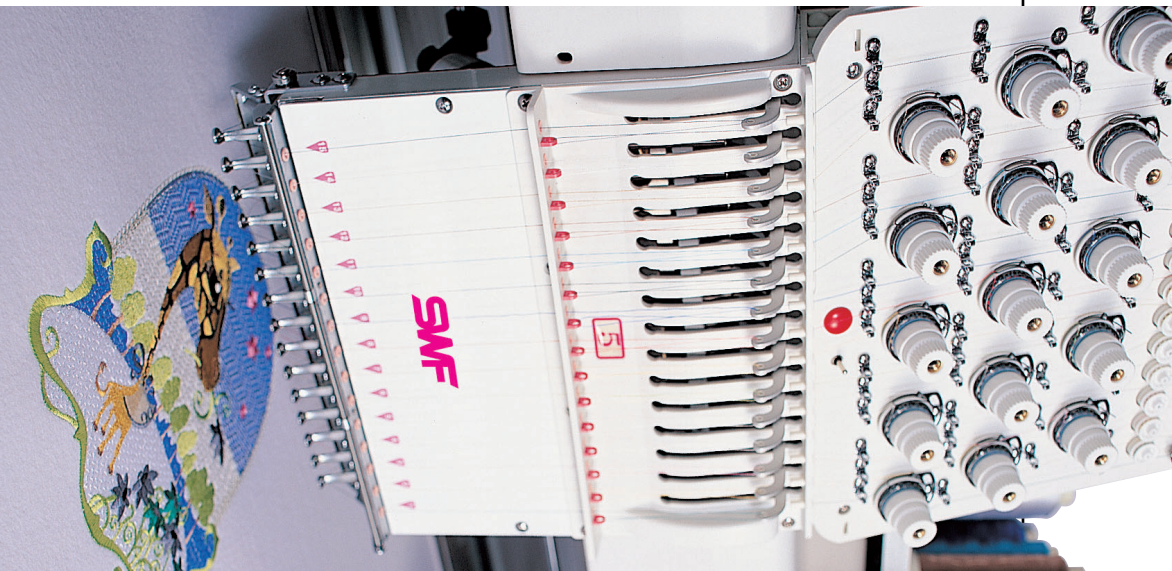


PARTS BOOK

SWF/E-Series



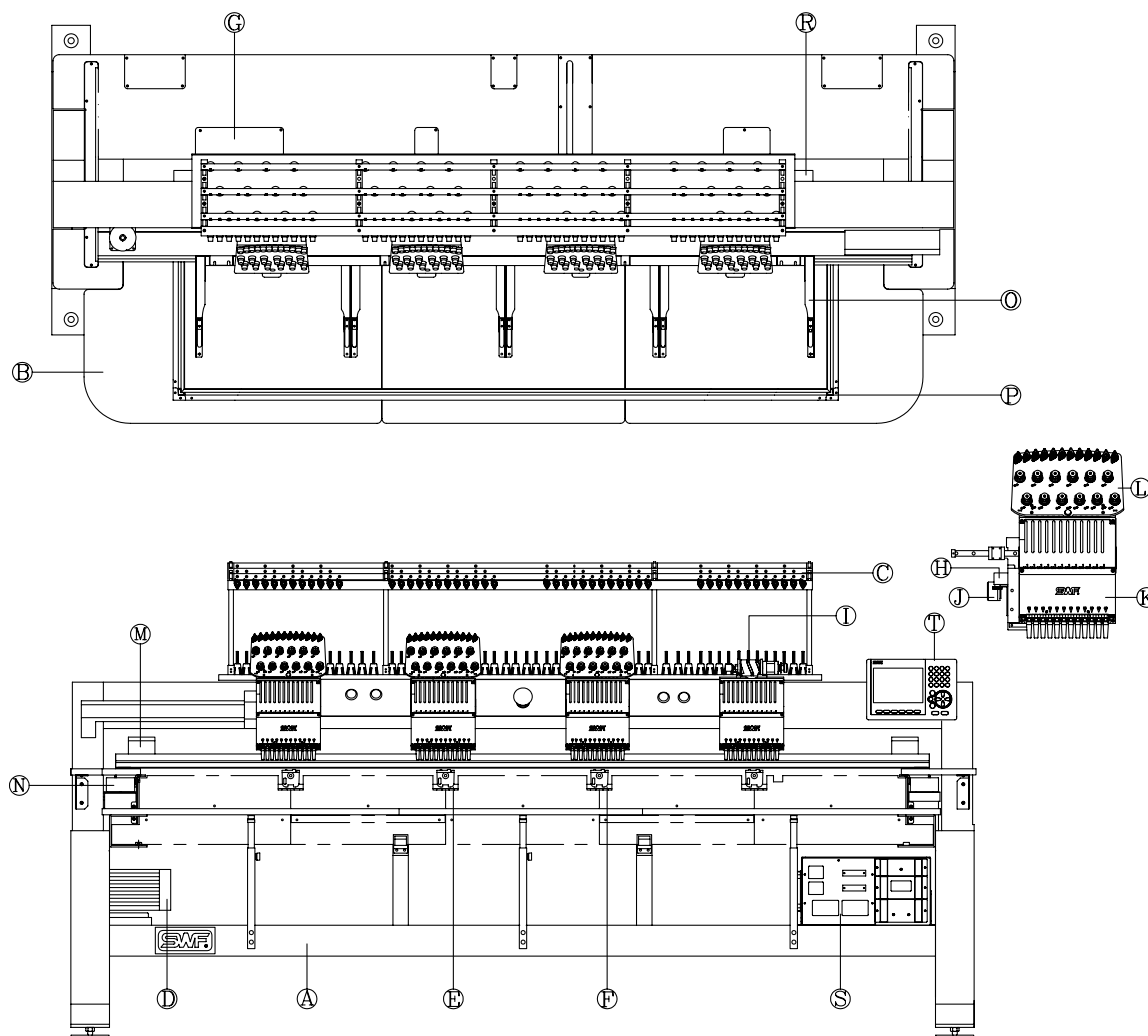
**Tubular Automatic
Embroidery Machine**

SWF

PME-060628

SUNSTAR PRECISION CO., LTD.

Machine Layout



- A1. Machine Body Ass'y(UK1202)
- A2. Machine Body Ass'y(UK1204)
- A3. Machine Body Ass'y(UK1206)
- A4. Machine Body Ass'y(UH1506C)
- A5. Machine Body Ass'y(UH1508)
- B1. Work Table(UK1202)
- B2. Work Table(UK1204)
- B3. Work Table(UK1206)
- B4. Work Table(UH1506C)
- B5. Work Table(UH1508)
- C. Spool Stand
- D. Main Drive System
- E. Bed I
- F. Bed II
- G. Thread Cutting Drive System
- H1. Arm I
- H2. Arm II
- H3. Arm III
- I. Color Change Set
- J. Wiper Set
- K. Head
- L. Thread Tension Unit
- M1. X-Axis Drive Set(UK1202)
- M2. X-Axis Drive Set(UK1204)
- M3. X-Axis Drive Set(UK1206)
- M4. X-Axis Drive Set(UH1506C)
- M5. X-Axis Drive Set(UH1508)
- N1. Y-Axis Drive Set(UK1202)
- N2. Y-Axis Drive Set(UK1204)
- N3. Y-Axis Drive Set(UK1206)
- N4. Y-Axis Drive Set(UH1506C)
- N5. Y-Axis Drive Set(UH1508)
- O1. Tubular Frame(UK1202)
- O2. Tubular Frame(UK1204)
- O3. Tubular Frame(UK1206)
- O4. Tubular Frame(UH1506C)
- O5. Tubular Frame(UH1508)
- P1. Border Frame(UK1202)
- P2. Border Frame(UK1204)
- P3. Border Frame(UK1206)
- P4. Border Frame(UH1506C)
- P5. Border Frame(UH1508)
- Q. S/B Switch Unit
- R1. Sub-Control Unit & Lamp(UK1202)
- R2. Sub-Control Unit & Lamp(UK1204)
- R3. Sub-Control Unit & Lamp(UK1206)
- R4. Sub-Control Unit & Lamp(UH1506C)
- R5. Sub-Control Unit & Lamp(UH1508)
- S. Controller
- T. Operation Unit
- U. Bobin Winder



CONTENT

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

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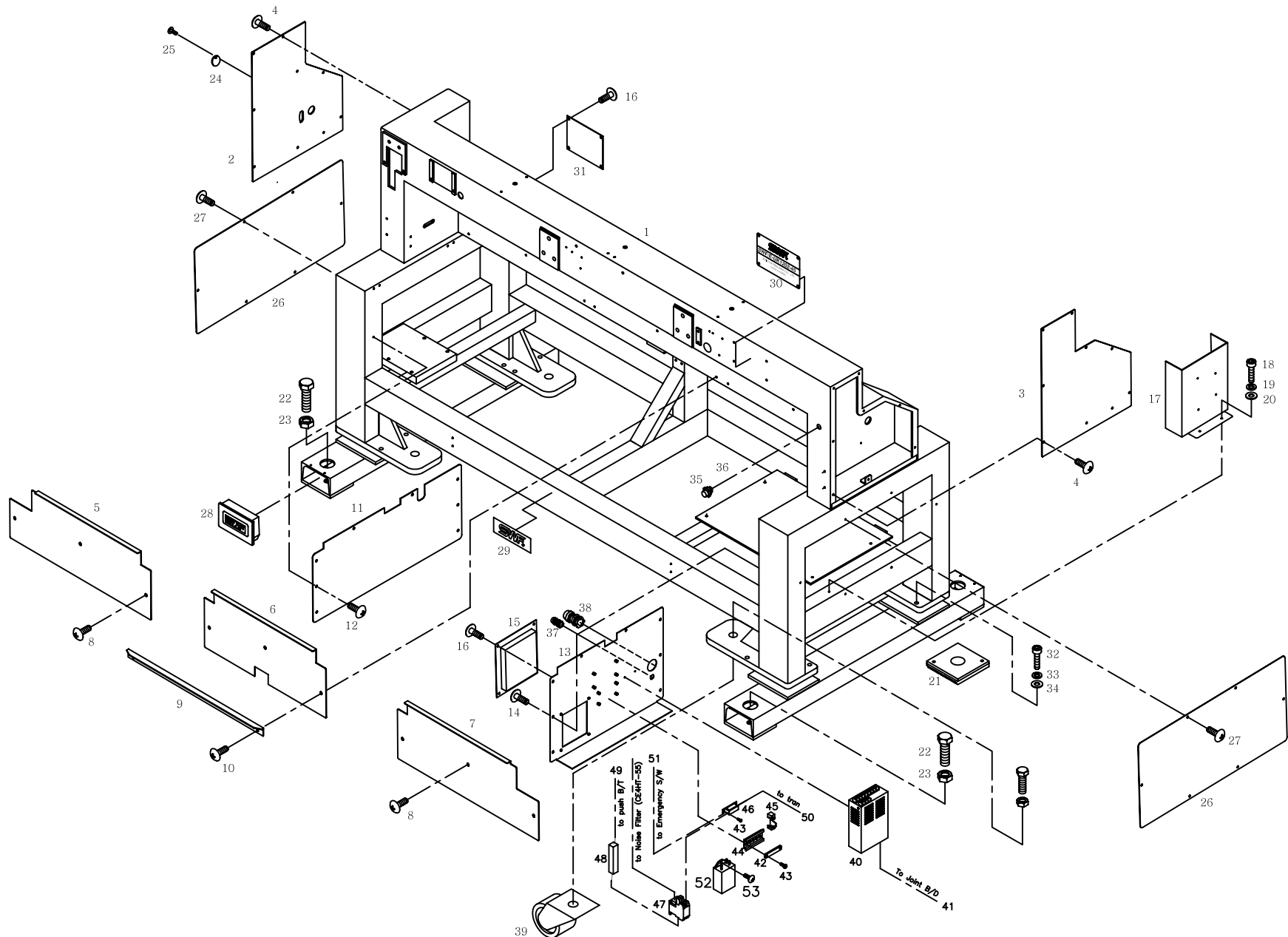


CONTENT

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A1

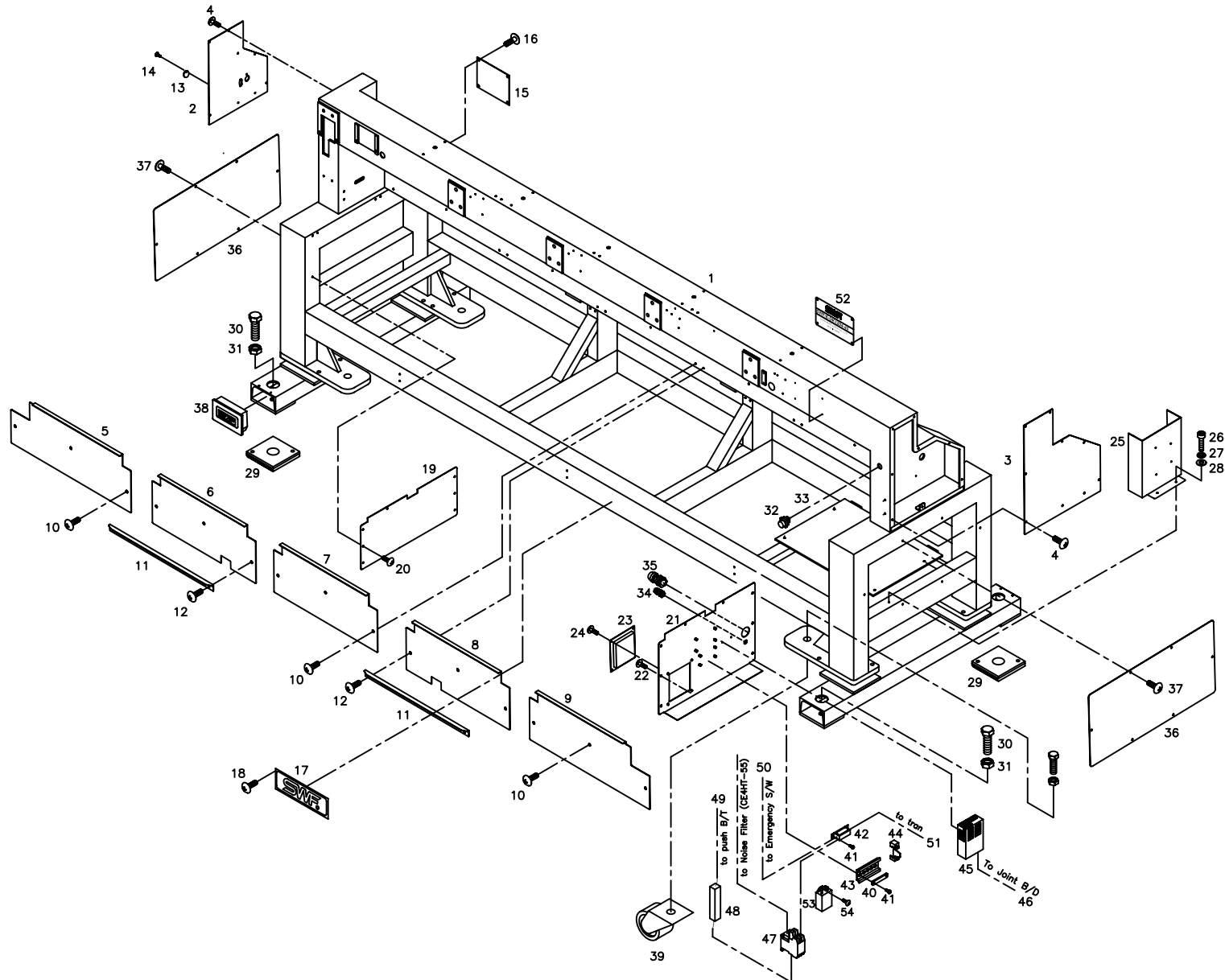
Machine Body Ass'y (UK1202)



A2

Machine Body Ass'y (UK1204)

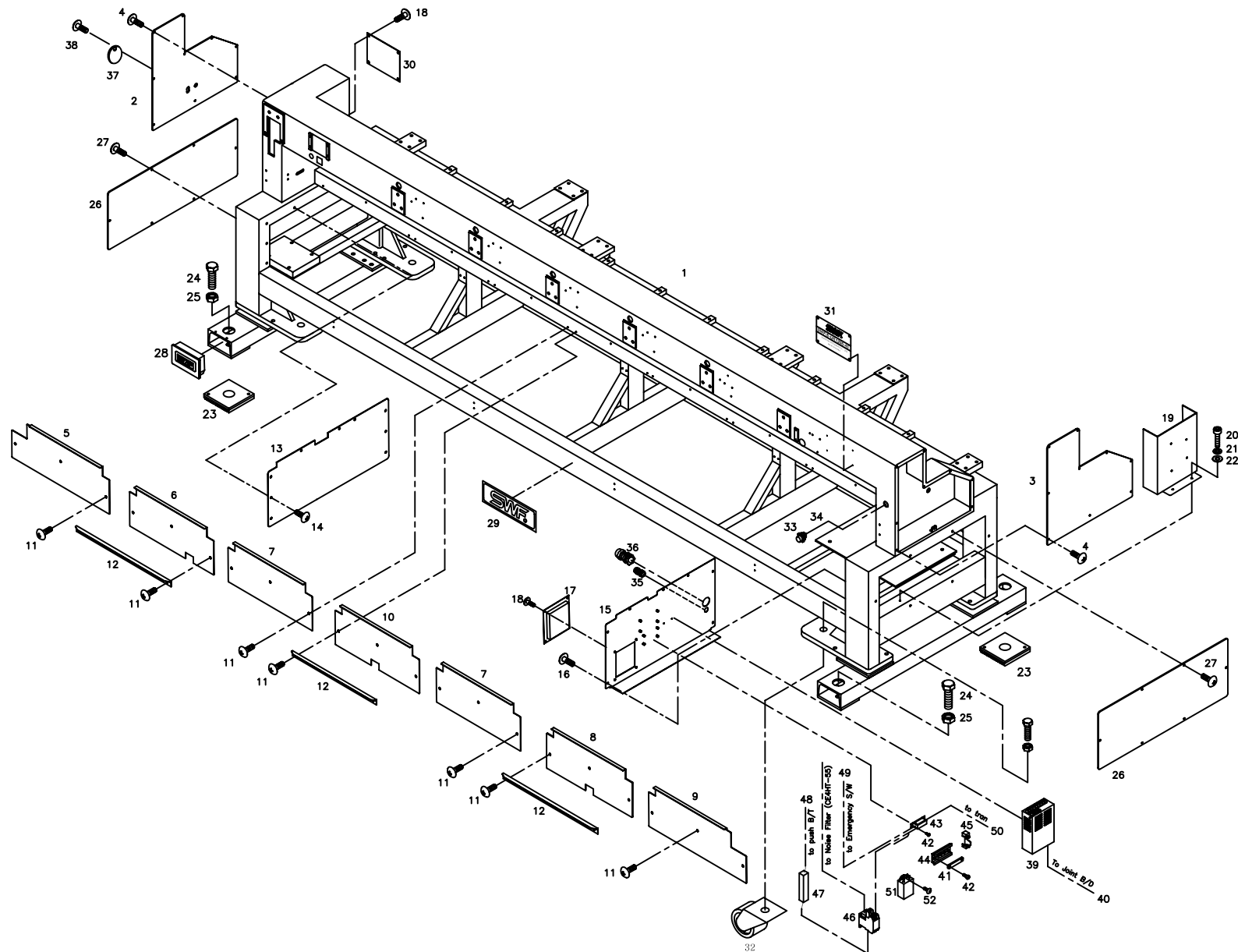
SWF®



A3

Machine Body Ass'y (UK1206)

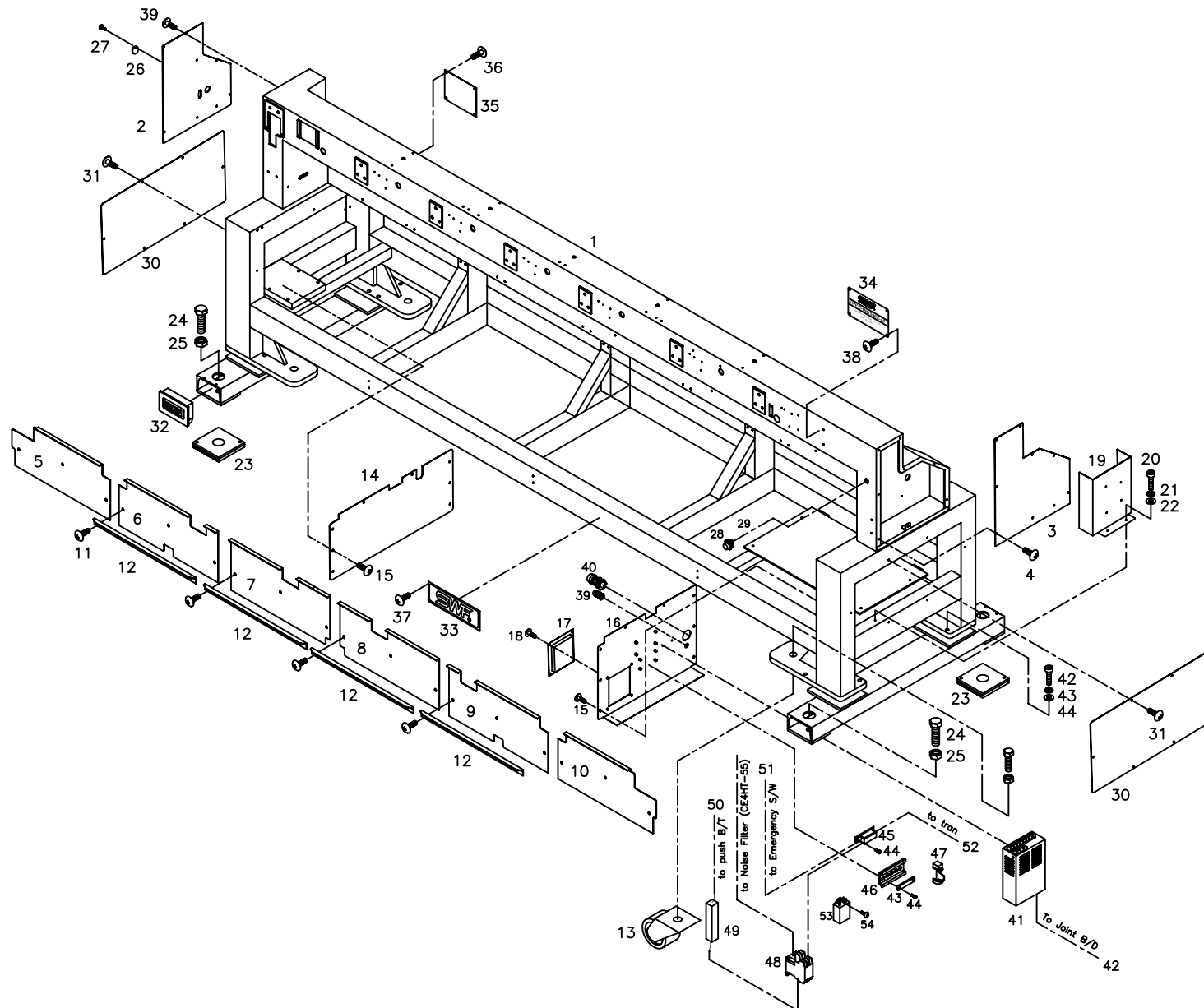
SWF®



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A4

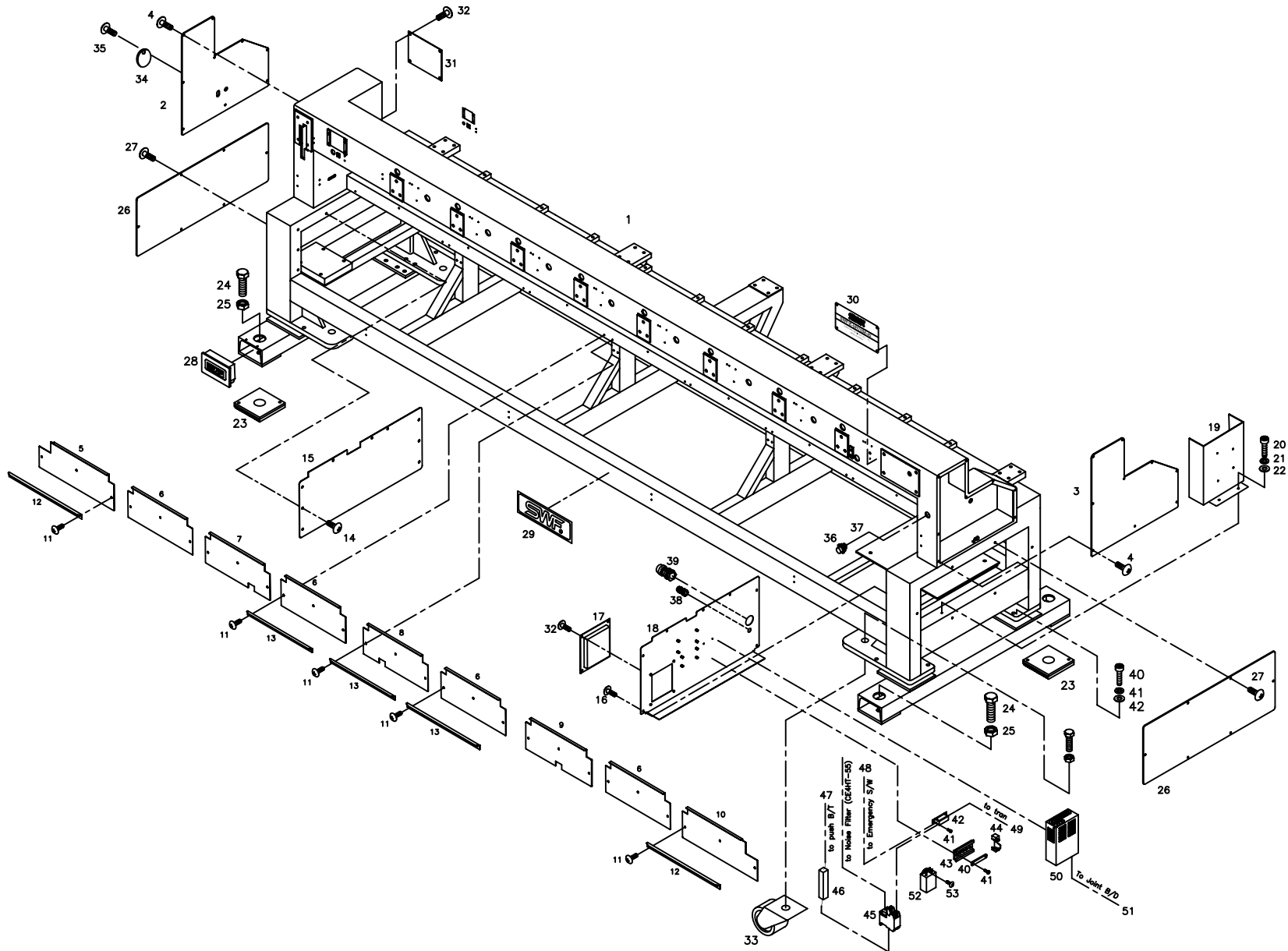
Machine Body Ass'y (UH1506C)



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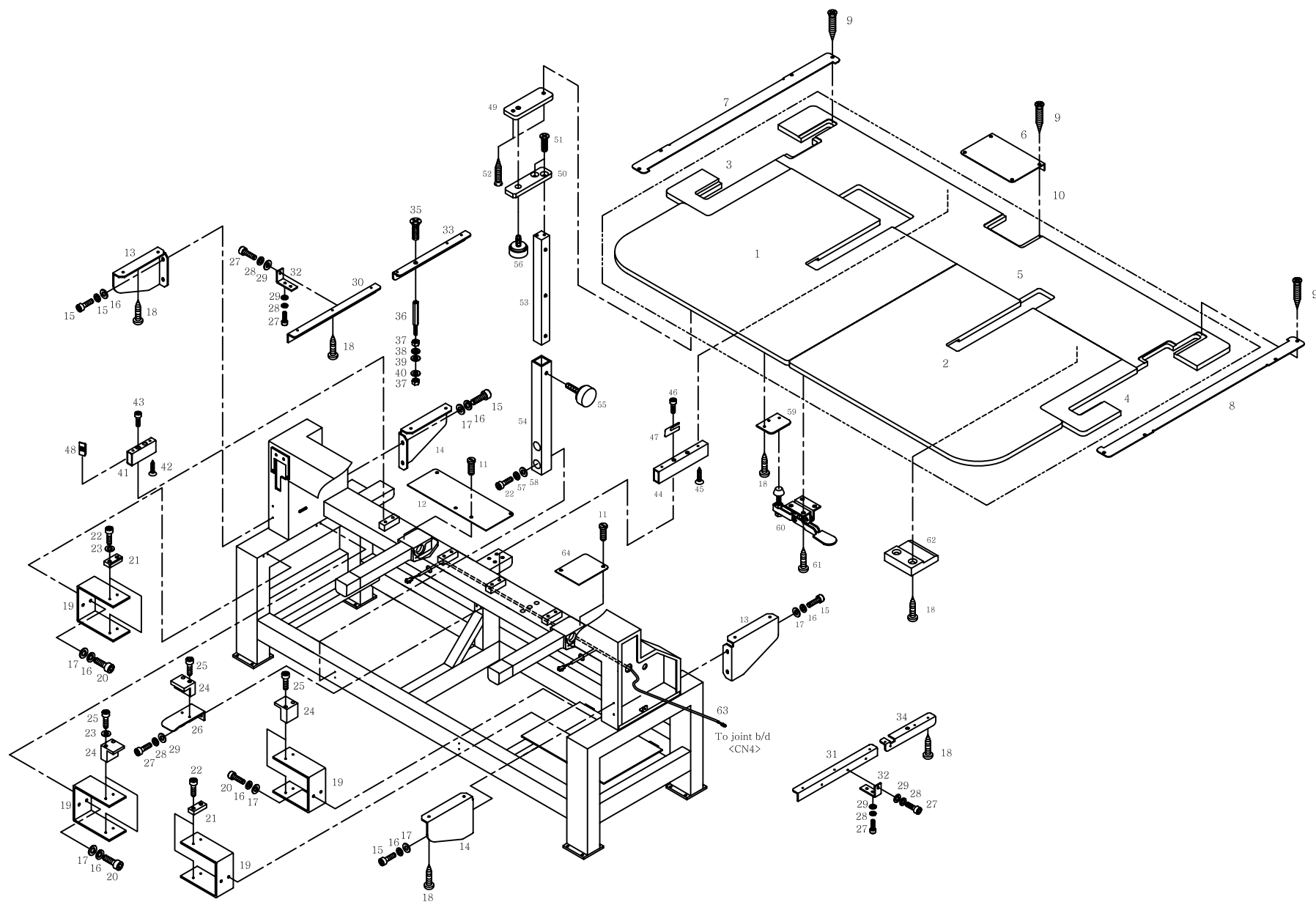
A5

Machine Body Ass'y (UH1508)



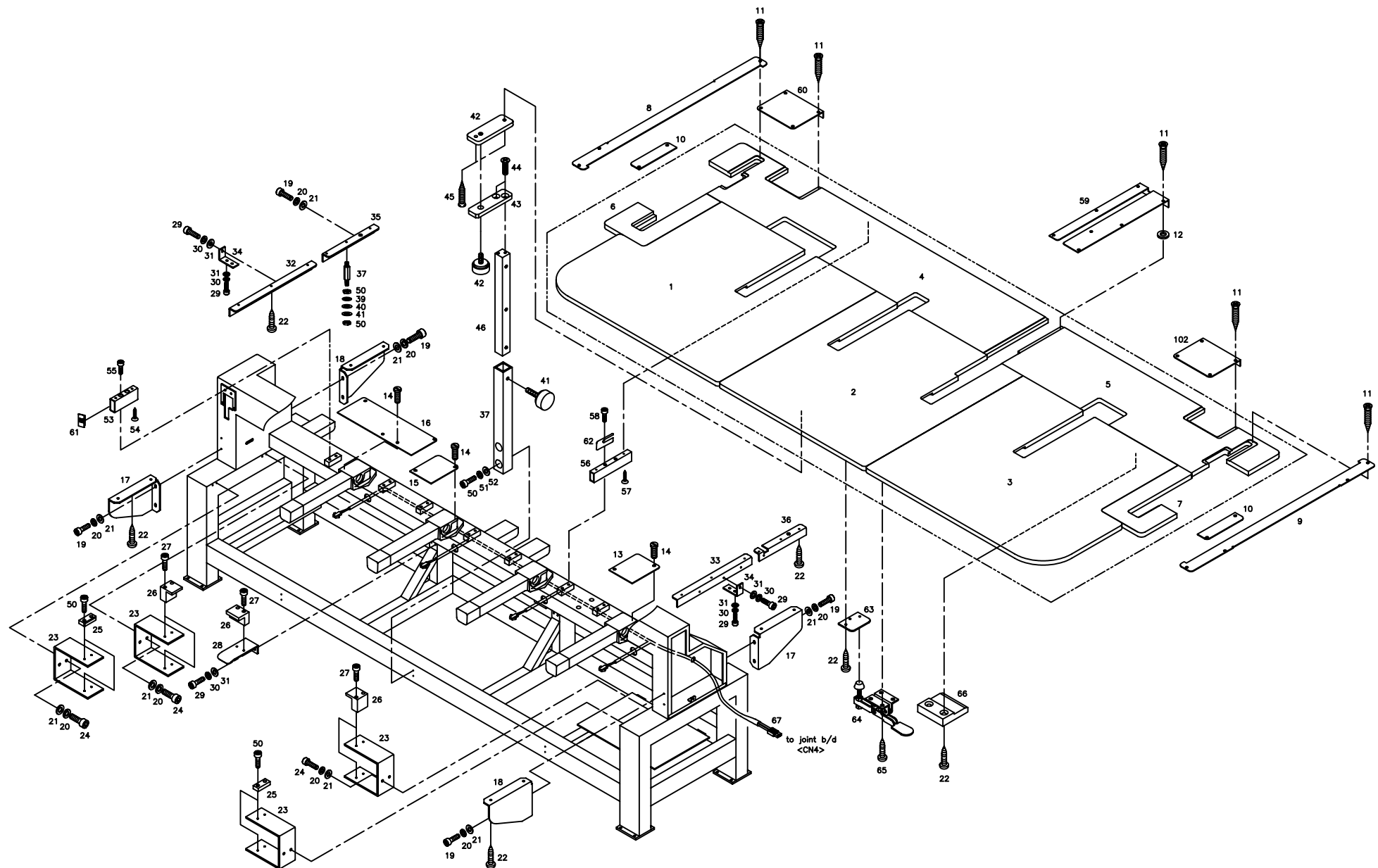
B1

Work Table (UK1202)



B2

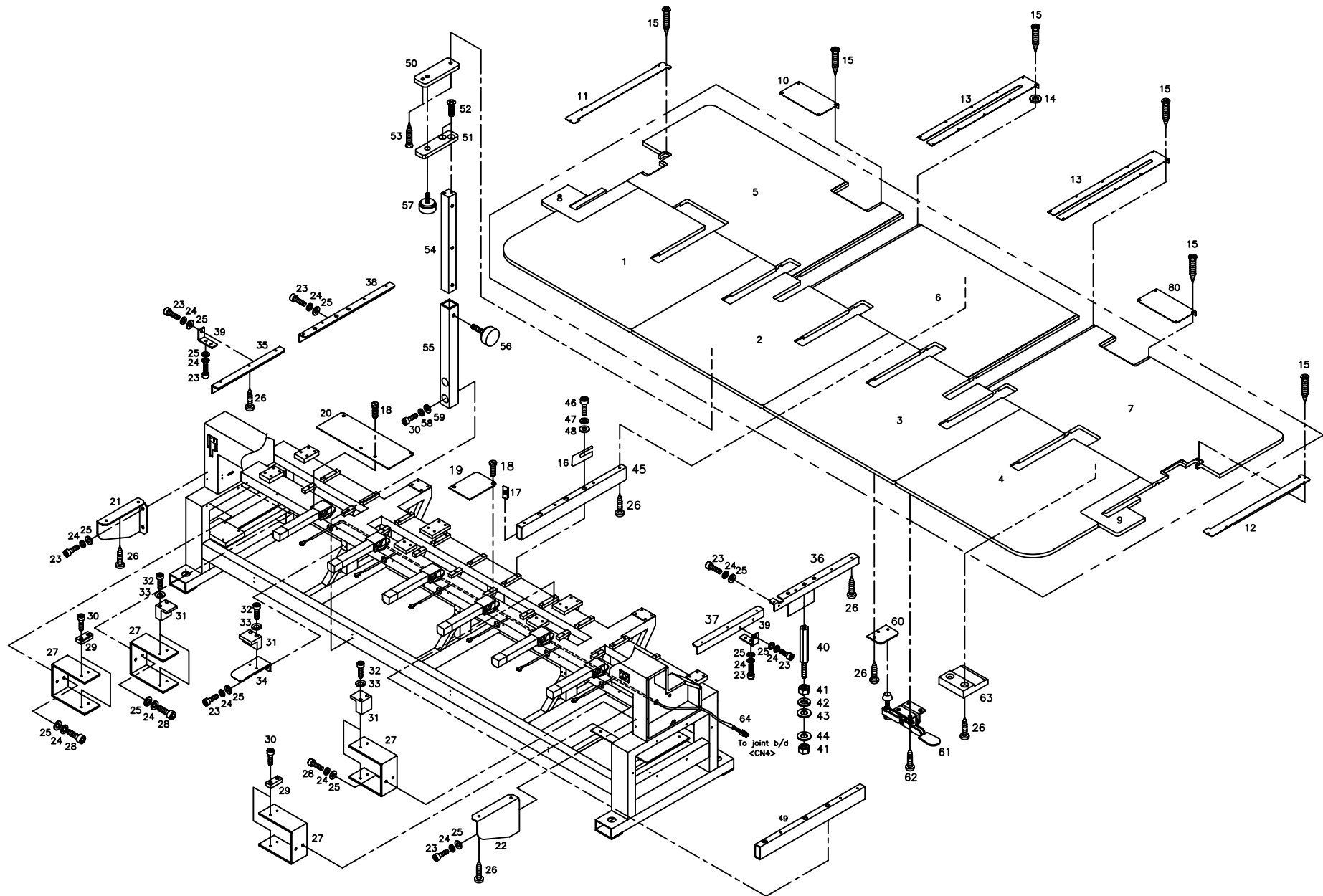
Work Table (UK1204)



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B3

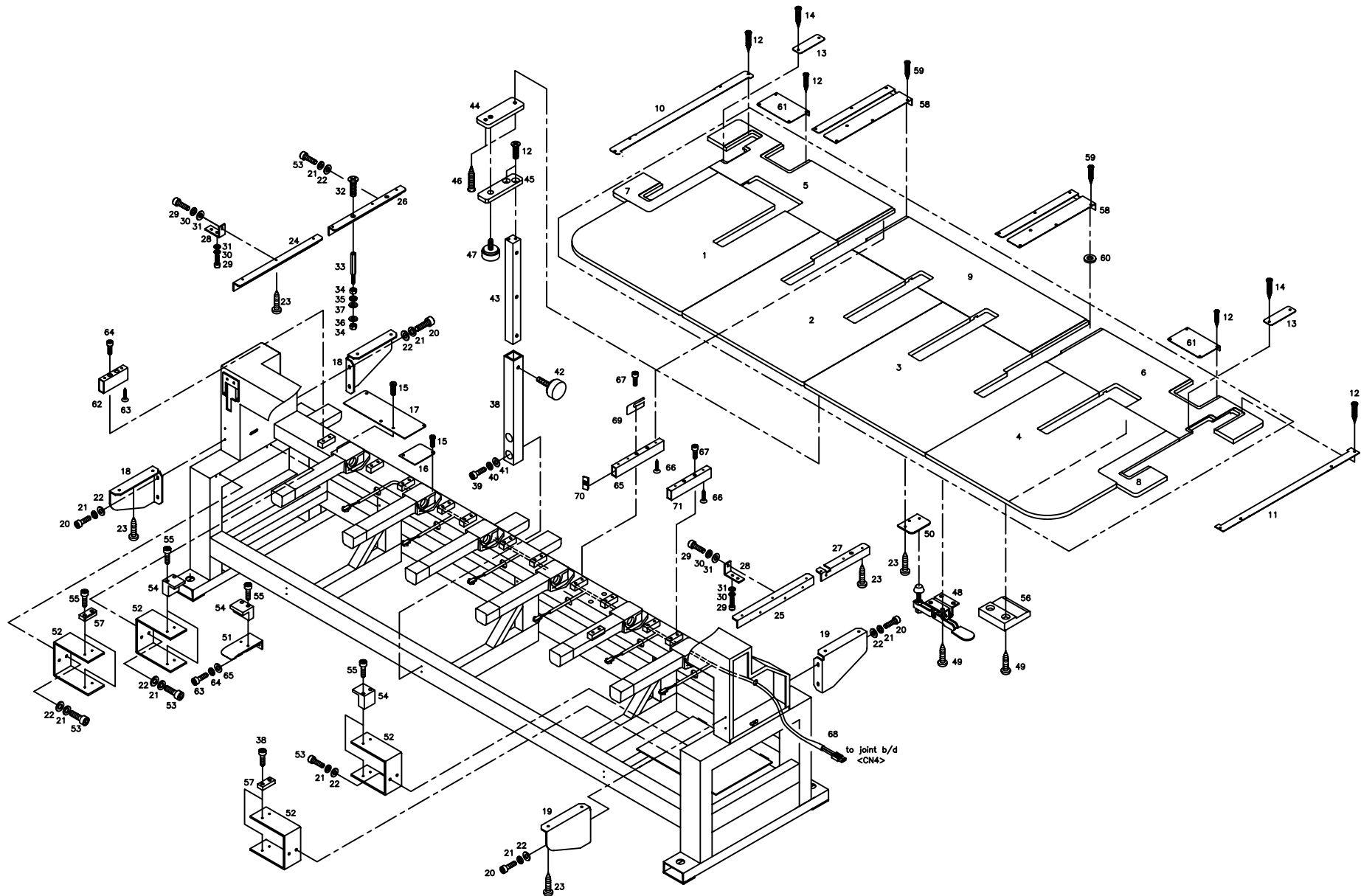
Work Table (UK1206)



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B4

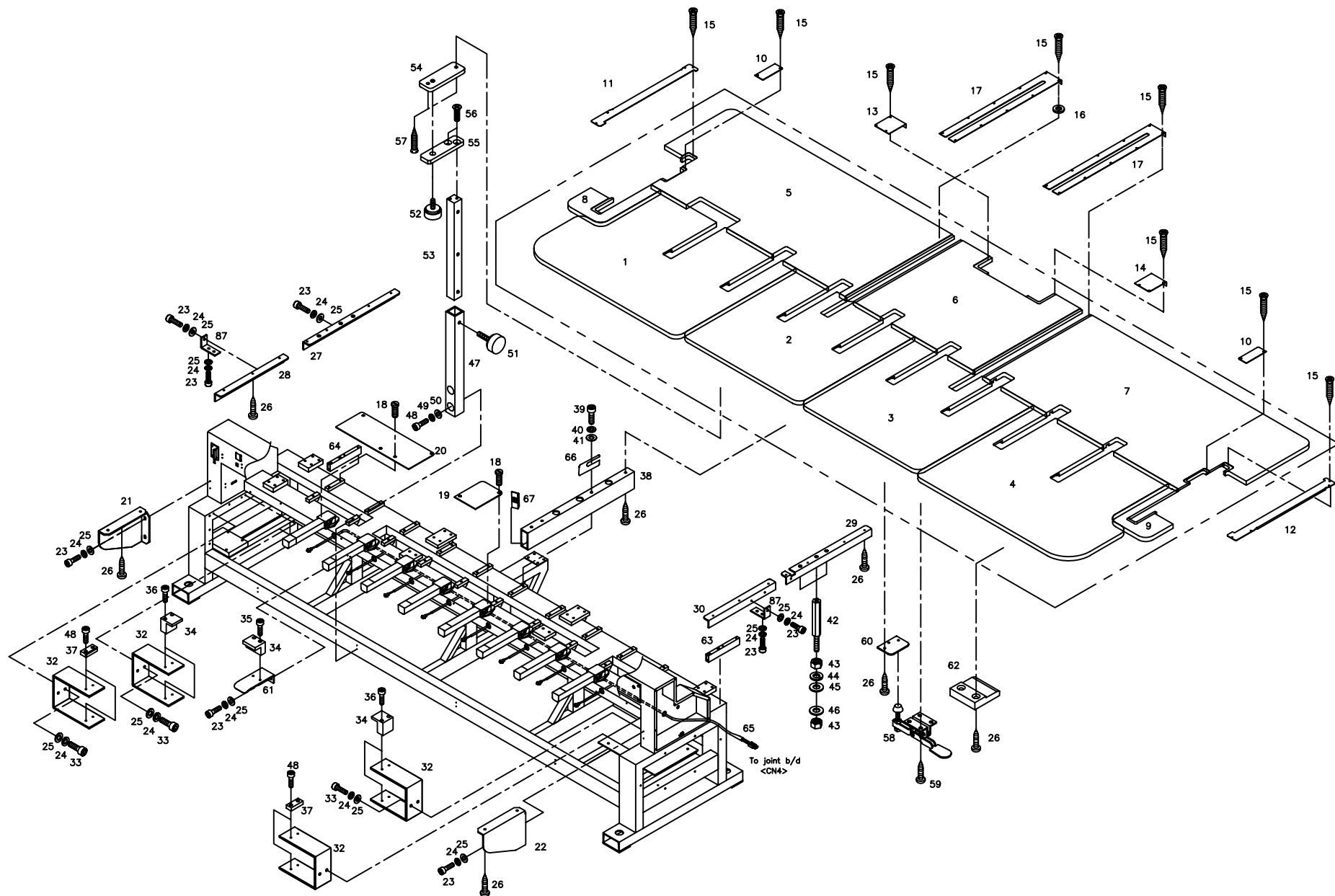
Work Table (UH1506C)



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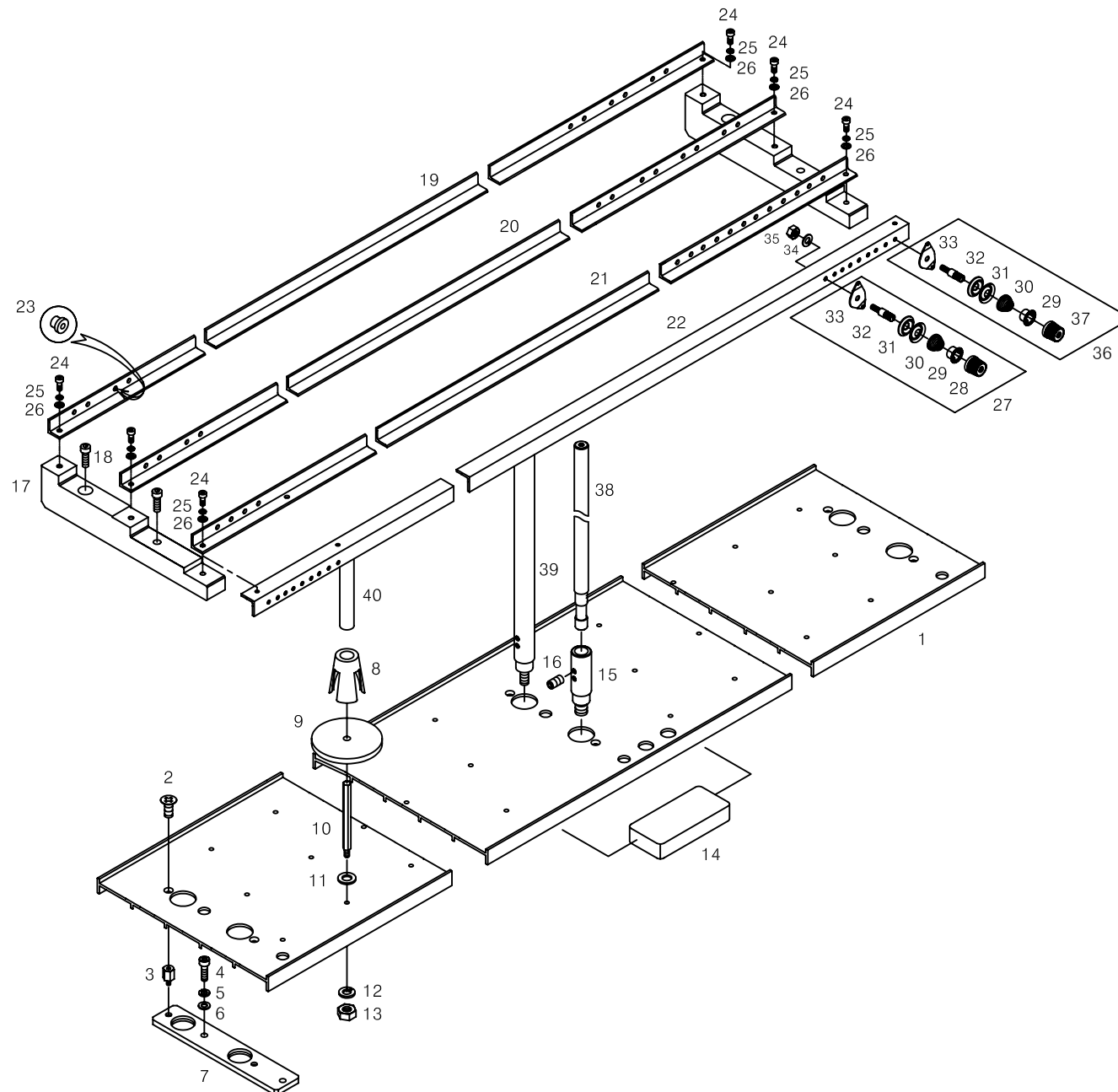
B5

Work Table (UH1508)



C

Spool Stand

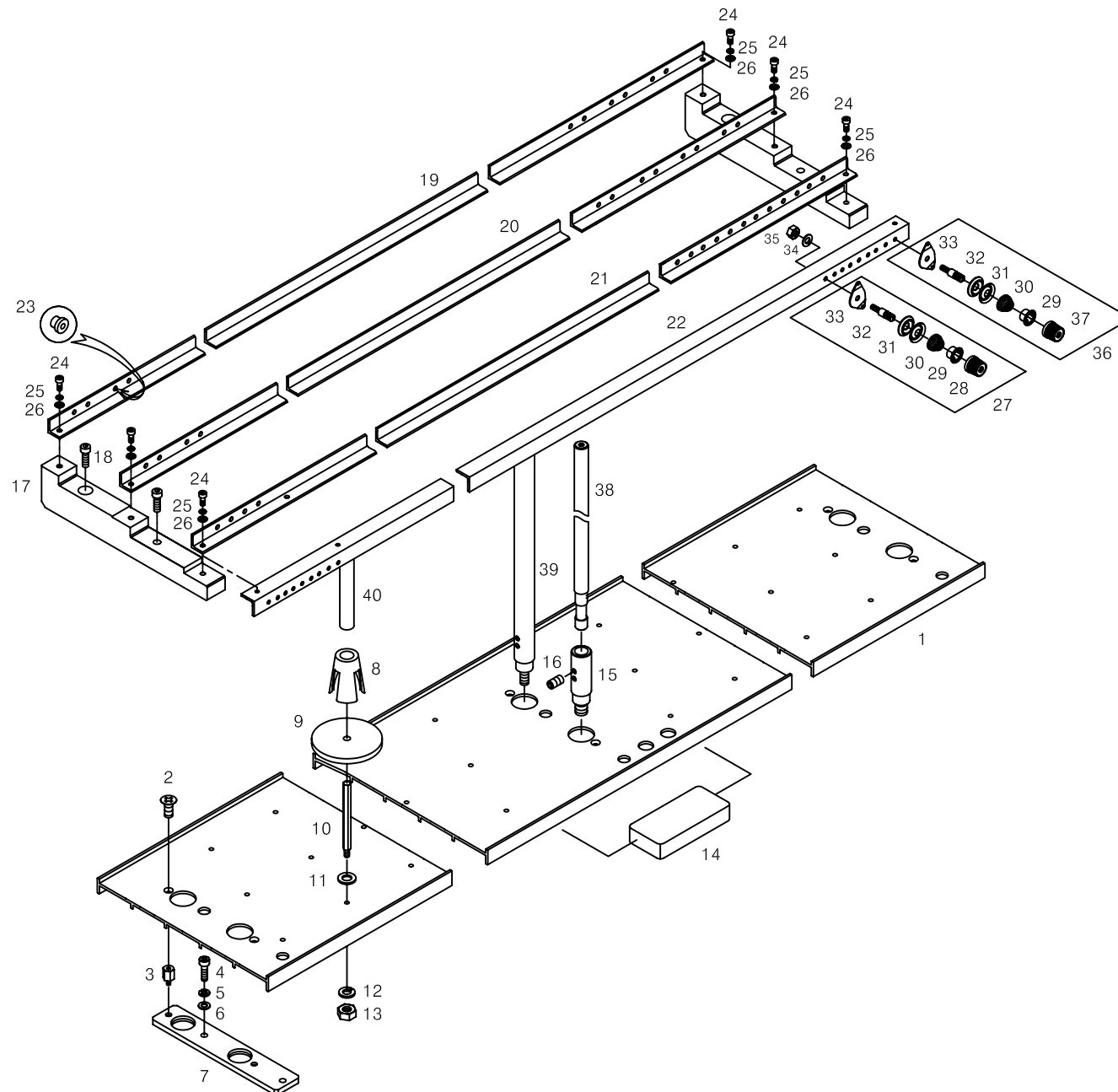


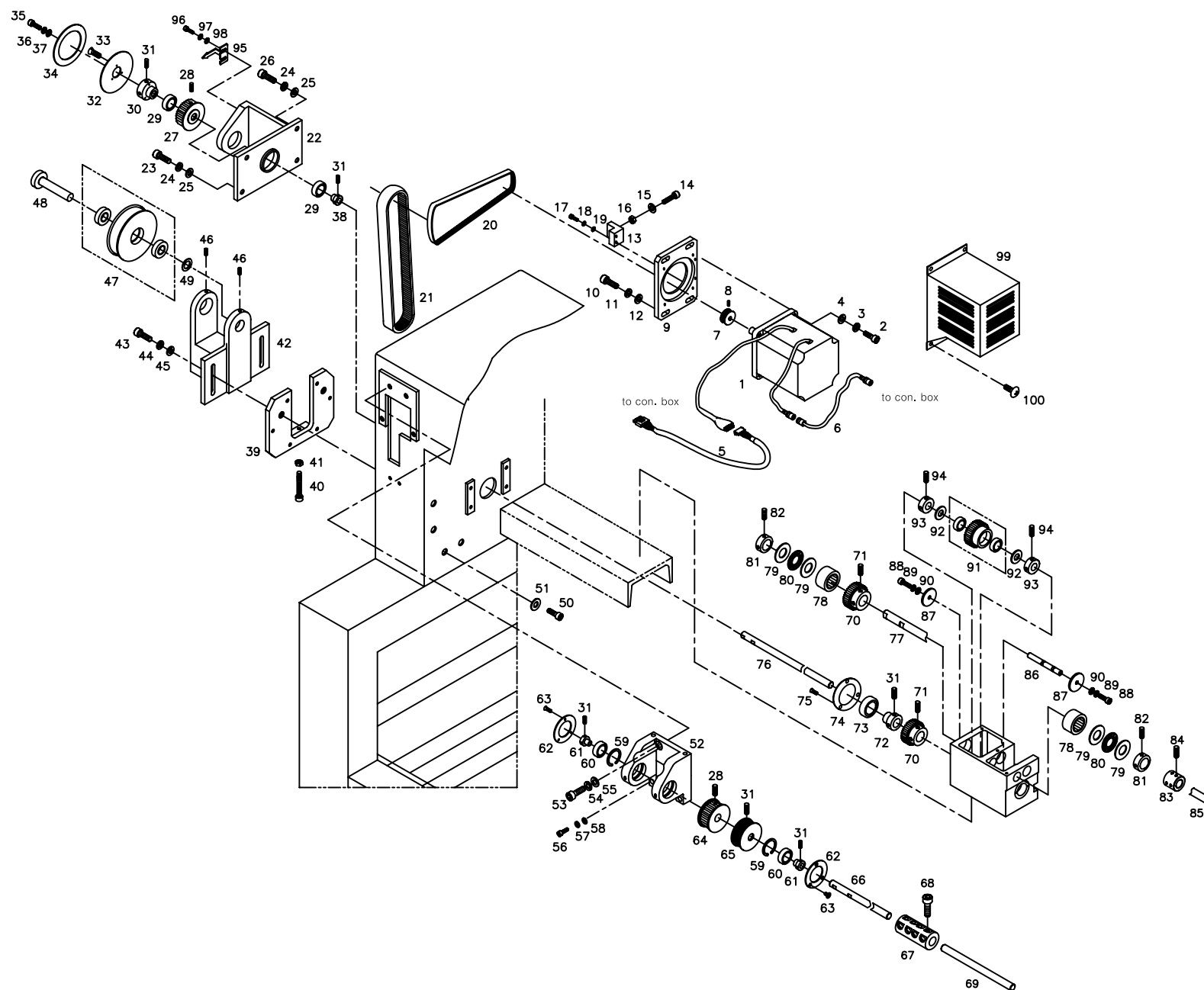
Ref.No	Part No.	Part Names	Q'ty
C-001	12001AD-UK02	Spool Plate (L=950) (UK1202)	1
	12001AD-UK12	Spool Plate (L=1080) (UK1502)	
	11000102UK00	Spool Plate(L=2080) (UK604)	
	11001AD-UK01	Spool Plate(L=2080) (UK1204)	
	11001AD-UK14	Spool Plate(L=2080) (UK1504)	
	05100102UK00	Spool Plate (L=3020) (UK606)	
	05100103UK00	Spool Plate (L=2950) (UK906)	
	12001AD-UK06	Spool Plate (L=2950) (UK1206)	
	12001AD-UK16	Spool Plate (L=2950) (UK1506)	
	05100104UH00	Spool Plate L=2480 (UH1206C)	
	05100105UH00	Spool Plate L=2480 (UH1506C)	
	05100104UH08	SPOOL PLATE L=3280 (UH1208)	
	05100105UH80	SPOOL PLATE L=3280 (UH1508)	
C-002	02002SC-7119	Pluss Screw (M4*L8)	8
C-003	11005CW-UK01	Spool Plate Fixing Bolt M6*L21	8
C-004	03016SC-4113	Hex. Socket Bolt (M5*L15)	8
C-005	18048SW-3115	Spring Washer (@5)	8
C-006	18049SW-3111	Washer (@5)	8
C-007	11006PR-UK01	Spool Plate Base	4
C-008	12012PM-A001	Spool Holder	48
C-009	12052SF-A001	Spool Sponge	48
C-010	12009SC-A001	Spool Post	48
C-011	18049SW-3111	Washer (@5)	48
C-012	18048SW-3115	Spring Washer (@5)	48
C-013	12010SN-1211	Hex.Nut (M5)	48
C-014	12033RB-UK01	Cushion Rubber	1
C-015	12014SC-A001	Spool Stand Bolt	5
C-016	04014SC-4517	Hex.Socket Set Screw(M5*L5)	10
C-017	10600100H000	Thread Angle Frame	5
C-018	03016SC-4113	Hex. Socket Bolt (M5*L15)	5
C-019	12019AD-UK02	Angle "A" L=890 (UK1202)	1
	12019AD-UK12	Angle "A" L=1020 (UK1502)	
	05200304UK24	Angle "A" L=2020 (UK604)	
	11022AD-UK01	Angle "A" L=2020 (UK1204)	
	11022AD-UK14	Angle "A" L=2020 (UK1504)	
	05200102UK00	Angle (A) L=3020 (UK606)	
	05200103UK00	Angle (A) L=3020 (UK906)	
	12019AD-UK06	Angle (A) L=3020 (UK1206)	
	12019AD-UK16	Angle (A) L=3020 (UK1506)	
	05200104UH00	Angle "A" L=2420 (UH1206C)	

Ref.No	Part No.	Part Names	Q'ty
C-019	05200105UH00	Angle "A" L=2420 (UH1506C)	1
	05200104UH08	Angle "A" L=3220 (UH1208)	
	05200105UH80	Angle "A" L=3220 (UH1508)	
C-020	12020AD-UK02	Angle "B" L=890 (UK1202)	1
	12020AD-UK12	Angle "B" L=1020 (UK1502)	
	05200404UK24	Angle "B" L=2020 (UK604)	
	11023AD-UK01	Angle "B" L=2020 (UK1204)	
	11023AD-UK14	Angle "B" L=2020 (UK1504)	
	05200202UK00	Angle (B) L=3020 (UK606)	
	05200203UK00	Angle (B) L=3020 (UK906)	
	12020AD-UK06	Angle (B) L=3020 (UK1206)	
	12020AD-UK16	Angle (B) L=3020 (UK1506)	
	05200204UH00	Angle "B" L=2420 (UH1206C)	
	05200205UH00	Angle "B" L=2420 (UH1506C)	
	05200204UH08	Angle "B" L=3220 (UH1208)	
	05200205UH80	Angle "B" L=3220 (UH1508)	
C-021	05200104UK20	Angle "C" L=890 (UK1202)	1
	05200105UK20	Angle "C" L=1020 (UK1502)	
	05200104UK24	Angle "C" L=2020 (UK604)	
	05200104UK40	Angle "C" L=2020 (UK1204)	
	05200105UK40	Angle "C" L=2020 (UK1504)	
	05200104UK60	Angle "C" (L=3020) (UK606)	
	05200303UK00	Angle "C" (L=3020) (UK906)	
	05200105UK60	Angle "C" (L=3020) (UK1206)	
	05200312UK00	Angle "C" (L=3020) (UK1506)	
	05200314UH00	Angle "C" (L=2420) (UH1206C)	
	05200315UH00	Angle "C" L=2420 (UH1506C)	
	05200304UH08	Angle "C" L=3220 (UH1208)	
	05200305UH80	Angle "C" L=3220 (UH1508)	
C-022	05200214UK20	Angle "D" L=890 (UK1202)	1
	05200215UK20	Angle "D" L=1020 (UK1502)	
	05200214UK24	Angle "D" L=2020 (UK604)	
	05200214UK40	Angle "D" L=2020 (UK1204)	
	05200215UK40	Angle "D" L=2020 (UK1504)	
	05200214UK60	Angle "D" (L=3020) (UK606)	
	05200403UK00	Angle "D" (L=3020) (UK906)	
	05200215UK60	Angle "D" (L=3020) (UK1206)	
	05200412UK00	Angle "D" (L=3020) (UK1506)	
	05200414UH00	Angle "D" (L=2420) (UH1208)	
	05200415UH00	Angle "D" (L=2420) (UH1508)	

C

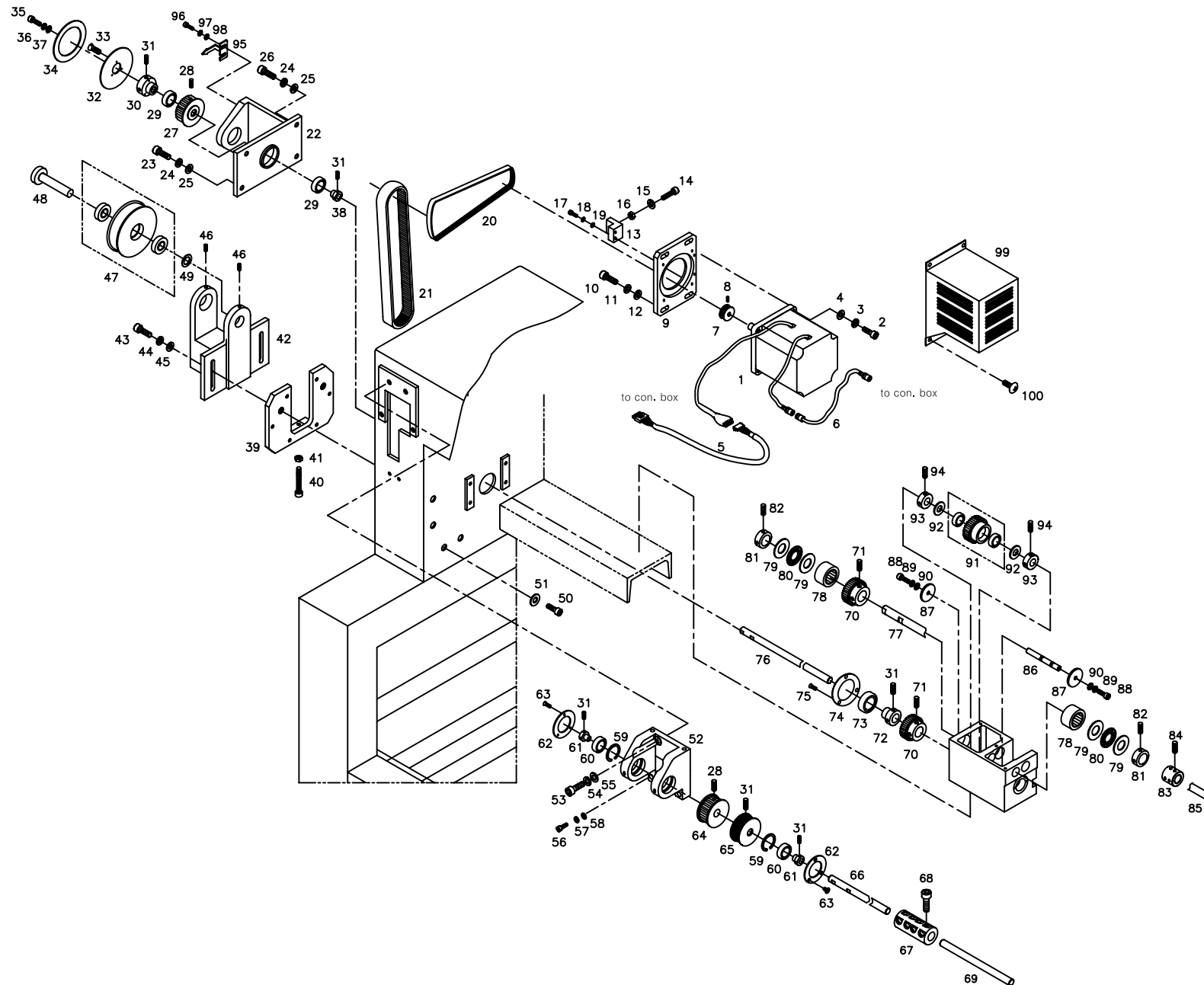
Spool Stand





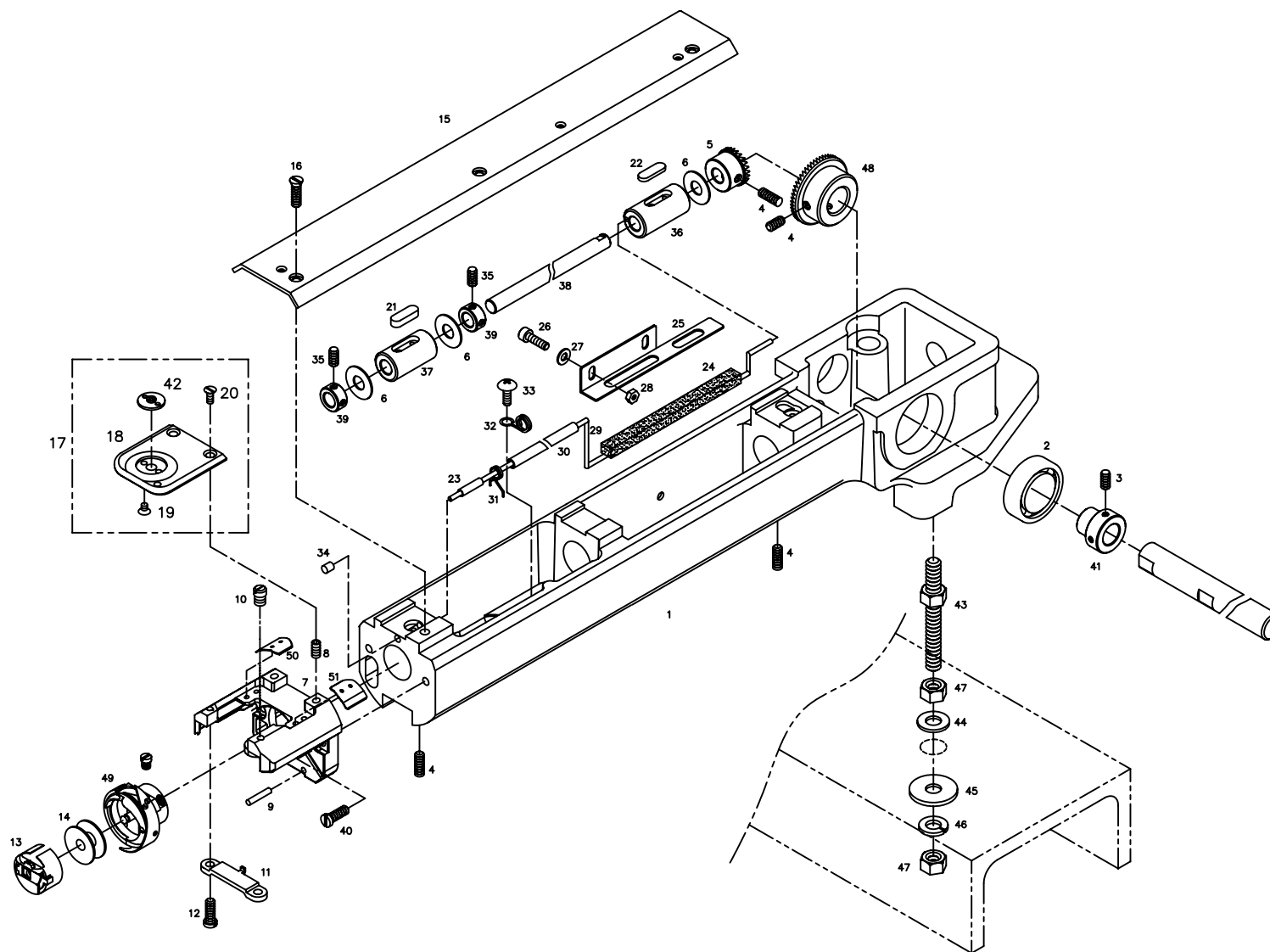
Ref.No	Part No.	Part Names	Q'ty
D-001	SFAM-600-003	Direct Motor	1
D-002	08062SC-7113	HEX. SOCKET BOLT (M5*L20)	4
D-003	18048SW-3115	Spring Washer (5@)	4
D-004	18049SW-3111	Washer (@5)	4
D-005	02106500U040	Sh-65-2	1
D-006	02106400U040	Cable (Sh-64-2)	1
D-007	03010800UH80	MAIN MOTOR PULLEY	1
D-008	04014SC-4517	Hex.Socket Set Screw(M5*L5)	2
D-009	GP-012897-00	Motor Fixing	1
D-010	08091SC-7113	HEX. SOCKET BOLT (M6*L20)	4
D-011	16014SW-4115	Spring Washer (@6)	4
D-012	08057SW-1111	Washer (@6)	4
D-013	03000900U000	Tension Adjusting Block	1
D-014	14063SC-A001	Tension Control Bolt (M6*L40)	1
D-015	08057SW-1111	Washer (@6)	1
D-016	08058SN-1311	Hex. Nut (M6-No3)	1
D-017	08062SC-7113	Hex. Socket Bolt (M5*L20)	2
D-018	18048SW-3115	Spring Washer (5@)	2
D-019	18049SW-3111	Washer (@5)	2
D-020	03100700H000	MAIN DRIVING BELT 290J*10R	1
D-021	03000200U000	Timing Belt (25-S5M*L1025)	1
D-022	03012100U000	Low Shaft Support Bracket	1
D-023	08091SC-7113	Hex. Socket Bolt (M6*L20)	2
D-024	16014SW-4115	Spring Washer (@6)	4
D-025	08057SW-1111	Washer (@6)	4
D-026	06025MC-7113	HEX.SOCKET BOLT(M6*L25)	2
D-027	03000130U000	Pulley (Tubular)	1
D-028	14061AF-4517	Hex.Socket Screw(M8*L8)	8
D-029	01029BR-A001	Ball Bearing (6004Zz)	2
D-030	13107CW-UK01	Collar	1
D-031	14060AF-4517	Hex.Socket Screw(M6*L6)	12
D-032	13053PR-UK01	Angle Plate Base	1
D-033	13061SC-8119	Plus Screw(M3*L10)	
D-034	13054ET-UK01	Angle Disk	1
D-035	14006SC-7113	Hex.Socket Set Screw(M8*L15)	1
D-036	15095SW-3115	Spring Washer (@8)	1
D-037	04029SW-A001	STUD BOLT WASHER(S) (@8)	1
D-038	14058CW-A001	Collar "A"	1
D-039	13123CW-E121	Idelr Plate	1
D-040	14063SC-A001	Tension Control Bolt (M6*L40)	2

Ref. No	Part No.	Part Names	Q'ty
D-041	13042SN-1111	Hex.Nut (M6*T5-R)	2
D-042	13118CS-UK01	Idler Support Bracket	1
D-043	14027SC-4113	Hex.Socket Bolt (M8*L30)	2
D-044	15095SW-3115	Spring Washer (@8)	2
D-045	08041SW-1111	Washer (@8-S)	2
D-046	14060AF-4517	HEX.SOCKET SCREW(M6*L6)	2
D-047	03000300U000	Idler	1
	13026BR-T121	Needle Bearing (6002Z)	2
D-048	13120CW-UK01	IDLER SHAFT	1
D-049	13106PR-UK01	Idler Spacer	1
D-050	16059SC-7113	Hex.Socket Bolt (M6*L12)	2
D-051	08057SW-1111	Washer (@6)	8
D-052	03101300UH80	UPPER SHAFT SUPPORT BRACKET	1
D-053	08087SC-7113	HEX. SOCKET BOLT (M8*L25)	2
D-054	15095SW-3115	SPRING WASHER (@8)	2
D-055	08041SW-1111	WASHER (@8-S)	2
D-056	14046SC-7113	HEX.SOCKET BOLT (M6*L30)	2
D-057	03026SW-9115	Spring Washer (@6)	2
D-058	08057SW-1111	WASHER (@6)	2
D-059	03010SR-4013	C-Ring (@47)	2
D-060	01001100H000	Ball Bearing (6005Zz)	2
D-061	03005210H000	Collar "A"	2
D-062	03101400U000	Upper Shaft Support Cover	2
D-063	22006SC-7113	HEX. SOCKET BOLT (M3*L8)	6
D-064	03000120U000	Pulley (Tubular)	1
D-065	03010800UH00	TOP SHAFT PULLEY	1
D-066	03000100UK20	Top Shaft (L1298) (UK1202)	1
	03000100UK40	Top Shaft (L2298) (UK1204)	
	03000100UK60	Top Shaft "A" (@20, L1505.5) (UK1206)	
	01000210UH60	Top Shaft L2698 (UH1506C)	
	01000210UH80	Top Shaft A L=2076 (UH1508)	
D-067	03006720HDK0	Coupling @20 (UK1206)(UH1508)	1
D-068	08091SC-7113	Hex. Socket Bolt (M6*L20) (UK1206)(UH1508)	4
D-069	03000200UK60	Top Shaft "B" (@20, L1800) (UK1206)	1
	01000220UH80	TOP SHAFT B L=1479 (UH1508)	
D-070	13032GA-UK06	Index Shaft Gear Uk06	2
D-071	04012AF-A001	Hook Shaft Bush Screw	11
D-072	01102000B000	Bearing Bushing	1
D-073	04026BR-A001	Ball Bearing 6003Z	1
D-074	04039PR-A001	Bearing Cover	1



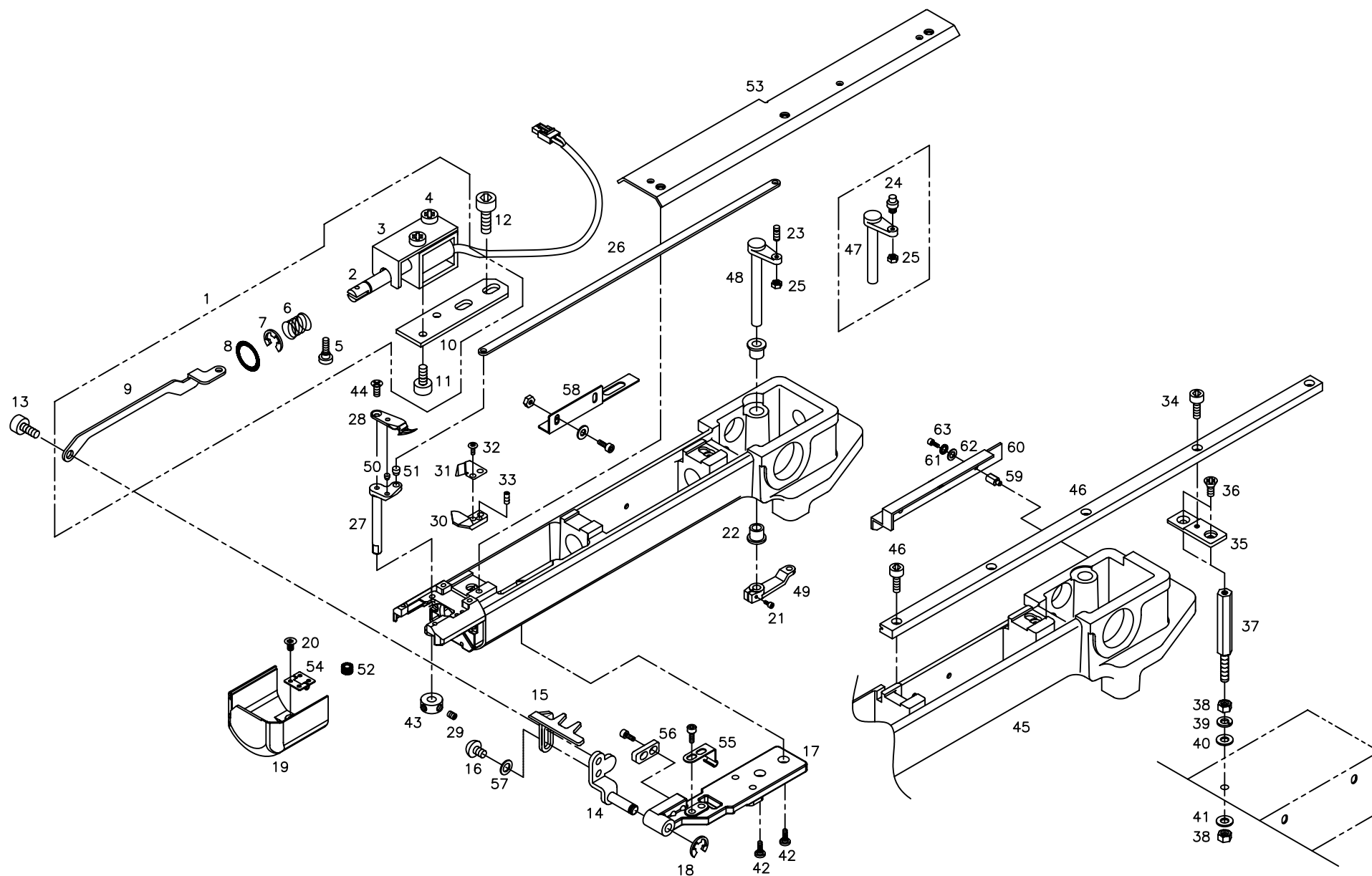
E

Bed I



F

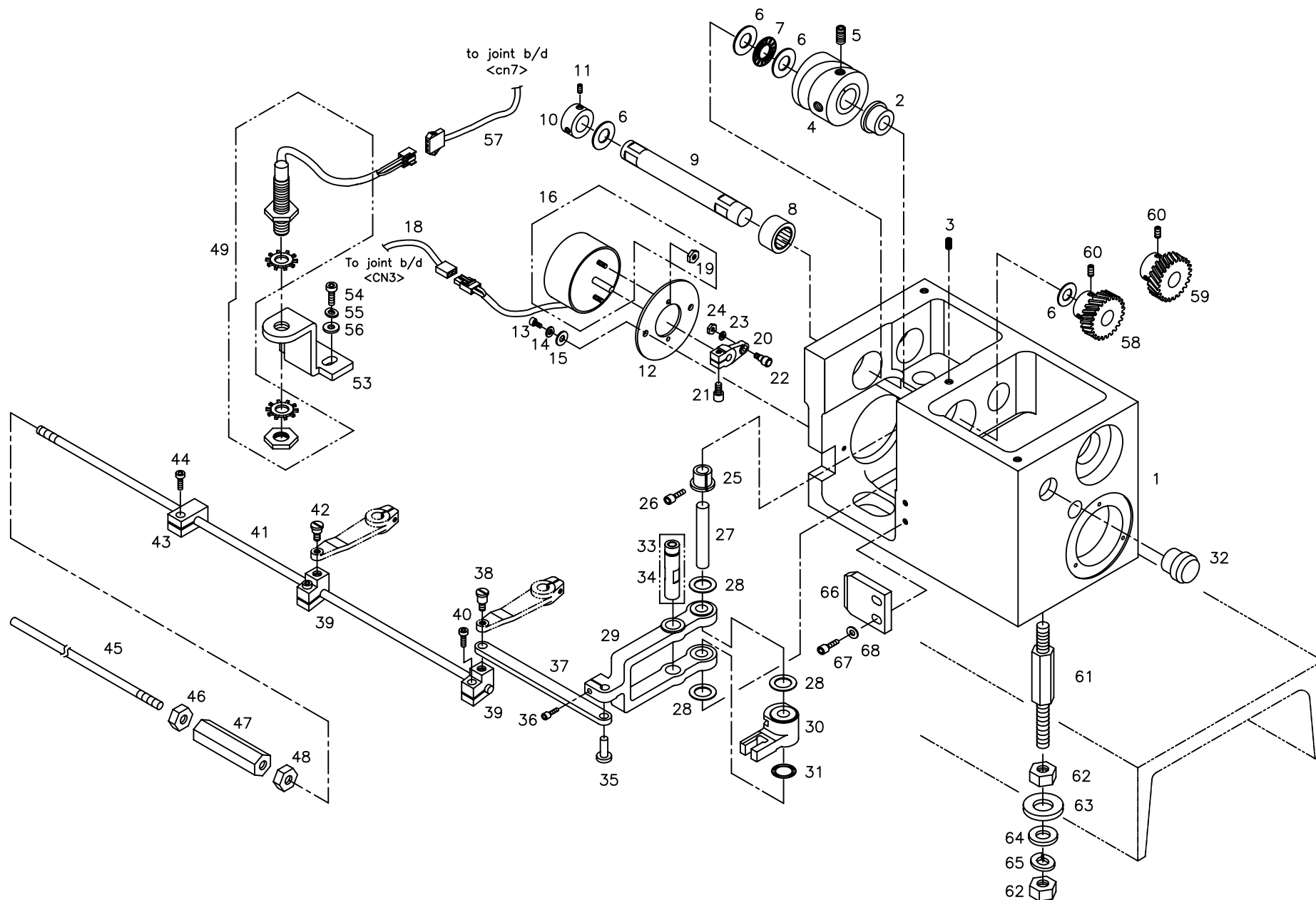
Bed II



G

Thread Cutting Drive System

SWF®

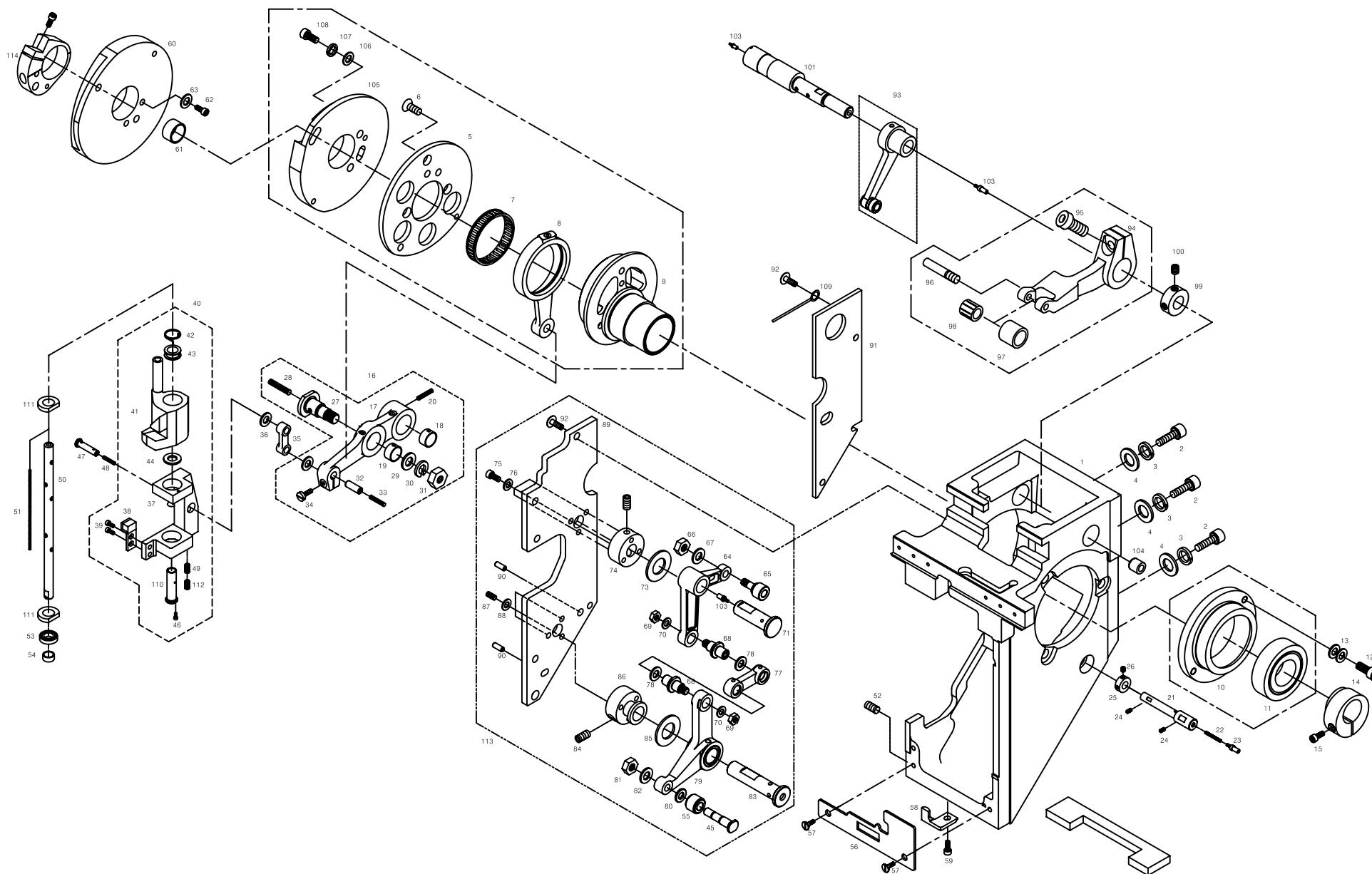


Ref.No	Part No.	Part Names	Q'ty
G-001	GP-011445-00	Mes Cam Driving Box	1
G-002	08042MP-UK01	Mes Cam Shaft Bush	1
G-003	04014SC-4517	Hex. Socket Set Screw(M4*L5)	1
G-004	07034CM-UK01	Mes Cam	1
G-005	14005SC-4517	HEX.SOCKET SET SCREW (M8*L8)	2
G-006	08028BR-A001	Thrust Washer (As 1528)	4
G-007	08027BR-A001	Thrust Bearing (Ntb 1528)	1
G-008	04027BR-A001	Needle Bearing (Hmk1515)	1
G-009	07038CW-UK01	Mes Cam Shaft	1
G-010	03704900A000	Cam Shaft Collar	1
G-011	04016AF-A001	Cam Collar Screw	2
G-012	07015PR-UK01	Solenoid Plate	1
G-013	02031SC-7113	Hex. Socket Screw(M5*L10)	2
G-014	18048SW-3115	Spring Washer (5@)	2
G-015	18049SW-3111	Washer (@5)	2
G-016	08068EL-UK01	Thread Trimming Solenoid Ass'	1
G-018	25026EL-UK02	Cable (25-26) 2Head (UK1202)	1
	25027EL-UK01	Sol. Connecting Cable (4Ht-27) (UK1204)(UH1506C)	
	25023EL-UK06	Cable (25-23) (UK1206)	
	02102600UH80	CABLE (SH-26-4) (UH1508)	
G-019	11014SN-1211	Hex.Nut (M3-No2)	2
G-020	07017CL-UK01	Solenoid Crank	1
G-021	03071SC-7113	Hex. Socket Bolt (M3*L10)	1
G-022	08048AF-T121	Solenoid Crank Roller	1
G-023	18014SW-3115	Spring Washer (@4-No2)	1
G-024	08050SN-T121	Hex. Nut	1
G-025	08203000A000	Take-Up Lever Shaft Bush(L)	1
G-026	02014SC-7113	Hex. Socket Bolt (M4*L5)	1
G-027	07025CW-UK01	Lever Shaft (@8*L70)	1
G-028	07024BR-UK01	Fiber Washer(R-Tw0805)	3
G-029	07028CL-UK01	Mes Driving Lever	1
G-030	07029CL-UK01	Mes Driving Crank	1
G-031	08022RB-T121	O-Ring (@10)	1
G-032	08071RB-UK01	Thread Driver Box Ruber	1
G-033	07030AF-UK01	Roller	1
G-034	07026CW-UK01	Roller Shaft	1
G-035	08034CW-UK01	Lever Connecting Pin	1
G-036	04010MC-7113	Hex.Socket Bolt (M4*L10)	1
G-037	03000700TH00	Thread Lever Connect Link	1
G-038	08016CW-UK01	Link Stud Bolt	1

Ref. No	Part No.	Part Names	Q'ty
G-039	08023CL-UK01	Mes Shaft Cramp	4
G-040	02015SC-7113	Hex.Socket Bolt(M4*L10)	4
G-041	23004SH-UK02	Mes Driving Shaft @6,L520 (UK1202)	1
	23004SH-UK01	Mes Driving Shaft (UK1204)	
	23006SH-UK06	Mes Driving Shaft "A" L=1255 (UK1206)	
	02000300UH60	MES DRIVING SHAFT L2020 (UH1506C)	
	02000300UH80	Mes Driving Shaft "A" L1443 (UH1508)	
G-042	08019CW-UK01	Clamp Stud Bolt	3
G-043	08023CW-A001	Mes Shaft Cramp	1
G-044	02015SC-7113	Hex.Socket Bolt(M4*L10)	1
G-045	23007SH-UK06	Mes Driving Shaft "B" L=1255 (UK1206)	1
	02000400UH80	MES DRIVING SHAFT "B" L1377 (UH1508)	
G-046	17051SN-A001	Mes Priving Shaft Joint	1
G-047	13042SN-1111	Hex.Nut (M6*T5-R)	1
G-048	17053SN-1111	Hex. Nut (L) (M6*T5-L)	1
G-049	08102EL-A001	Zero Point Sensor Ass'Y	1
G-053	08070PR-UK01	Sensor Bracket	1
G-054	02031SC-7113	Hex. Socket Screw(M5*L10)	2
G-055	18048SW-3115	Spring Washer (5@)	2
G-056	18049SW-3111	Washer (@5)	2
G-057	25039EL-UK02	Cable (25-39) 2Head (UK1202)	1
	25043EL-UK01	Sensor To Joint Con.(4Ht-43) (UK1204)(UH1506C)	
	25039EL-UK06	Cable (25-39) (UK1206)	
	02104400UH80	CABLE (SH-44-5) (UH1508)	
G-058	07041GA-UK01	Gear "A"	1
G-059	07043GA-UK01	Gear "B"	1
G-060	04012AF-A001	Hook Shaft Bush Screw	4
G-061	08025CW-UK01	Box Stud Bolt	3
G-062	04032SN-A001	Hex. Nut (M8-No2)	6
G-063	04030SW-A001	Stud Bolt Washer(L) (@8)	3
G-064	04029SW-A001	Stud Bolt Washer(S) (@8)	3
G-065	15095SW-3115	Spring Washer (@8)	3
G-066	08021PM-UK01	Lever Stopper	1
G-067	02015SC-7113	Hex.Socket Bolt(M4*L10)	2
G-068	18015SW-3111	Washer (4@)	2

H1

Arm I

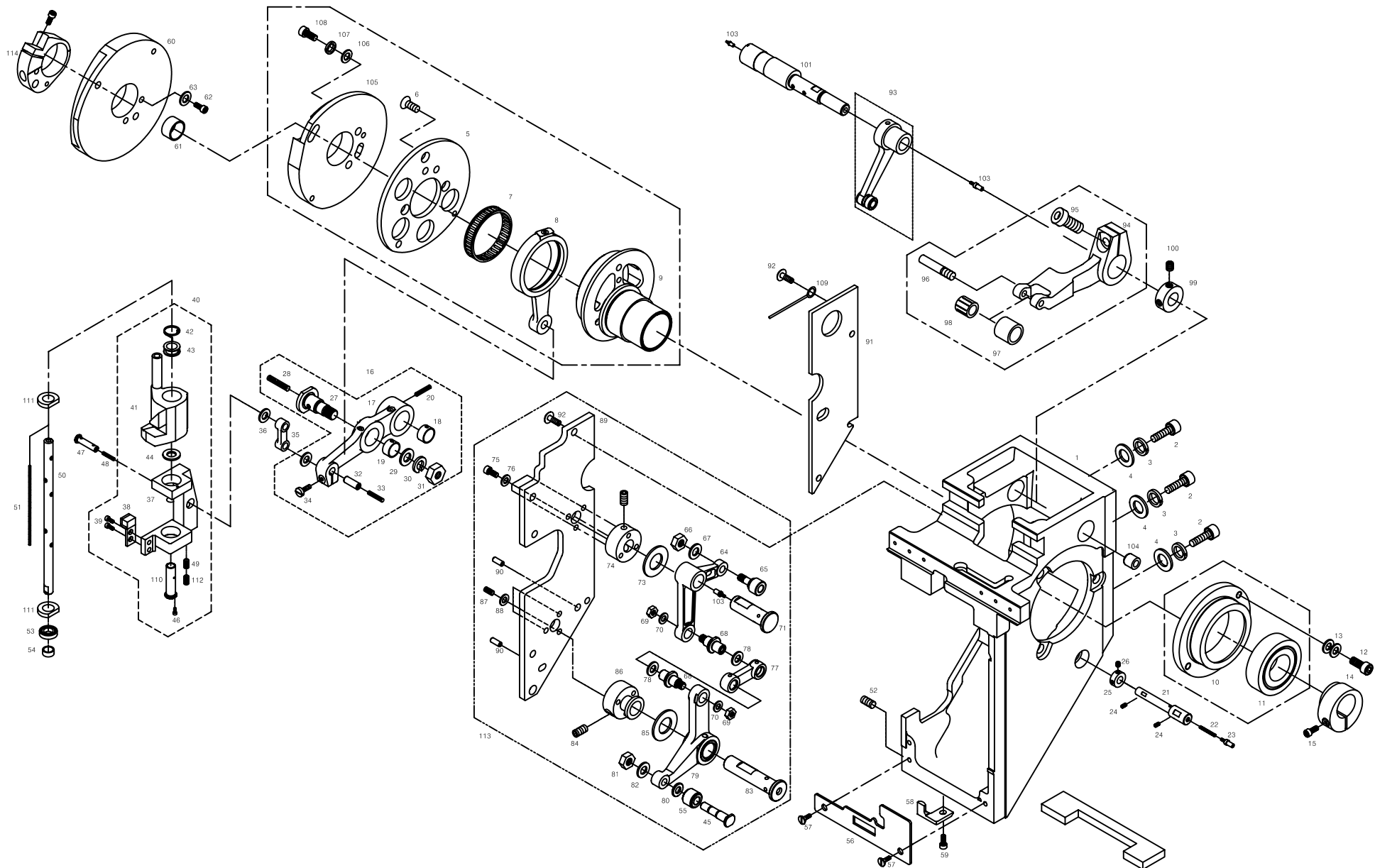


Ref.No	Part No.	Part Name	Q'ty
H1001	GP-011943-00	ARM	4
H1002	03003SC-4113	Hex. Socket Bolt	12
H1003	15095SW-3115	Spring Washer (@8)	12
H1004	04029SW-A001	Stud Bolt Washer(S) (@8)	12
H1005	GP-011938-00	CAM BASE	4
H1006	03007SC-A001	Cam Base Screw	12
H1007	03302900H000	NEEDLE CASE (KT-42469)	4
H1008	03303000H000	Connecting Rod	4
H1009	GP-011932-00	NEEDLE BAR DRIVING CAM	4
H1010	03303100H000	Bearing Case A @20	4
H1011	01001100H000	Ball Bearing (6005Zz)	4
H1012	02031SC-7113	Hex. Socket Screw(M5*L10)	4
H1013	02030SW-B001	Washer (5@)	24
H1014	03000110H000	Cam Tightening Collar (@20)	4
H1015	03016SC-4113	Hex. Socket Bolt (M5*L15)	4
H1016	03313200I000	NEEDLE BAR DRIVE LEVER(SET)	4
H1017	03000200A000	NEEDLE BAR DRIVE LEVER	4
H1018	03307200A000	Needle Driving Lever Bushing	4
H1019	03307300A000	Needle Driving Lever Bushing	4
H1020	32003ET-T121	Wick	4
H1021	03301800U000	NEEDLE BAR DRIVE PIN	4
H1022	32003ET-T121	Wick	4
H1023	01301600H000	Hook Oil Supply Nipple	8
H1024	03020SC-A001	Drive Pin Screw 11/64,N40,L8	4
H1025	01101300A000	Hook Shaft Collar	8
H1026	04012AF-A001	Hook Shaft Bush Screw	4
H1027	03023SC-A001	Connecting Rod Stud	4
H1028	32003ET-T121	Wick	4
H1029	03025SW-1211	Washer (@6)	4
H1030	03026SW-9115	Spring Washer (@6)	4
H1031	03027SN-A001	Stud Nut	4
H1032	03303300H000	Lever Pin	4
H1033	32003ET-T121	Wick	4
H1034	02015SC-7113	Screw(M4*L10)	4
H1035	03003200A000	Needle Bar Drive Rink	4
H1036	03034SW-A001	Reciprocator Washer	4
H1037	03600100I000	Needle Bar Driving Shaft Driver	4
H1038	03047PM-CT01	Stopper-A'ssy	4
H1039	26006MC-8118	Stopper Screw (M2.6*L6)	8
H1040	AS-003447-00	Needle Bar Reciprocator A'ssy	4

Ref. No	Part No.	Part Name	Q'ty
H1041	03600200I000	Needle Bar Reciprocator	4
H1042	03045SP-B001	Jump Spring	4
H1043	03046CW-B001	Jump Spring Guide	4
H1044	03048SW-A001	Reciprocator Washer	4
H1045	PN-000185-00	Presser Foot Stopper Roller Hinge Pin	4
H1046	09005SC-3123	Truss Screw (M3*L6)	4
H1047	03033CW-A001	Driver Pin	4
H1048	32003ET-T121	Wick	4
H1049	03020SC-A001	Drive Pin Screw 11/64,N40,L8	4
H1050	GP-013117-00	Needle Bar Driving Shaft	4
H1051	32003ET-T121	Wick	4
H1052	03020SC-A001	Drive Pin Screw 11/64,N40,L8	4
H1053	03008000H000	Ball Bearing 6800	4
H1054	03008100K000	Needle Bar Drive Bearing Bush	4
H1055	GP-011031-00	Presser Foot Stopper Roller	4
H1056	03302600I000	Arm Bearing Guide Plate	4
H1057	05062SC-A001	Bolt (9/64" n=40)	8
H1058	03056CL-B001	Head Rail Holder	4
H1059	03057SC-A001	Head Rail Holder Screw	4
H1060	GP-014781-00	PRESSER FOOT DRIVING CAM	4
H1061	GP-014939-00	Cam Spacer	4
H1062		Screw	12
H1063		Washer	12
H1064	GP-014782-00	PRESSER FOOT DRIVING LEVER A SET	4
H1065	AS-000392-00	Presser Foot Driving Roller Hinge Pin Assy'	4
H1066	15029SN-3211	Nut (@4)	4
H1067	18015SW-3111	Washer (@4)	4
H1068	03800300I000	Presser Foot Driving Lever Pin (C)	4
H1069	03031SN-A001	Nut (11/64" n=40)	4
H1070	18048SW-3115	Washer	4
H1071	03800400I000	PRESSER FOOT DRIVING LEVER PIN A	4
H1072	14060AF-4517	Hex. Socket Bolt (M6*L6)	4
H1073	16014SW-4115	Washer	4
H1074	03800500I000	Presser Foot Driving Lever Bracket (A)	4
H1075	03071SC-7113	HEX. SOCKET BOLT (M3*L10)	12
H1076	11019SW-9115	Washer (@3)	12
H1077	03800600I000	Presser Foot Drving Lever Connecting Link	4
H1078	03034SW-A001	Washer	8
H1079	AS-002051-01	PRESSER FOOT DRIVING LEVER B SET	4
H1080	WS-000108-00	Presser Foot Stopper Roller Washer	4

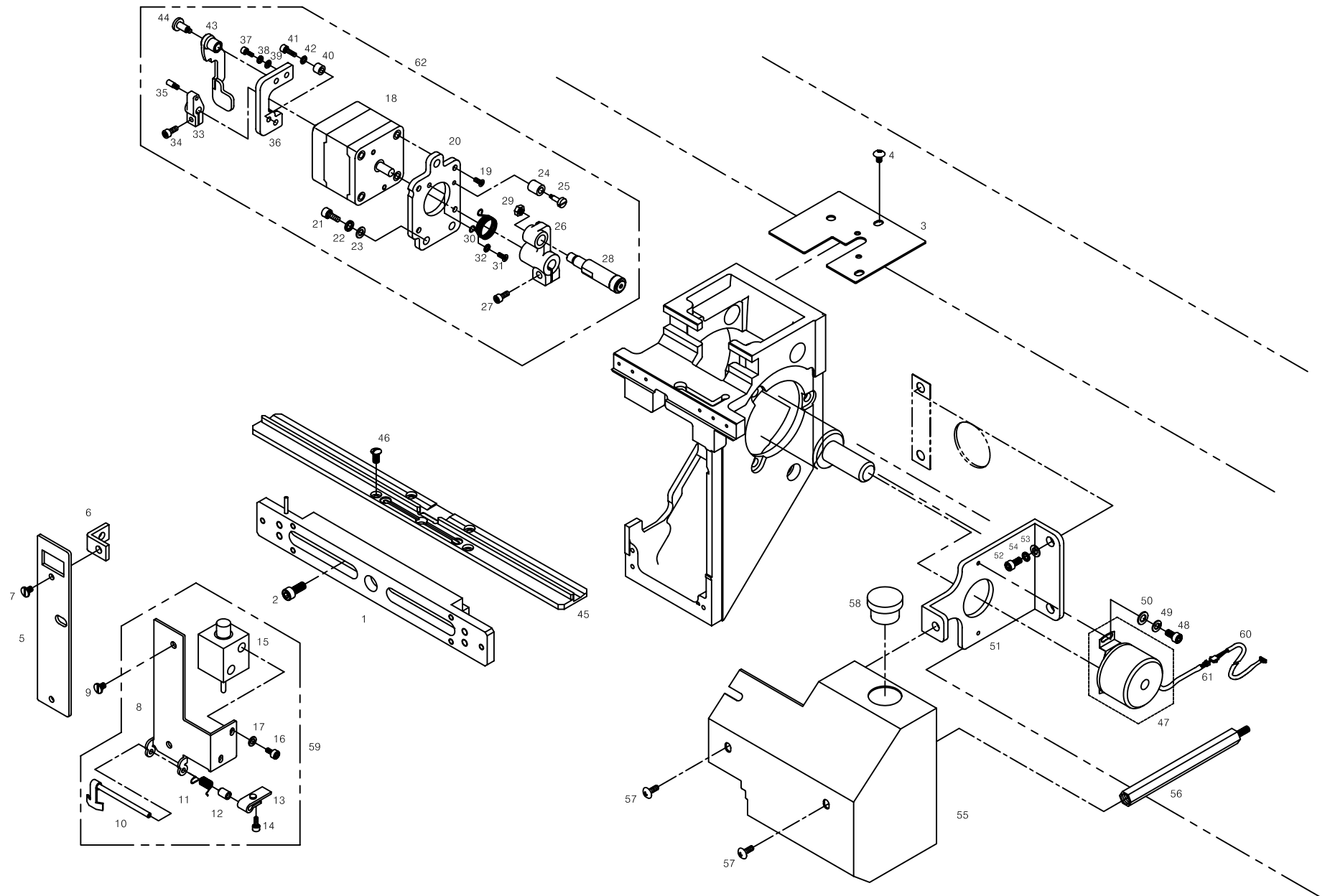
H1

Arm I



H2

Arm II

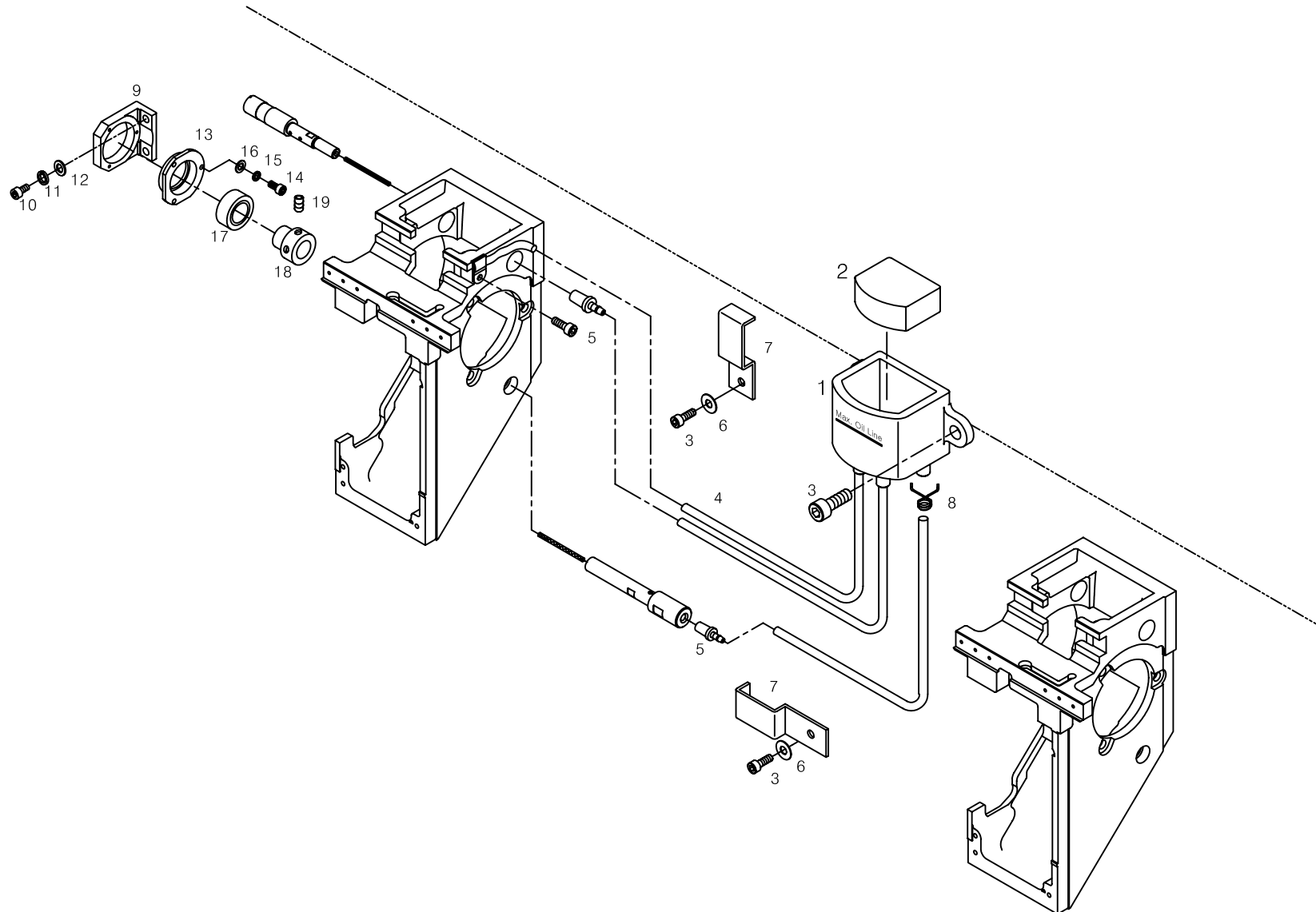


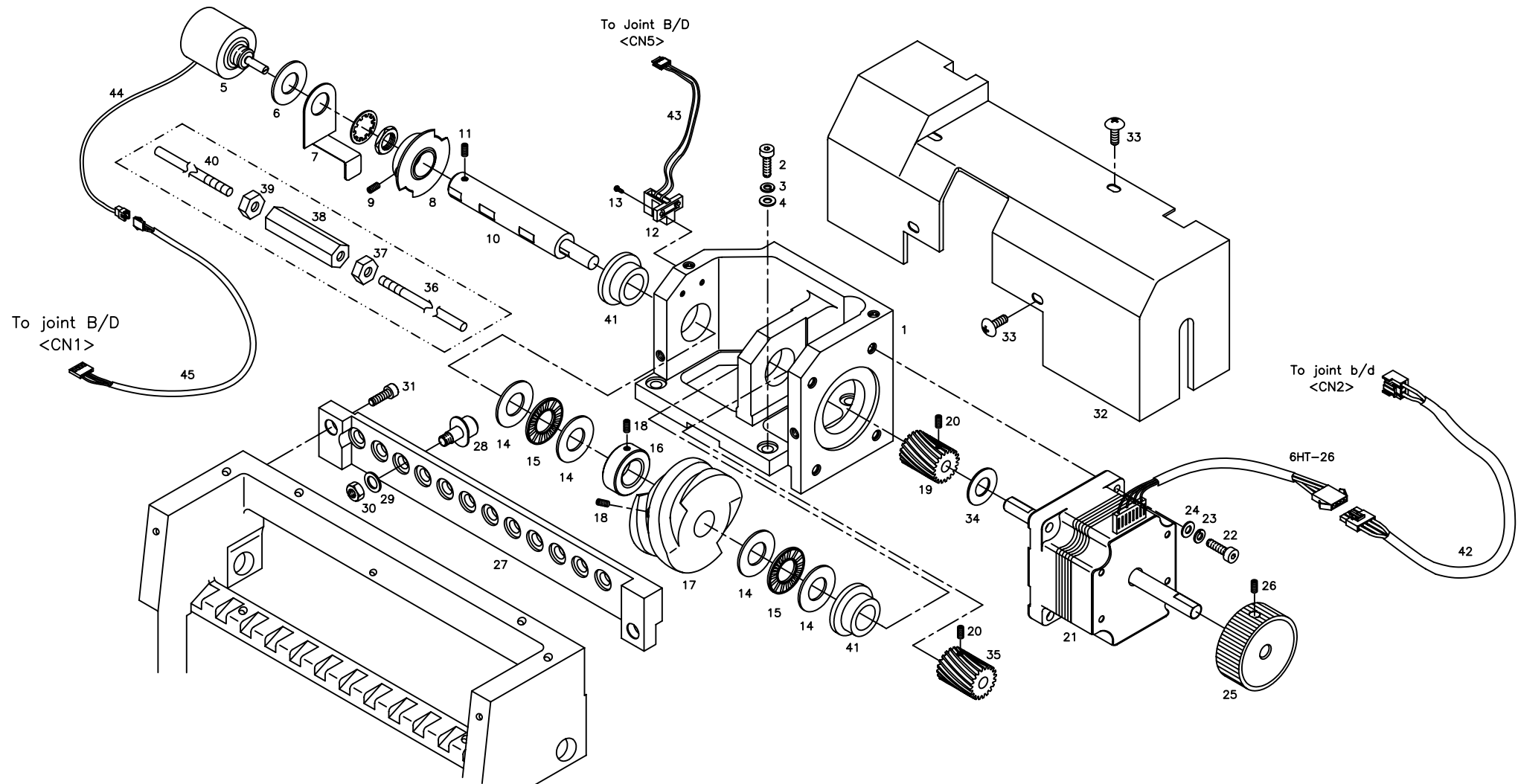
Ref.No	Part No.	PartNames	Q'ty
H2001	03070LM-BE00	Lm Guide Block Set (6C)	4
	03069LM-B002	Lm Guide Block Set (9C)	
	03068LM-BB00	Lm Guide Block Set (12C)	
	03068LM-H003	Lm Guide Block Set (15C)	
H2002	03071SC-A001	Hex.Socket Bolt (M3*L15)	4
H2003	03302500I000	Arm Top Cover	4
H2004	18033SC-3123	Truss Screw (M5*L6)	4
H2005	GP-009456-00	Arm Guard Plate(L)	4
H2006	03008300I000	Arm Guard Plate(L) Bracket	8
H2007	02009SC-A001	Side Cover Screw	4
H2008	03303800I000	Arm Guard Plate(R)	4
H2009	03065SC-A001	Guard Plate Screw	4
H2010	03304100I000	Thread Holding Lever Ass'y	4
H2011	03304200I000	Lever Spring	4
H2012	03304300I000	Lever Spring Bush.	4
H2013	03304400I000	Thread Holding Push Plate	4
H2014	07035SC-7113	Hex.Socket Bolt (M3*L6)	4
H2015	10009EL-A002	UPPER THREAD CATCHER SOL.	4
H2016	05007SC-7113	Hex.Socket Bolt (M3*L5)	8
H2017	06011SW-2111	Washer (@3)	8
H2018	03410200H000	Jump Motor	4
H2019	02002SC-7119	Pluss Screw (M4*L8)	16
H2020	03410100I000	Jump Motor Base	4
H2021	07016SC-7113	Hex.Socket Bolt (M4*L10)	8
H2022	18014SW-3115	Spring Washer (@4)	8
H2023	06003SW-2111	Washer (@4)	8
H2024	03410300H000	Jump Crank Stopper	8
H2025	03411400H000	Stud for Jump Crank Stopper	4
H2026	03410400I000	Jump Driving Crank	4
H2027	02023SC-7113	Hex. Socket Bolt (M4*L8)	4
H2028	03411810I000	Jump Crank Roller Ass'y	4
H2029	03031SN-A001	Pin, Nut (11/64-N=40)	4
H2030	03410800I000	Jump Retrun Spring	4
H2031	08006SC-8118	Plus Screw (M3*L5)	4
H2032	06011SW-2111	Washer (@3)	4
H2033	03410900H000	Jump Driving Clutch	4
H2034	02023SC-7113	Hex. Socket Bolt (M4*L8)	4
H2035	03411000H000	Jump Clutch Pin	4
H2036	03411100I000	Jump Clutch Base	4
H2037	22006SC-7113	Hex.Socket Bolt (M3*L8)	4

Ref. No	Part No.	Part Names	Q'ty
H2038	11019SW-9115	Spring Washer (3@)	4
H2039	06011SW-2111	Washer (@3)	4
H2040	03304900H000	Jump Clutch Lever Stopper	4
H2041	04010MC-7113	Hex.Socket Bolt (M4*L10)	4
H2042	06011SW-2111	Washer (@3)	4
H2043	03411200I000	Jump Driving Clutch Lever	4
H2044	03411300H000	Stud for Jump Clutch Lever	4
H2045	07027AD-AE00	TAKE-UP GUIDE RAIL (6C)	4
	07026AD-A002	Take-Up Guide Rail L=250 (9C)	4
	03300604U000	Take-Up Guide Rail L=329 (12C)	4
	01300105U000	Take-Up Guide Rail (L) (15C)	1
	01300205U000	Take-Up Guide Rail (M) (15C)	2
	01400105U000	Take-Up Guide Rail (R) (15C)	1
H2046	05041SC-A001	Guide Rail Serew	16
H2047	03013EL-T121	Encoder Set	1
H2048	07035SC-7113	Bracket Screw (M3*L6)	2
H2049	08011SW-1111	Spring Washer (@3-S)	2
H2050	06011SW-2111	Washer (@3)	2
H2051	GP-008536-00	Encoder Base	1
H2052	08076SC-7113	Hex. Socket Bolt (M5*L12)	4
H2053	16018SW-1111	Washer (@5)	2
H2054	18048SW-3115	Spring Washer (@5)	2
H2055	02003500UK40	Oil Tank Cover (4 Head) (UK1202)	1
	02003500UK40	Oil Tank Cover (4 Head) (UK1204)	
	02003500UK60	Oil Tank Cover (6 Head) (UK1206)	
	02003500UK60	Oil Tank Cover (6 Head) (UH1506C)	
	02003500UK60	Oil Tank Cover (6 Head) (UH1508)	
H2056	18036CW-UK06	Oil Tank Cover Support	1
H2057	05008MC-9123	TRUSS SCREW(M5*L8) SUS	2
H2058	01303800U000	Cover Rubber Cap	1
H2059	AS-000858-00	UPPER THREAD HOLDING SET	4
H2060	25033EL-UK01	ENCODER CABLE(4HT-33) (UK1202)(UK1204)(UH1506C)	1
	25029EL-UK06	ENCODER CABLE(25-29) (UK1206)(UH1508)	
H2061	25103ET-B001	Encoder Conector	1
H2062	AS-000861-00	Jump Set	4

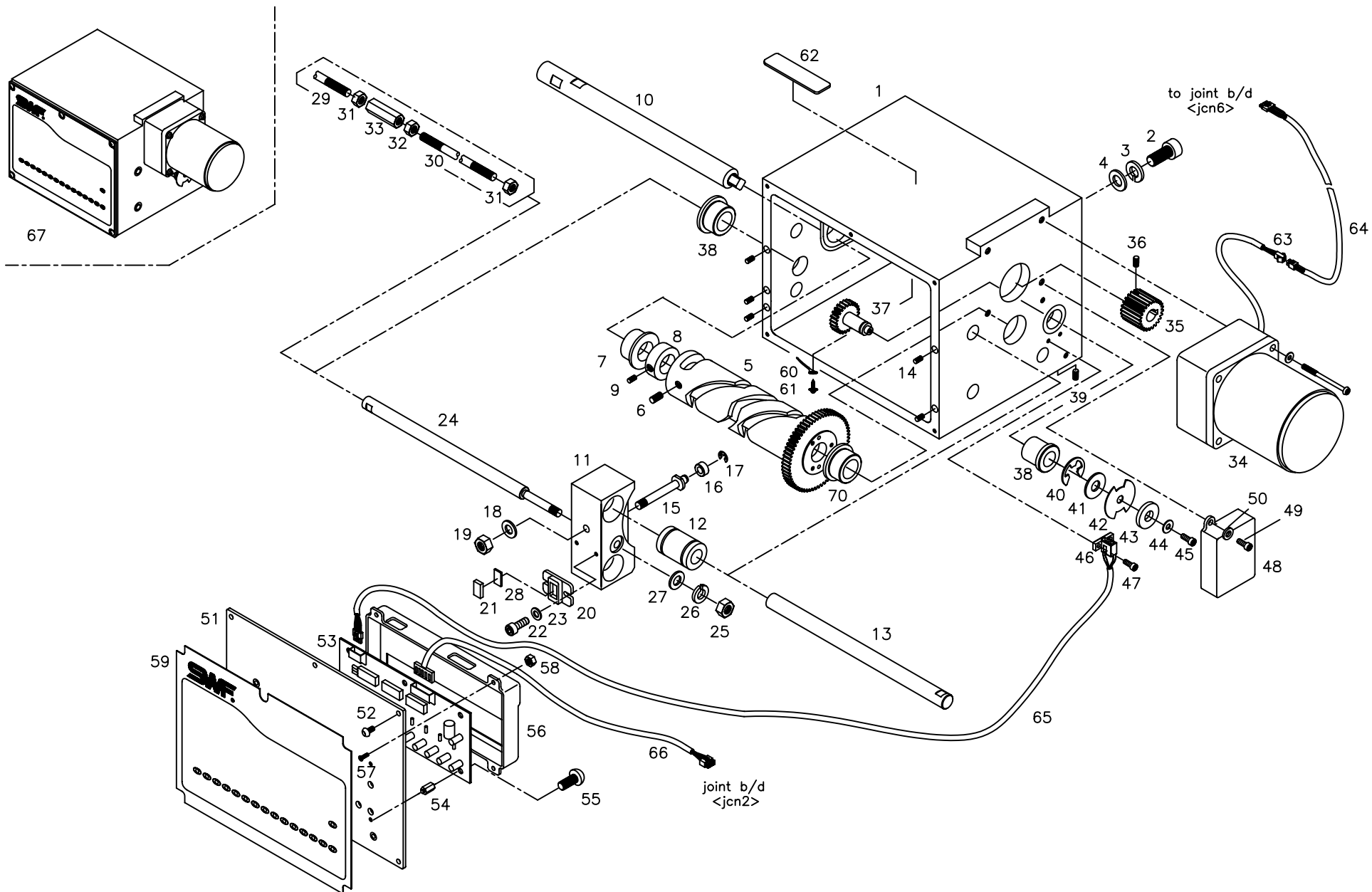
H3

Arm III





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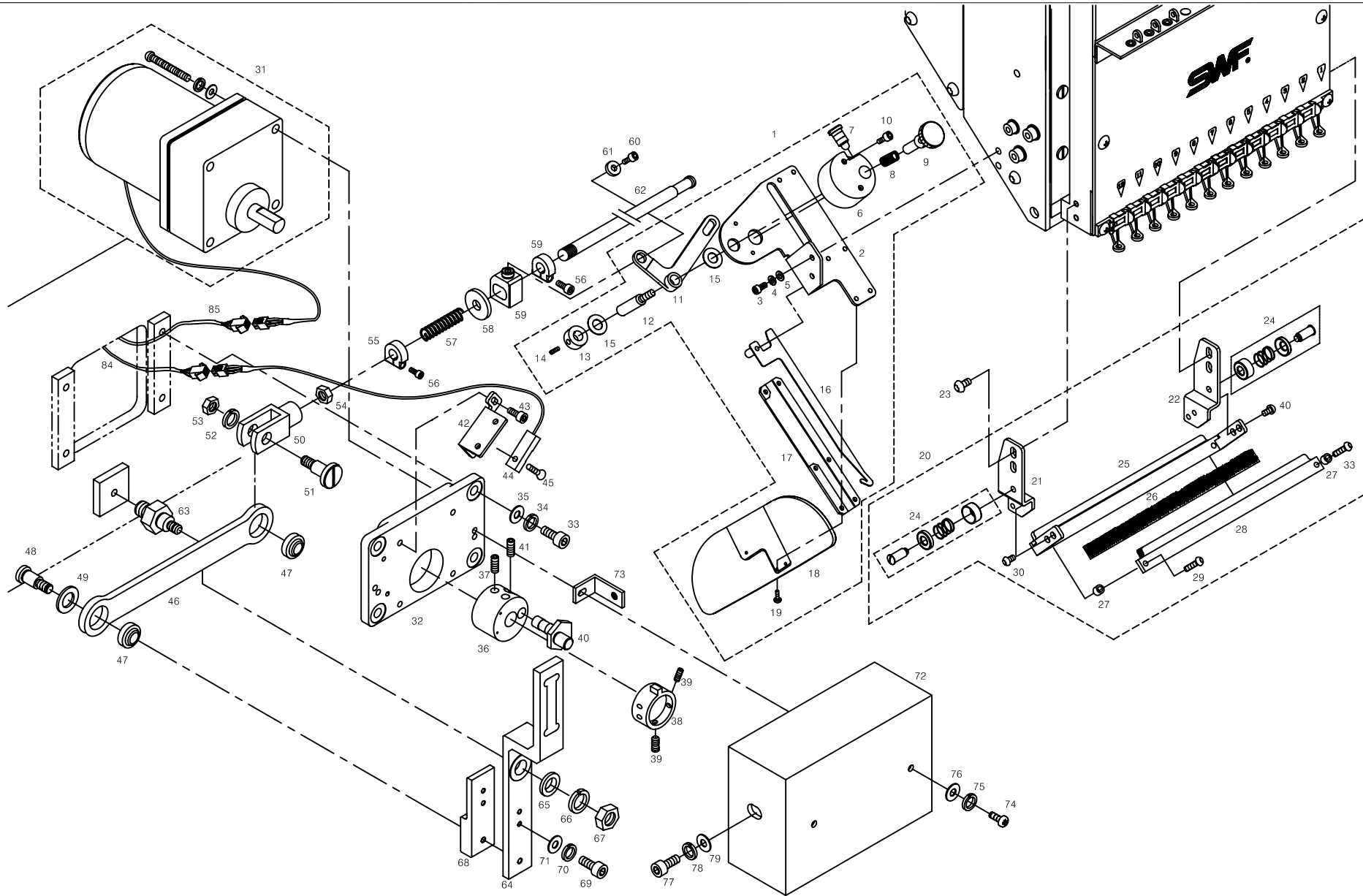
Ref.No	Part No.	Part Names	Q'ty
I2001	GP-017008-00	COLOR CHANGE BOX (12C)	1
	GP-017009-00	COLOR CHANGE BOX (15C)	
I2002	03003SC-4113	HEX. SOCKET BOLT "B"(M8*L35)	4
I2003	15095SW-3115	SPRING WASHER (@8)	4
I2004	04029SW-A001	STUD BOLT WASHER(S) (@8)	4
I2005	08110005B000	COLOR CHANGE CAM ASS'Y (15C)	1
I2006	08037AF-4517	HEX. SOCKET SET SCREW M6*L10	2
I2007	08101100B000	CAM BUSHING	2
I2008	13012CW-A001	CAM COLLAR	1
I2009	04016AF-A001	CAM COLLAR SCREW	2
I2010	13009SF-AB00	CAM SHAFT (12C)	1
	08100305B000	CAM SHAFT (15C)	
I2011	13034AD-A001	COLOR CHANGE BLOCK	1
I2012	13035BR-A001	GUIDE BUSHING	2
I2013	13031SH-AB00	GUIDE SHAFT (12C)	2
	08100405B000	GUIDE SHAFT (15C)	
I2014	03020SC-A001	DRIVE PIN SCREW 11/64,N40,L8	5
I2015	13040CW-A001	ROLLER SHAFT	1
I2016	13043CW-A001	ROLLER	1
I2017	13044SR-4013	E-RING (@4)	1
I2018	08057SW-1111	WASHER (@6)	1
I2019	13042SN-1111	HEX.NUT (M6*T5-R)	1
I2020	13036PR-A001	MAGNET HOLDER	1
I2021	10-027C-SC53	MAGNET	1
I2022	22006SC-7113	HEX. SOCKET BOLT (M3*L8)	2
I2023	06011SW-2111	WASHER (@3)	2
I2024	17054SH-AB00	COLOR CHANGE SHAFT "A" (12C)	1
	08000205B000	COLOR CHANGE SHAFT "A" (15C)	
I2025	13042SN-1111	HEX.NUT (M6*T5-R)	1
I2026	03026SW-9115	SPRING WASHER (@6)	1
I2027	03025SW-1211	WASHER (@6)	1
I2028	08106200B000	MAGNET HOLDER SPACER	1
I2029	06000205UH80	COLOR CHANGE SHAFT C L=1535.5	1
I2030	06000105UH80	COLOR CHANGE SHAFT B L=1555	1
I2031	13042SN-1111	HEX.NUT (M6*T5-R)	3
I2032	17053SN-1111	HEX. NUT(L) (M6*T5-L)	2
I2033	17051SN-A001	MES PRIVING SHAFT JOINT	2
I2034	EP-000160-00	COLOR CHANGE MOTOR UNIT	1
I2035	13029GA-A001	MOTOR GEAR	1
I2036	13030SC-4517	HEX. SOCKET SET SCREW (M4*L8)	1

Ref. No	Part No.	Part Names	Q'ty
I2037	13014GA-A001	HALF TURN GEAR	1
I2038	08101500B000	HALF TURN BUSHING	2
I2039	03020SC-A001	DRIVE PIN SCREW 11/64,N40,L8	1
I2040	08044SR-4013	E-RING (@8)	1
I2041	13018PR-A001	HALF TURN FILM WASHER (T2.3)	1
I2042	08101700B000	HALF TURN FLIM	1
I2043	13019PR-A001	HALF TURM FILM WASHER (T1.0)	1
I2044	06011SW-2111	WASHER (@3)	1
I2045	02023SC-7113	HEX. SOCKET BOLT (M4*L8)	1
I2046	08102300B000	HALF TURN SENSOR (GP1S51V)	1
I2047	15163SC-3123	TRUSS SCREW (M3*L12)	2
I2048	13025PM-A001	SENSOR COVER	1
I2049	02015SC-7113	HEX.SOCKET BOLT(M4*L10)	2
I2050	18015SW-3111	WASHER (4@)	2
I2051	09100105B000	MEMBRANE SWITCH COVER (15C)	1
I2052	03006MC-9123	TRUSS SCREW(M3*L6) SUS	5
I2053	04-001A-SW60	COLOR CHANGE BOARD (12C)	1
	15-001A-UI15	COLOR CHANGE BOARD (15C)	
I2054	GP-008534-00	STUD BOLT	6
I2055	06010SC-8118	PLUS SCREW (M3*L4)	6
I2056	09100205B000	BOARD COVER (15,C)	1
I2057	13061SC-8119	PLUS SCREW (M3*L10)	4
I2058	05057SN-3211	HEX. NUT (M3-NO2)	4
I2059	GP-008160-00	MEMBRANCE SWITCH (B-UH1208-45)	1
	GP-008159-00	MEMBRANCE SWITCH (B-UH1508-45)	
I2060	03062ET-A001	CODE CLIP	1
I2061	22025SC-9134	SCREW (M4*L10)	1
I2062	09000300B000	MAGNET STICKER	1
I2063	25101ET-B001	COLOR CHANGE CONNECTOR	1
I2064	25015EL-A001	COLOR CHANGE-JOINT B/D (25-15)	1
I2065	25073EL-A001	HALF TURN SENSOR CABLE (25-73)	1
I2066	02107100UH80	CABLE (SH-71)	1
I2067	08100014B000	COLOR CHANGE BOX SET (12C)	1
	08100015B000	COLOR CHANGE BOX SET (15C)	

J

Wiper Set

SMF®



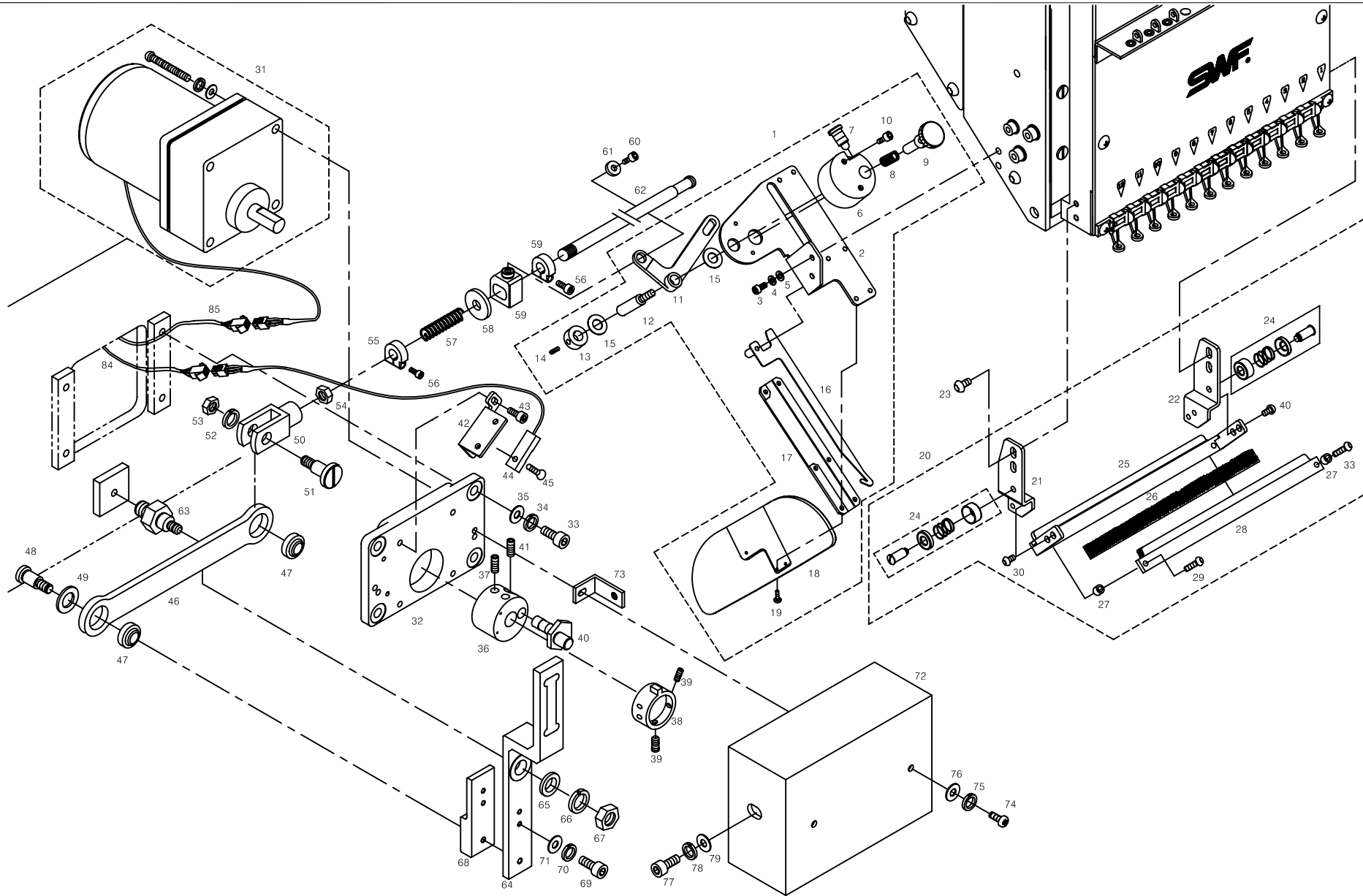
Ref.No	Part No.	Part Names	Q'ty
J-001	08500010U000	Upper Thread Catcher Set	4
J-002	03500110H000	Upper Thread Catcher Base	4
J-003	02023SC-7113	Hex.Socket Bolt (M4*L8)	8
J-004	18014SW-3115	Spring Washer (@4-No2)	8
J-005	18015SW-3111	Washer (4@)	8
J-006	03500900H000	Clutch Block	4
J-007	03501000H000	Clutch Stud Screw	4
J-008	03501100H000	Clutch Spring	4
J-009	03501200H000	Clutch Dial	4
J-010	11029SC-4113	Hex. Socket Bolt (M4*L20)	8
J-011	03500500H000	Upper Catcher Driving Lever	4
J-012	03500600H000	Driving Lever Pin	4
J-013	03500700H000	Driving Lever Pin Collar	4
J-014	04014SC-4517	Hex.Socket Set Screw(M5*L5)	8
J-015	03500800H000	Driving Lever Pin Washer	8
J-016	03500330H000	Upper Thread Hook	4
J-017	03500210H000	Upper Thread Hook Base Cover	4
J-018	12209100U000	Cap Guide	4
J-019	03005MC-3123	TRUSS SCREW (M3*L5)	24
J-020	08600002B000	Upper Thread Base Set (6C)	4
	08600003B000	Upper Thread Base Set (9C)	
	08600004B000	Upper Thread Base Set (12C)	
	08600005B000	Upper Thread Base Set (15C)	
J-021	09040PR-A001	Bracket (L)	4
J-022	09041PR-A001	Bracket (R)	4
J-023	02009SC-A001	Side Cover Screw	16
J-024	09044PR-A001	Upper Thread Holder Disk Set	8
J-025	09034PR-AE00	Upper Thread Presser Base (6C)	4
	09030PR-A002	Upper Thread Presser Base (9C)	
	09026PR-AB00	Upper Thread Presser Base (12C)	
	09052PR-T151	Upper Thread Presser Base (15C)	
J-026	09035ET-AE00	Velcro (6C)	8
	09031ET-A002	Velcro (9C)	
	09027ET-AB00	Velcro (12C)	
	09027ET-T151	Velcro (15C)	
J-027	09038CW-A001	Thread Presser Space	8
J-028	09037PR-AE00	Presser Base Cover (6C)	4
	09033PR-A002	Presser Base Cover (9C)	
	09029PR-AB00	Presser Base Cover (12C)	
	09029PR-T151	Presser Base Cover (15C)	

Ref. No	Part No.	Part Names	Q'ty
J-029	07018SC-8118	Plus Screw (M3*L8)	8
J-030	06010SC-8118	Plus Screw (M3*L4)	16
J-031	EP-000141-00	Upper Thread Hook Motor Unit	1
J-032	GP-015086-00	MOTOR BASE	1
J-033	06025MC-7113	Hex.Socket Bolt(M6*L25)	4
J-034	16014SW-4115	Spring Washer (@6)	4
J-035	08057SW-1111	Washer (@6)	4
J-036	03003300H000	Cam Shaft Fixing Block	1
J-037	05008MC-4517	Hex.Socket Bolt(M5*L8)	2
J-038	GP-005184-01	SENSOR SENSING ADJUSTING RING	1
J-039	04014SC-4517	Hex.Socket Set Screw(M5*L5)	2
J-040	03003500H000	Motor Driving Cam Shaft	1
J-041	04014SC-4517	Hex.Socket Set Screw(M5*L5)	1
J-042	GP-015085-00	UPPER THREAD HOOK SENSOR BASE	1
J-043	07035SC-7113	BRACKET SCREW (M3*L6)	2
J-044	15-027A-2070	SENSOR	1
J-045	13061SC-8119	Plus Screw (M3*L10)	1
J-046	03004200HH00	MOTOR DRIVING CONNECT PLATE	1
J-047	03004400H000	Motor Driving Connect Bearing	2
J-048	03008300H000	Connecting Plate Stud Screw A	1
J-049	03004500H000	Connecting Plate Pin Washer	1
J-050	03004800H000	Connecting Plate Knuckle	1
J-051	03004700H000	Connecting Plate Stud Screw	1
J-052	16014SW-4115	SPRING WASHER (@6)	1
J-053	13042SN-1111	Hex.Nut (M6*T5-R)	1
J-054	04032SN-A001	Hex. Nut (M8-No2)	1
J-055	03002610H000	Return Spring Stopper	8
J-056	05008SC-4113	Hex.Socket Bolt (M4*L16)	8
J-057	03002700H000	Return Spring	4
J-058	03002800H000	Return Spring Stopper Washer	4
J-059	03003000H000	Return Spring Fix Pin	4
J-060	02015SC-7113	Hex.Socket Bolt(M4*L10)	4
J-061	03002900H000	Return Spring Fix Pin Washer	4
J-062	03007000UK20	Upper Thread Driving Shaft (UK1202)	1
	03007000UK40	Upper Thread Driving Shaft (UK1204)	
	03007000UK60	Upper Thread Driving Shaft (UK1206)	
	03007000UH60	Upper Thread Driving Shaft (UH1506C)	1
	06000305UH80	Upper Thread Driving Shaft (UH1508)	
J-063	03003810H000	Stud Bolt For Driving Plate	1
J-064	03003910H000	Upper Thread Driving Plate	1

J

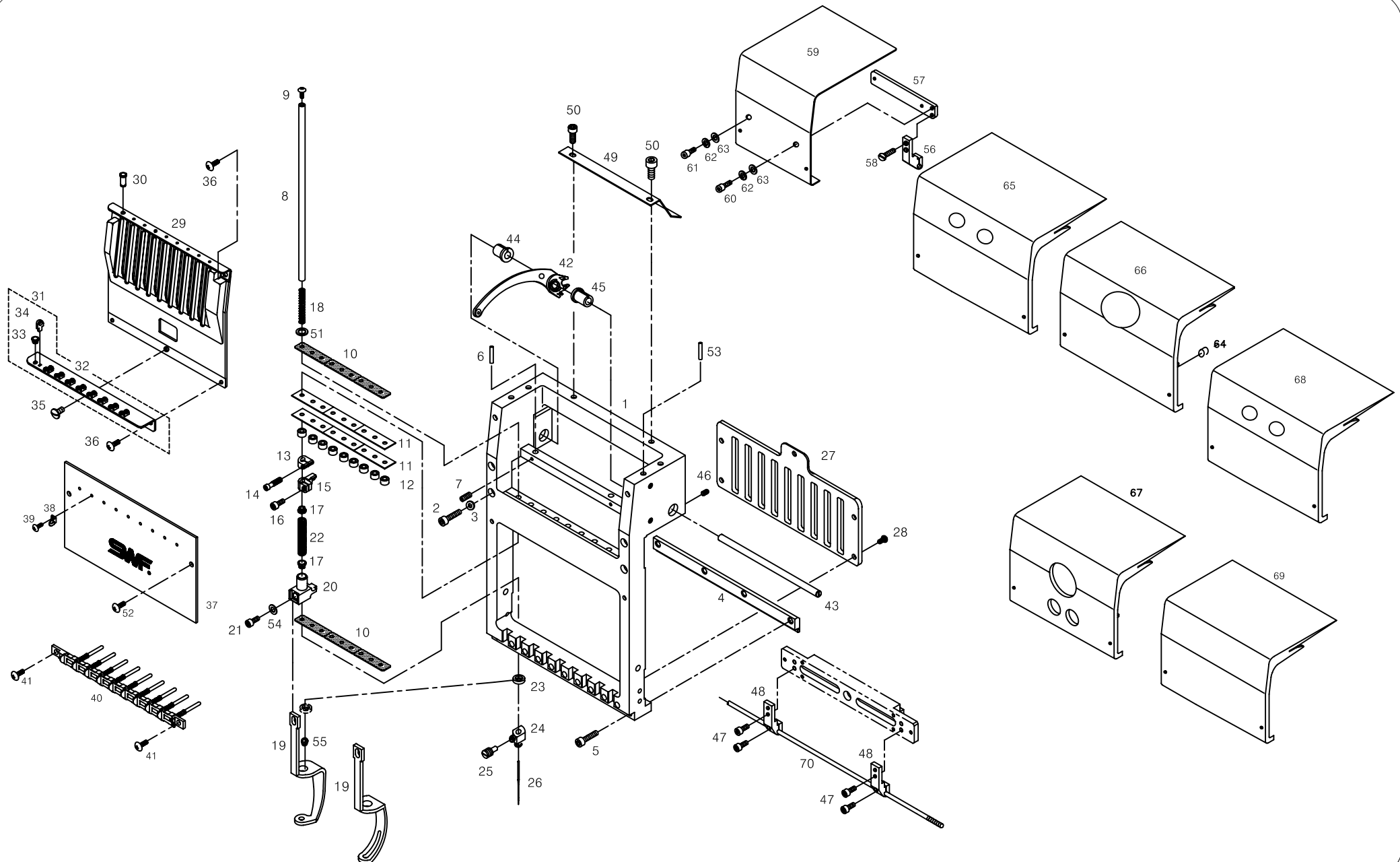
Wiper Set

SMF®



K

Head

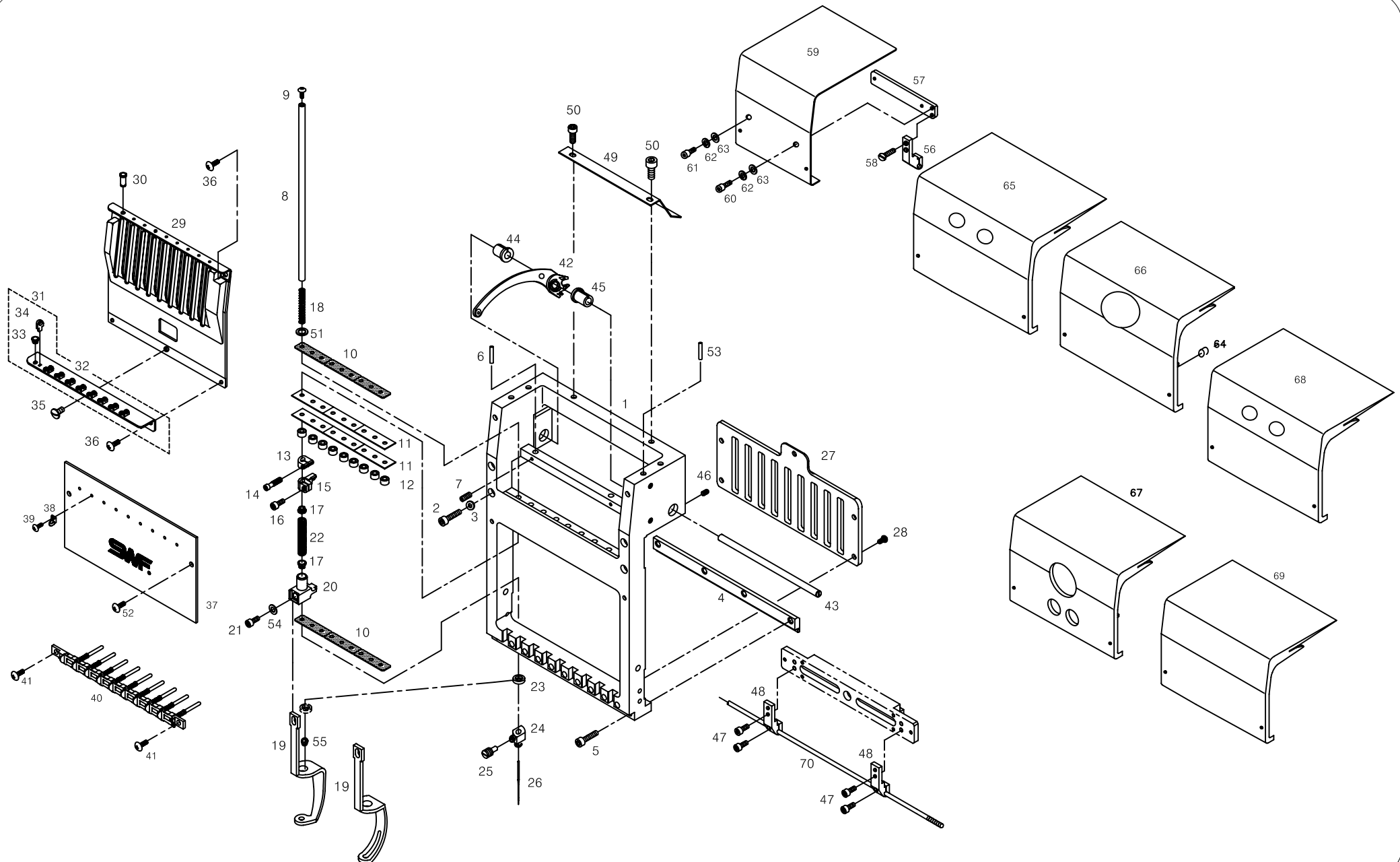


Ref.No	Part No.	PartNames	Q'ty
K-001	08200103I000	Head 9C	4
K-002	05008SC-4113	Hex.Socket Bolt (M4*L16)	16
K-003	06003SW-2111	Washer (@4)	16
K-004	08201303I000	Head Rail 9C	4
K-005	04023MC-4113	Hex. Socket Bolt (M4*L23)	16
K-006	05015CW-A001	Head Base Pin(@5*L15)	8
K-007	03022SC-4517	Hex. Socket Set Screw(M4*L5)	8
K-008	05018CW-A001	Needle Bar	36
K-009	05019SC-A001	Needle Bar Cover Screw (M5*L6)	36
K-010	08200700H000	Needle Bar Felt	24
K-011	05023RB-A001	Needle Bar Cushion Rubber "A"	24
K-012	05024RB-A001	Needle Bar Cushion Rubber "B"	36
K-013	11101200T000	Upper Dead Point Stopper	36
K-014	05026SC-4113	Stopper Screw (9/64-11.5)	36
K-015	08201400H000	Needle Bar Holder	36
K-016	05028SC-4113	Holder Screw (9/64-L8)	36
K-017	05021PM-H001	Presser Foot Spring Guide	72
K-018	08201000I000	Needle Bar Return Spring	36
K-019	08200500I000	PRESSER FOOT	36
	GP-006119-00	PRESSER FOOT (L) (Option)	
K-020	08200900I000	Presser Foot Holder A'ssy	36
K-021	05026SC-H001	Presser Foot Bolt	36
K-022	GP-007216-00	Needle Bar Return Spring	36
K-023	08201200H000	Presser Foot Cushion Rubber A	36
K-024	08201600H000	NEEDLE FIXED HOLDER	36
K-025	05363SC-A001	Needle Fixed Screw (A/S)	36
K-026	05037DB-A001	Needle (Db-K5- #11)	36
K-027	08200203I000	Needle Bar Guide Rail (9C)	4
K-028	05041SC-A001	Bolt (9/64 n=40)	20
K-029	10200103B000	Head Face Plate (U) 9C	4
K-030	10200100H000	Thread Guide Bush "A-1"	36
K-031	10300002A000	Thread Guide (M) Set (6C)	4
	10300003A000	Thread Guide (M) Set (9C)	
	10300004A000	Thread Guide (M) Set (12C)	
	10300005A000	Thread Guide (M) Set (15C)	
K-032	10300112A000	Thread Guide (M) (6C)	4
	10300113A000	Thread Guide (M) (9C)	
	10300114A000	Thread Guide (M) (12C)	
	10300115A000	Thread Guide (M) (15C)	
K-033	05452CM-A001	Eyelet "A"	36

Ref. No	Part No.	Part Names	Q'ty
K-034	10110000A000	Eyelet "B" (6C)	24
	05483CM-A001	Eyelet "B" (9C)	36
	10110000A000	Eyelet "B" (12C)	48
	05483CM-A001	Eyelet "B" (15C)	60
K-035	05062SC-A001	Thread Guide (M) Screw (9/64 n=40)	4
K-036	05070SC-3123	Head Face Plate (U) Screw	16
K-037	12001703I000	Head Face Plate(L)	4
K-038	11012PR-B001	Thread Guide	36
K-039	09005SC-3123	Truss Bolt (M3*L5)	36
K-040	10900003I000	Thread Holding Device A'ssy	4
K-041	05070SC-3123	Truss Bolt 9/64 n=40	8
K-042	07005BM-B002	Take-Up Lever Set	36
K-043	08200503A000	Take-Up Lever Shaft (9C)	4
K-044	08203000A000	Take-Up Lever Shaft Bush(L)	4
K-045	08200800A000	Take-Up Lever Shaft Bush(R)	4
K-046	07009SC-4517	Hex. Socket Bolt(M5*L6)	8
K-047	02015SC-7113	Hex.Socket Bolt(M4*L8)	16
K-048	08004900A000	Color Change Bracket "B"	3
K-049	11047PR-A002	Cable Support "B"	4
K-050	02023SC-7113	Hex.Socket Bolt(M4*L5)	8
K-051	05022SW-A001	Spring Shoe Washer	36
K-052	05070SC-3123	Head Face Plate (U) Screw	8
K-053	01303700H000	TENSION PLATE PIN	8
K-054	05027PR-H001	PRESSER FOOT HOLDER WASHER	36
K-055	05031AF-A001	PRESSER FOOT GUIDE BUSH	60
K-056	08004700A000	Color Change Bracket "A"	1
K-057	09000200H000	Top Shaft Cover (L) Bracket	1
K-058	13048SC-A001	Bracket "A" Screw	2
K-059	01001400UK00	Top Shaft Cover (L)	1
K-060	02015SC-7113	Hex.Socket Bolt(M4*L10)	1
K-061	02023SC-7113	HEX. SOCKET BOLT (M4*L8)	1
K-062	18014SW-3115	SPRING WASHER (@4-NO2)	2
K-063	18015SW-3111	WASHER (4@)	2
K-064	02023ET-A001	Top Shaft Cover Magnet	6
K-065	09000102UK00	Top Shaft Cover "A" (6C)	1
	09000103UK00	Top Shaft Cover "A" (9C)	
	09000104UK00	Top Shaft Cover "A" (12C)	
	02001PM-UK14	Top Shaft Cover "A" (15C)	
	09000104UH00	Top Shaft Cover "A" (L191) (UH1206C)	
	09000105UH00	Top Shaft Cover "A" (L146) (UH1506C)	

K

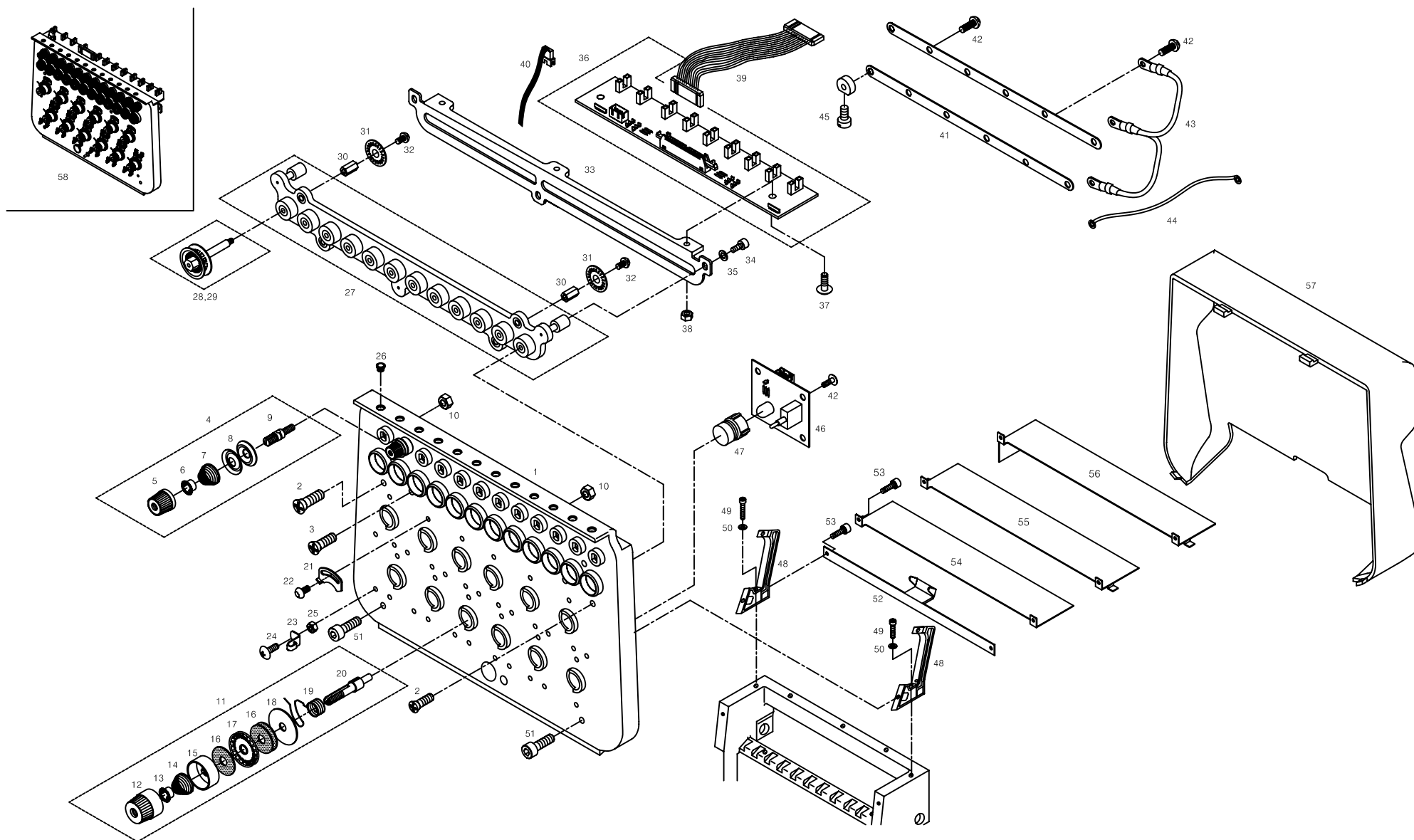
Head



L

Thread Tension Unit

SWF®



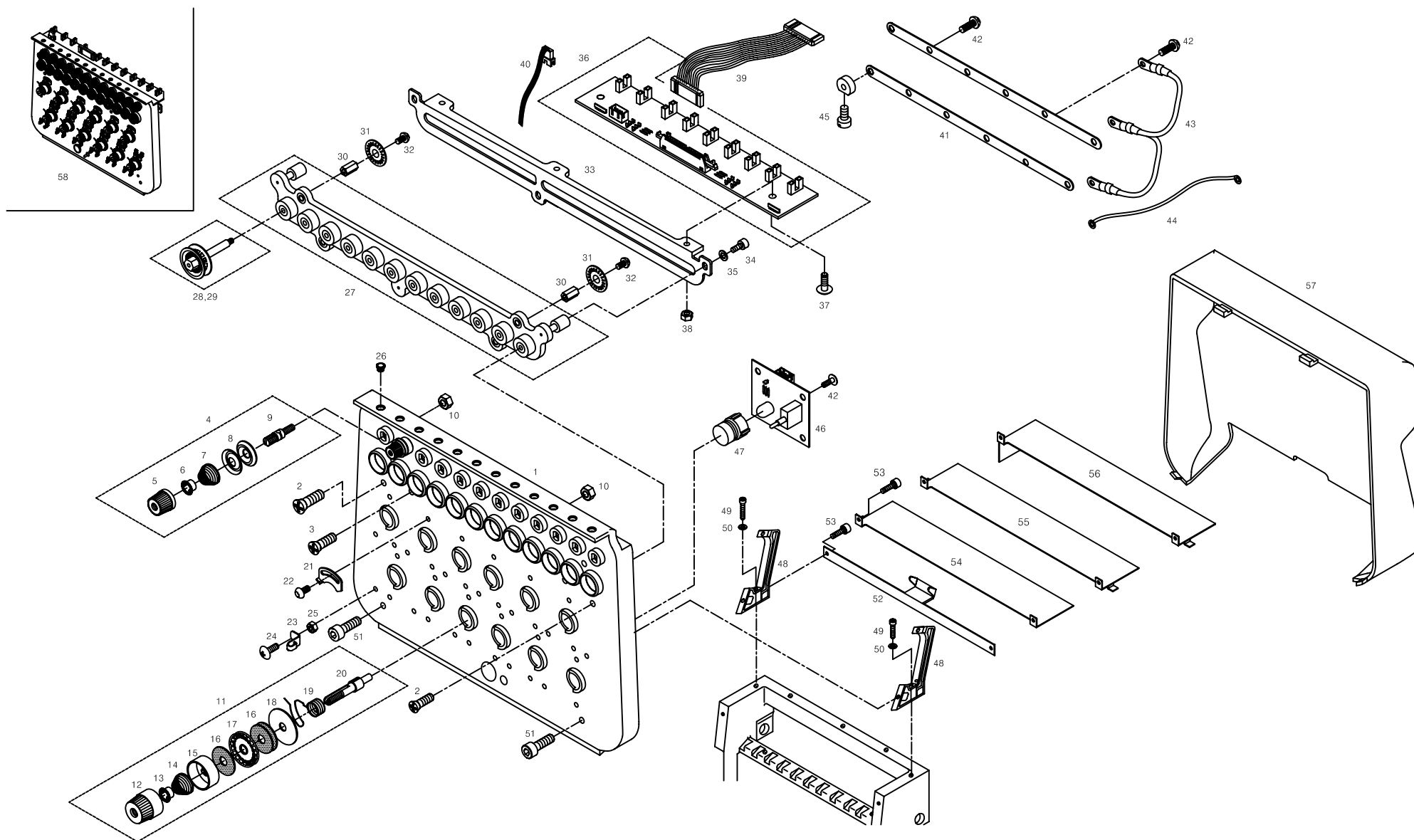
Ref.No	Part No.	Part Names	Q'ty
L-001	08300102I000	TENSION UNIT PLATE (6C)	4
	08300103I000	TENSION UNIT PLATE (9C)	
	08300104I000	TENSION UNIT PLATE (12C)	
	08300105I000	TENSION UNIT PLATE (15C)	
L-002	15089SC-7119	C.S Screw (M4*L10)	8
L-003	02002SC-7119	Pluss Screw (M4*L8)	20
L-004	08320000I000	SUB TENSION ADJUSTING SET	48
L-005	08300600A000	SUB TENSION ADJUSTING NUT(A)	48
L-006	11088PM-A001	TENSION SPRING STOPPER	48
L-007	08301100I000	TENSION SPRING	48
L-008	08301200I000	TENSION DISC	96
L-009	08301000I000	TENSION ADJUSTING STUD	48
L-010	03031SN-A001	Pin. Nut (11/64,N=40)	48
L-011	08310000B000	TENSION ADJUSTING SET	48
L-012	08300500A000	TENSION ADJUSTING NUT	48
L-013	08300700A000	TENSION SPRING STOPPER	48
L-014	08300800A000	TENSION ADJUSTING SPRING	48
L-015	11086PM-A001	Tension Spring Collar	48
L-016	11084AF-A001	Felt	144
L-017	11085AF-A001	Rotary Tension Disc	48
L-018	11083PM-A001	Disc Plate	48
L-019	11082AF-A001	THREAD TAKE-UP SPRING	48
L-020	11081CW-A001	Thread Tension Adjusting Stud	48
L-021	11009PR-B001	Thread Breakage Detecting Plat	48
L-022	09005SC-3123	Truss Screw (M3*L6)	48
L-023	11012PR-B001	Thread Guide (New) (12C)	120
L-024	09005SC-3123	Truss Screw (M3*L6)	120
L-025	11014SN-1211	Hex.Nut (M3-No2)	120
L-026	05452CM-A001	EYELET "A"	48
L-027	08300702I000	ROLLER BASE (6C)	4
	08300703I000	ROLLER BASE (9C)	
	08300704I000	ROLLER BASE (12C)	
	08300705I000	ROLLER BASE (15C)	
L-028	11075PM-B001	Thread Sensor Roller(B1)Set (6C)	24
	11075PM-B001	Thread Sensor Roller(B1)Set (12C)	48
	11075PM-B001	Thread Sensor Roller(B1)Set (15C)	28
L-029	11076PM-B001	Thread Sensor Roller(B2)Set (15C)	32
L-030	08308300B000	THREAD DETECTING WHEEL STUD (6C)	24
	11083CW-B001	THREAD DETECTING WHEEL STUD (9C)	36
	08308300B000	THREAD DETECTING WHEEL STUD (12C)	48

Ref. No	Part No.	Part Names	Q'ty
L-030	11083CW-B001	THREAD DETECTING WHEEL STUD (15C)	60
L-031	GP-005179-00	THREAD BREAKAGE DETECTING WHEEL	48
L-032	08011SC-8118	Screw (M2*L4)	48
L-033	08300202I000	BOARD BASE (6C)	4
	08300203I000	BOARD BASE (9C)	
	08300204I000	BOARD BASE (12C)	
	08300205I000	BOARD BASE (15C)	
L-034	02023SC-7113	Hex.Socket Bolt (M4*L8)	12
L-035	06003SW-2111	Washer (@4)	12
L-036	18009EL-WH06	WHEEL SENSOR BOARD (6C)	4
	20009EL-WH09	WHEEL SENSOR BOARD (9C)	
	20009EL-WH12	WHEEL SENSOR BOARD (12C)	
	20009EL-WH15	WHEEL SENSOR BOARD (15C)	
L-037	02010SC-3123	Truss Screw (M4*L8)	12
L-038	05016SN-1211	Hex.Nut (M4)	12
L-039	02102200U000	Plate To B/B Cable	4
L-040	02101800B000	Plate Led S/W Board Cable	4
L-041	08300302I000	CONNECTION PLATE (6C)	8
	08300303I000	CONNECTING PLATE A (9C)	4
	08300403I000	CONNECTING PLATE B (9C)	4
	08300304I000	CONNECTION PLATE (12C)	8
	08300305I000	CONNECTION PLATE "A" (15C)	4
	08300405I000	CONNECTION PLATE "B" (15C)	4
L-042	09005SC-3123	Truss Screw (M3*L6)	48
L-043	02103903H000	Wheel Earth 6,9,12C	4
	25124EL-B001	Tension Plat Earth Cable 15C	
L-044	25126EL-B001	Sensor Board To Wheel Earth	4
L-045	11009SC-A001	Stud Screw	48
L-046	03-0000-EMB1	Head On/Off S/W Board 6C,12C	4
	02-0000-EMB1	Head On/Off S/W Board 9C,15C	
L-047	08300400A000	Lamp Cover	4
L-048	08202000A000	TENSION ADJUSTING PLATE HOLDER (6C)(9C)	8
	08202000I000	TENSION ADJUSTING PLATE HOLDER (12C)	
	11020PM-B001	TENSION ADJUSTING PLATE HOLDER (15C)	
L-049	05009SW-1111	Washer (@4-L)	8
L-050	11029SC-4113	Hex. Socket Bolt (M4*L20)	8
L-051	04010MC-7113	Hex.Socket Bolt (M4*L10)	8
L-052	11032PR-T121	Cable Supporter 12C	1
L-053	02023SC-7113	Hex. Socket Bolt (M4*L8)	6
L-054	08003202B000	Cover PLate (R) 6C (6C)	1

L

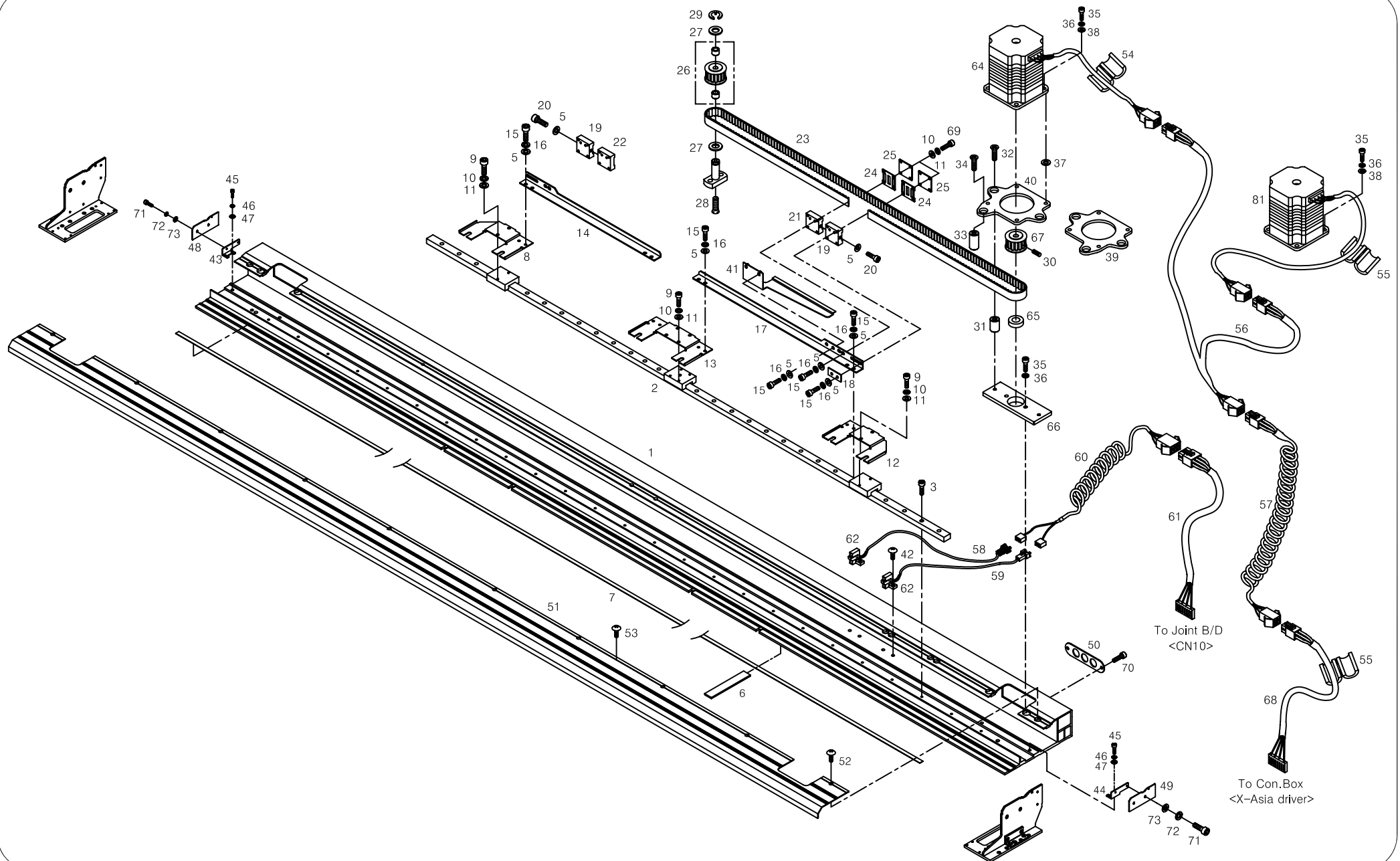
Thread Tension Unit

SWF®



M1

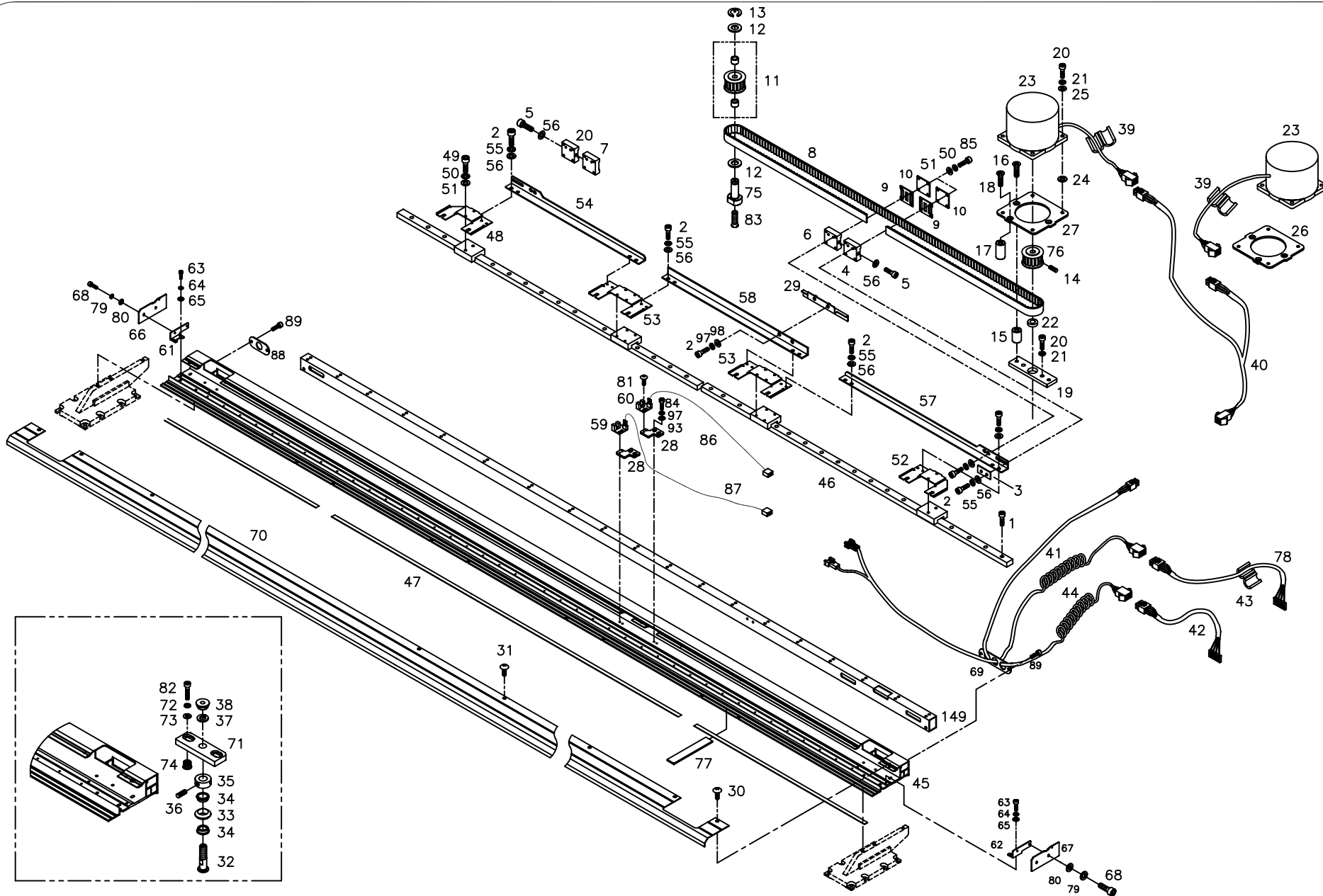
X-Axis Drive Set (UK1202)



Ref.No	Part No.	Part Names	Q'ty
M1001	GP-008137-01	X-Frame L=1635	1
M1002	15002LM-UK02	X-Lm Guide (Sr15W,L1480)	1
M1003	22006SC-7113	Hex. Socket Bolt (M3*L8)	25
M1006	15062SF-T121	Felt	2
M1007	15006PR-UK02	Tubular Frame Rail Plate	1
M1008	15007PR-UK02	Connecting Plate(L)	1
M1009	22006SC-7113	Hex. Socket Bolt (M3*L8)	8
M1010	11019SW-9115	Spring Washer (3@)	16
M1011	08011SW-1111	Spring Washer (@3-S)	16
M1012	15011PR-UK02	Connecting Plate(R)	1
M1013	15015PR-UK02	Connecting Plate	1
M1014	15019PR-UK02	Lm Block Connecting Plate(L)	1
M1015	02023SC-7113	Hex. Socket Bolt (M4*L8)	18
M1016	02028SW-9115	Spring Washer (@4)	22
M1017	15023PR-UK02	Lm Block Connecting Plate(R)	1
M1018	14020PR-UK01	Space	2
M1019	14045AD-UK01	Belt Bracket (B)	2
M1020	15034SC-4113	Hex. Socket Bolt (M4*L45)	2
M1021	14049AD-UK01	Belt Bracket (C)	1
M1022	14048AD-UK01	Belt Bracket (A)	1
M1023	12048BT-T121	X-Axis Timing Belt	1
M1024	14051PR-UK01	Fixing Plate	4
M1025	14052PR-UK01	Fixing Plate Holder	4
M1026	12017PU-T121	Timing Pulley "A"	2
	12018BR-T121	Neddle Bearing Hk1010(Ina)	4
M1027	12019BR-T121	Fiber Washer R-Tw1020	4
M1028	15048SC-4119	Plus Screw (M5*L12)	2
M1029	08044SR-4013	E-Ring (@8)	2
M1030	04014SC-4517	Hex.Socket Set Screw(M5*L5)	4
M1031	14065AD-UK01	Motor Fixing Shaft (A)	4
M1032	15053SC-4119	Plus Screw (M5*L30)	4
M1033	14067AD-UK01	Motor Fixing Shaft (B)	2
M1034	15055SC-4119	Plus Screw (M5*L35)	2
M1035	08076SC-7113	Hex. Socket Bolt (M5*L12)	12
M1036	18048SW-3115	Spring Washer (@5)	12
M1037	15059PR-UK02	X-Motor Space	8
M1038	16018SW-1111	Washer (@5)	8
M1039	15060PR-UK02	X-Motor Base(L)	1
M1040	15061PR-UK02	X-Motor Base(R)	1
M1041	15065PR-UK02	Perception Plate	1

M2

X-Axis Drive Set (UK1204)

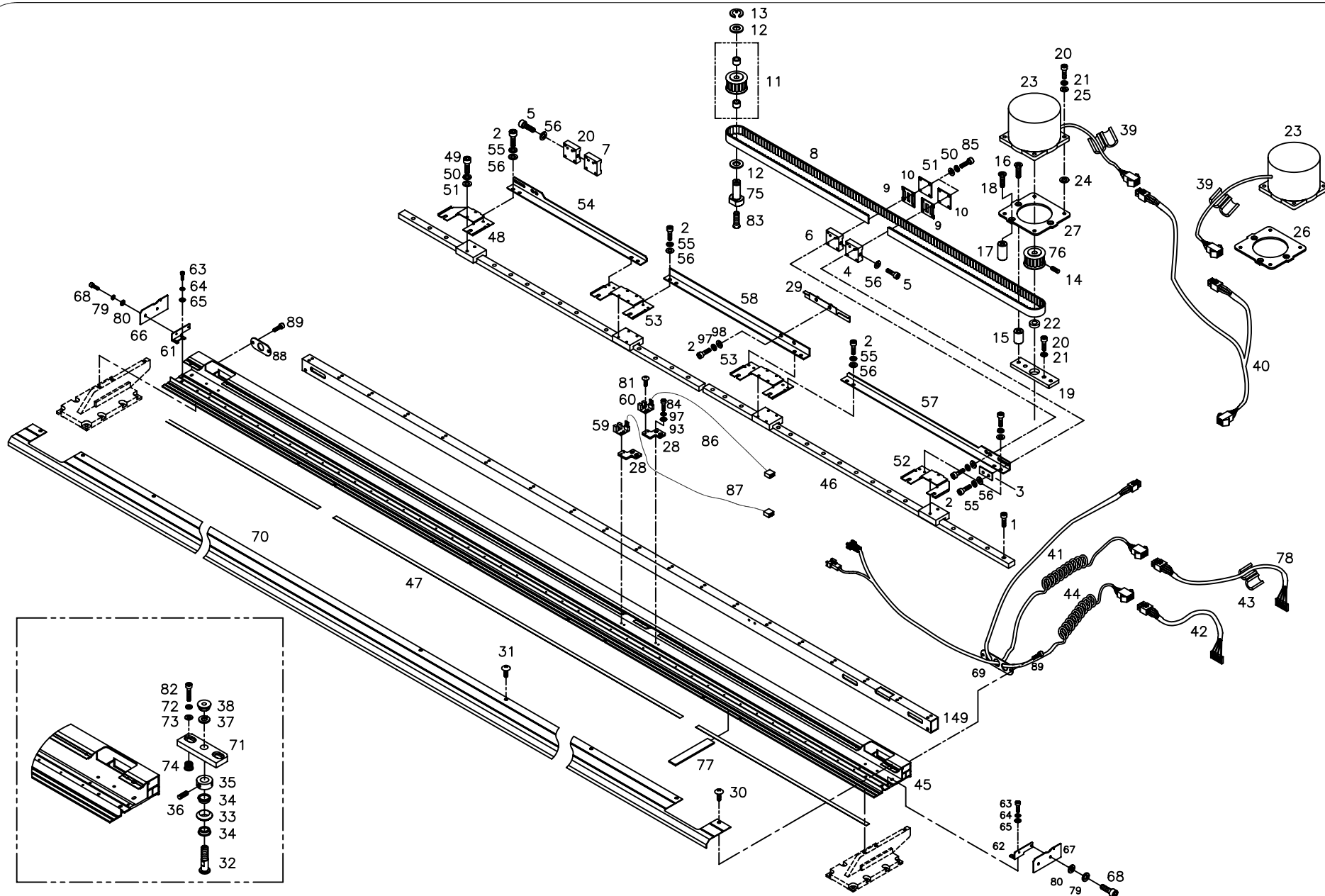


Ref.No	Part No.	Part Names	Q'ty
M2001	22006SC-7113	Hex. Socket Bolt (M3*L8)	62
M2002	02023SC-7113	Hex. Socket Bolt (M4*L8)	32
M2003	14020PR-UK01	Space	2
M2004	14045AD-UK01	Belt Bracket (B)	2
M2005	15034SC-4113	Hex. Socket Boit (M4*L45)	2
M2006	14049AD-UK01	Belt Bracket (C)	1
M2007	14048AD-UK01	Belt Bracket (A)	1
M2008	12048BT-T121	X-Axis Timing Belt	2
M2009	14051PR-UK01	Fixing Plate	4
M2010	14052PR-UK01	Fixing Plate Holder	4
M2011	12017PU-T121	Timing Pulley "A"	2
	12018BR-T121	Neddle Bearing Hk1010(Ina)	4
M2012	12019BR-T121	Fiber Washer R-Tw1020	4
M2013	08044SR-4013	E-Ring (@8)	2
M2014	04014SC-4517	Hex.Socket Set Screw(M5*L5)	4
M2015	14065AD-UK01	Motor Fixing Shaft (A)	4
M2016	15053SC-4119	Plus Screw (M5*L30)	4
M2017	14067AD-UK01	Motor Fixing Shaft (B)	2
M2018	15055SC-4119	Plus Screw (M5*L35)	2
M2019	14069AD-UK01	Motor Block	2
M2020	08076SC-7113	Hex. Socket Bolt (M5*L12)	12
M2021	18048SW-3115	Spring Washer (@5)	12
M2022	14071BR-UK01	Bearing Bc616Zz	2
M2023	15076AF-UK01	X-Motor (103H8221-5044)	2
M2024	15061PR-UK01	Motor Space (@5*@11*2T)	8
M2025	16018SW-1111	Washer (@5)	8
M2026	14074PR-UK01	Motor Base (L)	1
M2027	14075PR-UK01	Motor Base (R)	1
M2028	15067PR-UK01	Sensor Plate	2
M2029	15071PR-UK01	Perception Plate	1
M2030	15042SC-3123	Truss Screw (M4*L6)	12
M2031	18153SC-3123	Plus Screw (M4*L10)	2
M2032	15104CW-UK01	Roller Stud Bolt	2
M2033	15130AF-A001	Roller Guide	2
M2034	15106BR-A001	Flange Bearing (1280Zz)	4
M2035	15107CW-UK01	Roller Collar	2
M2036	03022SC-4517	Hex. Socket Set Screw(M4*L5)	4
M2037	15095SW-3115	Spring Washer (@8)	2
M2038	04032SN-A001	Hex. Nut (M8-No2)	2
M2039	15044EL-T121	Bid (S)	2

Ref. No	Part No.	Part Names	Q'ty
M2040	25014EL-UK01	Cable (4Ht-14)	1
M2041	25019EL-T121	Power Cable 2 (1Ht-19)	1
M2042	25041EL-UK01	X Original In (4Ht-41)	1
M2043	15045EL-UK01	Bid (L)	1
M2044	25038EL-UK06	Cable (25-38)	1
M2045	GP-014076-00	X-LM GUIDE FRAME L2635	1
M2046	03200500UK40	X-Axis L/M Guide 1160L	2
M2047	03200700UK40	Tubular Frame Rail Plate	1
M2048	15007PR-UK02	Connecting Plate(L)	1
M2049	02015SC-7113	Hex.Socket Bolt(M4*L10)	12
M2050	18014SW-3115	Spring Washer (@4-No2)	12
M2051	18015SW-3111	Washer (4@)	12
M2052	15011PR-UK02	Connecting Plate(R)	1
M2053	15015PR-UK02	Connecting Plate	2
M2054	03200800UK40	L/M Block Connecting Plate (L)	1
M2055	18014SW-3115	Spring Washer (@4-No2)	30
M2056	18015SW-3111	Washer (4@)	30
M2057	03200900UK40	L/M Block Connecting Plate (R)	1
M2058	03201000UK40	L/M Block Connecting Plate	1
M2059	03201700UH00	X-Positioning Sonsor	1
M2060	03201600UH00	X-Positioning Sensor	1
M2061	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)	1
M2062	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)	1
M2063	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
M2064	18014SW-3115	Spring Washer (@4-No2)	8
M2065	05009SW-1111	Washer (@4-L)	8
M2066	GP-005106-00	X-AXIS FRAME SIDE COVER (L)	1
M2067	GP-005107-00	X-AXIS FRAME SIDE COVER (R)	1
M2068	15042SC-3123	Truss Screw (M4*L6)	4
M2069	15087PR-UK02	Cable Plate For Bushing	1
M2070	03201300UK40	X-Cover (L=2635)	1
M2071	15100CL-UK01	Roller Fixed Plate	2
M2072	18014SW-3115	Spring Washer (@4-No2)	4
M2073	18015SW-3111	Washer (4@)	4
M2074	03201900UH00	X-Frame Screw Bush	4
M2075	03106000U000	Timing Pulley Driving Pin	2
M2076	14063PU-UK01	Timing Pulley "B"	2
M2077	03201800UH00	Felt (190*30*1.5T)	4
M2078	02101300U040	Cable (Sh-13-1)	1
M2079	18015SW-3111	WASHER (4@)	4

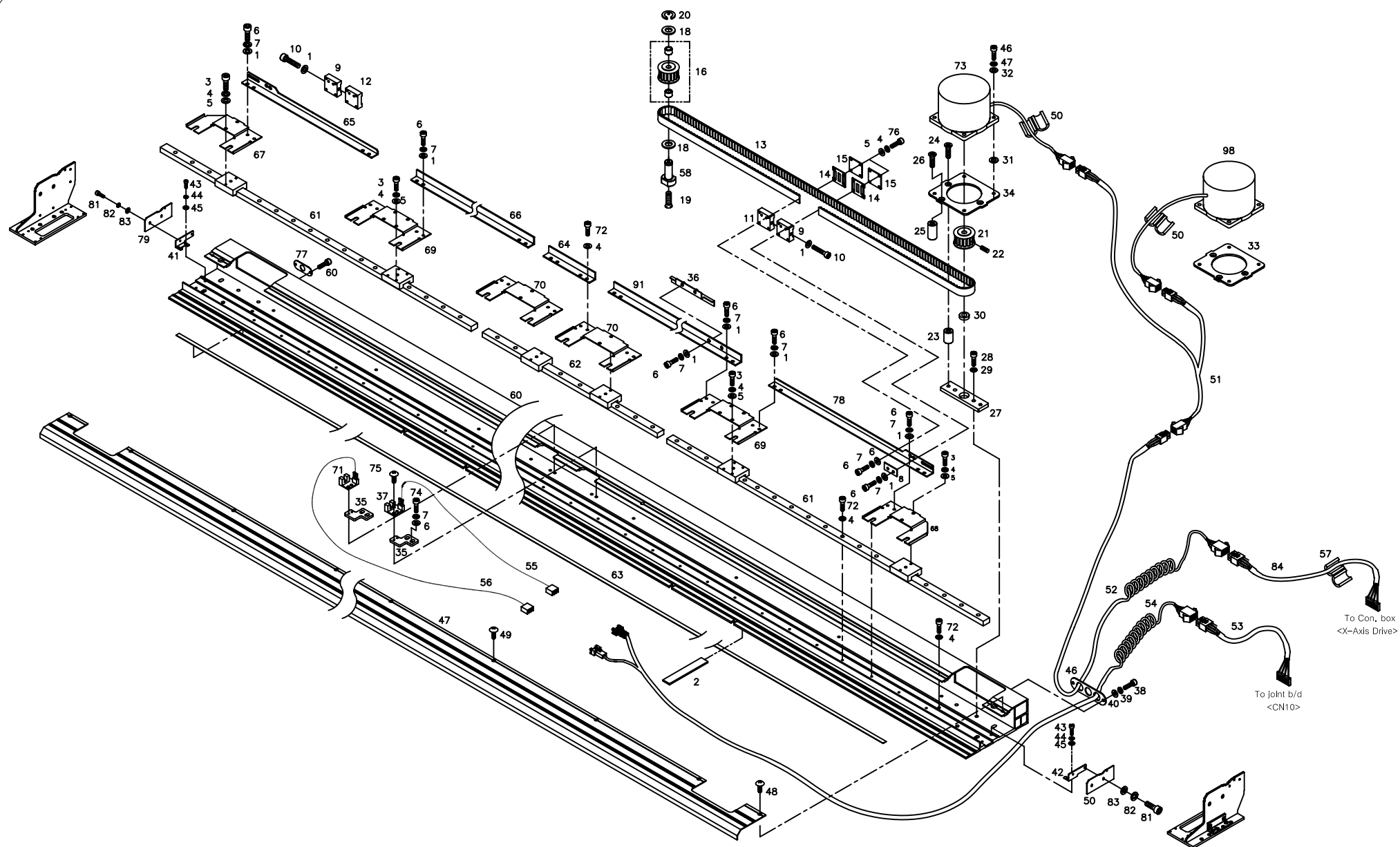
M2

X-Axis Drive Set (UK1204)



M3

X-Axis Drive Set (UK1206)

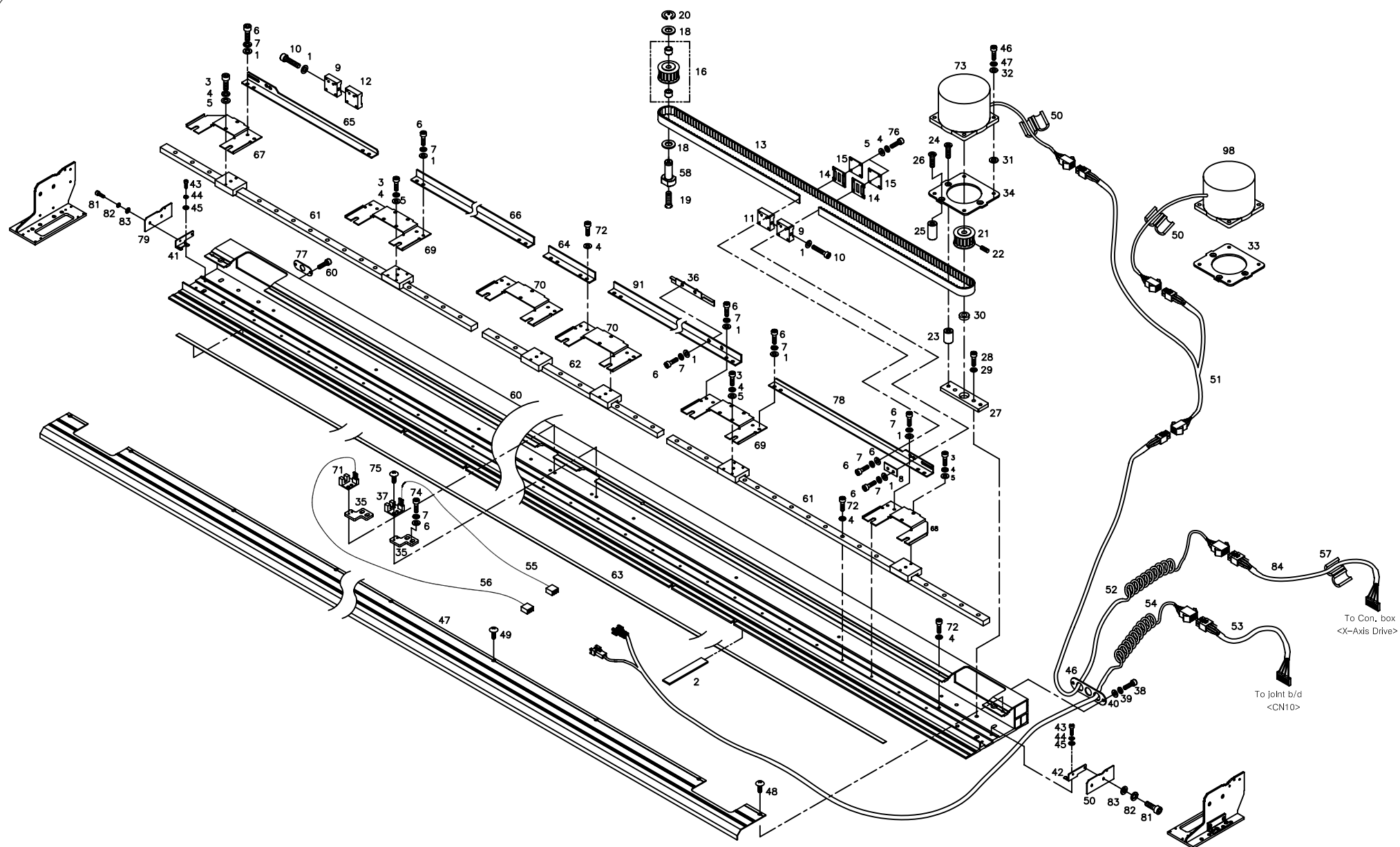


Ref.No	Part No.	Part Names	Q'ty
M3001	05009SW-1111	Washer (@4-L)	28
M3002	15062SF-T121	Felt	6
M3003	22006SC-7113	Hex. Socket Bolt (M3*L8)	16
M3004	11019SW-9115	Spring Washer (3@)	40
M3005	08011SW-1111	Spring Washer (@3-S)	40
M3006	02023SC-7113	Hex. Socket Bolt (M4*L8)	26
M3007	02028SW-9115	Spring Washer (@4)	28
M3008	14020PR-UK01	Space	2
M3009	14045AD-UK01	Belt Bracket (B)	2
M3010	15034SC-4113	Hex. Socket Boit (M4*L45)	2
M3011	14049AD-UK01	Belt Bracket (C)	1
M3012	14048AD-UK01	Belt Bracket (A)	1
M3013	12048BT-T121	X-Axis Timing Belt	2
M3014	14051PR-UK01	Fixing Plate	4
M3015	14052PR-UK01	Fixing Plate Holder	4
M3016	12017PU-T121	Timing Pulley "A"	2
M3017	12018BR-T121	Neddle Bearing Hk1010(Ina)	4
M3018	12019BR-T121	Fiber Washer R-Tw1020	4
M3019	15048SC-4119	Plus Screw (M5*L12)	2
M3020	08044SR-4013	E-Ring (@8)	2
M3021	14063PU-UK01	Timing Pulley "B"	2
M3022	04014SC-4517	Hex.Socket Set Screw(M5*L5)	4
M3023	14065AD-UK01	Motor Fixing Shaft (A)	4
M3024	15053SC-4119	Plus Screw (M5*L30)	4
M3025	14067AD-UK01	Motor Fixing Shaft (B)	2
M3026	15055SC-4119	Plus Screw (M5*L35)	2
M3027	14069AD-UK01	Motor Block	2
M3028	08076SC-7113	Hex. Socket Bolt (M5*L12)	12
M3029	18048SW-3115	Spring Washer (@5)	12
M3030	14071BR-UK01	Bearing Bc616Zz	2
M3031	15061PR-UK01	Motor Space (@5*@11*2T)	8
M3032	16018SW-1111	Washer (@5)	8
M3033	14074PR-UK01	Motor Base (L)	1
M3034	14075PR-UK01	Motor Base (R)	1
M3035	15067PR-UK01	Sensor Plate	2
M3036	15071PR-UK01	Perception Plate	1
M3037	15043EL-UK01	X-Positioning Sensor	1
M3038	02023SC-7113	Hex.Socket Bolt (M4*L8)	4
M3039	18014SW-3115	Spring Washer (@4-No2)	2
M3040	18015SW-3111	Washer (4@)	2

Ref. No	Part No.	Part Names	Q'ty
M3041	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)	1
M3042	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)	1
M3043	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
M3044	18014SW-3115	Spring Washer (@4-No2)	8
M3045	05009SW-1111	Washer (@4-L)	8
M3046	14014PR-UK01	Bushing Plate	1
M3047	GP-008150-01	X-Frame Cover L=3639	1
M3048	15042SC-3123	Truss Screw (M4*L6)	17
M3049	18153SC-3123	Plus Screw (M4*L10)	2
M3050	15044EL-T121	Bid (S)	2
M3051	25010EL-UK06	Cable (25-10)	1
M3052	25009EL-UK06	Cable (25-09)	1
M3053	25038EL-UK06	Cable (25-38)	1
M3054	25041EL-UK01	X Original In (4Ht-41)	1
M3055	25052EL-UK01	Last-Sensor (Black) 4Ht-52	1
M3056	25053EL-UK01	Last-Sensor (White) 4Ht-53	1
M3057	15045EL-UK01	Bid (L)	1
M3058	03106000U000	Timing Pulley Driving Pin	2
M3059	02101300U000	CABLE (SH-13-2)	1
M3060	GP-008149-01	X-FRAME (L3661)	1
M3061	03200500UK40	X-AXIS L/M GUIDE (1160L)	2
M3062	03200500UK60	X-AXIS L/M GUIDE (760L)	1
M3063	03200600UK60	TUBULAR FRAME RAIL PLATE (L3630)	1
M3064	03200800UK60	CONNECTING PLATE FOR LM BLOCK (L119)	1
M3065	03200800UK40	L/M BLOCK CONNECTING PLATE (L)	1
M3066	03200900UK60	CONNECTING PLATE (A) (L714.5)	2
M3067	15007PR-UK02	CONNECTING PLATE(L)	1
M3068	15011PR-UK02	CONNECTING PLATE(R)	1
M3069	15015PR-UK02	CONNECTING PLATE	2
M3070	03200700UK60	CONNECTING PLATE "A"	2
M3071	15044EL-UK01	X-Positioning Sensor	1
M3072	03071SC-7113	HEX. SOCKET BOLT (M3*L10)	94
M3073	15076AF-UK01	X-MOTOR (103H8221-5044)	2
M3074	02015SC-7113	HEX.SOCKET BOLT(M4*L10)	4
M3075	03006MC-8118	PLUS SCREW (M3*L6)	4
M3076	03071SC-7113	HEX. SOCKET BOLT (M3*L10)	16
M3077	15082PR-W121	FIXING PLATE FOR BUSHING	1
M3078	03200900UK40	L/M BLOCK CONNECTING PLATE (R)	1
M3079	GP-005106-00	X-AXIS FRAME SIDE COVER (L)	1
M3080	GP-005107-00	X-AXIS FRAME SIDE COVER (R)	1

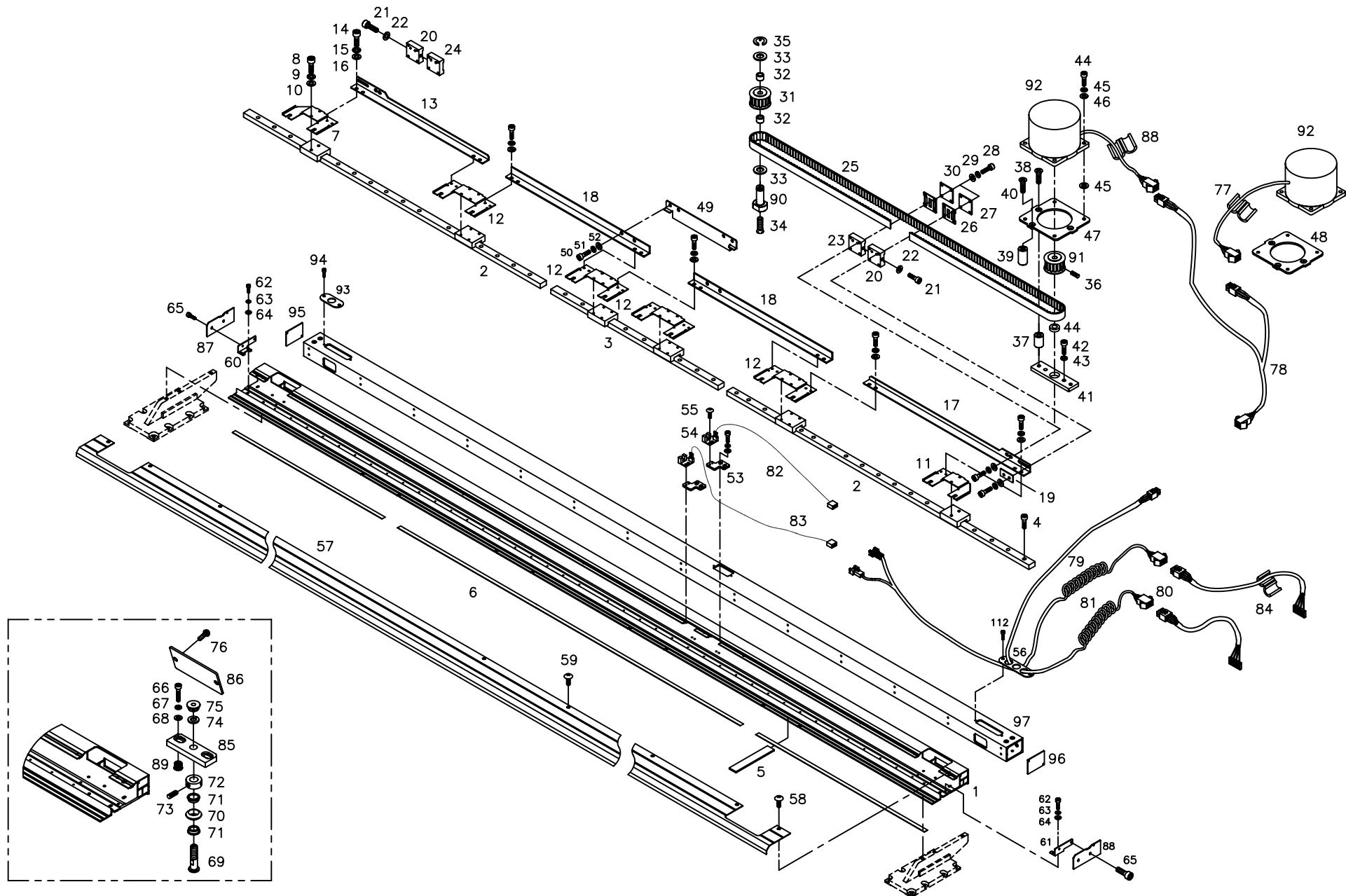
M3

X-Axis Drive Set (UK1206)



M4

X-Axis Drive System (UH1506C)

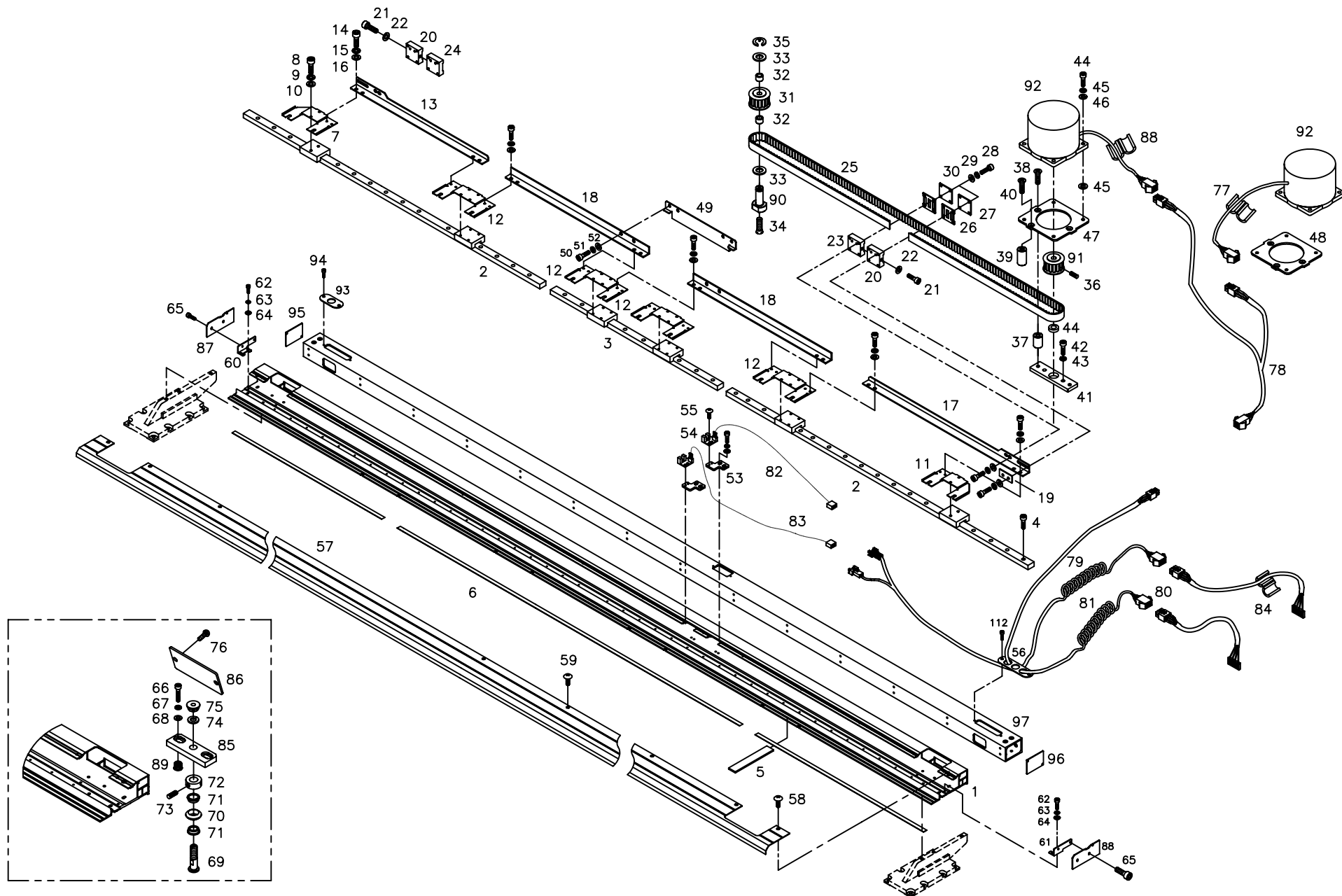


Ref.No	Part No.	Part Names	Q'ty
M4001	GP-005120-01	X-LM GUIDE FRAME L2935	1
M4002	03200500UH00	X-Axis L/M Guide "A"	2
M4003	03200600UH00	X-Axis L/M "B"	1
M4004	22006SC-7113	Hex. Socket Bolt (M3*L8)	46
M4005	15062SF-T121	Felt	8
M4006	03200700UH00	Tubular Frame Rail Plate	1
M4007	15007PR-UK02	Connecting Plate(L)	1
M4008	02015SC-7113	Hex.Socket Bolt(M4*L10)	8
M4009	02028SW-9115	Spring Washer (@4)	8
M4010	02063SW-1111	Washer(@4)	8
M4011	15011PR-UK02	Connecting Plate(R)	1
M4012	15015PR-UK02	Connecting Plate	4
M4013	03200800UH00	L/M Block Connecting Plate (L)	1
M4014	02023SC-7113	Hex. Socket Bolt (M4*L8)	16
M4015	02028SW-9115	Spring Washer (@4)	16
M4016	05009SW-1111	Washer (@4-L)	16
M4017	03200900UH00	L/M Block Connecting Plate (R)	1
M4018	03201000UH00	L/M Block Connecting Plate	2
M4019	14020PR-UK01	Space	2
M4020	14045AD-UK01	Belt Bracket (B)	2
M4021	15034SC-4113	Hex. Socket Boit (M4*L45)	2
M4022	05009SW-1111	Washer (@4-L)	2
M4023	14049AD-UK01	Belt Bracket (C)	1
M4024	14048AD-UK01	Belt Bracket (A)	1
M4025	03201100UH00	X-Timming Belt (L=1260)	2
M4026	14051PR-UK01	Fixing Plate	4
M4027	14052PR-UK01	Fixing Plate Holder	4
M4028	03071SC-A001	Hex.Socket Bolt (M3*L15)	16
M4029	11019SW-9115	Spring Washer (3@)	16
M4030	08011SW-1111	Spring Washer (@3-S)	16
M4031	12017PU-T121	Timing Pulley "A"	2
M4032	12018BR-T121	Neddle Bearing Hk1010(Ina)	4
M4033	12019BR-T121	Fiber Washer R-Tw1020	4
M4034	15048SC-4119	Plus Screw (M5*L12)	2
M4035	08044SR-4013	E-Ring (@8)	2
M4036	04014SC-4517	Hex.Socket Set Screw(M5*L5)	4
M4037	14065AD-UK01	Motor Fixing Shaft (A)	4
M4038	15053SC-4119	Plus Screw (M5*L30)	4
M4039	14067AD-UK01	Motor Fixing Shaft (B)	2
M4040	15055SC-4119	Plus Screw (M5*L35)	2

Ref. No	Part No.	Part Names	Q'ty
M4041	14069AD-UK01	Motor Block	2
M4042	08076SC-7113	Hex. Socket Bolt (M5*L12)	20
M4043	18048SW-3115	Spring Washer (@5)	20
M4044	14071BR-UK01	Bearing Bc616Zz	2
M4045	15061PR-UK01	Motor Space (@5*@11*2T)	8
M4046	16018SW-1111	Washer (@5)	8
M4047	14074PR-UK01	Motor Base (L)	1
M4048	14075PR-UK01	Motor Base (R)	1
M4049	03201200UH00	X-Moving Sensor Plate	1
M4050	02023SC-7113	Hex. Socket Bolt (M4*L8)	6
M4051	02028SW-9115	Spring Washer (@4)	6
M4052	05009SW-1111	Washer (@4-L)	6
M4053	15067PR-UK01	Sensor Plate	2
M4054	15043EL-UK01	X-Positioning Sensor	2
M4055	06010AF-8118	Plus Screw(M3*L4)	4
M4056	15087PR-UK02	Cable Plate For Bushing	1
M4057	03201300UH00	X-Cover (L=2931)	1
M4058	15042SC-3123	Truss Screw (M4*L6)	12
M4059	18153SC-3123	Plus Screw (M4*L10)	2
M4060	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)	1
M4061	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)	1
M4062	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
M4063	02028SW-9115	Spring Washer (@4)	8
M4064	05009SW-1111	Washer (@4-L)	8
M4065	15042SC-3123	Truss Screw (M4*L6)	4
M4066	02023SC-7113	Hex.Socket Bolt (M4*L8)	4
M4067	18014SW-3115	Spring Washer (@4-No2)	4
M4068	18015SW-3111	Washer (4@)	4
M4069	15104CW-UK01	Roller Stud Bolt	4
M4070	15130AF-A001	Roller Guide	4
M4071	15106BR-A001	Flange Bearing (1280Zz)	4
M4072	15107CW-UK01	Roller Collar	4
M4073	03022SC-4517	Hex. Socket Set Screw(M4*L5)	8
M4074	18048SW-3115	Spring Washer (5@)	4
M4075	04032SN-A001	Hex. Nut (M8-No2)	2
M4076	22006SC-7113	Hex. Socket Bolt (M3*L8)	2
M4077	15044EL-T121	Bid (S)	2
M4078	02101000UH60	Cable (25-10)	1
M4079	25009EL-UK06	Cable (25-09)	1
M4080	25038EL-UK06	Cable (25-38)	1

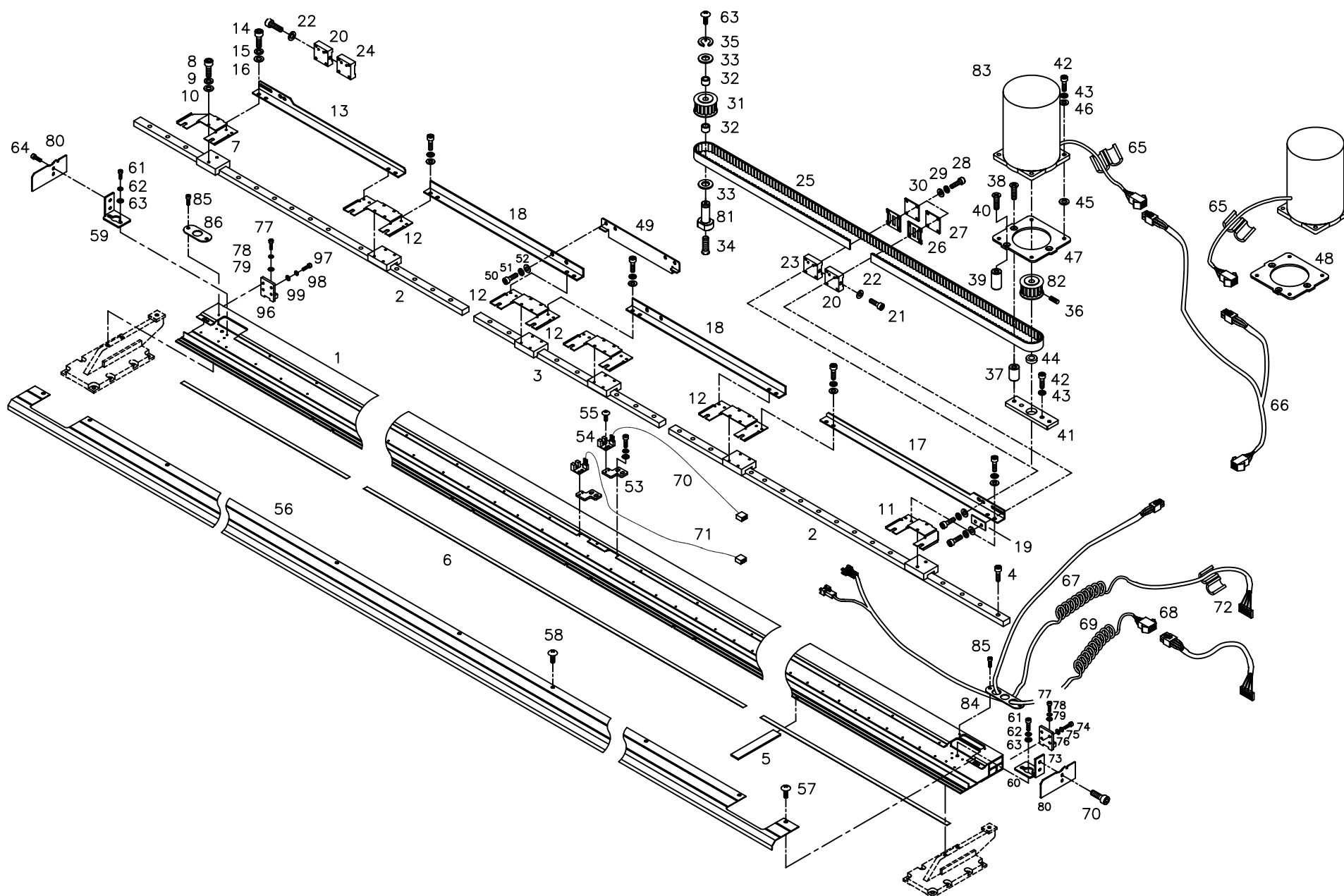
M4

X-Axis Drive System (UH1506C)



M5

X-Axis Drive System (UH1508)

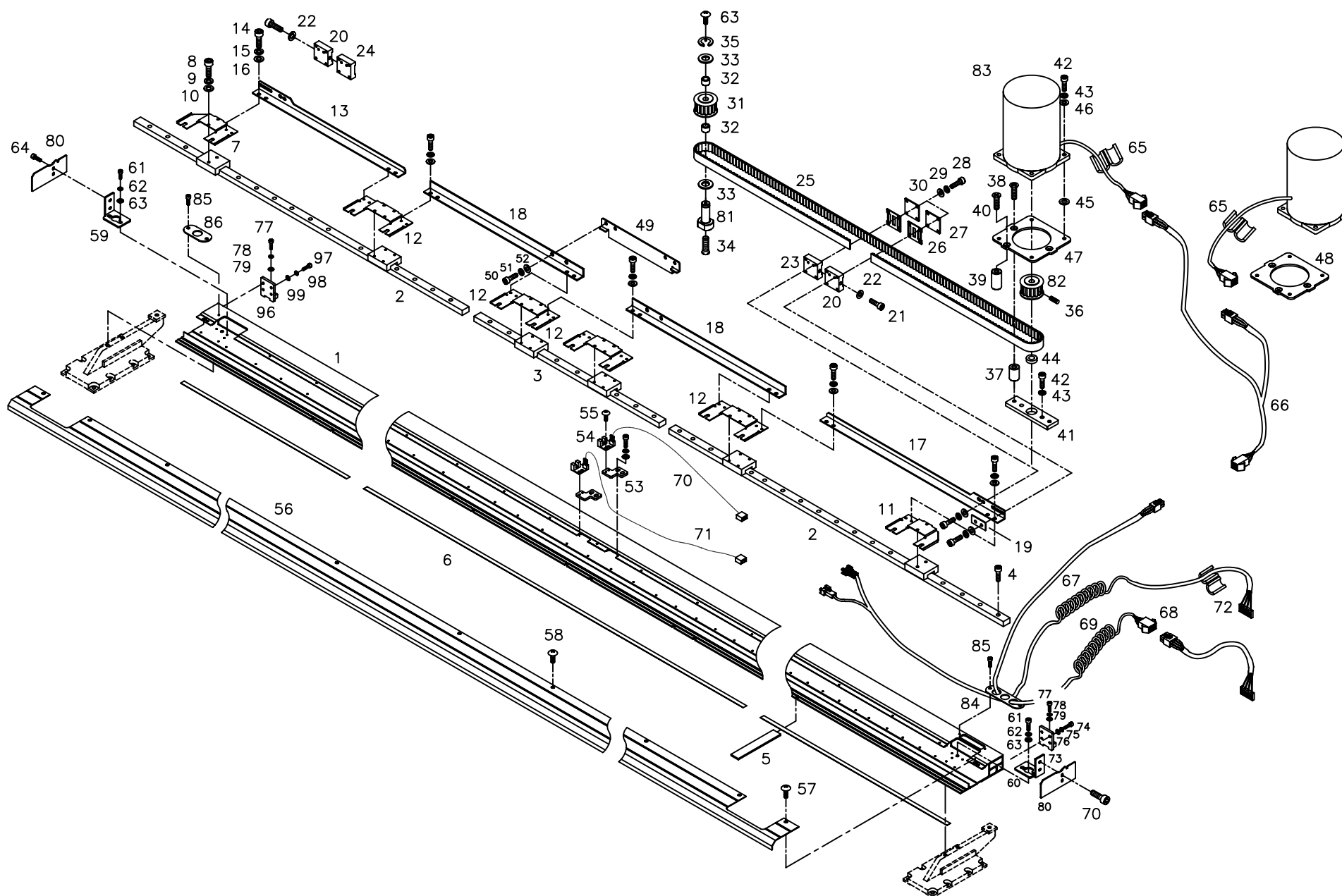


Ref.No	Part No.	Part Names	Q'ty
M5001	GP-005201-01	X-Lm Guide Frame L3861	1
M5002	03200500UH80	X-Axis L/M Guide "A"	2
M5003	03200500UK60	X-Axis L/M Guide 760L	1
M5004	22006SC-7113	Hex. Socket Bolt (M3*L8)	46
M5005	15062SF-T121	Felt	8
M5006	03200700UH80	Tubular Frame Rail Plate	1
M5007	15007PR-UK02	Connecting Plate(L)	1
M5008	02015SC-7113	Hex.Socket Bolt(M4*L10)	8
M5009	02028SW-9115	Spring Washer (@4)	8
M5010	02063SW-1111	Washer(@4)	8
M5011	15011PR-UK02	Connecting Plate(R)	1
M5012	15015PR-UK02	Connecting Plate	4
M5013	03200800UH80	L/M Block Connecting Plate (L)	1
M5014	02023SC-7113	Hex. Socket Bolt (M4*L8)	16
M5015	02028SW-9115	Spring Washer (@4)	16
M5016	05009SW-1111	Washer (@4-L)	16
M5017	03200900UH80	L/M Block Connecting Plate (R)	1
M5018	03201000UH80	L/M Block Connecting Plate	2
M5019	14020PR-UK01	Space	2
M5020	14045AD-UK01	Belt Bracket (B)	2
M5021	15034SC-4113	Hex. Socket Boit (M4*L45)	2
M5022	05009SW-1111	Washer (@4-L)	2
M5023	14049AD-UK01	Belt Bracket (C)	1
M5024	14048AD-UK01	Belt Bracket (A)	1
M5025	03201100UH80	X-Timming Belt (L=1420)	2
M5026	14051PR-UK01	Fixing Plate	4
M5027	14052PR-UK01	Fixing Plate Holder	4
M5028	03071SC-A001	Hex.Scoket Bolt (M3*L15)	16
M5029	11019SW-9115	Spring Washer (3@)	16
M5030	08011SW-1111	Spring Washer (@3-S)	16
M5031	12017PU-T121	Timing Pulley16At5-015-Af-Ae	2
M5032	12018BR-T121	Timing Pulley Baring 6901	4
M5033	12019BR-T121	Fiber Washer R-Tw1020	4
M5034	15048SC-4119	Plus Screw (M5*L12)	2
M5035	08044SR-4013	E-Ring (@8)	2
M5036	04014SC-4517	Hex.Socket Set Screw(M5*L5)	4
M5037	14065AD-UK01	Motor Fixing Shaft (A)	4
M5038	15053SC-4119	Plus Screw (M5*L30)	4
M5039	14067AD-UK01	Motor Fixing Shaft (B)	2
M5040	15055SC-4119	Plus Screw (M5*L35)	2

Ref. No	Part No.	Part Names	Q'ty
M5041	03201600UH80	Motor Block	2
M5042	08076SC-7113	Hex. Socket Bolt (M5*L12)	20
M5043	18048SW-3115	Spring Washer (@5)	20
M5044	14071BR-UK01	Bearing Bc616Zz	2
M5045	15061PR-UK01	Motor Space (@5*@11*2T)	8
M5046	16018SW-1111	Washer (@5)	8
M5047	14074PR-UK01	Motor Base (L)	1
M5048	14075PR-UK01	Motor Base (R)	1
M5049	03201200UH00	X-Moving Sensor Plate	1
M5050	02023SC-7113	Hex. Socket Bolt (M4*L8)	6
M5051	02028SW-9115	Spring Washer (@4)	6
M5052	05009SW-1111	Washer (@4-L)	6
M5053	15067PR-UK01	Sensor Plate	2
M5054	15043EL-UK01	X-Positioning Sensor	2
M5055	06010AF-8118	Plus Screw(M3*L4)	4
M5056	03201300UH80	X-Cover (L=3845.6)	1
M5057	15042SC-3123	Truss Screw (M4*L6)	12
M5058	18153SC-3123	Plus Screw (M4*L10)	2
M5059	03201400UH80	X-Frame Side Cover Holder (L)	1
M5060	03201500UH80	X-Frame Side Cover Holder (R)	1
M5061	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
M5062	02028SW-9115	Spring Washer (@4)	8
M5063	05009SW-1111	Washer (@4-L)	8
M5064	15042SC-3123	Truss Screw (M4*L6)	4
M5065	15044EL-T121	Bid (S)	2
M5066	02101500UH80	Cable (Sh-15-5)	1
M5067	25009EL-UK06	Cable (25-09)	1
M5068	25038EL-UK06	Cable (25-38)	1
M5069	25041EL-UK01	X Original In (4Ht-41)	1
M5070	02104800UH60	Last-Sensor (Black) 4Ht-48	1
M5071	02104900UH60	Last-Sensor (White) 4Ht-49	1
M5072	15045EL-UK01	Bid (L)	1
M5073	03101500UH00	Bracket For X-Y Sub Connector	2
M5074	02023SC-7113	Hex.Socket Bolt (M4*L8)	8
M5075	18015SW-3111	Washer (4@)	8
M5076	18014SW-3115	Spring Washer (@4-No2)	8
M5077	02015SC-7113	Hex.Socket Bolt(M4*L10)	2
M5078	18015SW-3111	Washer (4@)	2
M5079	18014SW-3115	Spring Washer (@4-No2)	2
M5080	03000200UH80	X-Axis Frame Side Cover	2

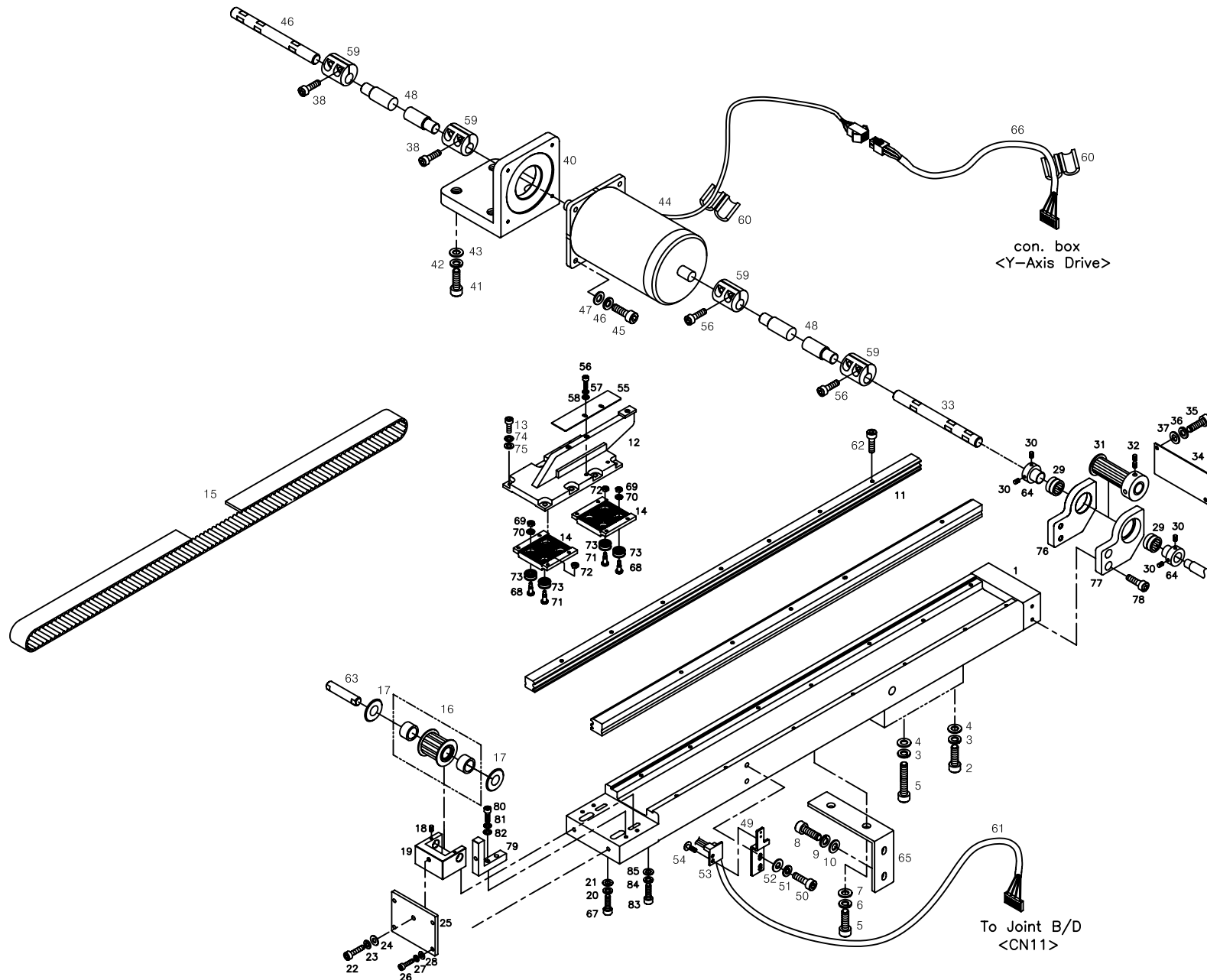
M5

X-Axis Drive System (UH1508)



N1

Y-Axis Drive Set (UK1202)

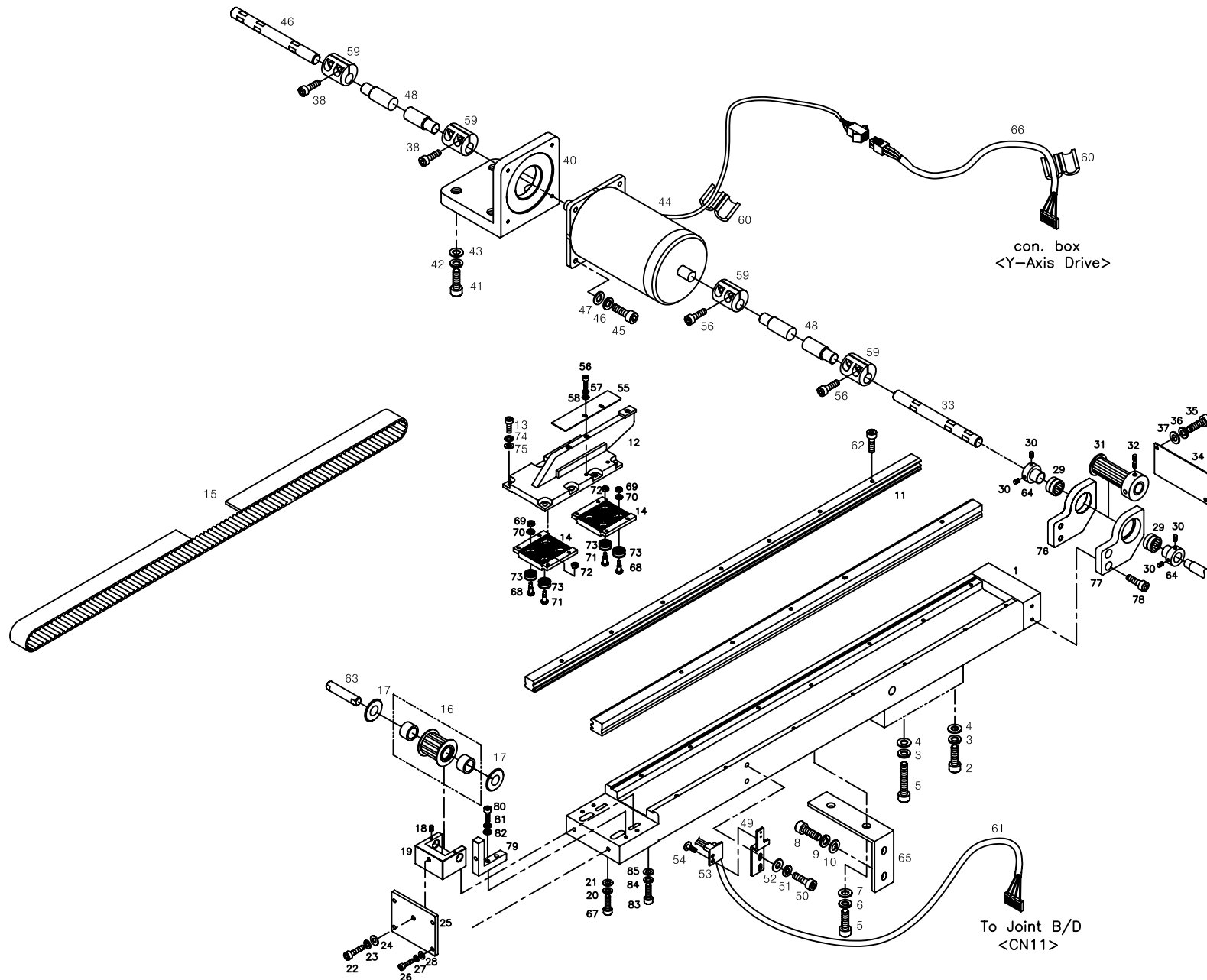


Ref.No	Part No.	Part Names	Q'ty
N1001	GP-004930-01	X-Cam Roller Guide Rail Frame	1
N1002	15017SC-4113	Hex. Socket Bolt (M8*L45)	4
N1003	04029SW-A001	Stud Bolt Washer(S) (@8)	8
N1004	15020SC-4113	Hex,Socket Bolt (M8*L50)	4
N1005	14002SC-7113	Hex.Socket Bolt (M6*L15)	4
N1006	16014SW-4115	Spring Washer (@6)	4
N1007	08057SW-1111	Washer (@6)	4
N1008	03016SC-4113	Hex. Socket Bolt (M5*L15)	8
N1009	18048SW-3115	Spring Washer (@5)	8
N1010	16018SW-1111	Washer (@5)	8
N1011	03100100UH01	Cam Roller Guide Rail (L=590)	2
N1012	14014SC-7113	Hex.Socket Set Screw(M5*L8)	4
N1013	GP-005021-00	X-Y Connecting Bracket	1
N1014	02015SC-7113	Hex. Socket Bolt (M4*L20)	16
N1015	16104CL-H001	Timing Belt Fixing Plate (Y)	2
N1016	16019BT-UK01	Y-Drive Timing Belt (25*AT5*L1314)	2
N1017	12018BR-T121	Neddle Bearing Hk1010(Ina)	4
	15001PU-UK01	Timing Pulley "A"	2
N1018	12019BR-T121	Fiber Washer R-Tw1020	4
N1019	08007SC-4517	Hex. Socket Set Screw (M3*L5)	4
N1020	03100500UH00	Y-Tension Adjusting Bracket	2
N1021	16014SW-4115	Spring Washer (@6)	4
N1022	08057SW-1111	Washer (@6)	4
N1023	16028SC-7113	Hex. Socket Bolt (M5*L25)	2
N1024	18048SW-3115	Spring Washer (@5)	2
N1025	16018SW-1111	Washer (@5)	2
N1026	03100600UH00	Tension Adjust Plate	2
N1027	07016SC-7113	Hex.Socket Bolt (M4*L12)	6
N1028	02028SW-9115	Spring Washer (@4)	6
N1029	05009SW-1111	Washer (@4-L)	6
N1030	13026BR-T121	Needle Bearing (6002Z)	4
N1031	04012AF-A001	Hook Shaft Bush Screw	8
N1032	04001000U000	Timming Pulley	2
N1033	04014SC-4517	Hex.Socket Set Screw(M5*L5)	8
N1034	15049SH-UK01	Y-Shaft "A"	2
N1035	03101100UH00	Y-Bearing Bracket Cover	2
N1036	07035SC-7113	Hex. Socket Bolt (M3*L6)	4
N1037	11019SW-9115	Spring Washer (@3)	4
N1038	06011SW-2111	Washer (@3)	4
N1039	03016SC-4113	Hex. Socket Bolt (M5*L15)	8

Ref. No	Part No.	Part Names	Q'ty
N1040	15057CS-UK01	Motor Bracket (Y)	2
N1041	03002SC-4113	Hex. Socket Bolt (M8*L32)	8
N1042	15095SW-3115	Spring Washer (@8)	8
N1043	08041SW-1111	Washer (@8-S)	8
N1044	16055MT-UK06	Pulse Motor	1
N1045	08062SC-7113	Hex. Socket Bolt (M5*L20)	8
N1046	18048SW-3115	Spring Washer (@5)	8
N1047	16018SW-1111	Washer (@5)	8
N1048	GP-008141-00	Y-Driving Shaft L604	2
N1049	03101300UH00	Sensor Bracket	1
N1050	02015SC-7113	Hex.Socket Bolt(M4*L10)	1
N1051	02028SW-9115	Spring Washer (@4)	2
N1052	05009SW-1111	Washer (@4-L)	2
N1053	16062EL-UK01	Y Positioning Sensor	1
N1054	08006SC-8118	Plus Screw (M3*L5)	2
N1055	03101400UH00	Plate for Y-Sensing	1
N1056	22006SC-7113	Hex. Socket Bolt (M3*L8)	2
N1057	11019SW-9115	Spring Washer (3@)	2
N1058	08011SW-1111	Spring Washer (@3-S)	2
N1059	03005100U000	Coupling "A"	4
N1060	15045EL-UK01	Bid (L)	2
N1061	25054EL-UK01	Cable (25-54)	1
N1062	03071SC-A001	Hex.Socket Bolt (M3*L15)	30
N1063	03004200U000	Timing Pulley Pin (Y)	2
N1064	03002700T000	Bearing Collar	4
N1065	16074PR-UK06	Y-Lm Support Fixing Plate	2
N1066	02101700U020	Cable (Sh-17-1)	1
N1067	08062SC-7113	HEX. SOCKET BOLT (M5*L20)	4
N1068	15002CW-B001	Cam Roller Stud (A)	4
N1069	150029SN-3211	Hex. Nut (M4-No2)	4
N1070	02028SW-9115	Spring Washer (@4)	4
N1071	15003CW-B001	Cam Roller Stud (B)	4
N1072	12010SN-1211	Hex.Nut (M5)	4
N1073	15001BR-B001	Cam Roller Bearing	8
N1074	18014SW-3115	Spring Washer (@4)	8
N1075	18015SW-3111	Washer (@4)	8
N1076	03100900UH00	Y-Bearing Bracket (L)	1
N1077	03101000UH00	Y-Bearing Bracket (R)	1
N1078	16059SC-7113	Hex. Socket Bolt (M6*L12)	4
N1079	03100700UH00	Fixed Block	2

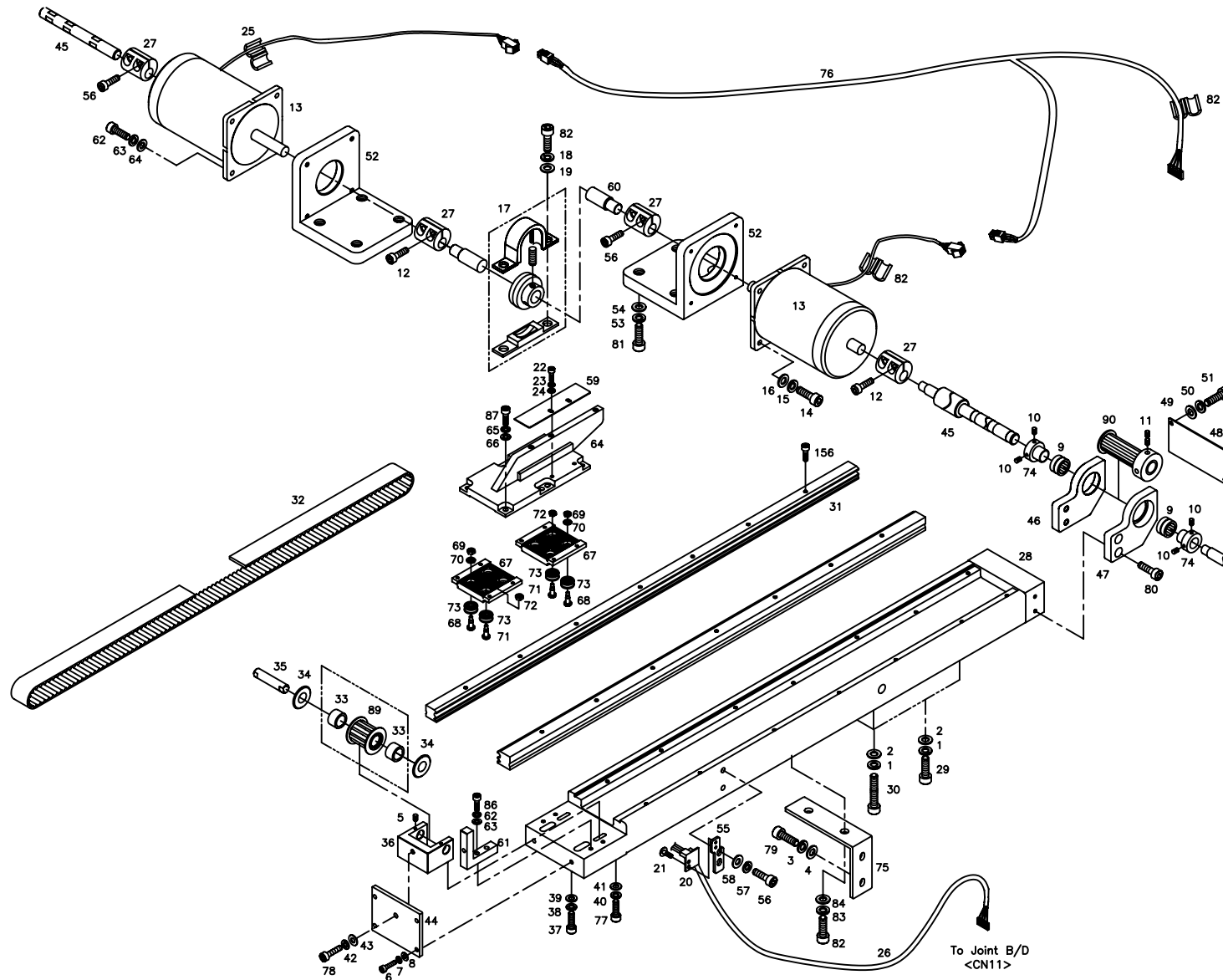
N1

Y-Axis Drive Set (UK1202)



N2

Y-Axis Drive Set (UK1204)

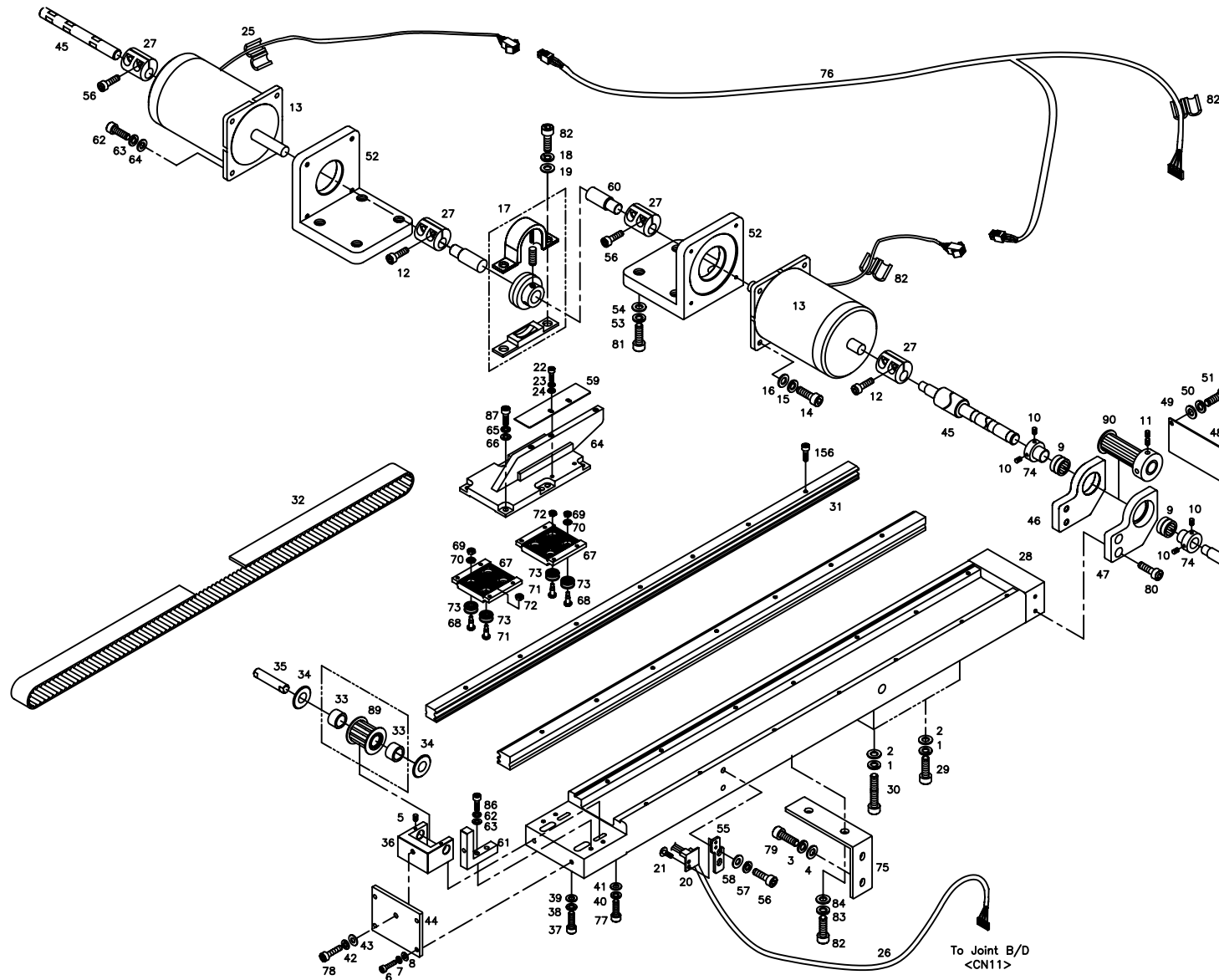


Ref.No	Part No.	Part Names	Q'ty
N2001	15095SW-3115	Spring Washer (@8)	8
N2002	04029SW-A001	Stud Bolt Washer(S) (@8)	8
N2003	18048SW-3115	Spring Washer (@5)	4
N2004	16018SW-1111	Washer (@5)	4
N2005	08007SC-4517	Hex. Socket Set Screw (M3*L5)	4
N2006	07016SC-7113	Hex.Socket Bolt (M4*L12)	6
N2007	02028SW-9115	Spring Washer (@4)	6
N2008	05009SW-1111	Washer (@4-L)	6
N2009	13026BR-T121	Needle Bearing (6002Z)	4
N2010	04012AF-A001	Hook Shaft Bush Screw	8
N2011	04014SC-4517	Hex.Socket Set Screw(M5*L5)	8
N2012	03016SC-4113	Hex. Socket Bolt (M5*L15)	8
N2013	16055AF-UK01	Y Motor (103H8222-5013)	2
N2014	08062SC-7113	Hex. Socket Bolt (M5*L20)	8
N2015	18048SW-3115	Spring Washer (@5)	8
N2016	16018SW-1111	Washer (@5)	8
N2017	16078BR-UK01	Pillow Block Set	1
N2018	16014SW-4115	Spring Washer (@6)	2
N2019	08057SW-1111	Washer (@6)	2
N2020	09018EL-UK01	Y-Positioning Sensor	1
N2021	08006SC-8118	Plus Screw (M3*L5)	2
N2022	22006SC-7113	Hex. Socket Bolt (M3*L8)	2
N2023	11019SW-9115	Spring Washer (3@)	2
N2024	08011SW-1111	Spring Washer (@3-S)	2
N2025	15045EL-UK01	Bid (L)	3
N2026	25045EL-UK01	Joint - Io B/D 40P	1
N2027	03005100U000	Coupling "A"	4
N2028	03100200UH01	Y-Lm Guide Frame (L650)	2
N2029	14027SC-4113	Hex.Socket Bolt (M8*L30)	4
N2030	03003SC-4113	Hex. Socket Bolt "B"(M8*L35)	4
N2031	03100100UH01	Cam Roller Guide Rail (L590)	4
N2032	03100400UH01	Y-Driving Timing Belt (L1250)	2
N2033	15042BR-A001	Needle Bearing (1210Zz)	4
N2034	15046RB-A001	Driving Pin Washer (Tw1225)	4
N2035	16100CW-UK06	Timing Pulley Shaft (Y)	2
N2036	03100500UH00	Y-Tension Adjusting Bracket	2
N2037	08062SC-7113	Hex. Socket Bolt (M5*L20)	4
N2038	18048SW-3115	Spring Washer (5@)	4
N2039	18049SW-3111	Washer (@5)	4
N2040	18014SW-3115	Spring Washer (@4-No2)	2

Ref. No	Part No.	Part Names	Q'ty
N2041	18015SW-3111	Washer (4@)	2
N2042	18048SW-3115	Spring Washer (5@)	2
N2043	18049SW-3111	Washer (@5)	2
N2044	03100600UH00	Tension Adjusting Plate	2
N2045	03100800UH60	Y-Driving Shaft "A"	2
N2046	03100900UH00	Y-Bearing Bracket (L)	2
N2047	03101000UH00	Y-Bearing Bracket (R)	2
N2048	03101100UH00	Y-Bearing Bracket Cover	2
N2049	06011SW-2111	WASHER (@3)	4
N2050	11019SW-9115	Spring Washer (3@)	4
N2051	07035SC-7113	Bracket Screw (M3*L6)	4
N2052	16056CA-UK06	Y-Driving Motor Bracket	2
N2053	15095SW-3115	Spring Washer (@8)	8
N2054	04029SW-A001	Stud Bolt Washer(S) (@8)	8
N2055	03101300UH00	Sensor Bracket	1
N2056	02015SC-7113	Hex.Socket Bolt(M4*L10)	2
N2057	18014SW-3115	Spring Washer (@4-No2)	2
N2058	18015SW-3111	Washer (4@)	2
N2059	03101400UH00	Plate For Y-Sensing	1
N2060	03101200UK40	Y-Driving Shaft "B" (L=2095)	1
N2061	03100700UH00	Fixed Block	4
N2062	18014SW-3115	Spring Washer (@4-No2)	4
N2063	18015SW-3111	Washer (4@)	4
N2064	GP-005614-00	BRACKER FOR X-Y CONNECTING	2
N2065	18014SW-3115	Spring Washer (@4-No2)	16
N2066	18015SW-3111	Washer (4@)	16
N2067	16104CL-H001	Belt Catcher Plate (Y)	4
N2068	15002CW-B001	Cam Roller Stud (A)	8
N2069	15029SN-3211	Hex. Nut (M4-No2)	8
N2070	02028SW-9115	Spring Washer (@4)	8
N2071	15003CW-B001	Cam Roller Stud (B)	8
N2072	12010SN-1211	Hex.Nut (M5)	8
N2073	15001BR-B001	Cam Roller Bearing	16
N2074	03002700T000	Bearing Collar	4
N2075	16074PR-UK06	Y-Lm Support Fixing Plate	2
N2076	02101700U040	Cable (Sh-17-2)	1
N2077	11029SC-4113	HEX. SOCKET BOLT (M4*L20)	2
N2078	16028SC-7113	HEX. SOCKET BOLT (M5*L25)	2
N2079	08076SC-7113	HEX. SOCKET BOLT (M5*L12)	4
N2080	16059SC-7113	HEX.SOCKET BOLT (M6*L12)	8

N2

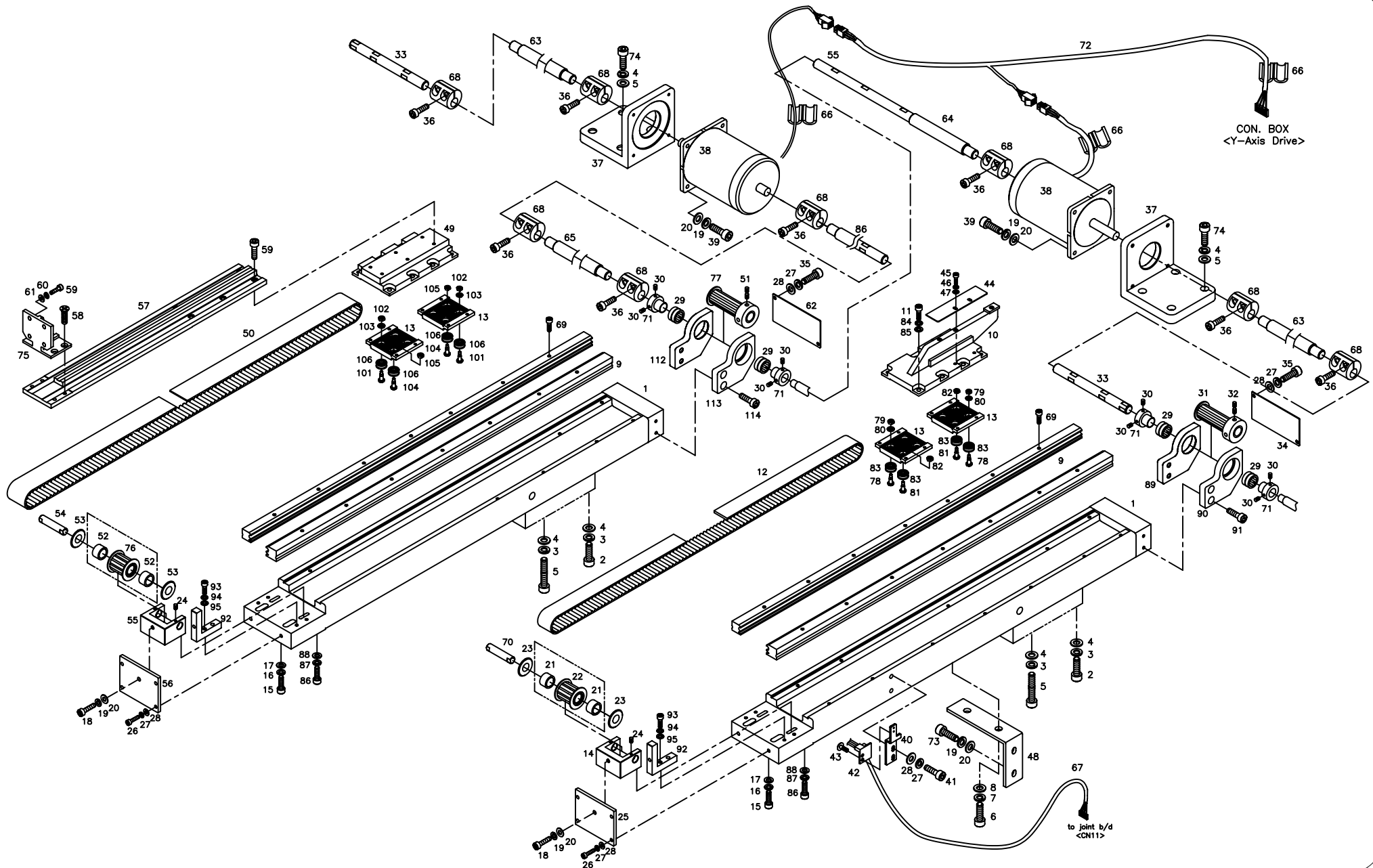
Y-Axis Drive Set (UK1204)



N3

Y-Axis Drive Set (UK1206)

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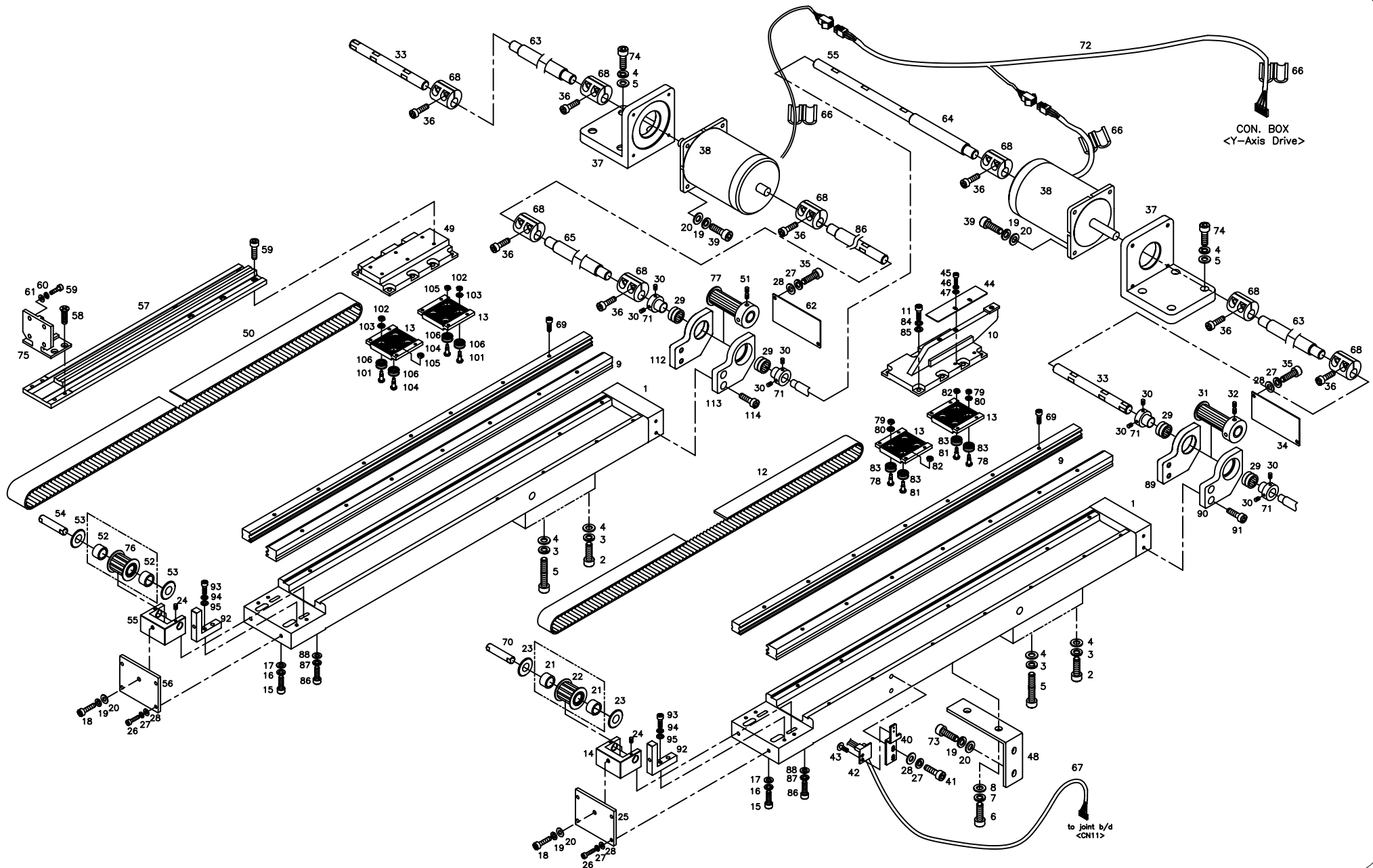


Ref.No	Part No.	Part Names	Q'ty
N3001	03100200UH81	Y-Lm Guide Support "A" (L)	1
N3002	15017SC-4113	Hex. Socket Bolt (M8*L45)	16
N3003	15095SW-3115	Spring Washer (@8)	44
N3004	04029SW-A001	Stud Bolt Washer(S) (@8)	60
N3005	15020SC-4113	Hex,Socket Bolt (M8*L50)	4
N3006	14002SC-7113	Hex.Socket Bolt (M6*L15)	4
N3007	16014SW-4115	Spring Washer (@6)	4
N3008	08057SW-1111	Washer (@6)	12
N3009	03100100UH01	Y-Lm Guide Ass'Y	2
N3010	GP-005021-00	X-Y Connecting Bracket	2
N3011	02015SC-7113	Hex.Socket Bolt(M4*L10)	16
N3012	16019BT-UK06	Y-Drive Timing Belt (25*AT5*1314)	2
N3013	16104CL-H001	Belt Catcher Plate(Y)	4
N3014	03100500UH00	Y-Tension Adjusting Bracket	2
N3015	08091SC-7113	Hex. Socket Bolt (M6*L20)	4
N3016	16014SW-4115	Spring Washer (@6)	4
N3017	08057SW-1111	Washer (@6)	4
N3018	16028SC-7113	Hex. Socket Bolt (M5*L25)	4
N3019	18048SW-3115	Spring Washer (@5)	52
N3020	16018SW-1111	Washer (@5)	52
N3021	12018BR-T121	Neddle Bearing Hk1010(Ina)	4
N3022	04500100U000	Timing Pulley "A"	2
N3023	12019BR-T121	Fiber Washer R-Tw1020	4
N3024	08007SC-4517	Hex. Socket Set Screw (M3*L5)	8
N3025	03100600UH00	Tension Adjusting Plate	2
N3026	07016SC-7113	Hex.Socket Bolt (M4*L12)	6
N3027	02028SW-9115	Spring Washer (@4)	22
N3028	05009SW-1111	Washer (@4-L)	22
N3029	13026BR-T121	Needle Bearing (6002Z)	8
N3030	04012AF-A001	Hook Shaft Bush Screw	16
N3031	04001000U000	Timing Pulley "B"	2
N3032	04014SC-4517	Hex.Socket Set Screw(M5*L5)	8
N3033	03100800UH60	Y-Driving Shaft "A" L=160	1
N3034	03101100UH00	Y-Bearing Bracket Cover	2
N3035	02023SC-7113	Hex. Socket Bolt (M4*L8)	8
N3036	03016SC-4113	Hex. Socket Bolt (M5*L15)	20
N3037	16056CA-UK06	Y-Driving Motor Bracket	2
N3038	16055MT-UK06	Pulse Motor	2
N3039	08062SC-7113	Hex. Socket Bolt (M5*L20)	12
N3040	03101300UH00	Sensor Bracket	1

Ref. No	Part No.	Part Names	Q'ty
N3041	02015SC-7113	Hex.Socket Bolt (M4*L10)	24
N3042	09018EL-UK01	Y-Positioning Sensor	1
N3043	08006SC-8118	Plus Screw (M3*L5)	2
N3044	03101400UH00	Sensing Plate (Y)	1
N3045	22006SC-7113	Hex. Socket Bolt (M3*L8)	2
N3046	11019SW-9115	Spring Washer (3@)	2
N3047	08011SW-1111	Spring Washer (@3-S)	2
N3048	16074PR-UK06	Y-Lm Support Fixing Plate	2
N3049	03100300UH80	Bracket For Y-Sensing	2
N3050	16093BT-UK06	Y-Drive Timing Belt "B"(L=1295)	2
N3051	14060AF-4517	Hex.Socket Screw(M6*L6)	8
N3052	15042BR-A001	Needle Bearing (1210Zz)	4
N3053	15046RB-A001	Driving Pin Washer (Tw1225)	4
N3054	16100CW-UK06	Timing Pulley Shaft (Y)	2
N3055	03100500UH00	Y-Tension Adjusting Bracket	2
N3056	03100900UH80	Tension Adjusting Plate (B)	2
N3057	03100400UH80	X-Drive Connecting Plate	2
N3058	02002SC-7119	Pluss Screw (M4*L8)	8
N3059	18013AF-7113	Hex. Socket Bolt (M4*L10)	20
N3060	18014SW-3115	Spring Washer (@4-No2)	8
N3061	18015SW-3111	Washer (4@)	8
N3062	16122PR-UK06	Y-Lm Guide Support Cover (B)	2
N3063	23008SH-UK06	Y Driving Shaft "B" L=689.5	2
N3064	23009SH-UK06	Y Driving Shaft "C" L=322	2
N3065	GP-008151-00	Y Driving Shaft "D" L=978	1
N3066	15045EL-UK01	Bid (L)	3
N3067	25054EL-UK01	Cable (25-54)	1
N3068	03005100U000	Coupling "A"	8
N3069	03071SC-A001	Hex.Scoket Bolt (M3*L15)	30
N3070	03004200U000	Timing Pulley Pin (Y)	2
N3071	03002700T000	Bearing Collar	8
N3072	02101700U060	Cable (Sh-17-3)	1
N3073	08076SC-7113	HEX. SOCKET BOLT (M5*L12)	4
N3074	14027SC-4113	HEX.SOCKET BOLT (M8*L30)	8
N3075	03101600UH80	X-FRAME HOLDER	2
N3076	04500100U000	TIMING PULLEY(16-S5M-32F)	1
N3077	04001000U000	TIMING PULLEY(16-S5M-32F)	1
N3078	15002CW-B001	Cam Roller Stud (A)	8
N3079	15029SN-3211	Hex. Nut (M4-No2)	8
N3080	02028SW-9115	Spring Washer (@4)	8

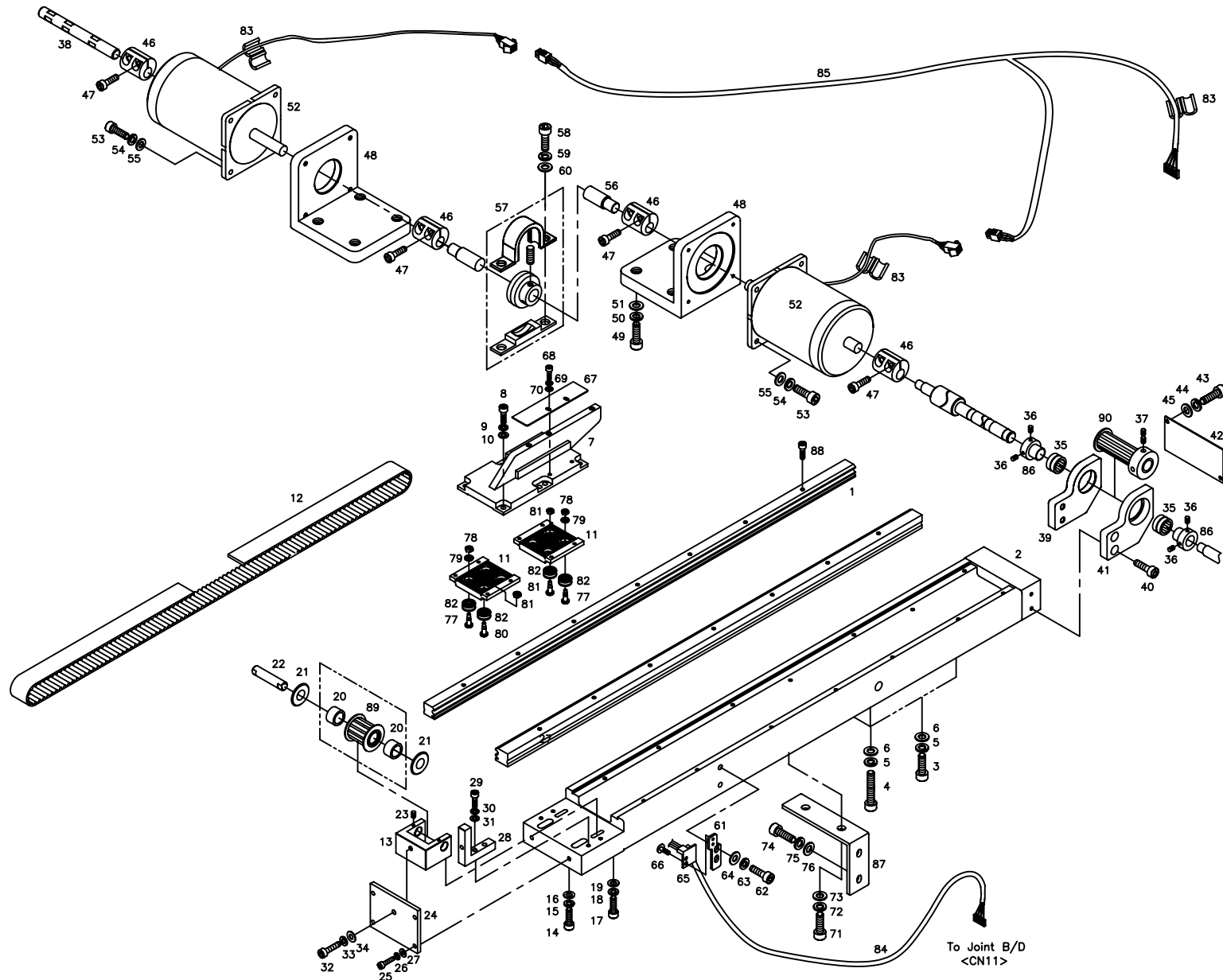
N3

Y-Axis Drive Set (UK1206)



N4

Y-Axis Drive System (UH1506C)

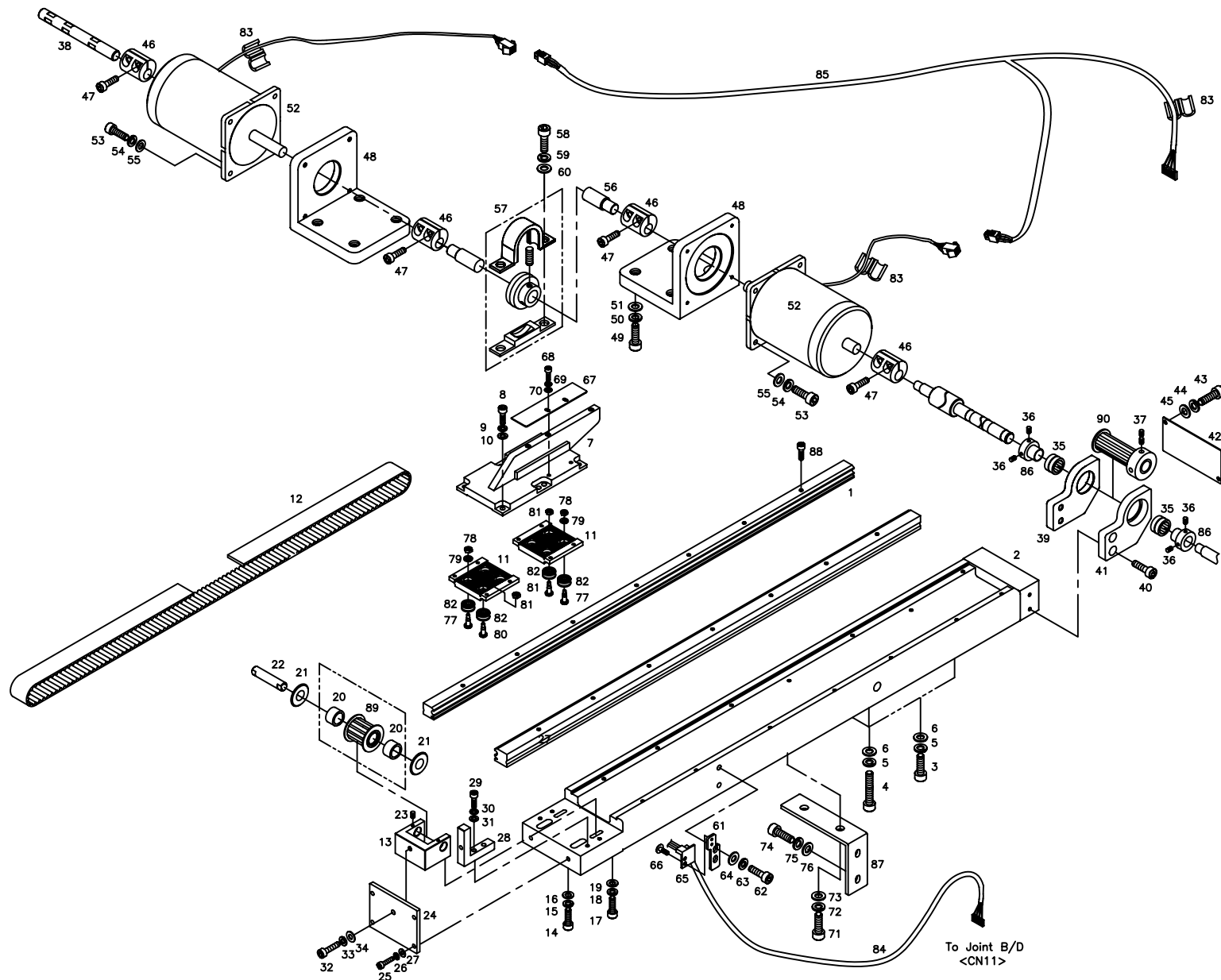


Ref.No	Part No.	Part Names	Q'ty
N4001	03100100UH01	Cam Roller Guide Rail (L590)	4
N4002	03100200UH01	Y-Lm Guide Frame (L650)	2
N4003	14027SC-4113	Hex.Socket Bolt (M8*L30)	4
N4004	03003SC-4113	Hex. Socket Bolt "B" (M8*L35)	4
N4005	15095SW-3115	Spring Washer (@8)	8
N4006	04029SW-A001	Stud Bolt Washer(S) (@8)	8
N4007	GP-005614-00	BRACKER FOR X-Y CONNECTING	2
N4008	07016SC-7113	Hex.Socket Bolt (M4*L12)	16
N4009	18014SW-3115	Spring Washer (@4-No2)	16
N4010	18015SW-3111	Washer (4@)	16
N4011	16104CL-H001	Belt Catcher Plate (Y)	4
N4012	03100400UH01	Y-Driving Timing Belt (L1250)	2
N4013	03100500UH00	Y-Tension Adjusting Bracket	2
N4014	08062SC-7113	Hex. Socket Bolt (M5*L20)	4
N4015	18048SW-3115	Spring Washer (5@)	4
N4016	18049SW-3111	Washer (@5)	4
N4017	05008SC-4113	Hex.Socket Bolt (M4*L16)	2
N4018	18014SW-3115	Spring Washer (@4-No2)	2
N4019	18015SW-3111	Washer (4@)	2
N4020	15042BR-A001	Needle Bearing (1210Zz)	4
N4021	15046RB-A001	Driving Pin Washer (Tw1225)	4
N4022	16100CW-UK06	Timing Pulley Shaft (Y)	2
N4023	08007SC-4517	Hex. Socket Set Screw (M3*L5)	4
N4024	03100600UH00	Tension Adjusting Plate	2
N4025	07016SC-7113	Hex.Socket Bolt (M4*L12)	8
N4026	02028SW-9115	Spring Washer (@4)	8
N4027	05009SW-1111	Washer (@4-L)	8
N4028	03100700UH00	Fixed Block	4
N4029	07016SC-7113	Hex.Socket Bolt (M4*L12)	4
N4030	18014SW-3115	Spring Washer (@4-No2)	4
N4031	18015SW-3111	Washer (4@)	4
N4032	15030SC-7113	Hex. Socket Bolt (M5*L30)	2
N4033	18048SW-3115	Spring Washer (5@)	2
N4034	18049SW-3111	Washer (@5)	2
N4035	13026BR-T121	Needle Bearing (6002Z)	4
N4036	04012AF-A001	Hook Shaft Bush Screw	8
N4037	04014SC-4517	Hex.Socket Set Screw(M5*L5)	8
N4038	03100800UH60	Y-Driving Shaft "A"	2
N4039	03100900UH00	Y-Bearing Bracket (L)	2
N4040	08091SC-7113	Hex. Socket Bolt (M6*L20)	8

Ref. No	Part No.	Part Names	Q'ty
N4041	03101000UH00	Y-Bearing Bracket (R)	2
N4042	03101100UH00	Y-Bearing Bracket Cover	2
N4043	07035SC-7113	Bracket Screw (M3*L6)	4
N4044	11019SW-9115	Spring Washer (3@)	4
N4045	08011SW-1111	Spring Washer (@3-S)	4
N4046	03005100U000	Coupling "A"	4
N4047	03016SC-4113	Hex. Socket Bolt (M5*L15)	8
N4048	16056CA-UK06	Y-Driving Motor Bracket	2
N4049	08087SC-7113	Hex. Socket Bolt (M8*L25)	8
N4050	15095SW-3115	Spring Washer (@8)	8
N4051	04029SW-A001	Stud Bolt Washer(S) (@8)	8
N4052	16055MT-UK06	Pulse Motor	2
N4053	08062SC-7113	Hex. Socket Bolt (M5*L20)	8
N4054	18048SW-3115	Spring Washer (@5)	8
N4055	16018SW-1111	Washer (@5)	8
N4056	03101200UH00	Y-Driving Shaft "B" (L=2325)	1
N4057	16078BR-UK01	Pillow Block Set	1
N4058	08091SC-7113	Hex. Socket Bolt (M6*L20)	2
N4059	16014SW-4115	Spring Washer (@6)	2
N4060	08057SW-1111	Washer (@6)	2
N4061	03101300UH00	Sensor Bracket	1
N4062	02015SC-7113	Hex.Socket Bolt(M4*L10)	2
N4063	18014SW-3115	Spring Washer (@4-No2)	2
N4064	18015SW-3111	Washer (4@)	2
N4065	10-003A-SC53	Positioning Sensor	1
N4066	08006SC-8118	Plus Screw (M3*L5)	2
N4067	03101400UH00	Plate For Y-Sensing	1
N4068	22006SC-7113	Hex. Socket Bolt (M3*L8)	2
N4069	11019SW-9115	Spring Washer (3@)	2
N4070	08011SW-1111	Spring Washer (@3-S)	2
N4071	14002SC-7113	Hex.Socket Bolt (M6*L15)	4
N4072	16014SW-4115	Spring Washer (@6)	4
N4073	08057SW-1111	Washer (@6)	4
N4074	03016SC-4113	Hex. Socket Bolt (M5*L15)	4
N4075	18048SW-3115	Spring Washer (@5)	4
N4076	16018SW-1111	Washer (@5)	4
N4077	15002CW-B001	Cam Roller Stud (A)	8
N4078	15029SN-3211	Hex. Nut (M4-No2)	8
N4079	02028SW-9115	Spring Washer (@4)	8
N4080	15003CW-B001	Cam Roller Stud (B)	8

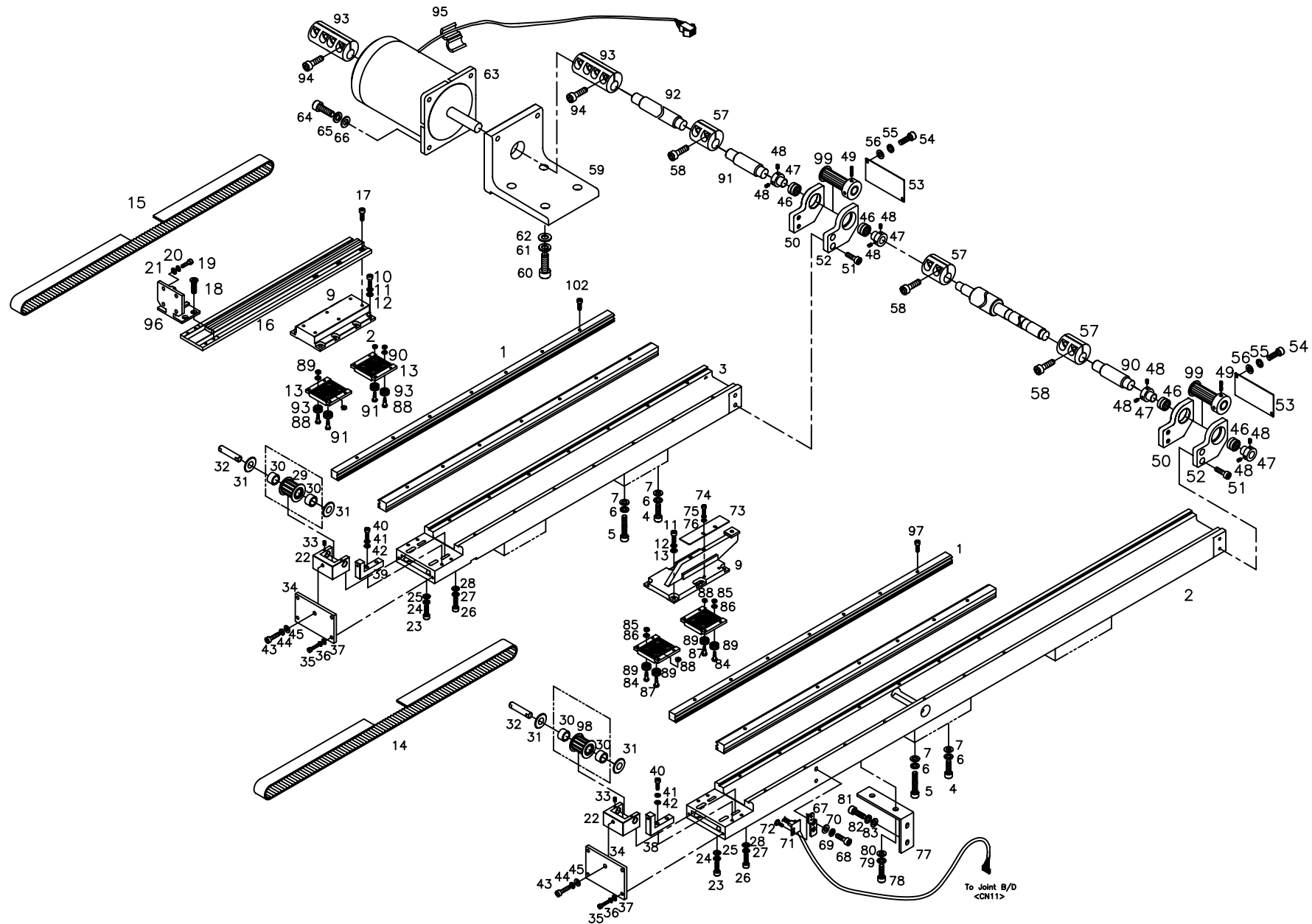
N4

Y-Axis Drive System (UH1506C)



N5

Y-Axis Drive System (UH1508)

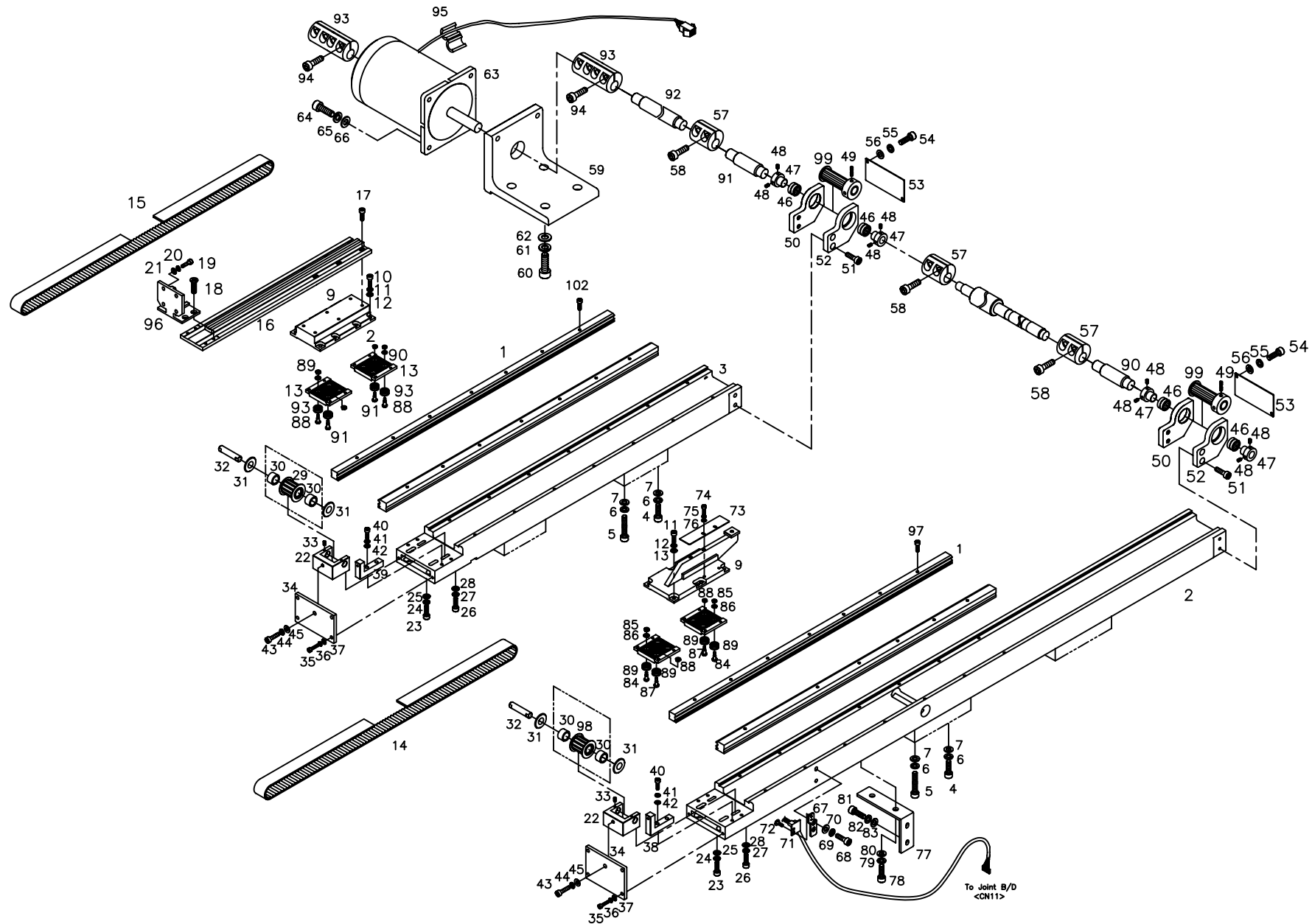


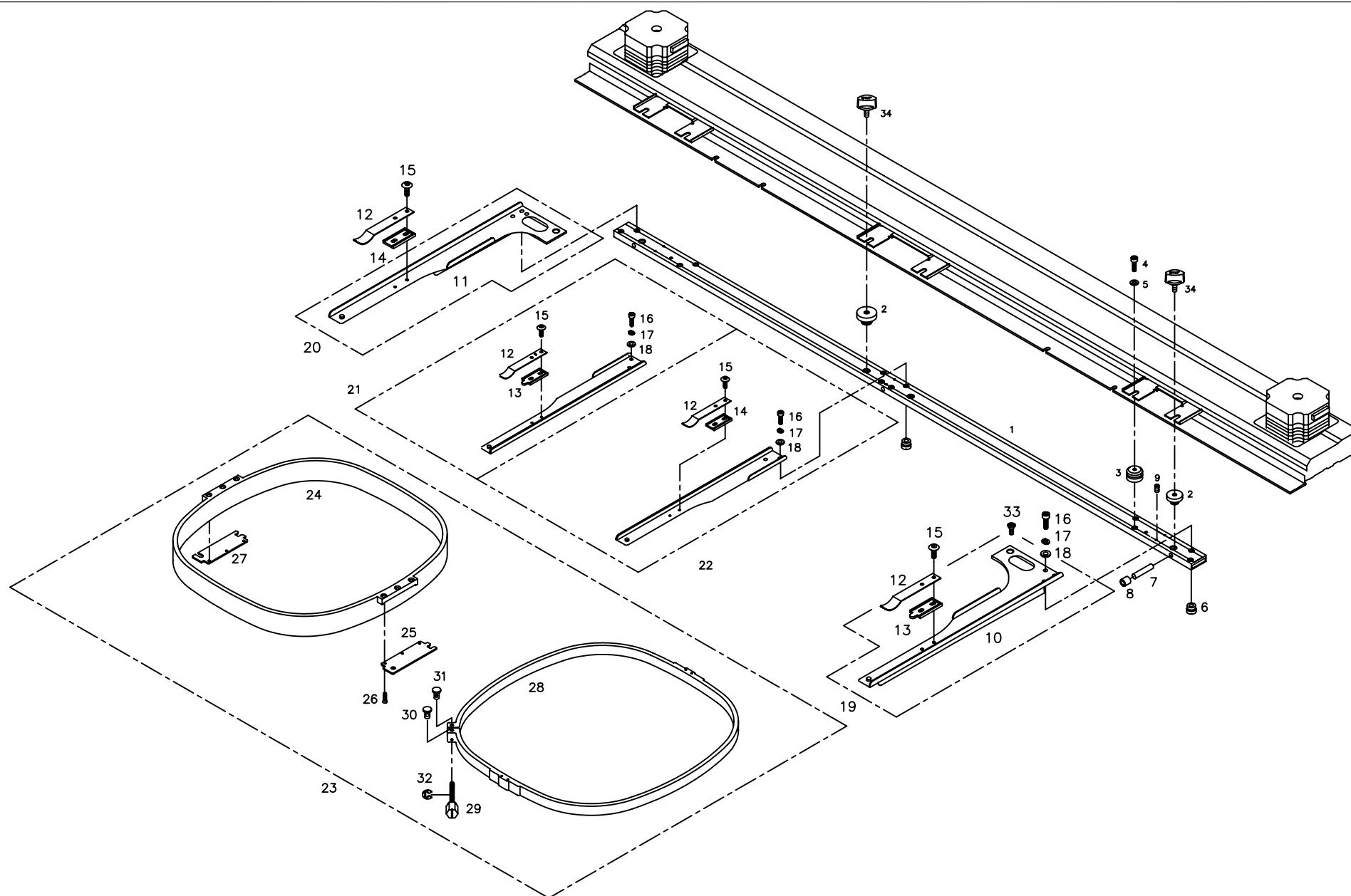
Ref.No	Part No.	Part Names	Q'ty
N5001	03100100UH01	Cam Roller Guide Rail (L590)	8
N5002	03100200UH81	Y-Lm Guide Frame A L1070	2
N5003	03100300UH81	Y-Lm Guide Frame A L658	2
N5004	02033SC-4113	Hex. Socket Bolt	16
N5005	03003SC-4113	Hex. Socket Bolt "B"(M8*L35)	12
N5006	15095SW-3115	Spring Washer (@8)	28
N5007	04029SW-A001	Stud Bolt Washer(S) (@8)	28
N5008	GP-005021-00	X-Y CONNECT BRACKET	2
N5009	03100300UH80	Y-Driving Braket	2
N5010	07016SC-7113	Hex.Socket Bolt (M4*L12)	32
N5011	18014SW-3115	Spring Washer (@4-No2)	32
N5012	05009SW-1111	Washer (@4-L)	32
N5013	16104CL-H001	Belt Catcher Plate (Y)	8
N5014	03100400UH81	Y-Driving Timing Belt A L2160	2
N5015	03100500UH81	Y-Driving Timing Belt B L1340	2
N5016	03100400UH80	X-Driving Connecting Plate	2
N5017	02015SC-7113	Hex.Socket Bolt(M4*L10)	6
N5018	02002SC-7119	Pluss Screw (M4*L8)	8
N5019	02015SC-7113	Hex.Socket Bolt(M4*L10)	8
N5020	18014SW-3115	Spring Washer (@4-No2)	8
N5021	18015SW-3111	Washer (4@)	8
N5022	03100500UH00	Y-Tension Adjusting Bracket	4
N5023	08062SC-7113	Hex. Socket Bolt (M5*L20)	8
N5024	18048SW-3115	Spring Washer (@5)	8
N5025	16018SW-1111	Washer (@5)	8
N5026	03016SC-4113	Hex. Socket Bolt (M5*L15)	4
N5027	18014SW-3115	Spring Washer (@4-No2)	4
N5028	18015SW-3111	Washer (4@)	4
N5029	12018BR-T121	Neddle Bearing Hk1010(Ina)	8
N5030	12019BR-T121	Fiber Washer R-Tw1020	8
N5031	16100CW-UK06	Timing Pulley Shaft (Y)	4
N5032	08007SC-4517	Hex. Socket Set Screw (M3*L5)	8
N5033	03100600UH00	Tension Adjusting Plate	4
N5034	03100900UH80	Fixed Block B	4
N5035	07016SC-7113	Hex.Socket Bolt (M4*L12)	16
N5036	18014SW-3115	Spring Washer (@4-No2)	16
N5037	18015SW-3111	Washer (4@)	16
N5038	03100700UH00	Fixed Block	4
N5039	03100800UH80	Fixed Block A	4
N5040	11029SC-4113	Hex. Socket Bolt (M4*L20)	8

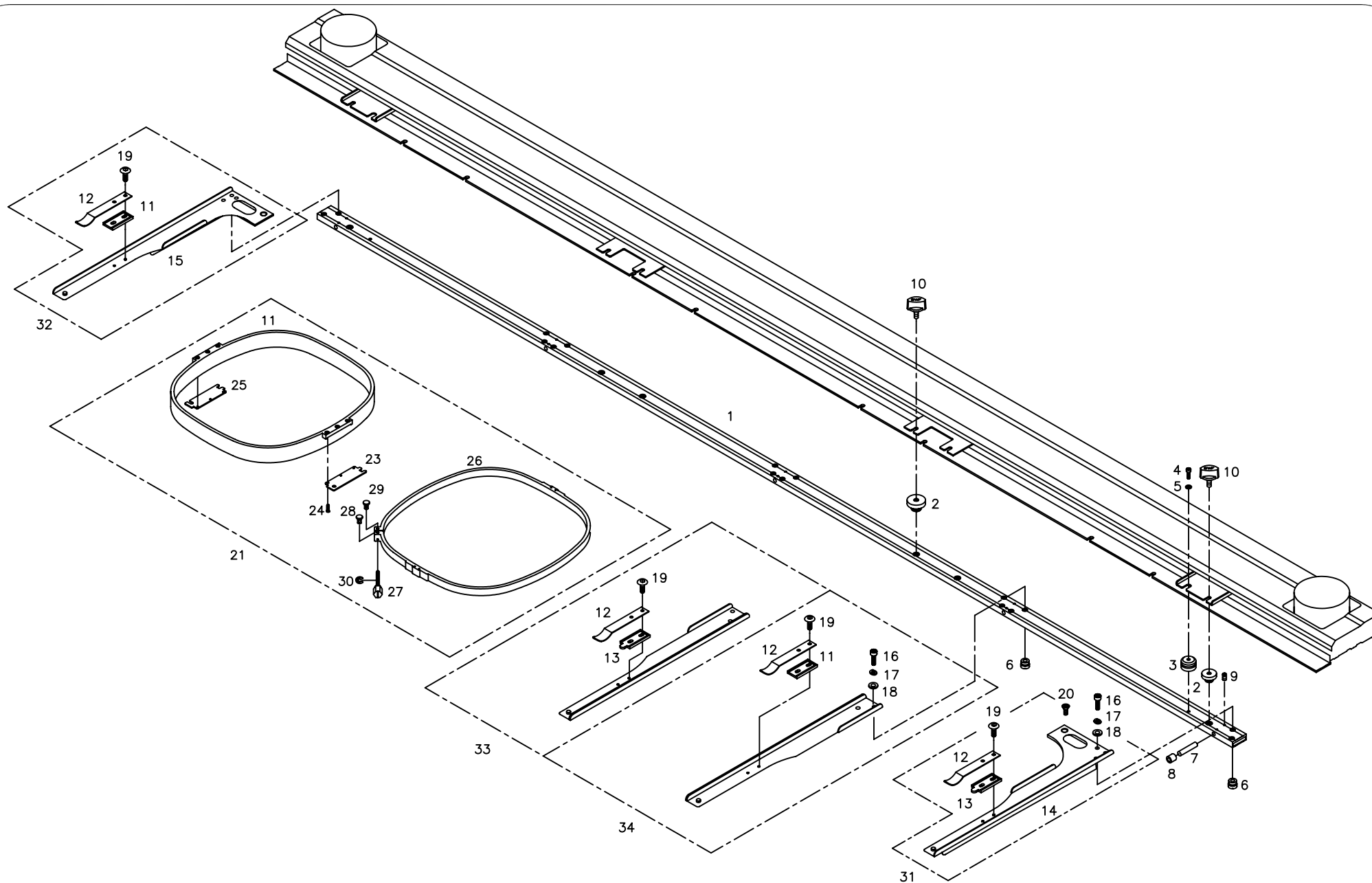
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N5041	18014SW-3115	Spring Washer (@4-No2)	8
N5042	18015SW-3111	Washer (4@)	8
N5043	15030SC-7113	Hex. Socket Bolt (M5*L30)	4
N5044	18048SW-3115	Spring Washer (@5)	4
N5045	16018SW-1111	Washer (@5)	4
N5046	13026BR-T121	Needle Bearing (6002Z)	4
N5047	03002700T000	Bearing Collar	8
N5048	03037AF-A001	Driver Screw	16
N5049	04014SC-4517	Hex.Socket Set Screw(M5*L5)	16
N5050	03100900UH00	Y-Bearing Bracket (L)	4
N5051	08091SC-7113	Hex. Socket Bolt (M6*L20)	16
N5052	03101000UH00	Y-Bearing Bracket (R)	4
N5053	03101100UH00	Y-Bearing Bracket Cover	4
N5054	07035SC-7113	Bracket Screw (M3*L6)	16
N5055	11019SW-9115	Spring Washer (3@)	16
N5056	08011SW-1111	Spring Washer (@3-S)	16
N5057	03005100U000	Coupling "A"	8
N5058	03016SC-4113	Hex. Socket Bolt (M5*L15)	16
N5059	03100500UH80	Y-Driving Motor Bracket	1
N5060	14027SC-4113	Hex.Socket Bolt (M8*L30)	4
N5061	15095SW-3115	Spring Washer (@8)	4
N5062	04029SW-A001	Stud Bolt Washer(S) (@8)	4
N5063	15047MT-UI12	Y Motor (103H89223-5214)	1
N5064	14046SC-7113	Hex.Socket Bolt (M6*L30)	4
N5065	16014SW-4115	Spring Washer (@6)	4
N5066	08057SW-1111	Washer (@6)	4
N5067	03101300UH00	Sensor Bracket	1
N5068	02015SC-7113	Hex.Socket Bolt(M4*L10)	2
N5069	02028SW-9115	Spring Washer (@4)	2
N5070	05009SW-1111	Washer (@4-L)	2
N5071	02107300UH80	Cable (Sh-73)	1
N5072	06010SC-8118	Plus Screw (M3*L4)	2
N5073	03101400UH00	Plate For Y-Sensing	1
N5074	22006SC-7113	Hex. Socket Bolt (M3*L8)	2
N5075	11019SW-9115	Spring Washer (3@)	2
N5076	08011SW-1111	Spring Washer (@3-S)	2
N5077	16074PR-UK06	Y-Lm Support Fixing Plate	2
N5078	14002SC-7113	Hex.Socket Bolt (M6*L15)	4
N5079	16014SW-4115	Spring Washer (@6)	4
N5080	08057SW-1111	Washer (@6)	4

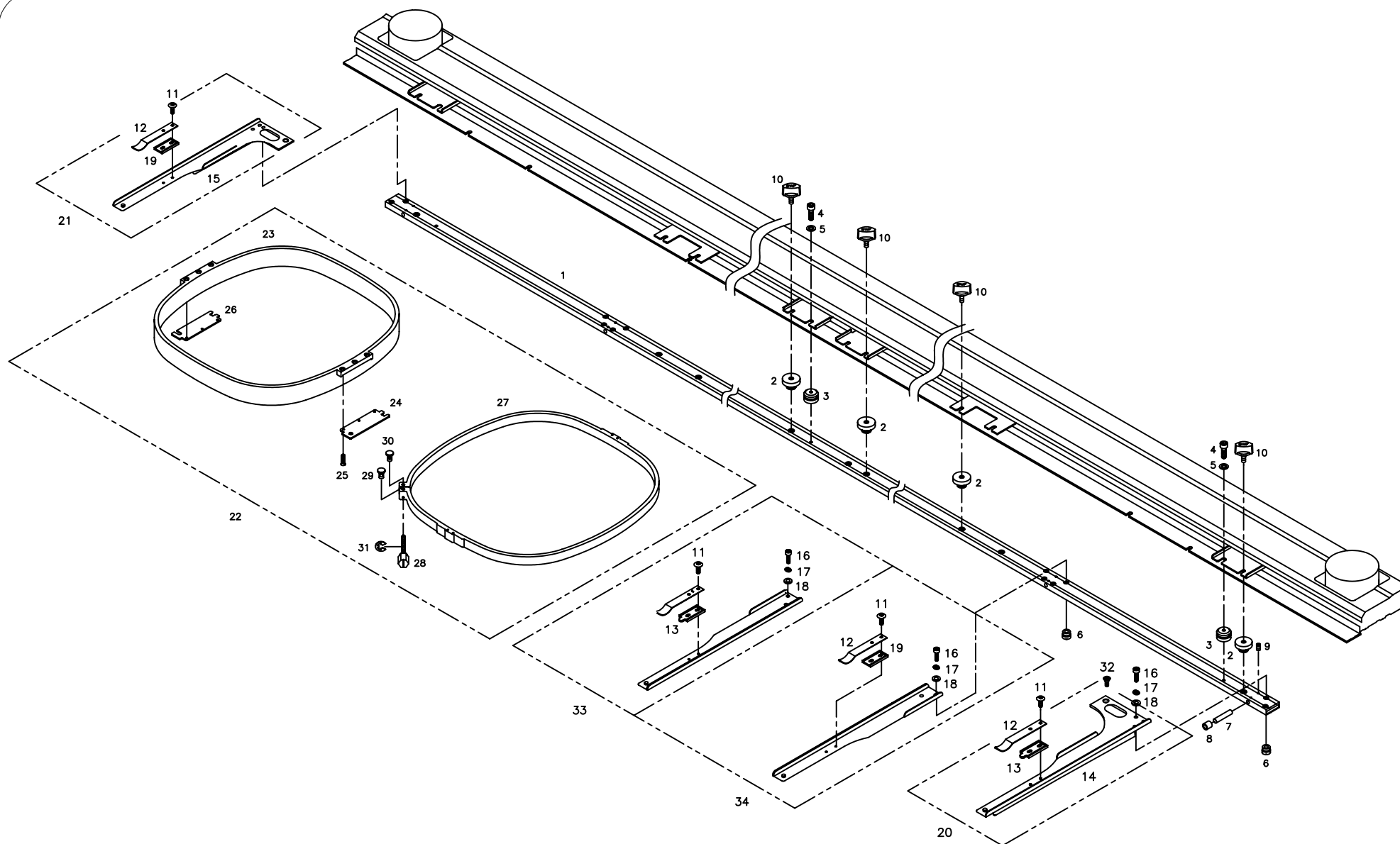
N5

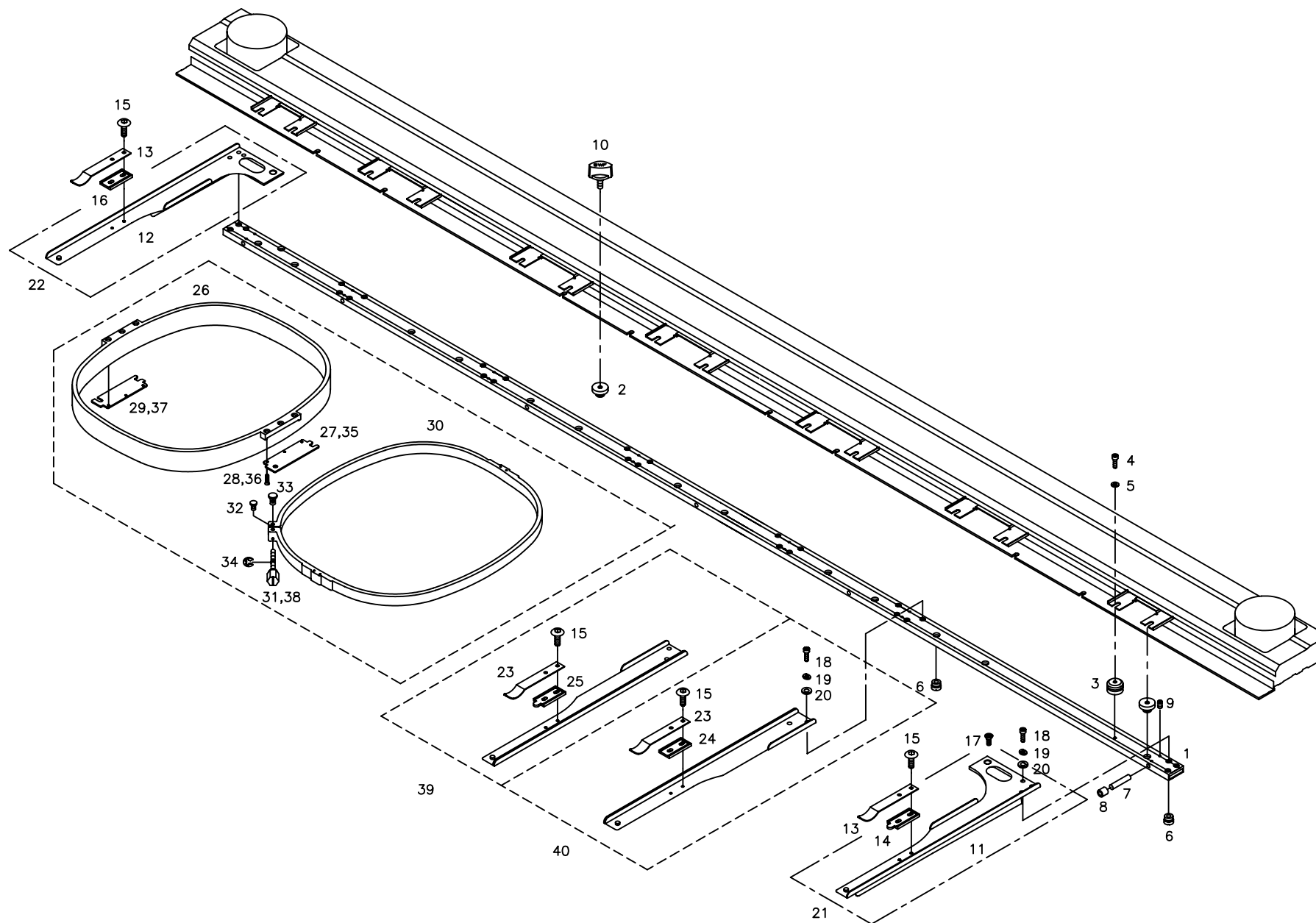
Y-Axis Drive System (UH1508)





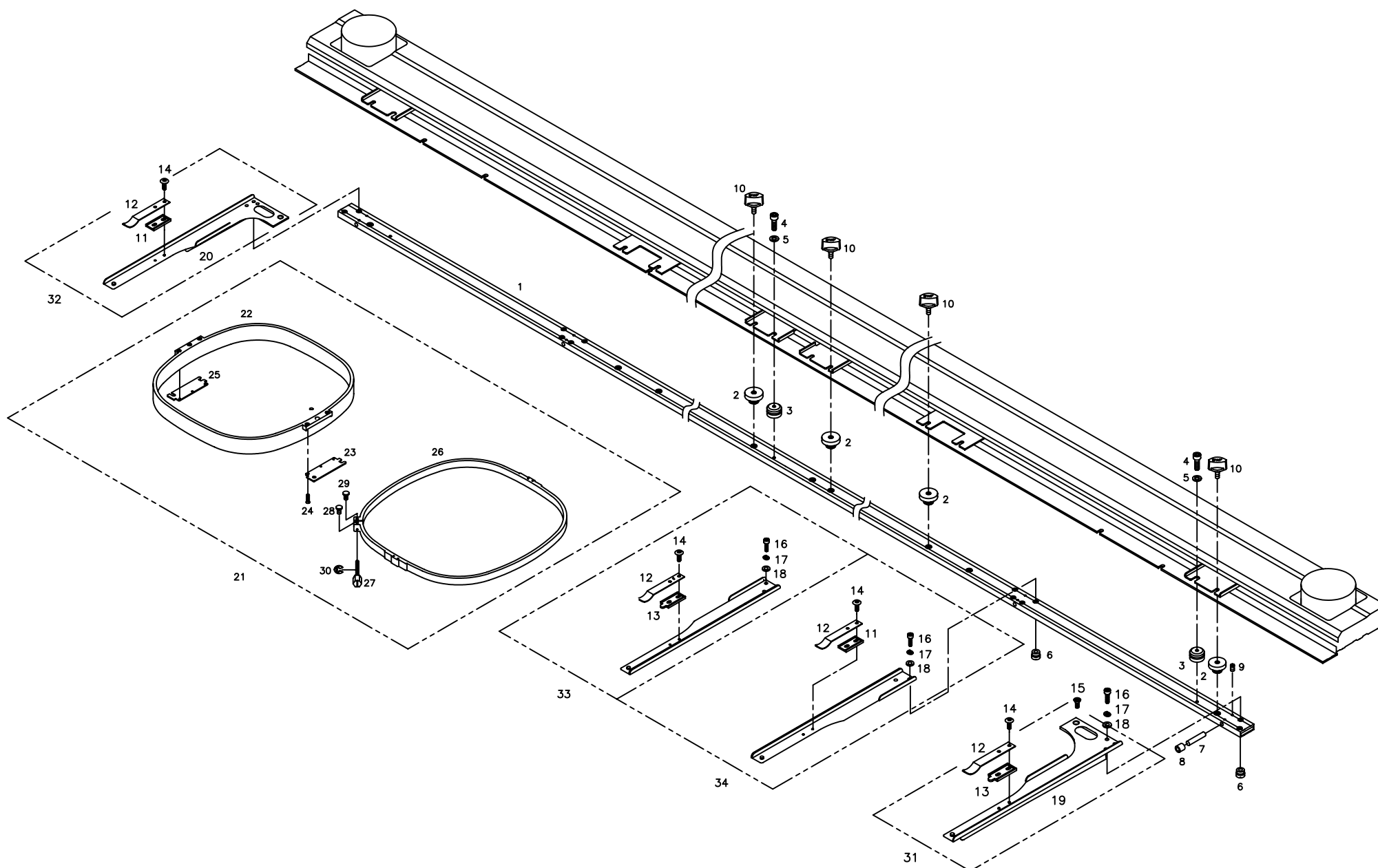






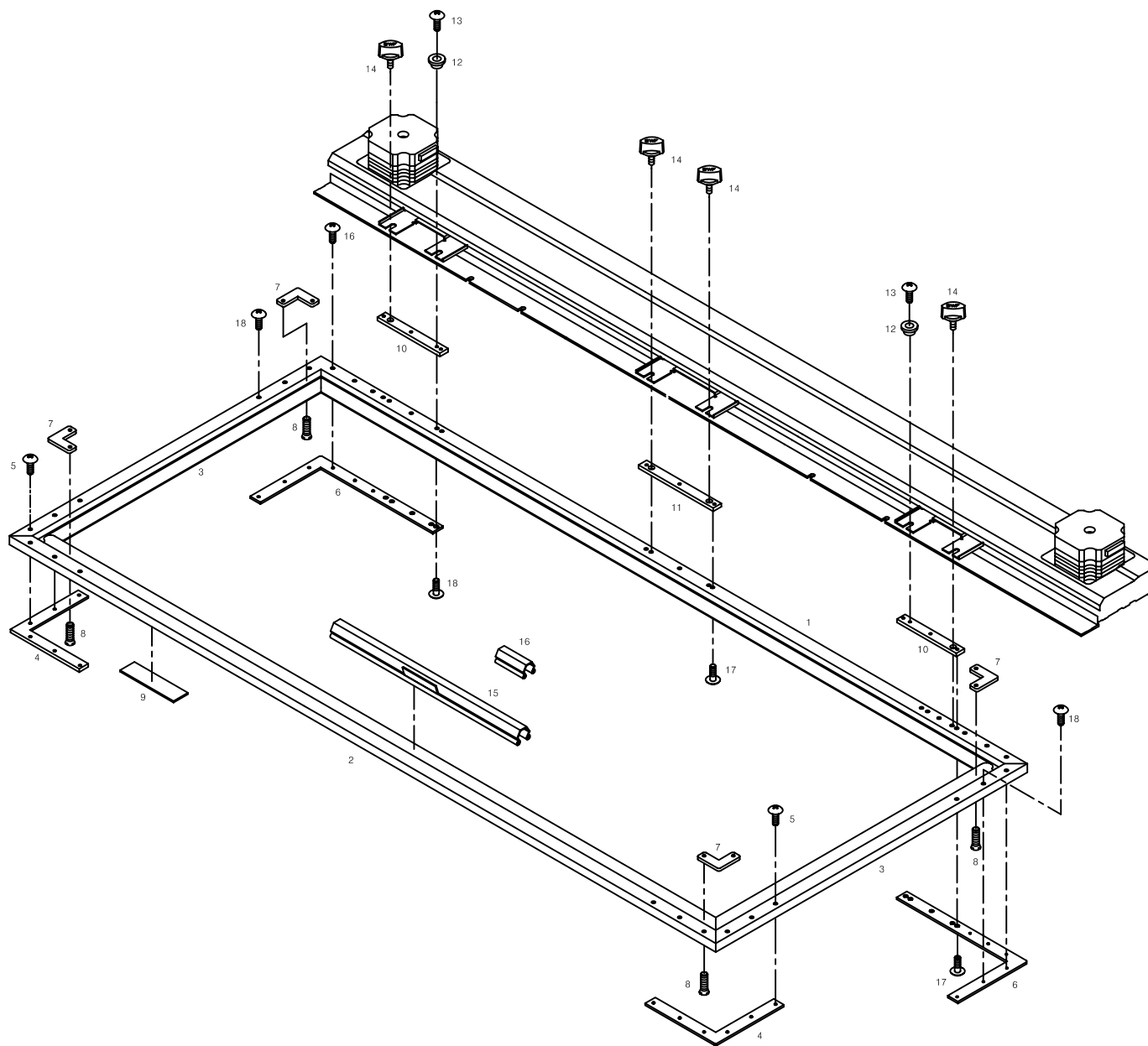
05

Tubular Frame (UH1508)



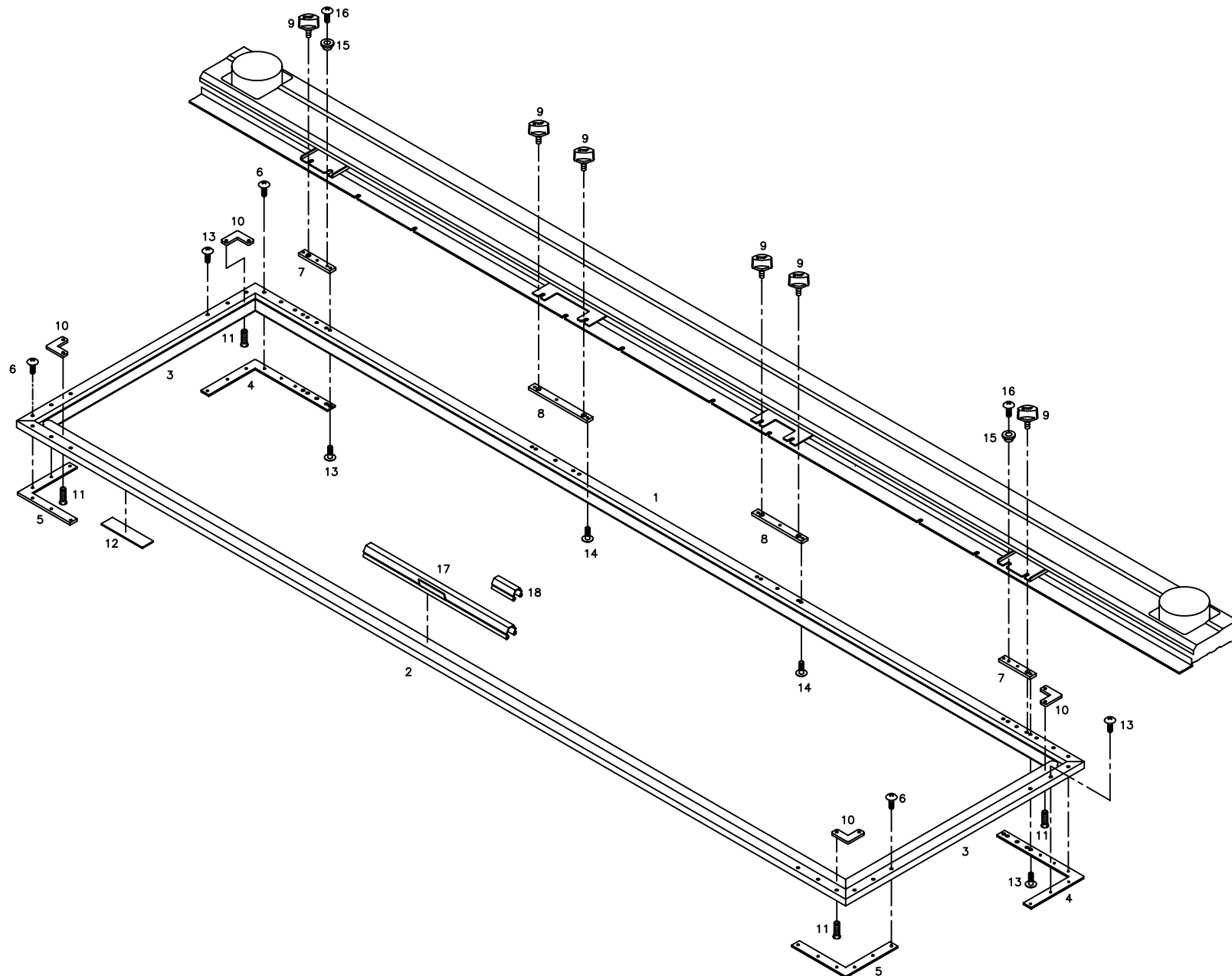
P1

Border Frame (UK1202)



P2

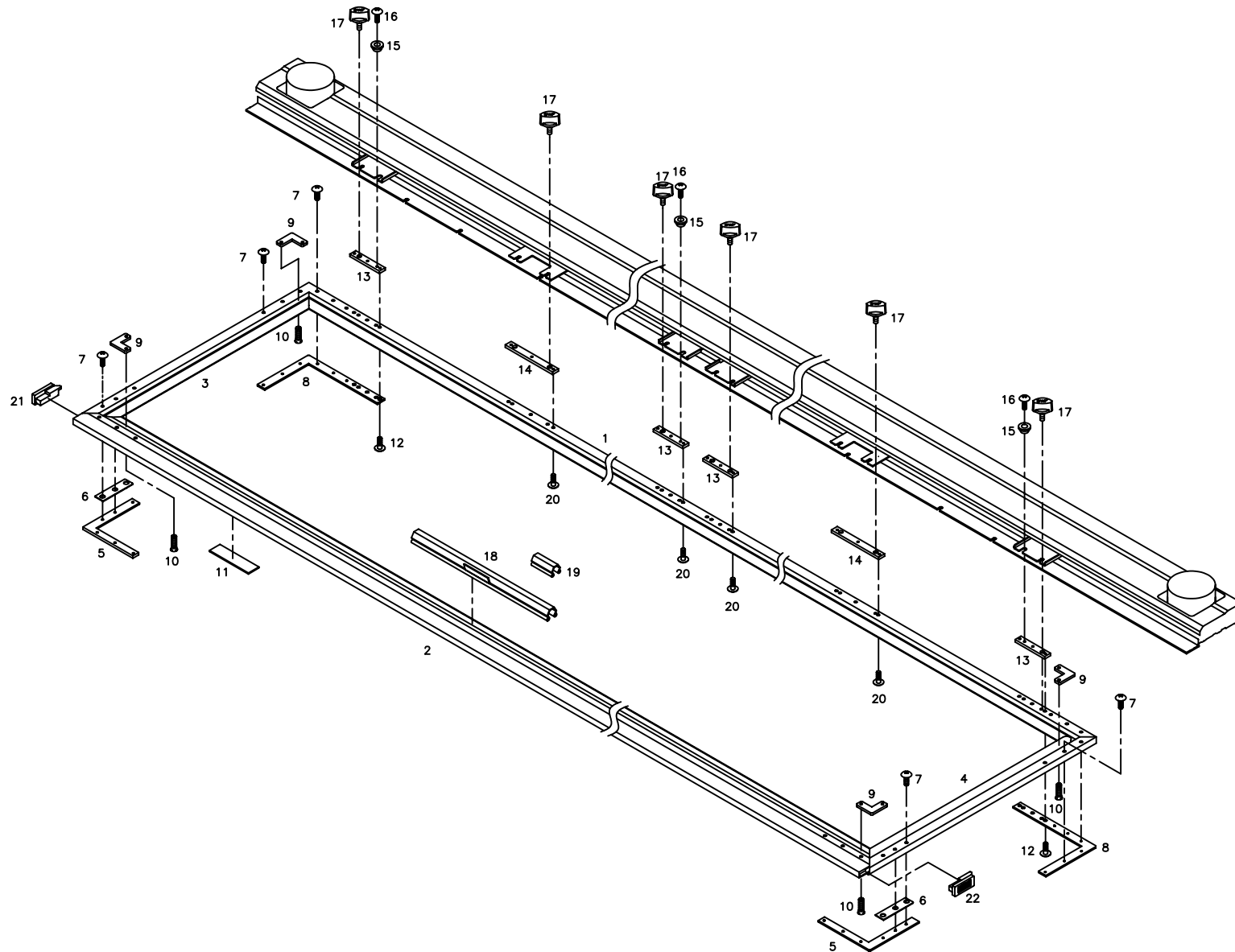
Border Frame(UK1204)



[illegible][illegible]

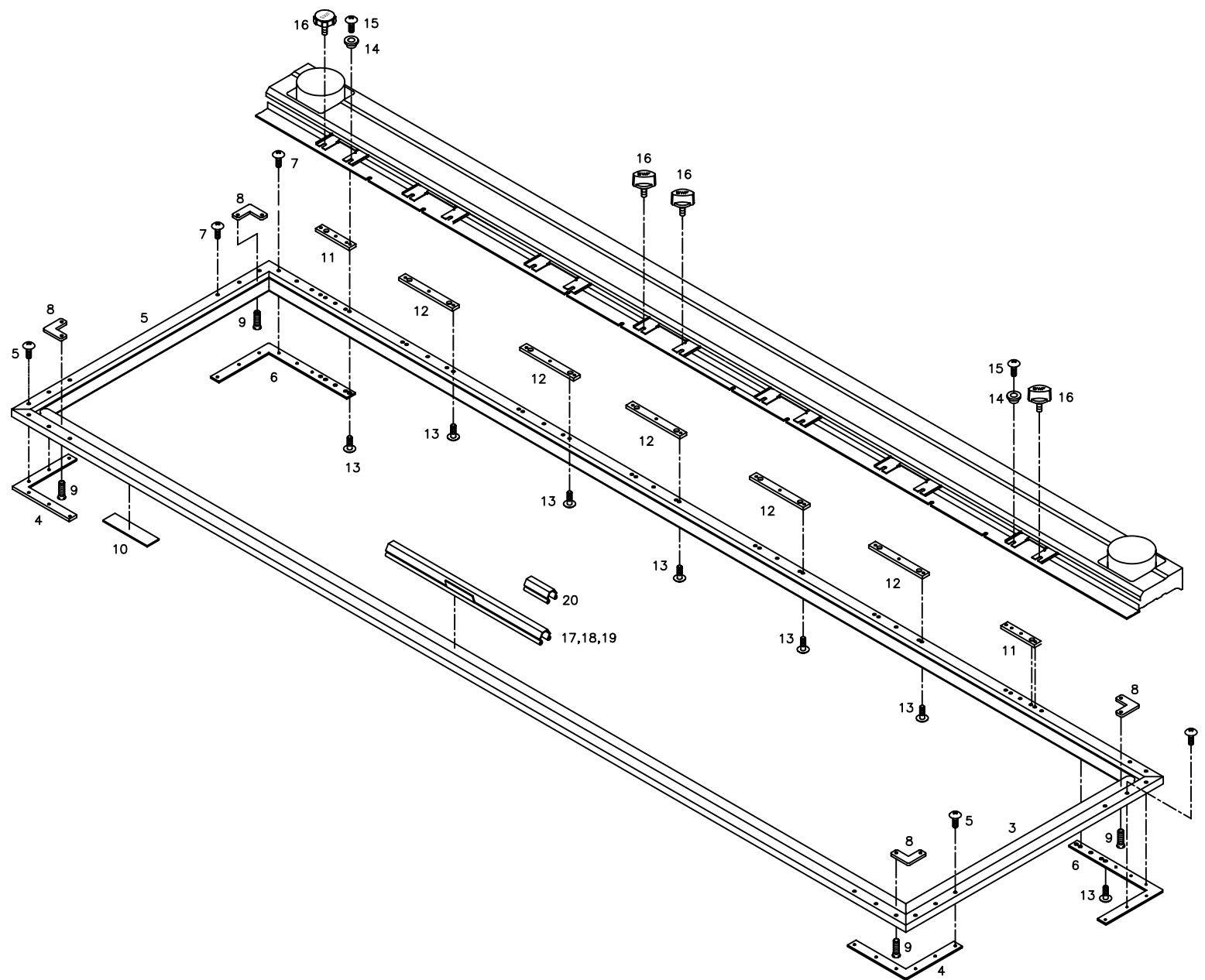
P3

Border Frame(UK1206)



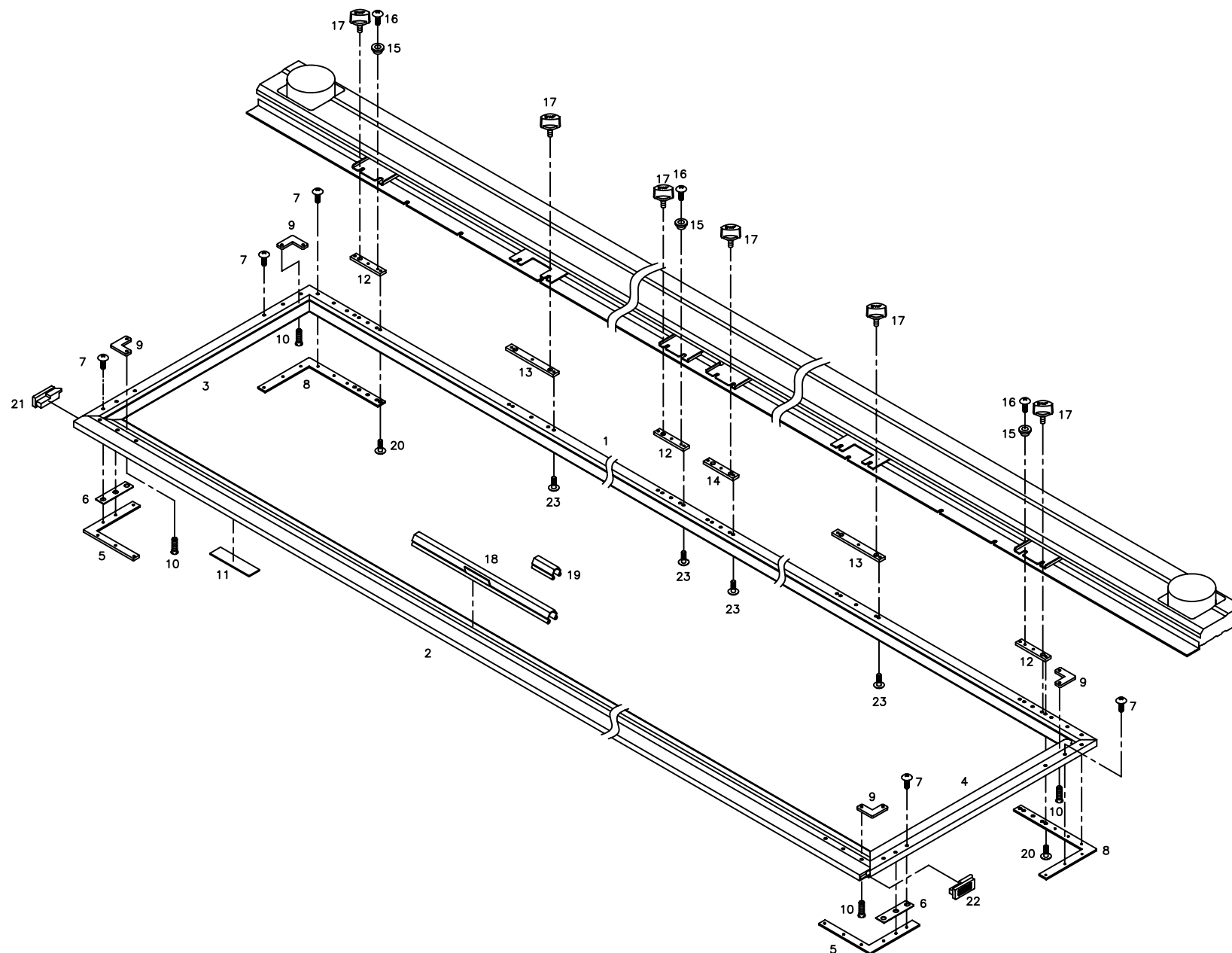
P4

Border Frame(UH1506C)



P5

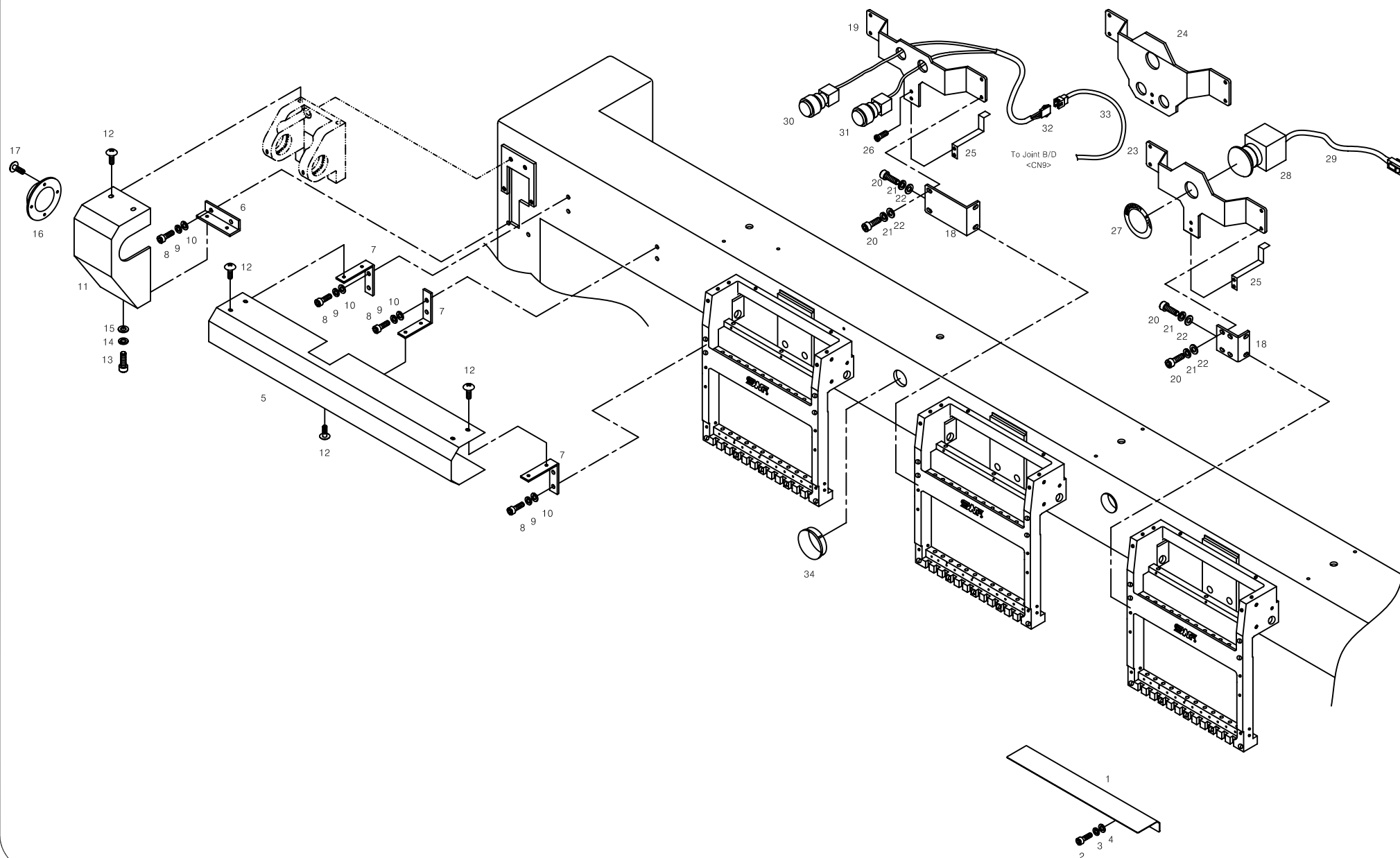
Border Frame(UH1508)



Q

S/B Switch Unit

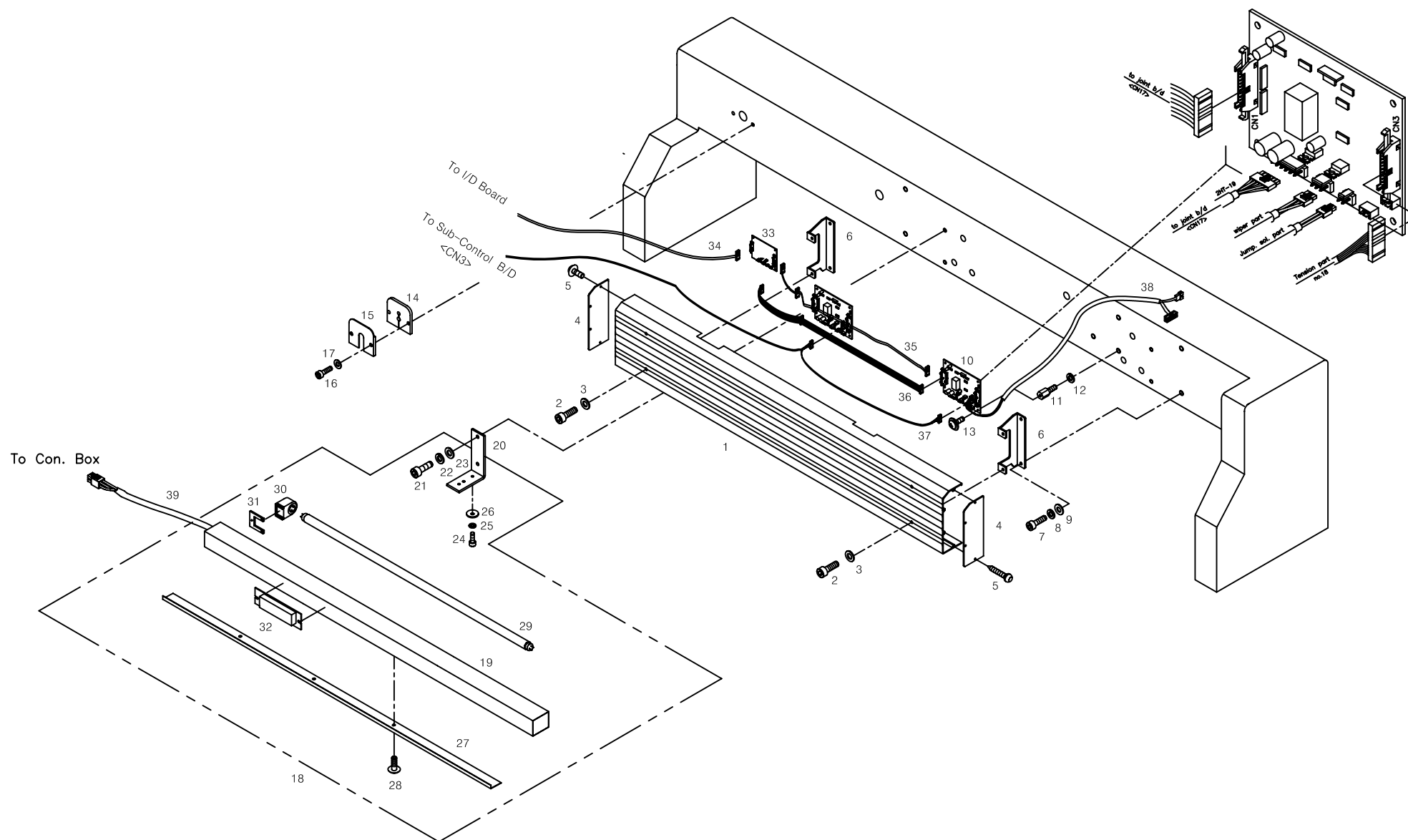
SWF®



[illegible]

R1

Sub Control Unit & Lamp(UK1202)

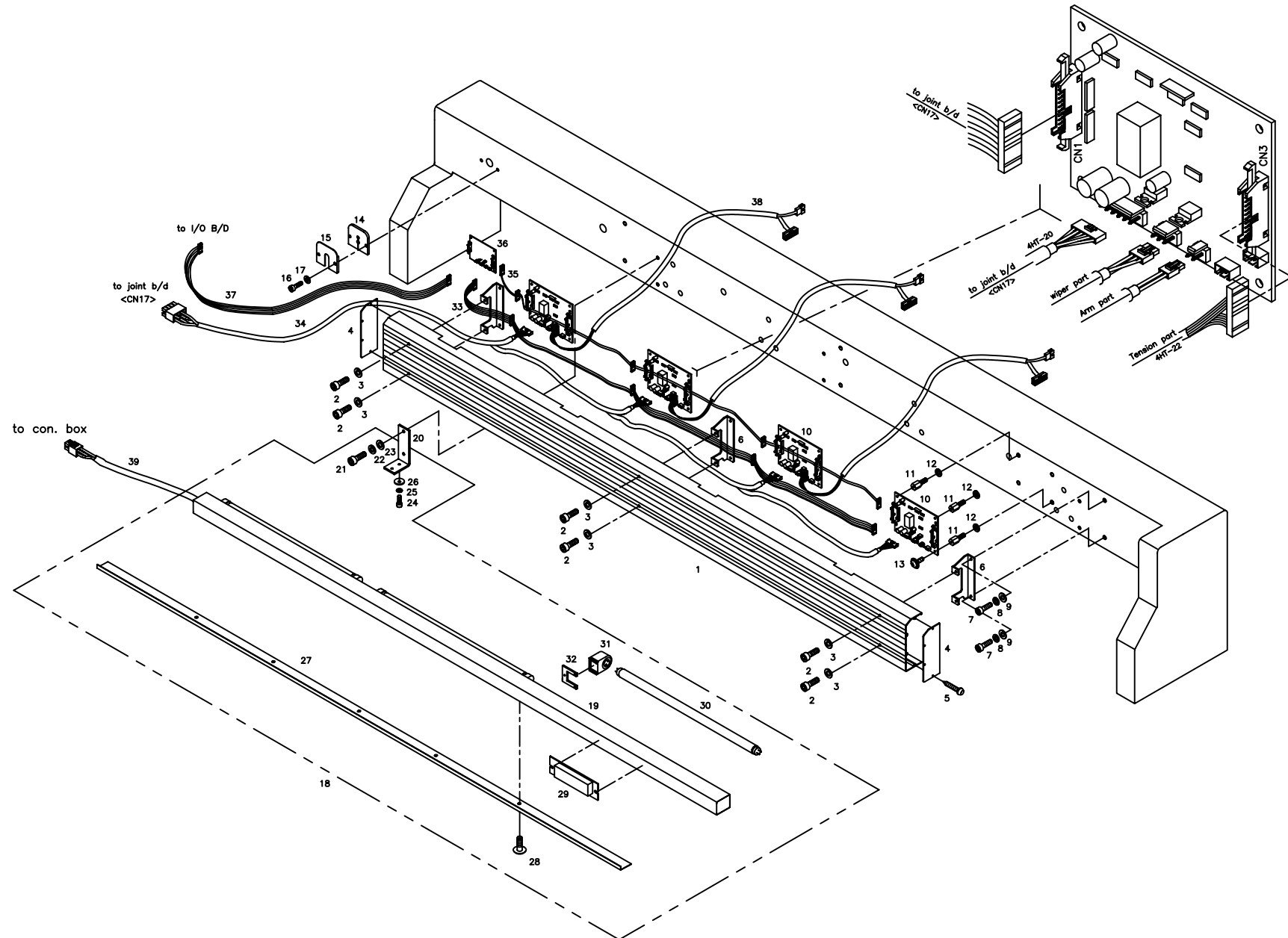


Ref.No	Part No.	Part Names	Q'ty
R1001	01005700UK20	BOARD COVER L=1318	1
R1002	02031SC-7113	Hex. Socket Screw(M5*L10)	4
R1003	18049SW-3111	Washer (@5)	4
R1004	12000200B000	CABLE COVER PLATE	2
R1005	02065SC-3328	TAPPING SCREW (M3*L10)	8
R1006	02000400B000	CABLE COVER HOLDER	2
R1007	08076SC-7113	Hex. Socket Bolt (M5*L12)	4
R1008	18048SW-3115	Spring Washer (@5)	4
R1009	16018SW-1111	Washer (@5)	4
R1010	11093EL-C001	Sub-Control Board Ver 2.3	2
R1011	11049SC-A001	Board Stud Bolt	8
R1012	18048SW-3115	Spring Washer (@5)	12
R1013	18154SC-9134	PLUS SCREW (M3*L8)	8
R1014	02054RB-UK01	Clamp Rubber	1
R1015	02053PR-UK01	Cable Clamp	1
R1016	18013AF-7113	Hex. Socket Bolt (M4*L10)	2
R1017	18049SW-3111	Washer (@5)	2
R1018	AS-001837-00	LAMP SET UK1202-45	1
R1019	20007BM-A001	Lamp Ass,Y "A"	1
R1020	11000100U000	LAMP BRACKET	2
R1021	08091SC-7113	Hex. Socket Bolt (M6*L20)	4
R1022	16014SW-4115	Spring Washer (@6)	4
R1023	08057SW-1111	Washer (@6)	4
R1024	14014SC-7113	Hex.Socket Set Screw(M5*L8)	10
R1025	18048SW-3115	Spring Washer (@5)	10
R1026	20038PR-T121	Washer (@8)	4
R1027	32016PR-UK02	REFLECTING COVER	1
R1028	20014SC-9124	Hex. Socket Screw(M4*L8)	3
R1029	20009EL-B001	LAMP (32W)	1
R1030	20014ET-A001	Lamp Socket	2
R1031	GP-009003-00	Lamp Socket Fixed Plate	2
R1032	09000900B000	Ballast	1
R1033	22033EL-T126	Joint Board (Sh-Jnt) Ver2.3	1
R1034	09005SC-3123	Truss Screw (M3*L6)	4
R1035	02001400T000	JOINT BOARD STUD BOLT M4*L10	4
R1036	03-0000-HB11	Thread Control Joint Board	1
R1037	02105900U000	Sh-59	1
R1038	02106000U020	Sh-60-1	1
R1039	02105710U020	Cable (Sh-57-1)	1
R1040	02105600U020	Sh-56-1	1

[illegible]

R2

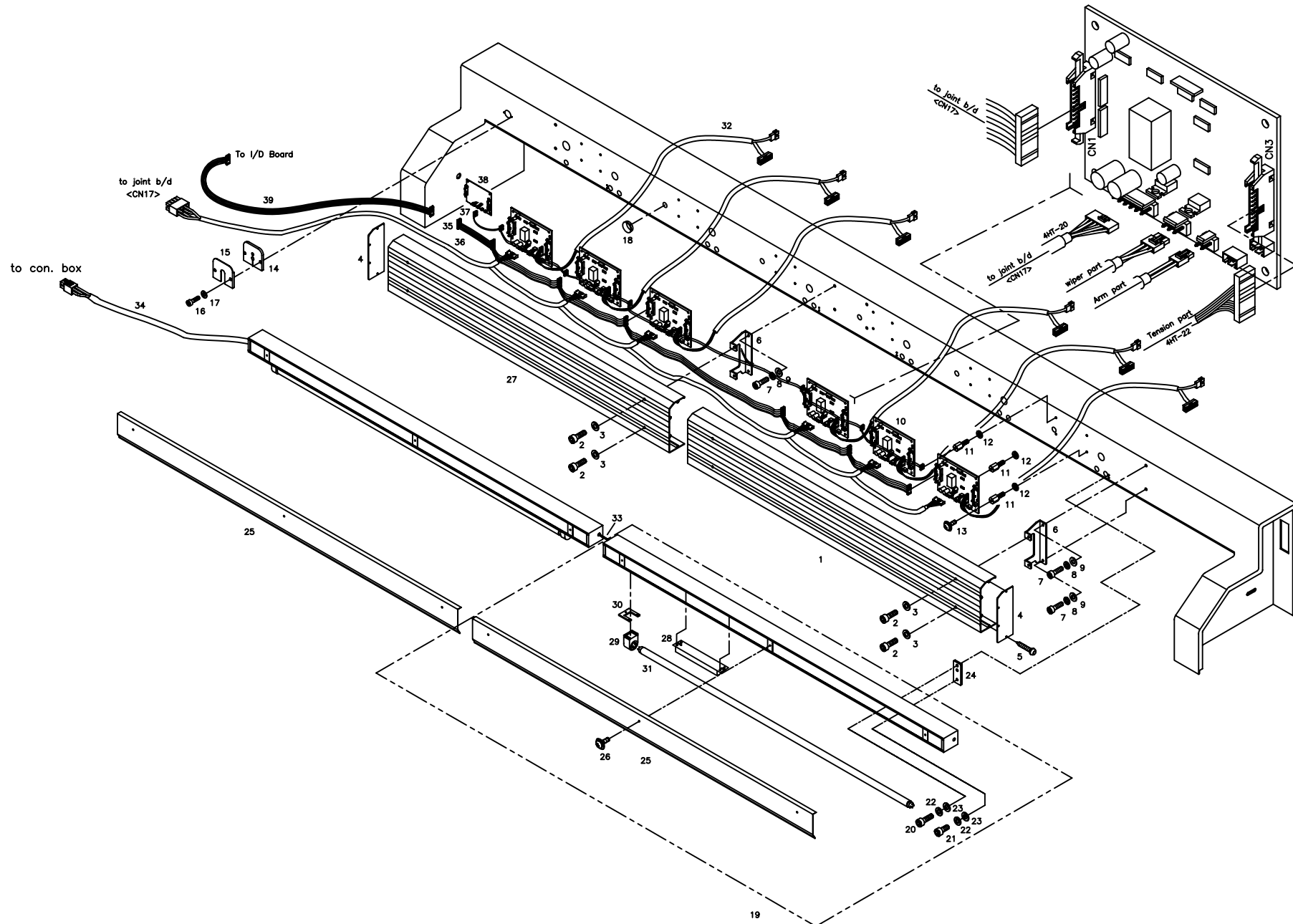
Sub Control Unit & Lamp(UK1204)



[illegible]

R3

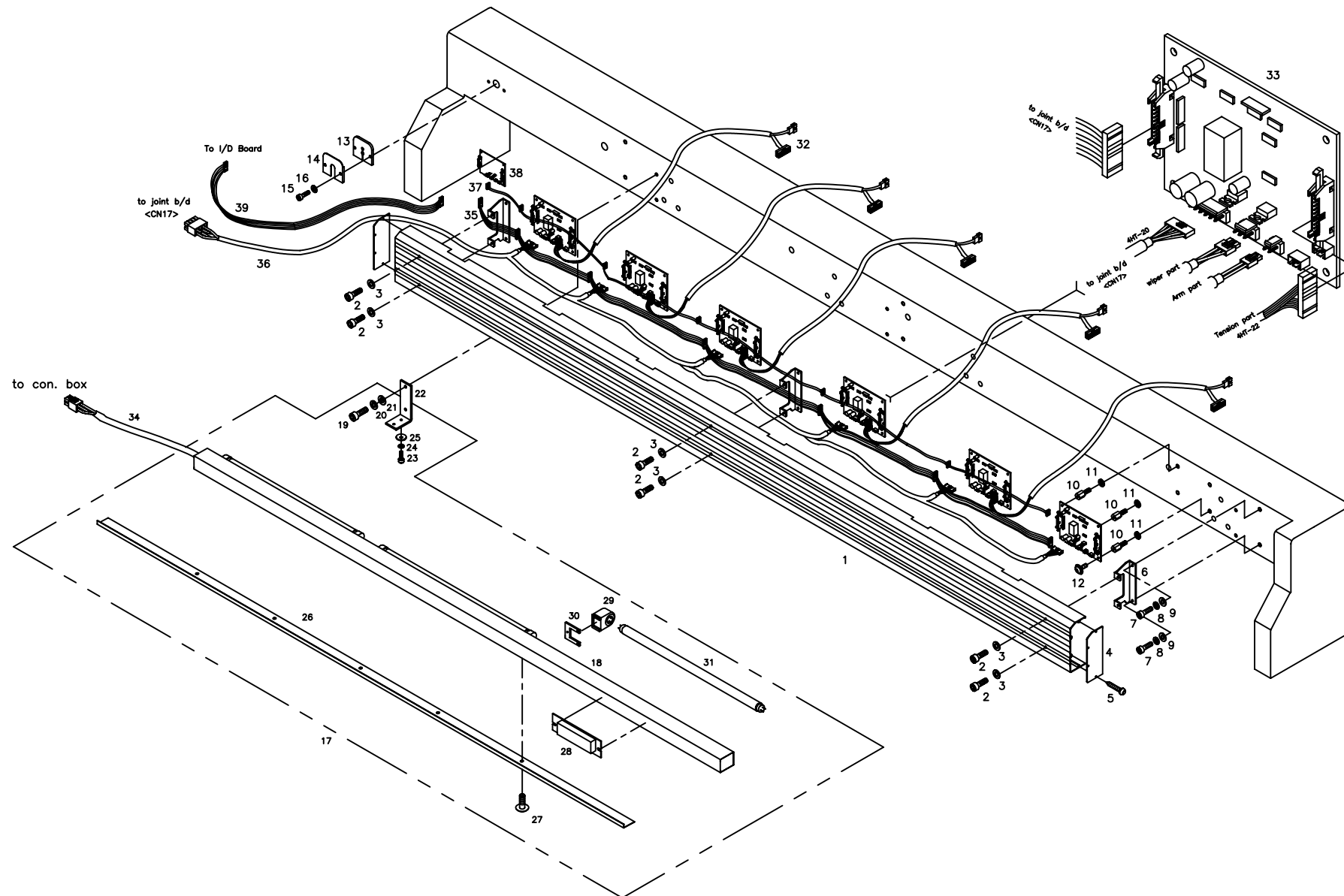
Sub Control Unit & Lamp(UK1206)



[illegible]

R4

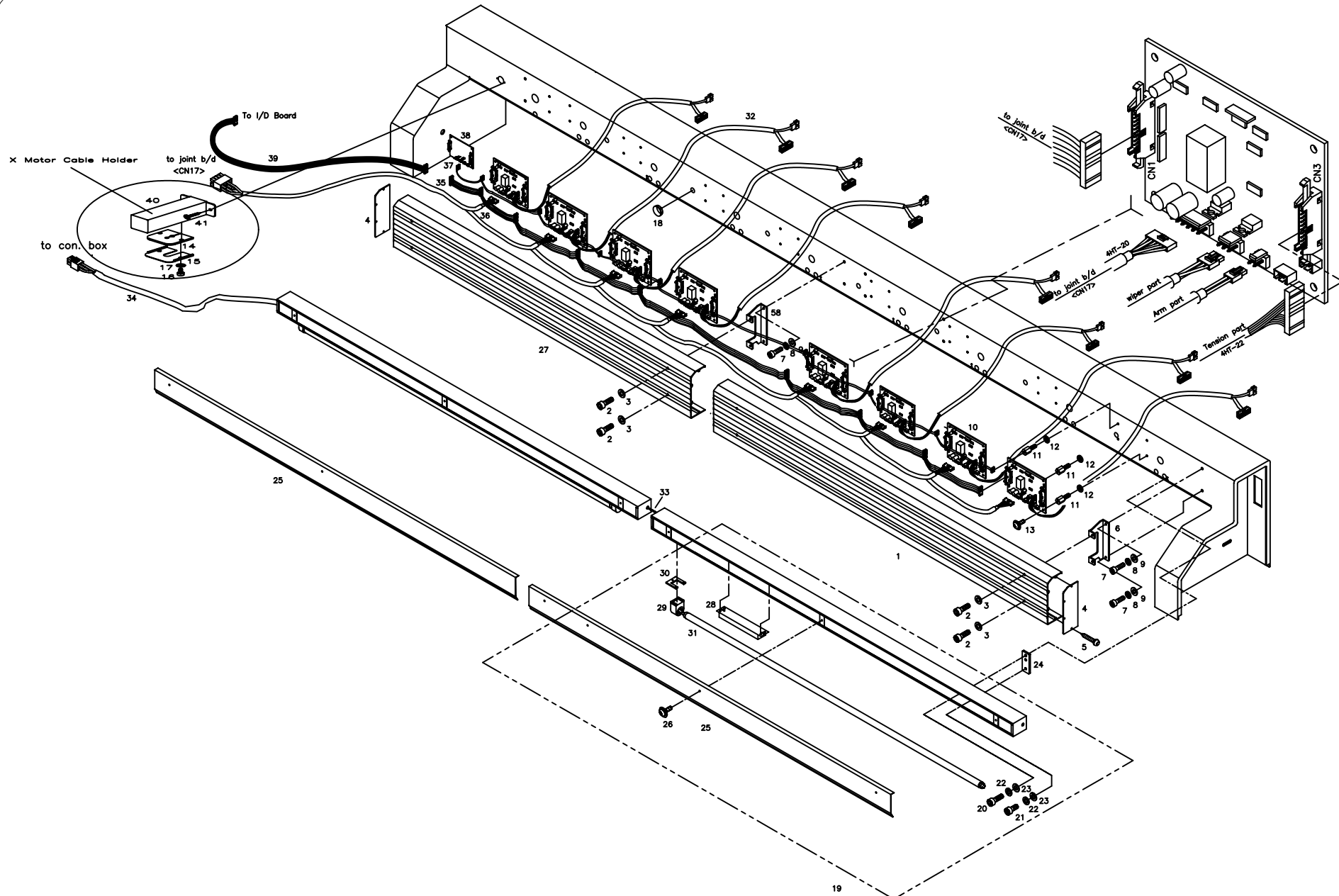
Sub Control Unit & Lamp(UH1506C)



R5

Sub-Control Unit & Lamp(UH1508)

SWF®

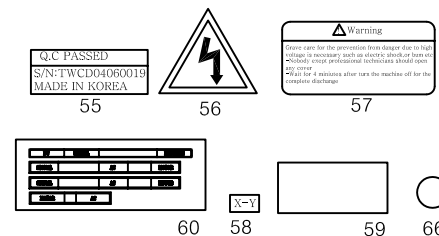
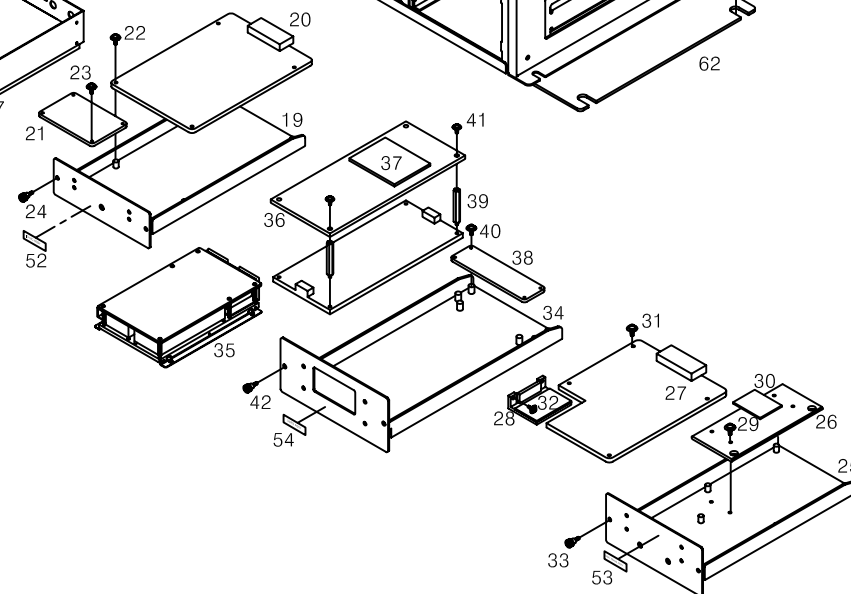
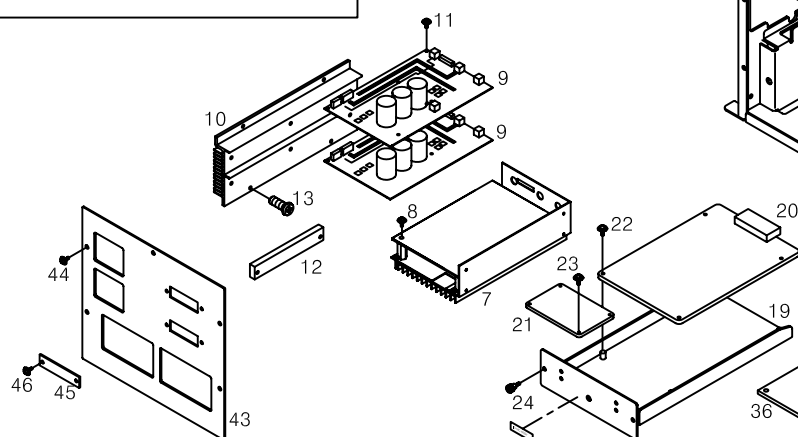
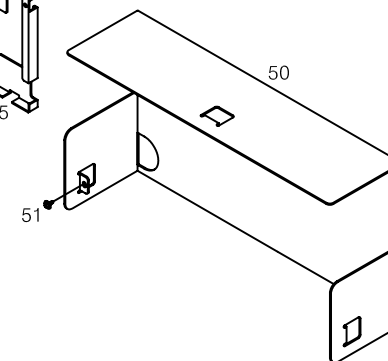
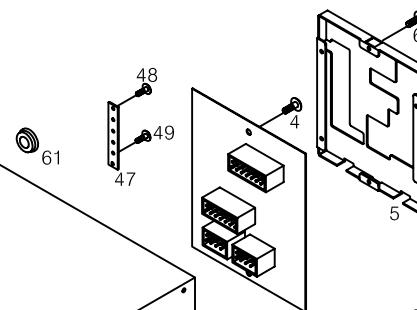
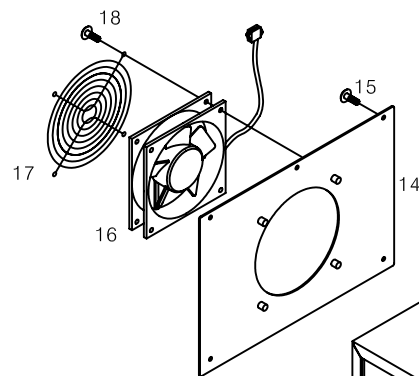
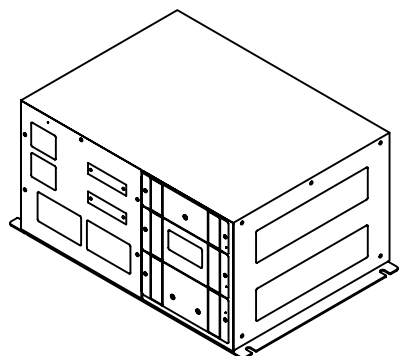


Ref.No	Part No.	Part Names	Q'ty
R5001	09000700UH80	Cable Cover	2
R5002	02031SC-7113	Hex. Socket Screw(M5*L10)	8
R5003	18049SW-3111	Washer (@5)	8
R5004	12000200B000	CABLE COVER PLATE	2
R5005	02065SC-3328	Tapping Screw (M3*L10)	8
R5006	02000400B000	CABLE COVER HOLDER	4
R5007	08076SC-7113	Hex. Socket Bolt (M5*L12)	8
R5008	18048SW-3115	Spring Washer (@5)	8
R5009	16018SW-1111	Washer (@5)	8
R5010	11093EL-C001	Thread Sensing Board	8
R5011	11049SC-A001	Board Stud Bolt	24
R5012	18048SW-3115	Spring Washer (@5)	28
R5013	18154SC-9134	PLUS SCREW (M3*L8)	32
R5014	02054RB-UK01	Clamp Rubber	1
R5015	02053PR-UK01	Cable Clamp	1
R5016	18013AF-7113	Hex. Socket Bolt (M4*L10)	2
R5017	18049SW-3111	Washer (@5)	2
R5018	02017PM-A001	Cable Ring	7
R5019	20000BM-A001	Lamp Ass'Y (Set)	2
R5020	03016SC-4113	Hex. Socket Bolt (M5*L15)	8
R5021	02031SC-7113	Hex. Socket Screw(M5*L10)	4
R5022	18048SW-3115	Spring Washer (@5)	12
R5023	16018SW-1111	Washer (@5)	12
R5024	20001PR-A001	Lamp Ass'Y Connector	4
R5025	20009PR-A001	Reflecting	2
R5026	02010AF-3123	Truss Screw (M4*L8)	6
R5027	09000600UH80	Cable Cover	1
R5028	20016EL-A001	Ballast	2
R5029	20014ET-A001	Lamp Socket	4
R5030	20012PR-A001	Lamp Socket Fixed Plate	4
R5031	20009EL-B001	LAMP (32W)	2
R5032	25022EL-UK01	To Adjusting Plate (4Ht-22)	6
R5033	25053EL-UK06	Cable (25-53)	1
R5034	02105000E040	Cable	1
R5035	02105700UH80	Cable (Sh-57-5)	1
R5036	02105600UH80	Cable (Sh-56-5)	1
R5037	02106000UH80	Cable (Sh-60-5)	1
R5038	03-0000-HB11	Color Change Board	1
R5039	02105900U000	Sh-59	1
R5040	03202000UH80	X-Moter Cable Holder	1

[illegible]

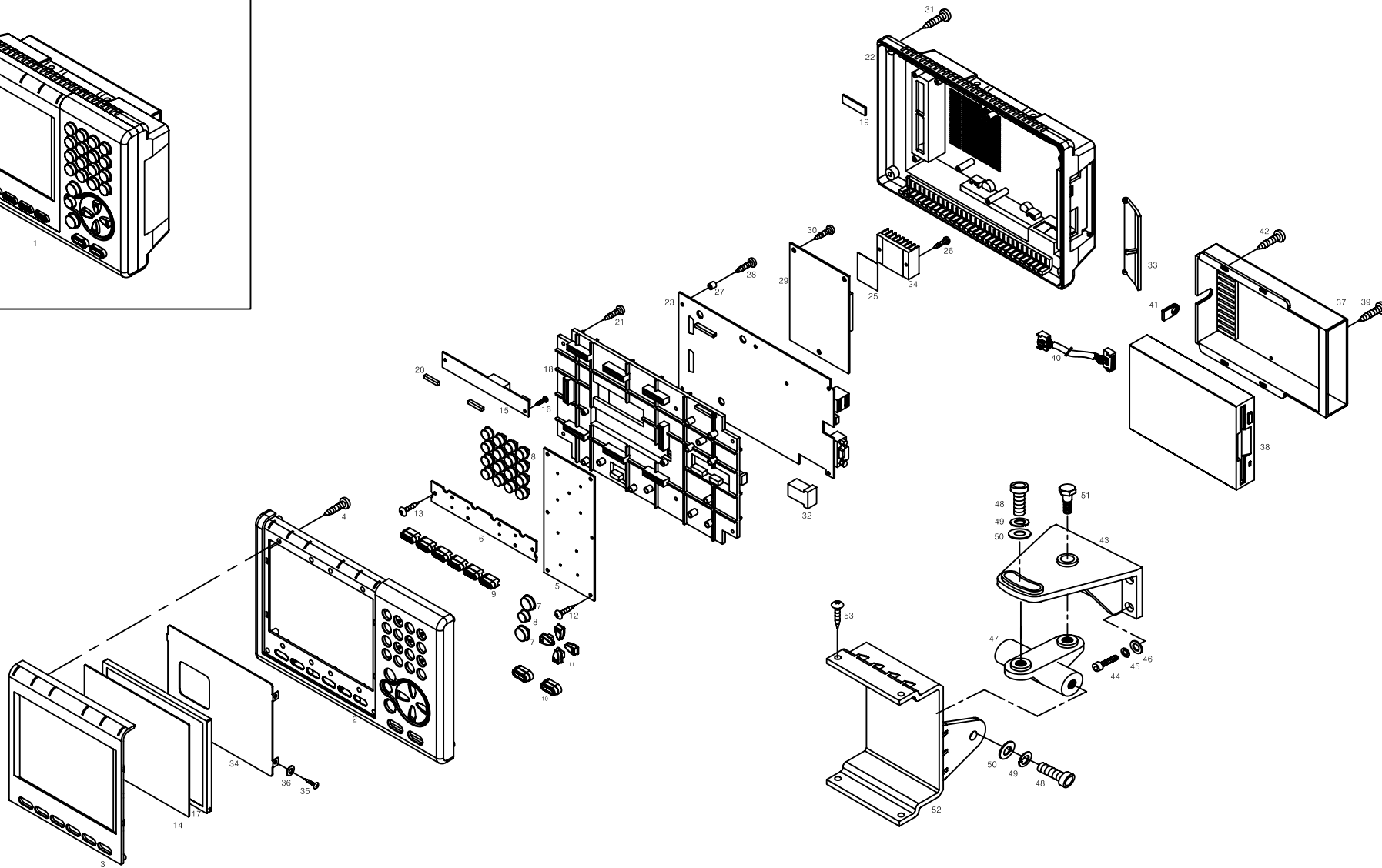
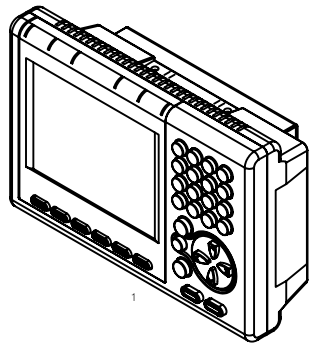
S

Main Controller



T

Operation Unit



U

Bobbin Winder

SMF®

