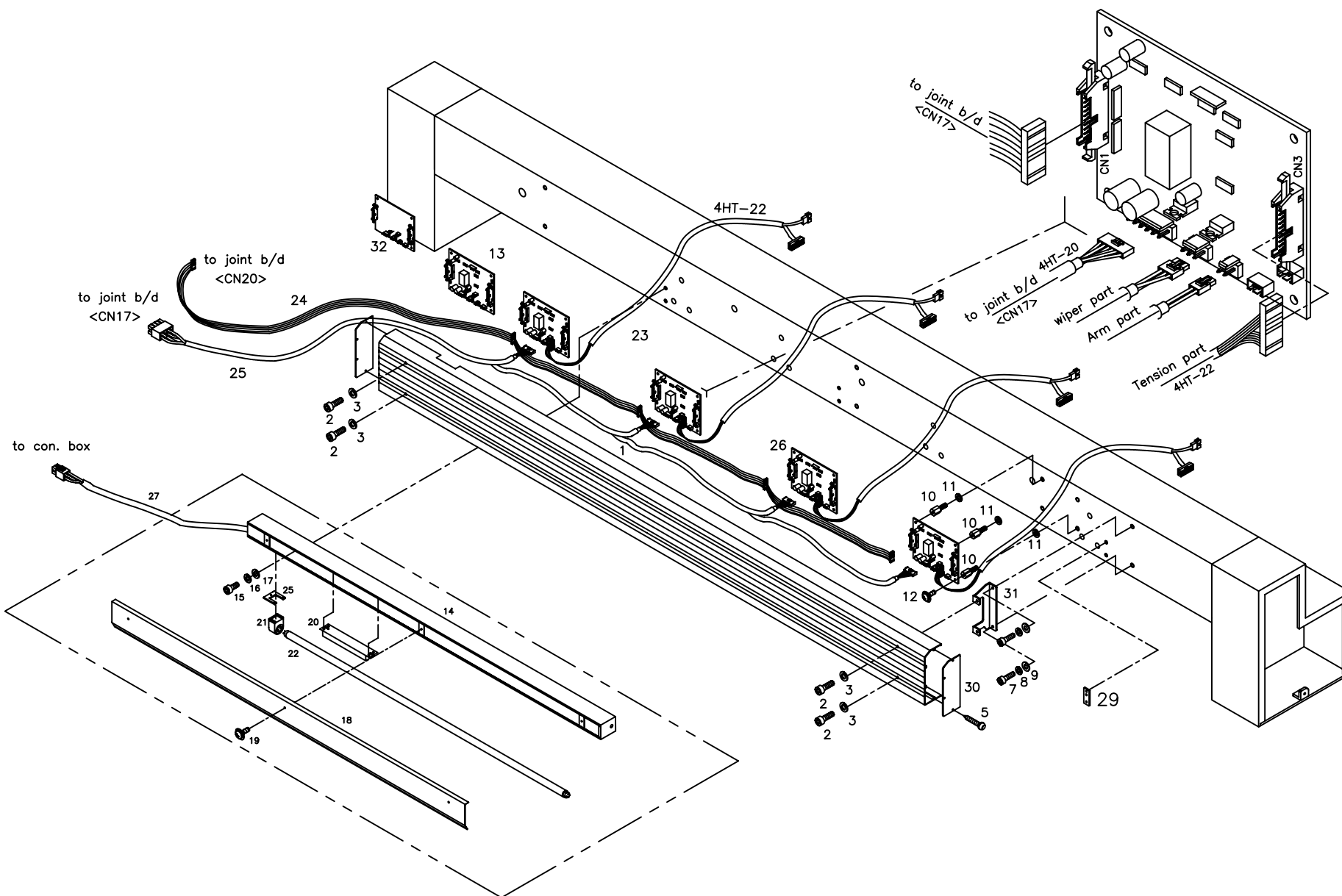
Bar Switch



Q

Sub Control Unit & Lamp Unit

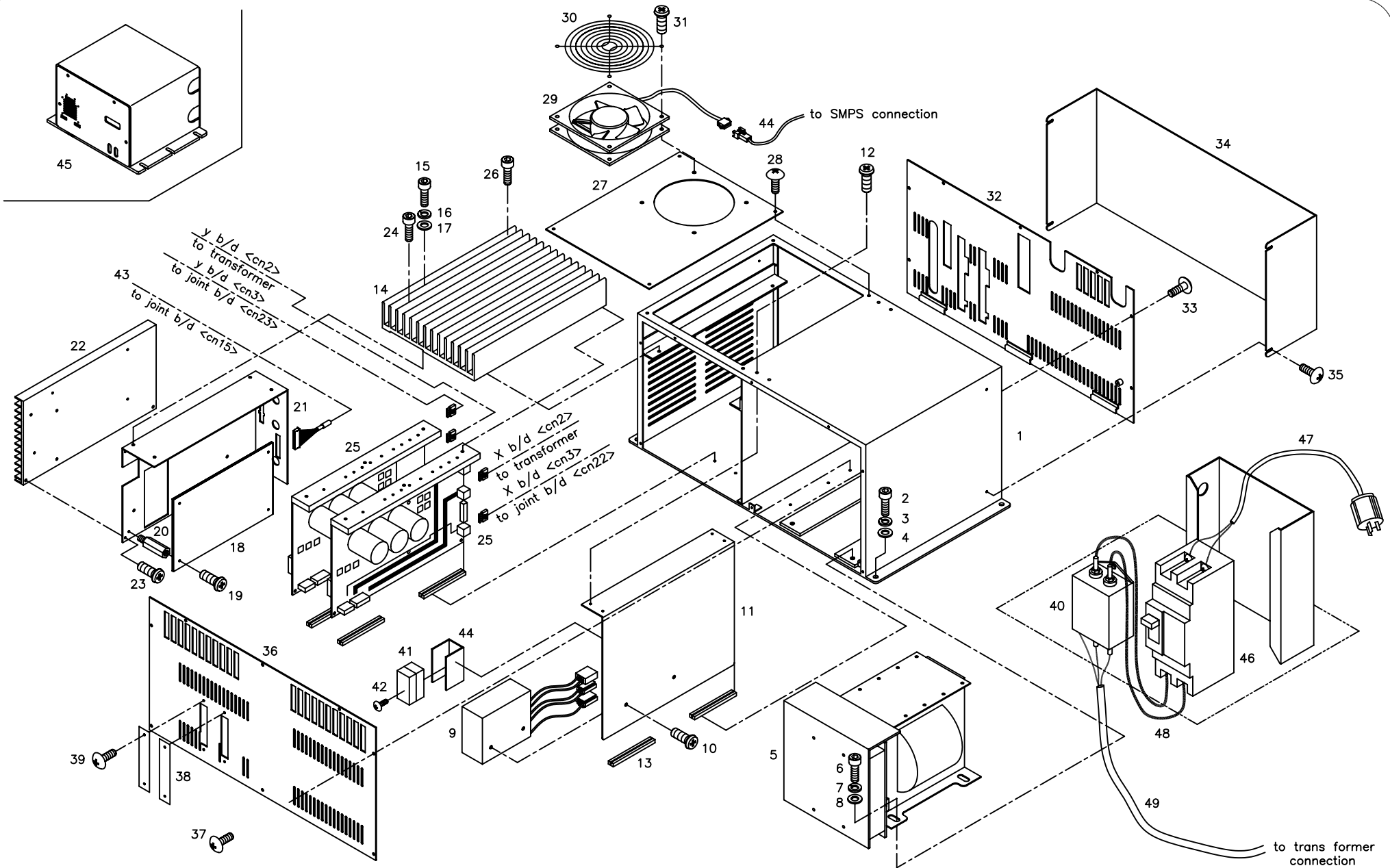
SWF®



R

Main Controller

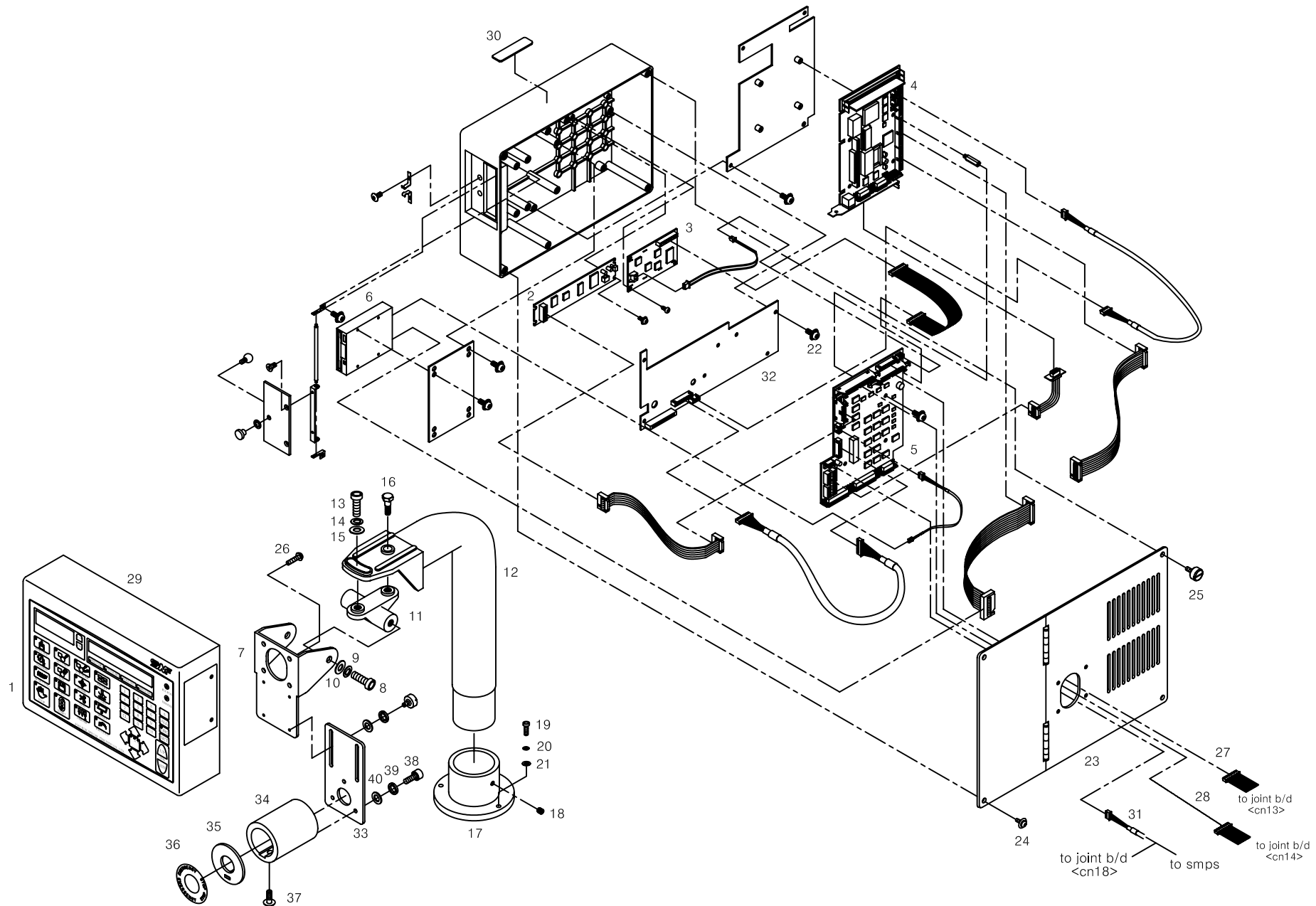
SMF®



S

Operation Unit

SMF®



T

Bobbin Winder

SMF®

