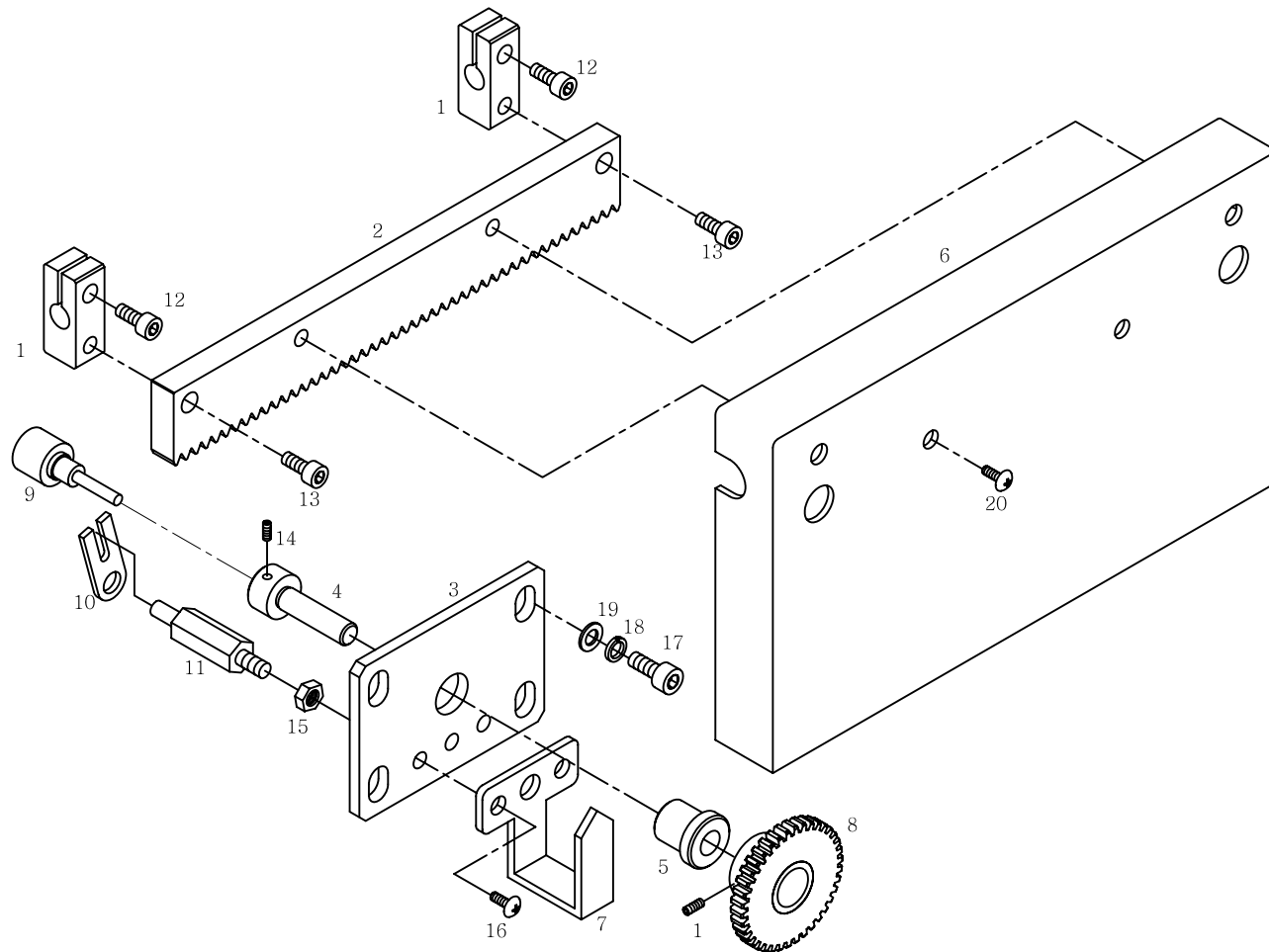
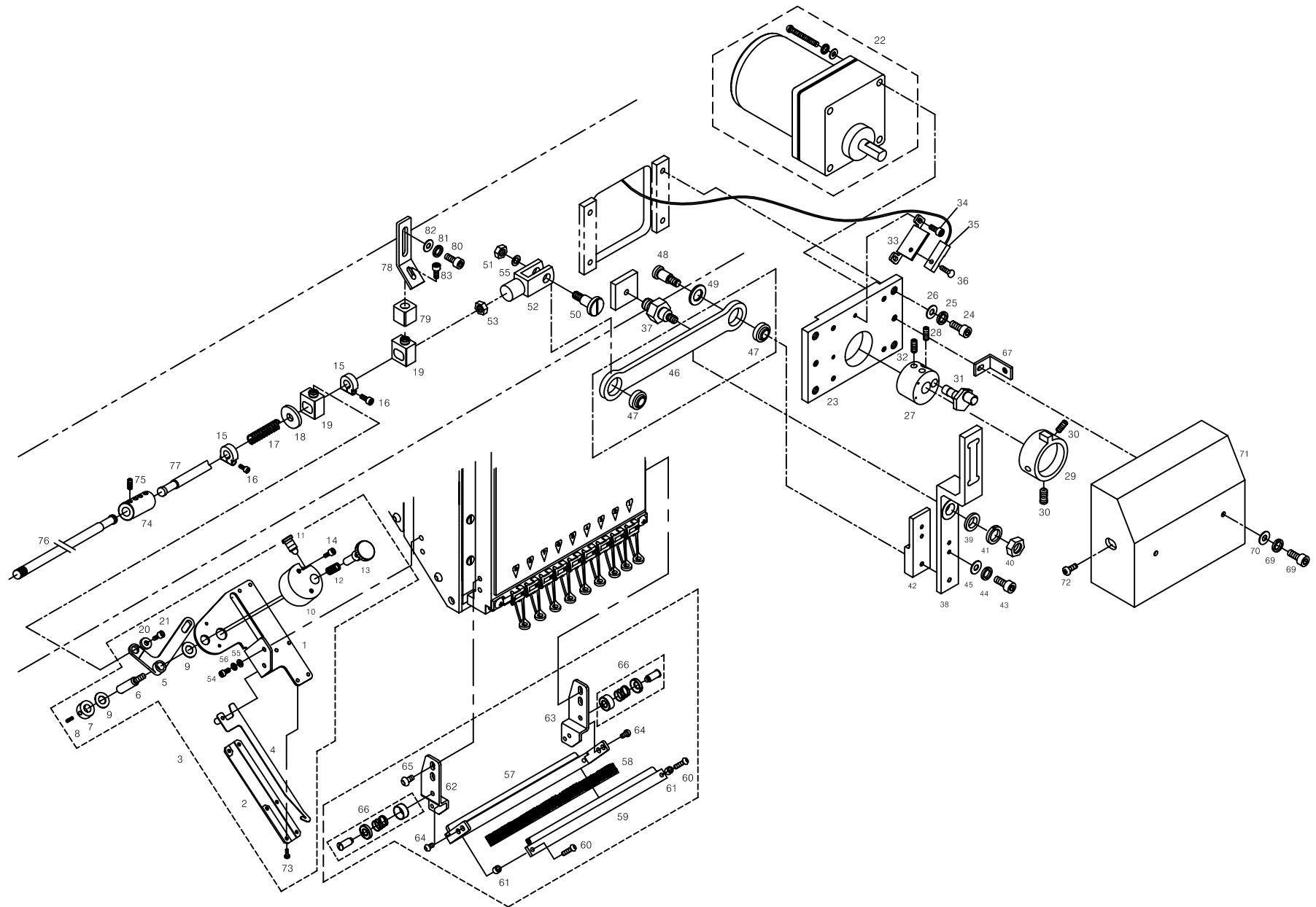




J

Wiper Set

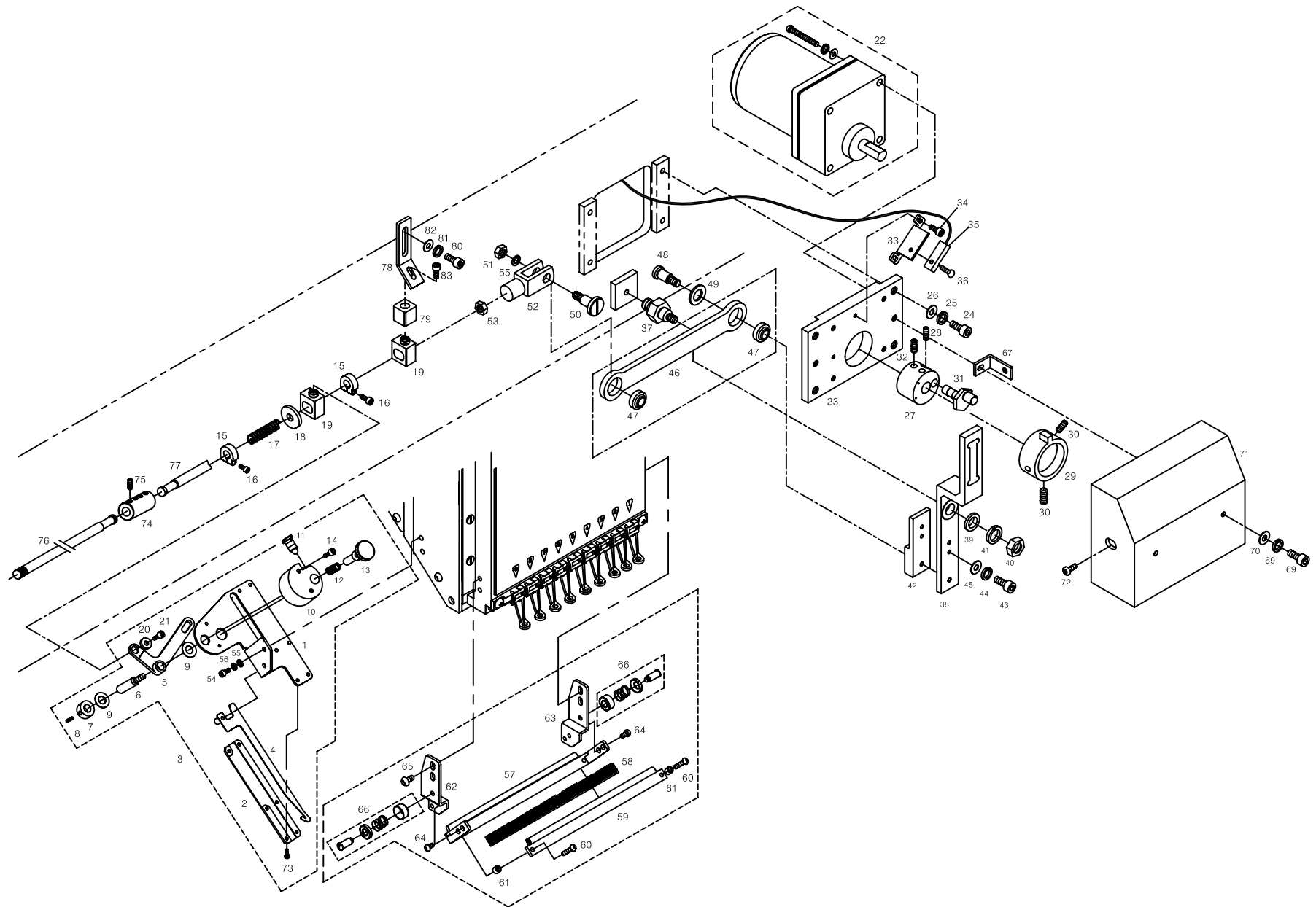


Ref.No	Part No.	Part Name	Q'ty
J-001	03500100I000	Upper Thread Catcher Base	6
J-002	03500210H000	Upper Thread Hook Base Cover	6
J-003	08500000I000	Upper Thread Catcher Set	6
J-004	03500300I000	Upper Thread Hook	6
J-005	03500500H000	Upper Catcher Driving Lever	6
J-006	03500600H000	Driving Lever Pin	6
J-007	03500700H000	Driving Lever Pin Collar	6
J-008	04014SC-4517	Hex.Socket Set Screw(M5*L5)	12
J-009	03500800H000	Driving Lever Pin Washer	12
J-010	03500900H000	Clutch Block	6
J-011	03501000H000	Clutch Stud Screw	6
J-012	03501100H000	Clutch Spring	6
J-013	03501200H000	Clutch Dial	6
J-014	11029SC-4113	Hex. Socket Bolt (M4*L20)	12
J-015	03002610H000	Return Spring Stopper	12
J-016	05026SC-H001	Hex. Socket Bolt (M4*L10)	12
J-017	03002700H000	Return Spring	6
J-018	03002800H000	Return Spring Stopper Washer	6
J-019	03003000H000	Return Spring Fix Pin	7
J-020	03002900H000	Return Spring Fix Pin Washer	6
J-021	02015SC-7113	Hex.Socket Bolt(M4*L10)	6
J-022	03003100H000	Upper Thread Hook Motor Unit	1
J-023	03003210H000	Motor Base	1
J-024	06025MC-7113	Hex.Socket Bolt(M6*L25)	4
J-025	16014SW-4115	Spring Washer (@6)	4
J-026	08057SW-1111	Washer (@6)	4
J-027	03003300H000	Cam Shaft Fixing Block	1
J-028	05008MC-4517	Hex.Socket Bolt(M5*L8)	2
J-029	GP-005184-01	SENSOR SENSING ADJUSTING RING	1
J-030	04014SC-4517	Hex.Socket Set Screw(M5*L5)	2
J-031	03003500H000	Motor Driving Cam Shaft	1
J-032	04014SC-4517	Hex.Socket Set Screw(M5*L5)	1
J-033	GP-005180-00	UPPER THREAD HOOK SENSOR BASE	1
J-034	07035SC-7113	Bracket Screw (M3*L6)	2
J-035	15-027A-2070	SENSOR	1
J-036	27076SC-8119	Plus Screw (M3*L12)	1
J-037	03003810H000	Stud Bolt for Driving Plate	1
J-038	03003910H000	Upper Thread Driving Plate	1
J-039	03004000H000	Stud Bolt Washer	1
J-040	13042SN-1111	Hex.Nut (M6*T5-R)	1

Ref. No	Part No.	Part Name	Q'ty
J-041	16014SW-4115	Spring Washer (@6)	1
J-042	03004110H000	Driving Plate Block B	1
J-043	18047SC-7113	Hex.Socket Bolt (M5*L15)	2
J-044	18048SW-3115	Spring Washer (@5)	2
J-045	18049SW-3111	Washer (@5)	2
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	03004700H000	Connecting Plate Stud Screw	1
J-051	13042SN-1111	Hex.Nut (M6*T5-R)	1
J-052	03004800H000	Connecting Plate Knuckle	1
J-053	04032SN-A001	Hex. Nut (M8-No2)	1
J-054	02023SC-7113	Hex.Socket Bolt (M4*L8)	12
J-055	18015SW-3111	Washer (4@)	12
J-056	18014SW-3115	Spring Washer (@4-No2)	12
J-057	09030PR-A002	Upper Thread Presser Base 9C	6
J-058	09031ET-A002	Velcro (9,C)	6
J-059	09033PR-A002	Presser Base Cover	6
J-060	07018SC-8118	Plus Screw (M3*L8)	12
J-061	09038CW-A001	Thread Presser Space	12
J-062	09040PR-A001	Bracket (L)	12
J-063	09041PR-A001	Bracket (R)	12
J-064	06010SC-8118	Plus Screw (M3*L4)	24
J-065	02009SC-A001	Side Cover Screw	12
J-066	09044PR-A001	Upper Thread Holder Disk Set	12
J-067	03004900H000	Motor Cover Fixing Bracket	2
J-068	02023SC-7113	Hex.Socket Set Screw(M4*L8)	2
J-069	18014SW-3115	Spring Washer (@4)	2
J-070	18015SW-3111	Washer (@4)	2
J-071	12001900I000	Upper Thread Hook Motor Cover	1
J-072	02010AF-3123	Truss Screw (M4*L8)	2
J-073	03005MC-3123	Truss Screw (M3*L5)	36
J-074	03007300H000	Upper Thread Shaft Coupling	2
J-075	08113SC-A001	Screw (11/64,L=6)	8
J-076	GP-008454-00	Upper Thread Hook Driving Shaft A	1
J-077	GP-008455-00	Upper Thread Hook Driving Shaft B	1
J-078	GP-010783-00	Bracket for Thread Holding Shaft	1
J-079	GP-010784-00	Block for Thread Holding Shaft	1
J-080	02031SC-7113	Hex.Socket Bolt(M5*L10)	2

J

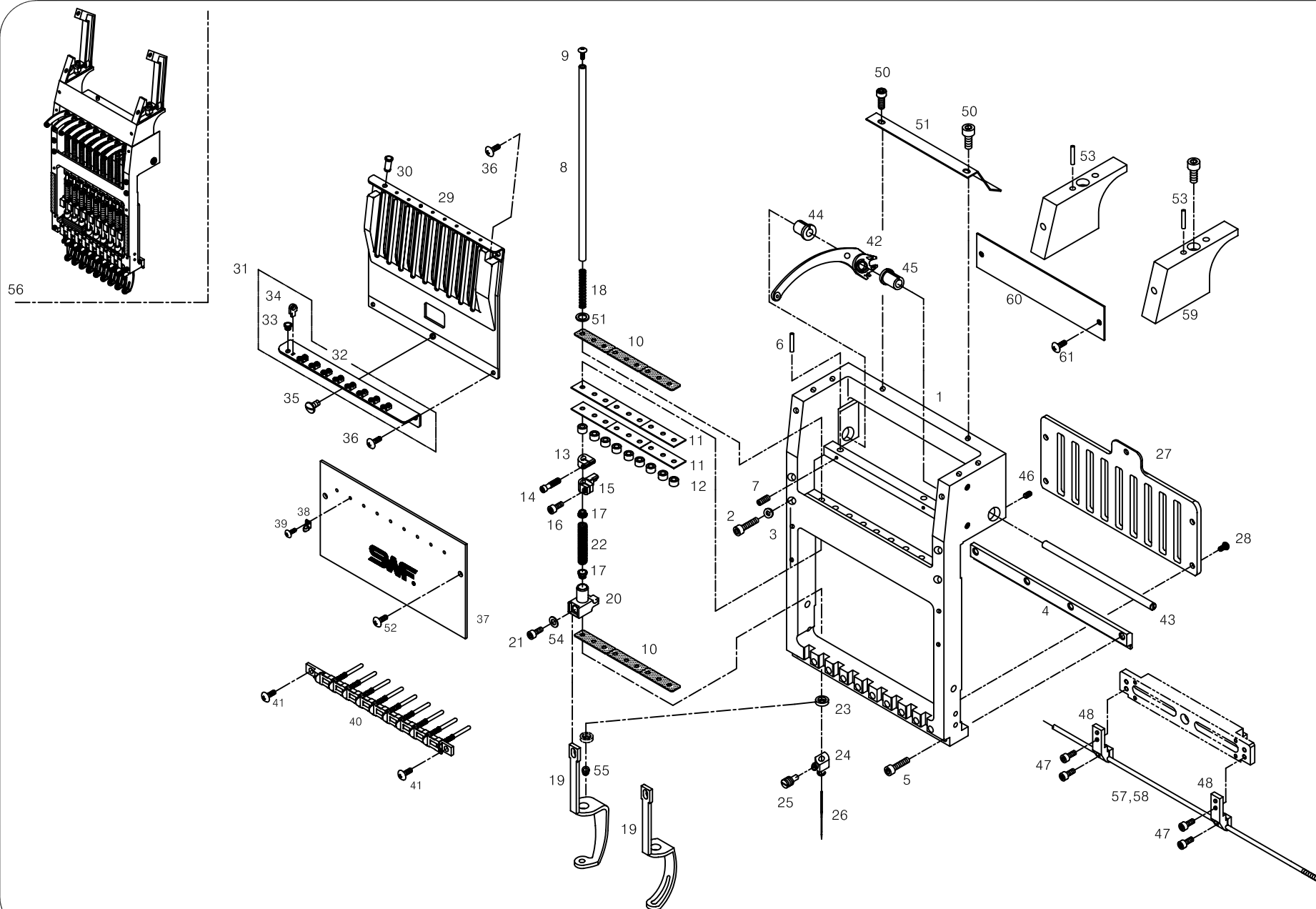
Wiper Set



K

Head

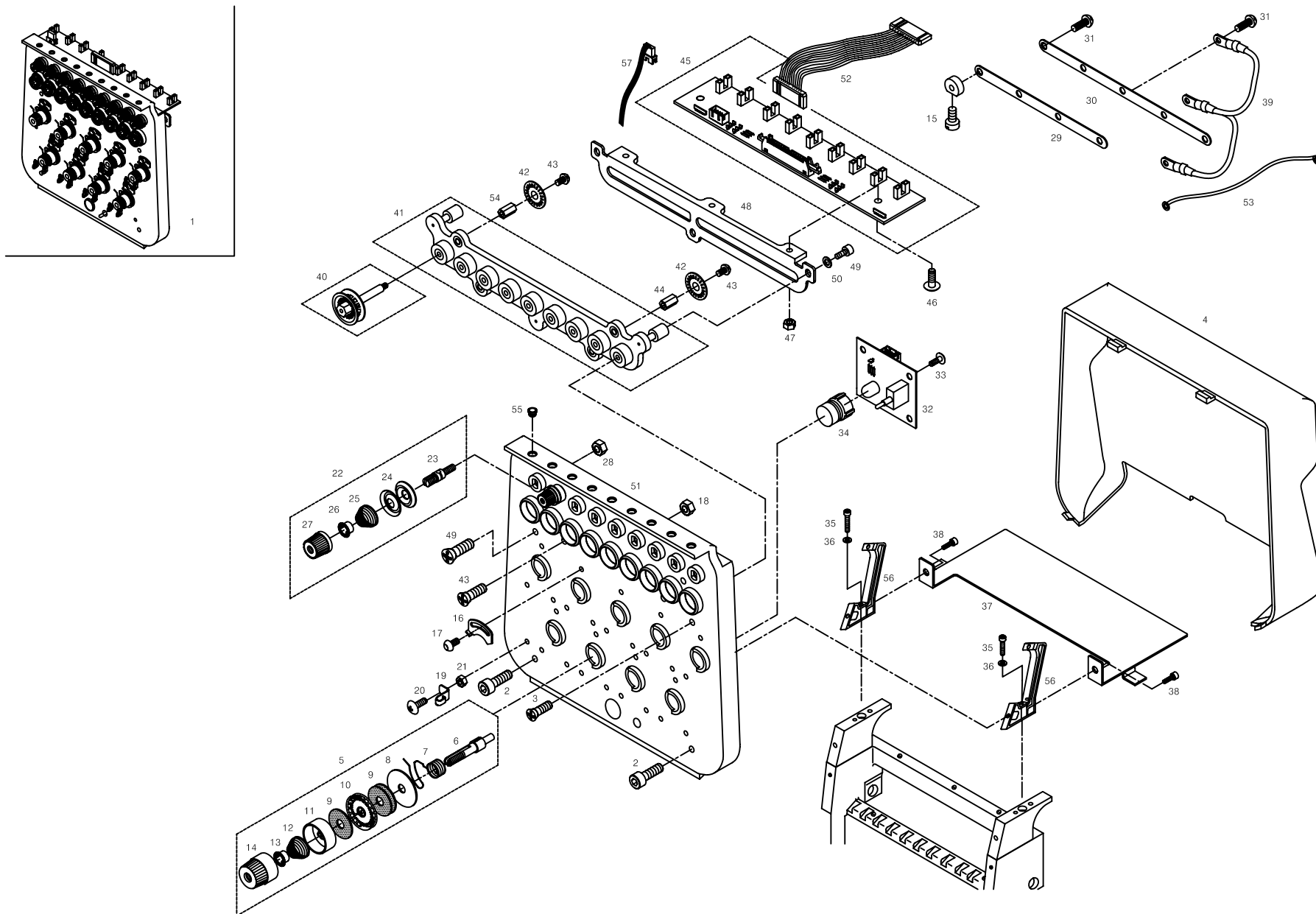
SWF®



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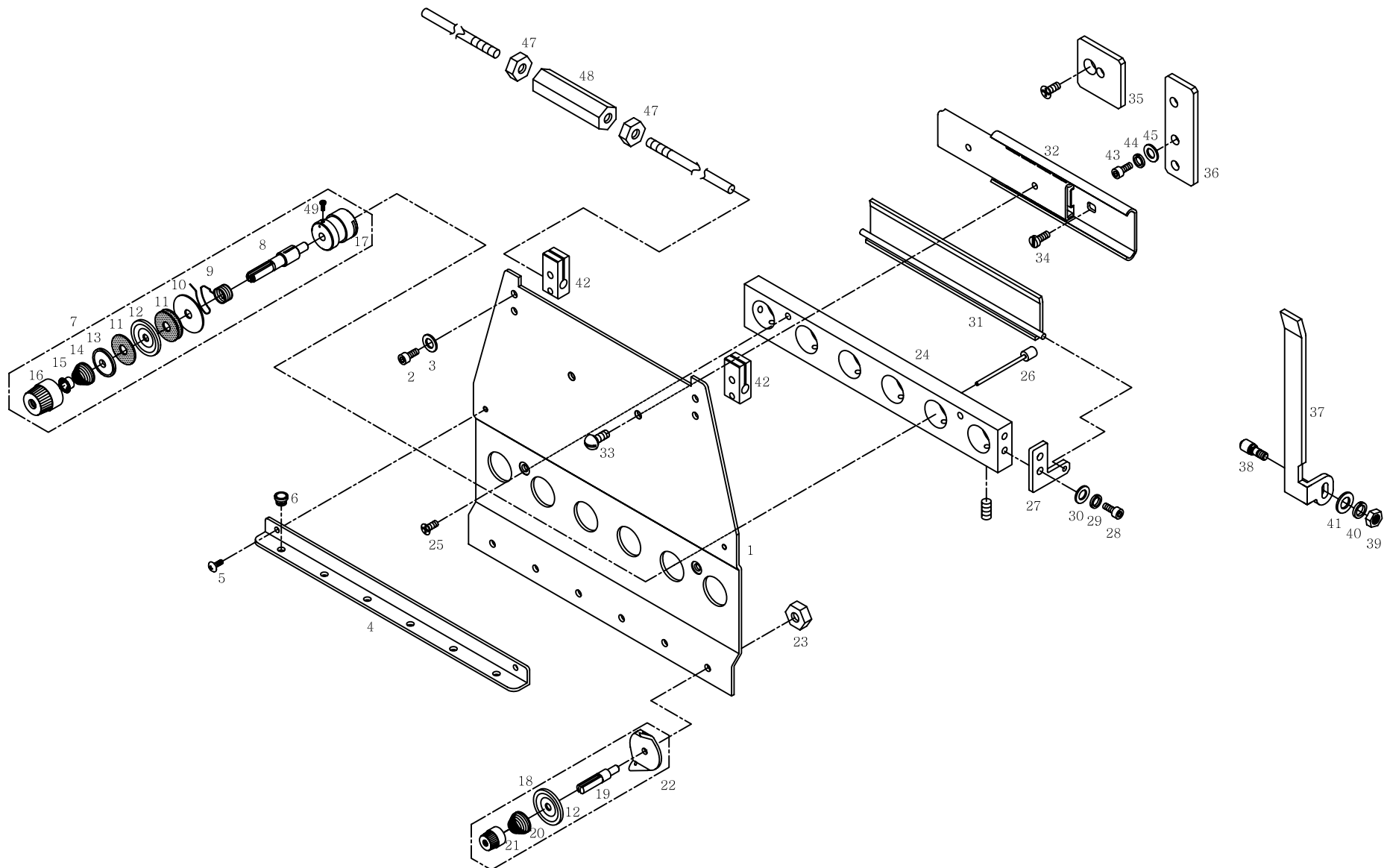
L1

Thread Tension Unit



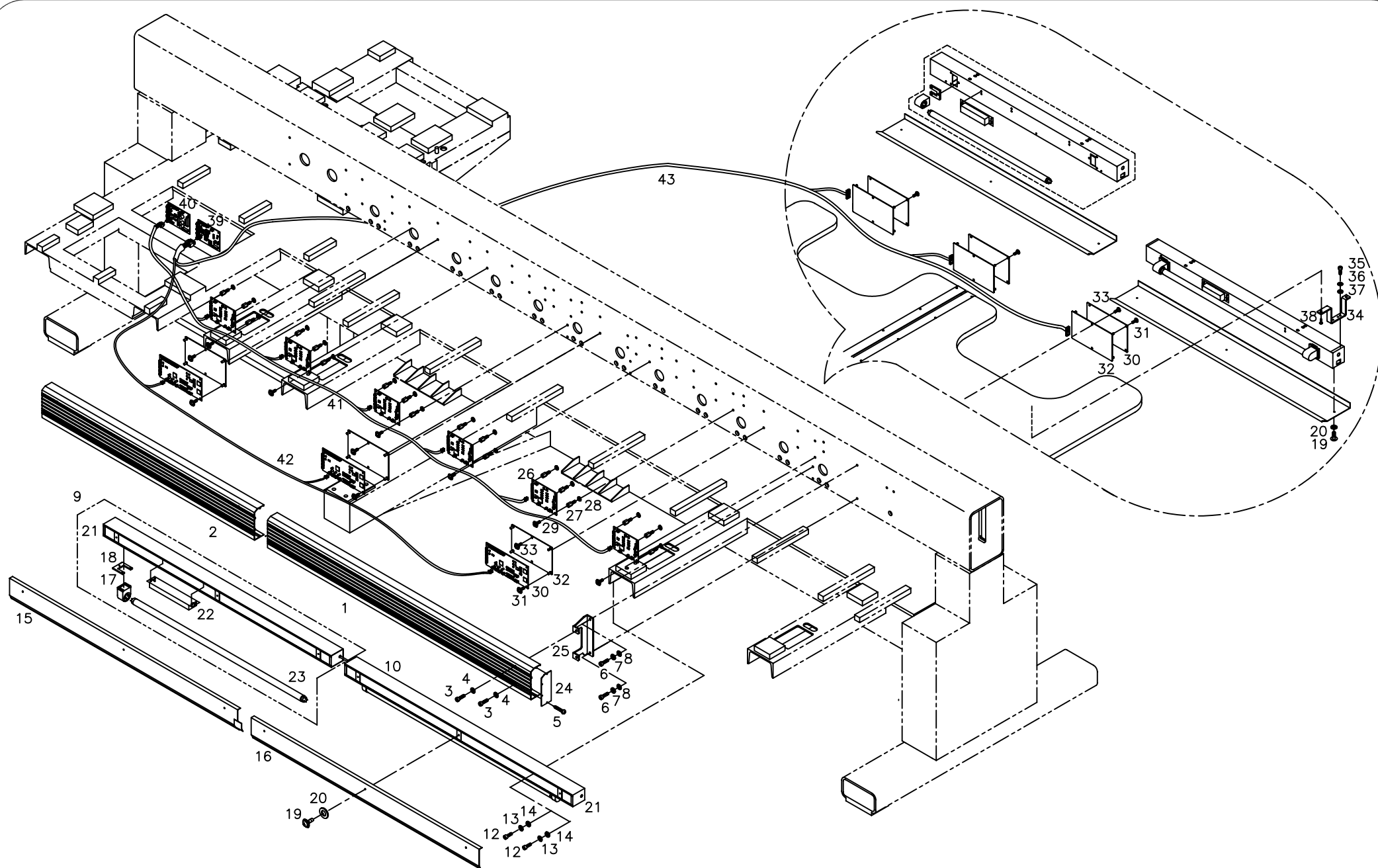
L2

Thread Tension Unit(Chenille)



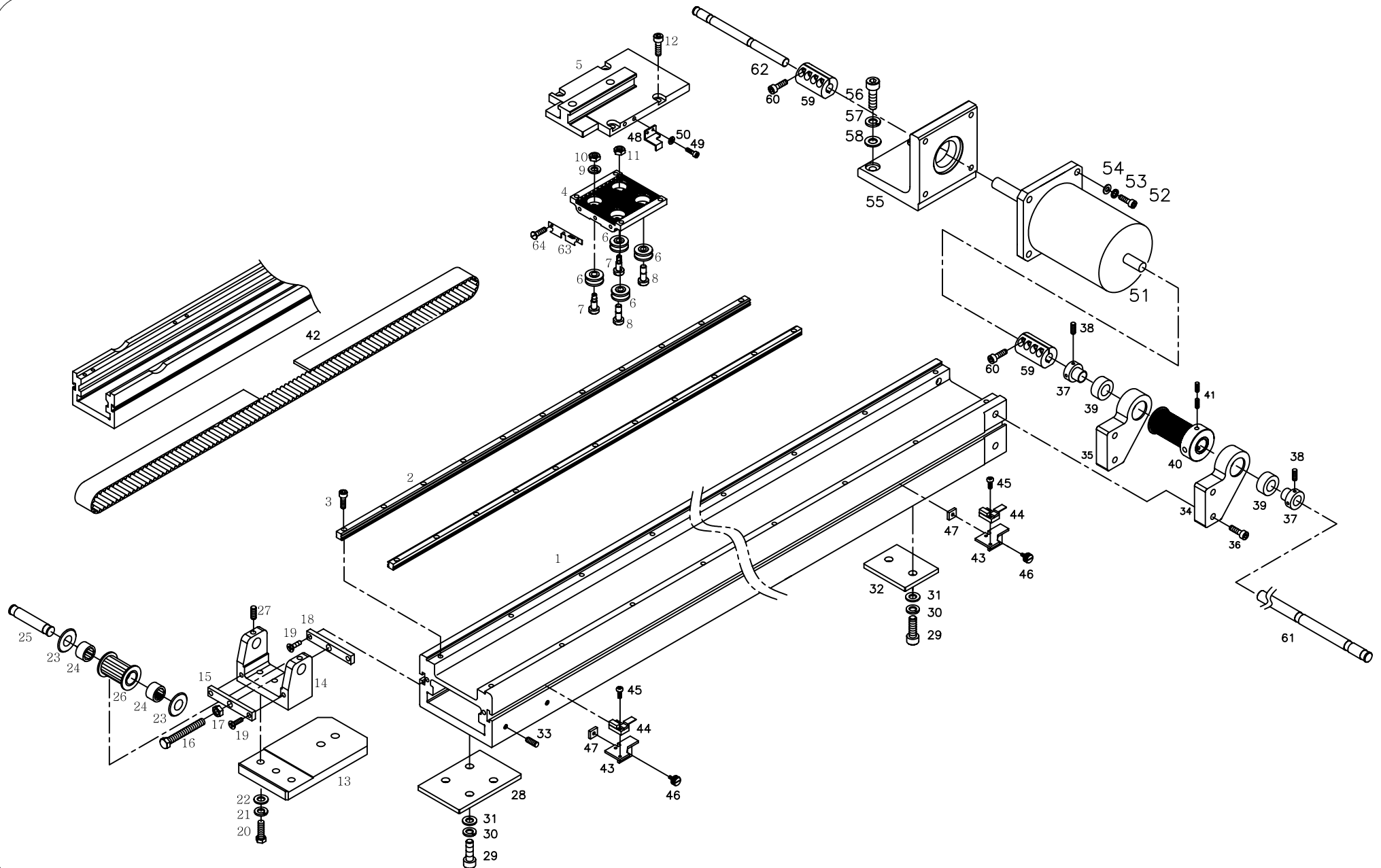
M

Sub-Control

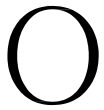


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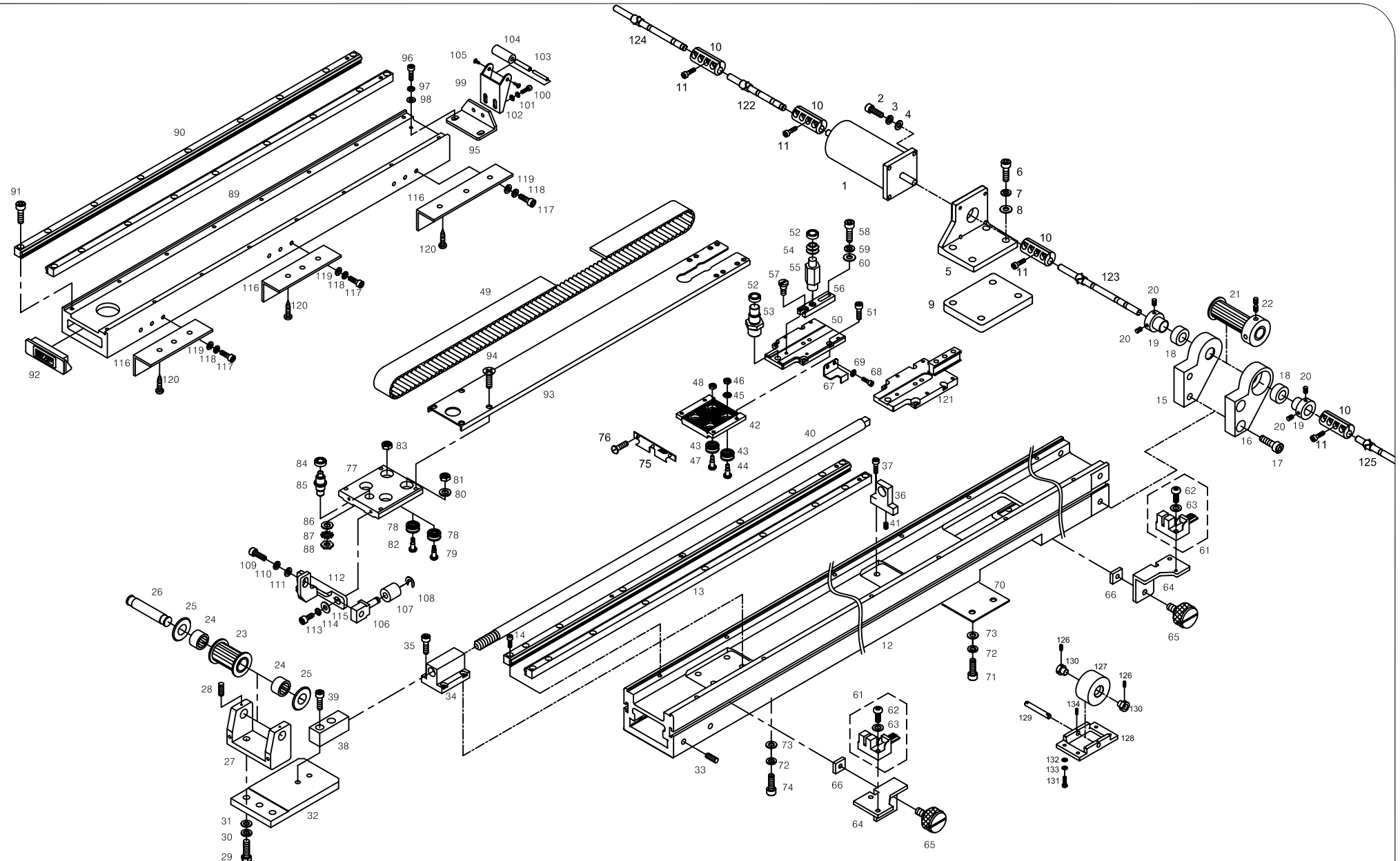
X-Axis Drive System



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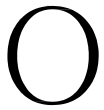


Y-Axis Drive System

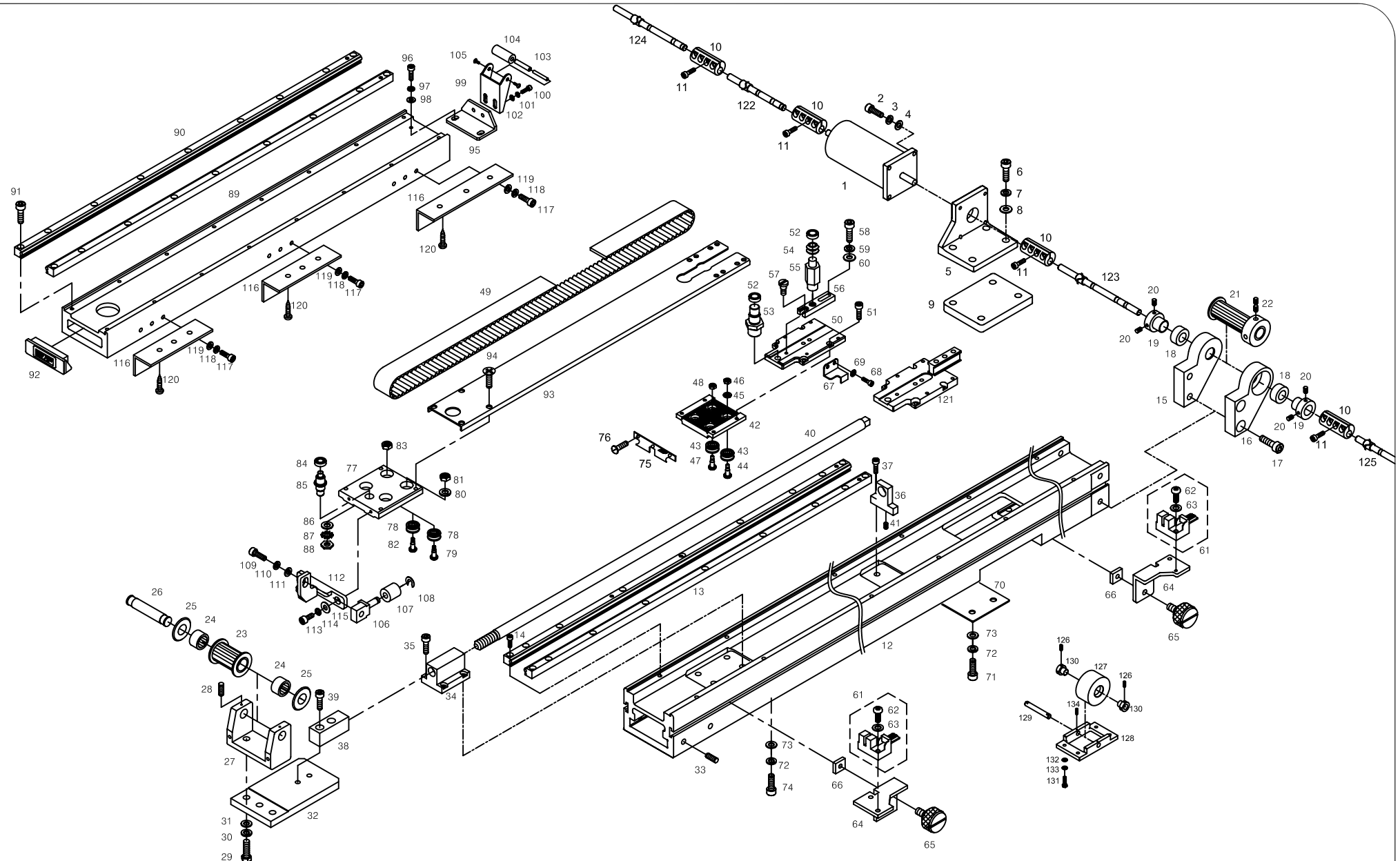


Ref.No	Part No.	Part Names	Q'ty
O-001	15047MT-UI12	Y-AXIS MOTOR	1
O-002	03003SC-4113	HEX. SOCKET BOLT "B"(M8*L35)	4
O-003	15095SW-3115	SPRING WASHER (@8)	4
O-004	04029SW-A001	STUD BOLT WASHER(S) (@8)	4
O-005	15103CA-A001	Y-AXIS MOTOR BRACKET	1
O-006	14027SC-4113	HEX.SOCKET BOLT (M8*L30)	4
O-007	15095SW-3115	SPRING WASHER (@8)	4
O-008	04029SW-A001	STUD BOLT WASHER(S) (@8)	4
O-009	15106PR-A001	SUPPORT PLATE "A" (T:2)	1
O-010	03003800B000	COUPLING	4
O-011	08091SC-7113	HEX. SOCKET BOLT (M6*L20)	16
O-012	GP-008442-00	Y-AXIS FRAME	4
O-013	15030AD-B021	Y CAM ROLLER GUIDE RAIL	2
O-014	04016MC-4113	CAM ROLLER GUIDE FIXED SCREW	20
O-015	15031CL-A001	TIMING PULLEY BRACKET (L)	1
O-016	15032CL-A001	TIMING PULLEY BRACKET (R)	1
O-017	14002SC-7113	HEX.SOCKET BOLT (M6*L15)	4
O-018	14065BR-A001	NEEDLE BEARING (NK18/16A)	2
O-019	04003500B000	NEEDLE BEARING COLLAR	2
O-020	04014SC-4517	HEX.SOCKET SET SCREW(M5*L5)	4
O-021	04001100B000	TIMING PULLEY C(18-S5M-32AF)	1
O-022	14060AF-4517	HEX.SOCKET SCREW(M6*L6)	4
O-023	04700100B000	X-TIMING PULLEY (S5M)	1
O-024	15042BR-A001	NEEDLE BEARING (1210ZZ)	2
O-025	15046RB-A001	DRIVING PIN WASHER (TW1225)	2
O-026	04104400B000	TIMING PULLEY DRIVING PIN	1
O-027	15027DC-A001	TIMING PULLEY BRACKET (C)	1
O-028	03022SC-4517	HEX. SOCKET SET SCREW(M4*L5)	2
O-029	15028SC-1111	HEX. BOLT (M6*L20)	3
O-030	03026SW-9115	SPRING WASHER (@6)	3
O-031	08057SW-1111	WASHER (@6)	3
O-032	04202400B000	TIMING PULLEY TENSION BASE(N)	1
O-033	15090SC-B001	HEX.SOCKET SET SCREW (M6*L10)	2
O-034	04200400B000	Y ADJUSTING SHAFT GUIDE (A)	1
O-035	16059SC-7113	HEX.SOCKET BOLT (M6*L12)	4
O-036	04200500B000	Y ADJUSTING SHAFT GUIDE (B)	1
O-037	16059SC-7113	HEX.SOCKET BOLT (M6*L12)	2
O-038	04200600B000	ADJUSTING SHAFT STOPPER	1
O-039	14006SC-7113	HEX.SOCKET SET SCREW(M8*L15)	2
O-040	15033CW-B001	CAM ROLLAR SCREW "B"	1

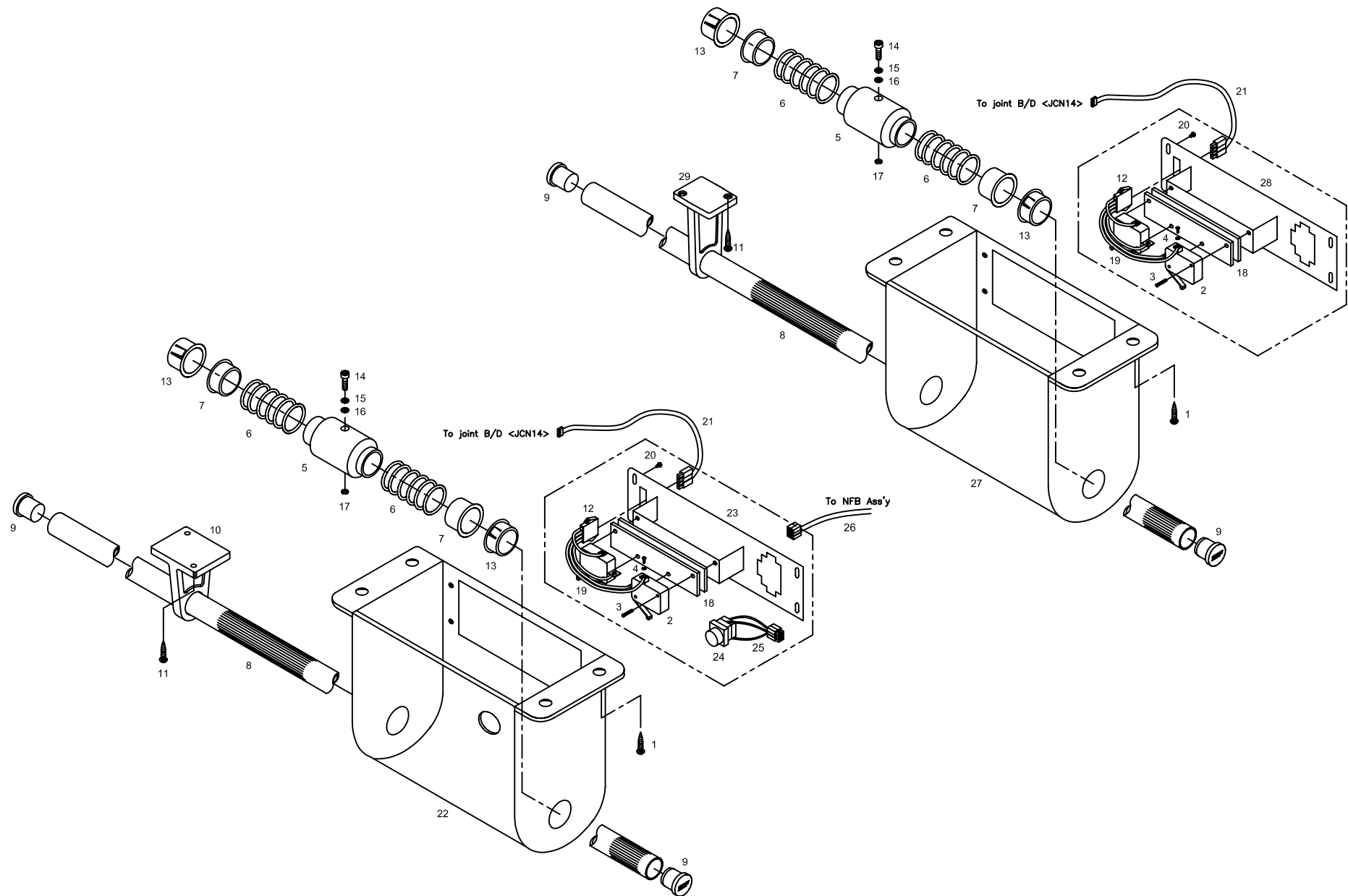
Ref. No	Part No.	Part Names	Q'ty
O-041	14061AF-4517	HEX.SOCKET SCREW(M8*L8)	1
O-042	04205000B000	BELT CATCHER PLATE (B)	1
O-043	15001BR-B001	CAM ROLLER BAEARING	4
O-044	15002CW-B001	CAM ROLLER STUD (A)	2
O-045	18014SW-3115	SPRING WASHER (@4-NO2)	2
O-046	15029SN-3211	HEX. NUT (M4-NO2)	2
O-047	15003CW-B001	CAM ROLLER STUD (B)	2
O-048	12010SN-1211	HEX.NUT (M5)	2
O-049	04000500H004	Y-DRIVE TIMING BELT (W:48)	1
O-050	GP-005612-00	Y-AXIS BEARING BLOCK (B)	2
O-051	15067SC-A001	HEX.SOCKET BOLT (M4*L7)	4
O-052	15077BR-B001	BALL BEARING (LR606NPPU)	2
O-053	15097CW-A001	RAIL GUIDE PIN "A"	1
O-054	18111CW-B001	FRAME 'E' ROLLER	1
O-055	15098CW-A001	RAIL GUIDE PIN "B"	1
O-056	04007200B000	BEARING ADJUSTING BLOCK "Y"	1
O-057	15074SC-A001	STOPPER STUD	1
O-058	03016SC-4113	CAP FRAME SET SCREW	2
O-059	18048SW-3115	SPRING WASHER (5@)	2
O-060	18049SW-3111	WASHER (@5)	2
O-061	15046EL-CT01	XY-SENSOR ASSY	2
O-062	07018SC-8118	PLUS SCREW (M3*L8)	2
O-063	06011SW-2111	WASHER (@3)	2
O-064	04000600F000	PERCEPTION SENSOR BRACKET X,Y	2
O-065	15120SC-A001	POSITION ADJUSTING SCREW	2
O-066	15056PR-B001	SQUARE WASHER	2
O-067	04000800H000	SENSOR PLATE "Y"	1
O-068	07035SC-7113	BRACKET SCREW (M3*L6)	2
O-069	06011SW-2111	WASHER (@3)	2
O-070	04001100H000	Y- FRAME SUPPORT PLATE	2
O-071	15019SC-4113	HEX. SOCKET BOLT (M8*L40)	4
O-072	15095SW-3115	SPRING WASHER (@8)	6
O-073	04029SW-A001	STUD BOLT WASHER(S) (@8)	6
O-074	15017SC-4113	HEX. SOCKET BOLT (M8*L45)	2
O-075	04000200B000	CAM ROLLER END SEAL B	1
O-076	03065SC-A001	GUARD PLATE SCREW	6
O-077	08400400I000	Y BEARING BLOCK (F)	1
O-078	15001BR-B001	CAM ROLLER BAEARING	4
O-079	15002CW-B001	CAM ROLLER STUD (A)	2
O-080	18014SW-3115	SPRING WASHER (@4-NO2)	2



Y-Axis Drive System

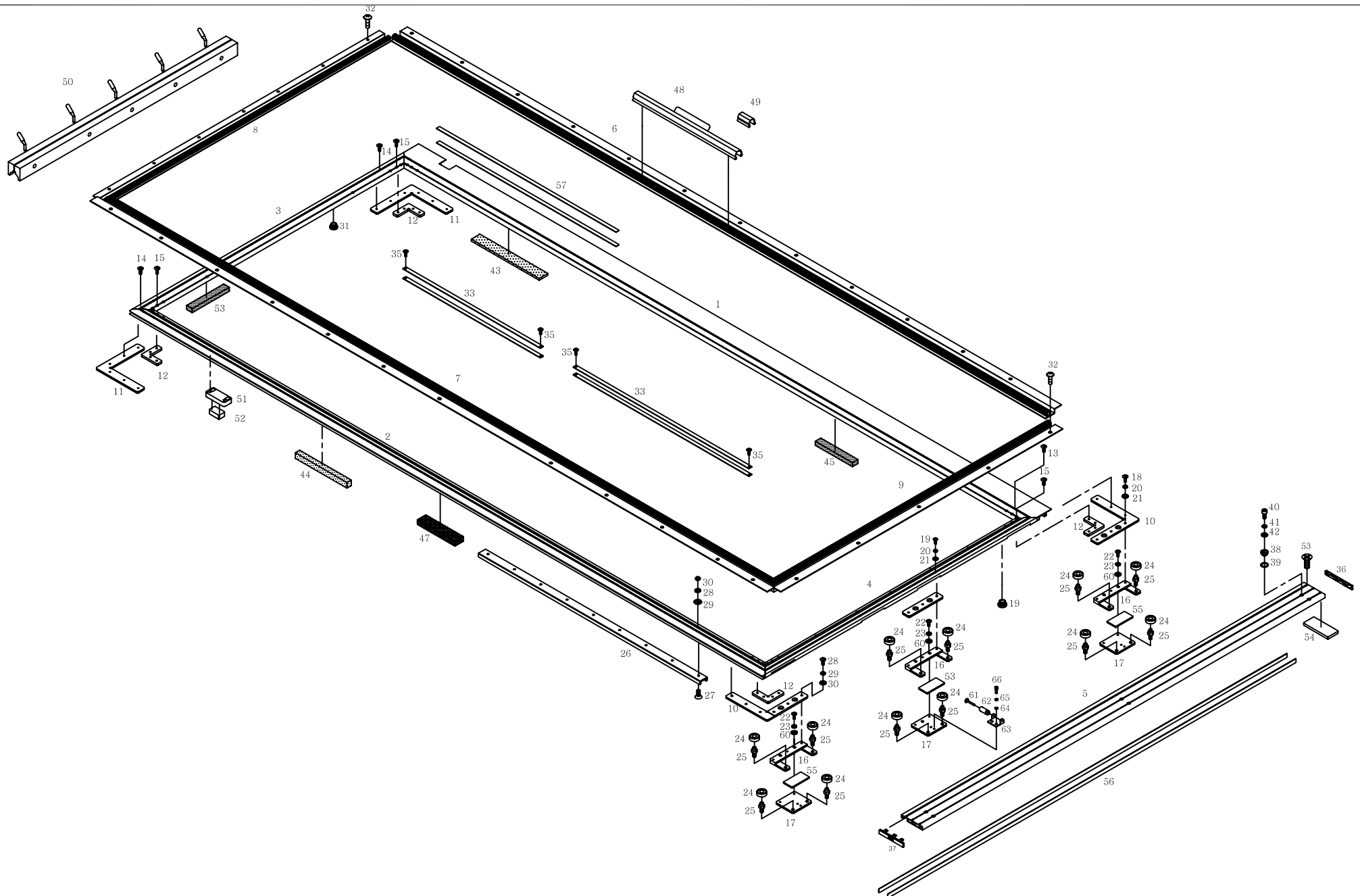


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Q

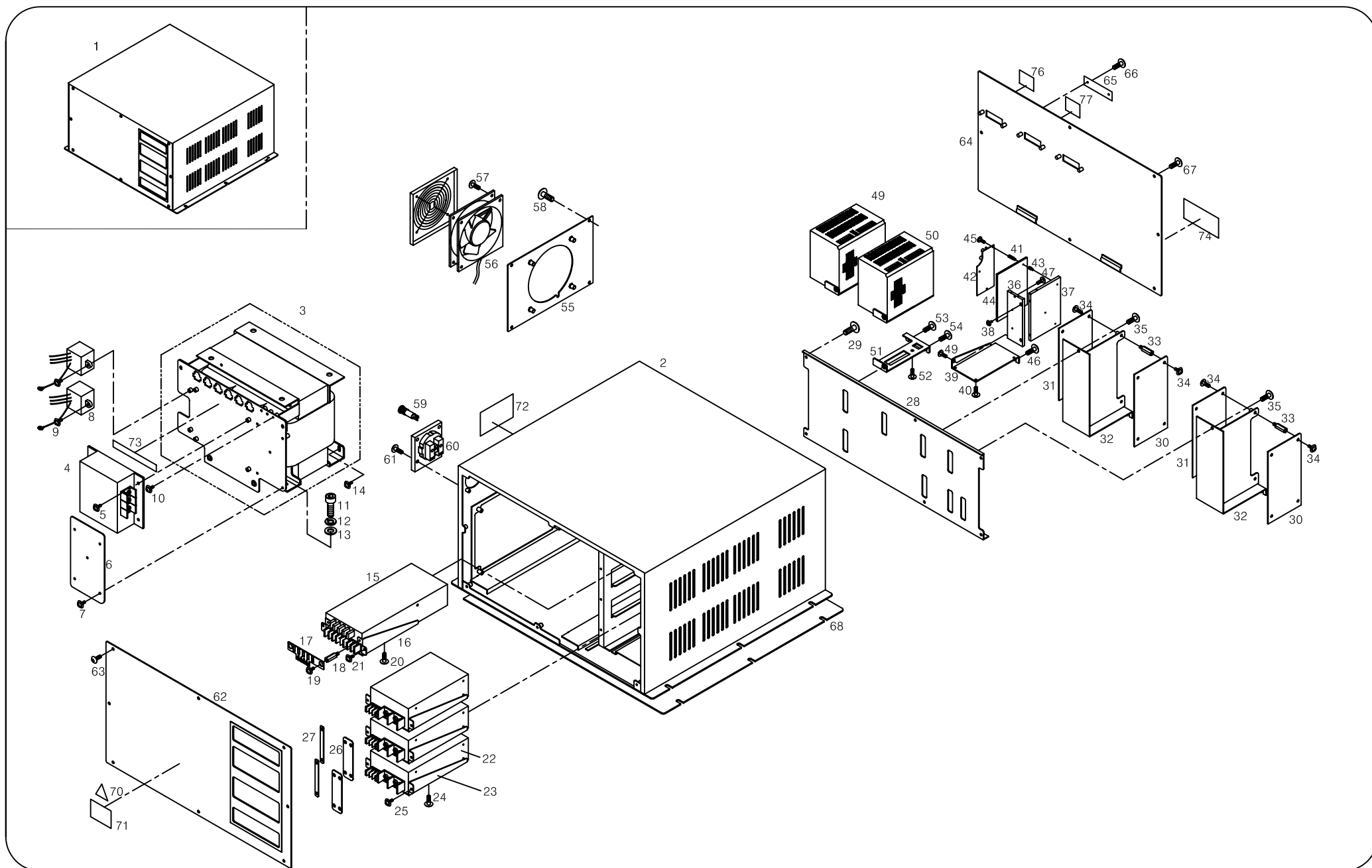
Frame



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R

Main Controller

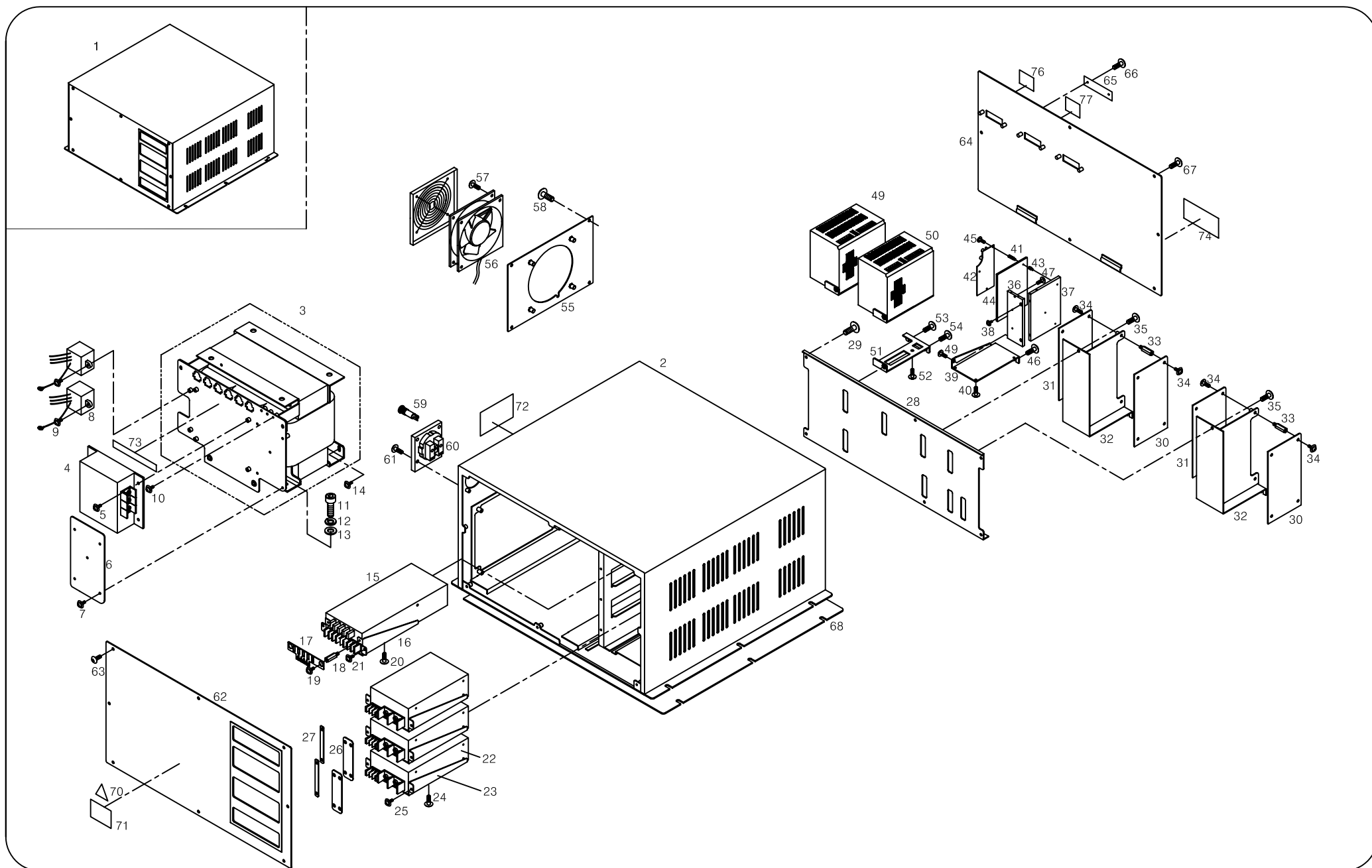


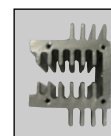
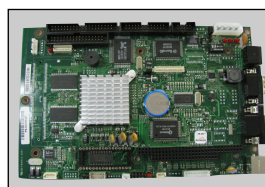
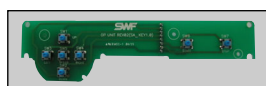
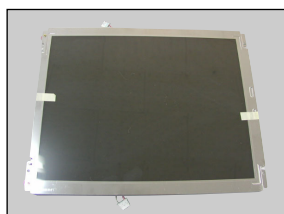
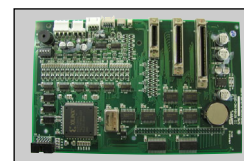
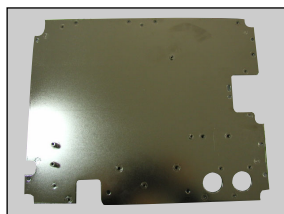
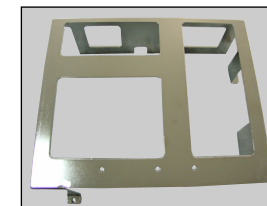
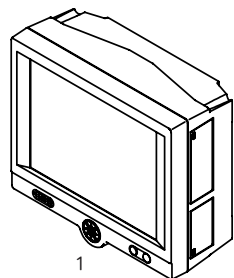
Ref.No	Part No.	Part Names	Q'ty
R-001	SWF-00000364	Control Box ASS'Y (set)	1
R-002	GP-009429,00	Control Box	1
R-003	AS-003157,00	Transformer ASS'Y (set)	1
	EP-000046-00	Transformer	1
	GP-009448,00	Fixing Bracket For Core (A)	1
	GP-009450,00	Fixing Bracket For Core (B)	1
	GP-009449,00	Fixing Bracket For Core (C)	1
	GP-010165,00	Fixing Bracket For Core (D)	1
	GP-009451,00	Fixing Bracket For Connect Plate	1
	GP-009452,00	Connect Plate	1
	07-004S-SM5S	Fixing Screw For Connect Plate (set) (M4×L10)	4
R-004	EP-000047-00	Noise Filter	1
R-005	07-004S-SM5S	Fixing Screw Noise Filter (set) (M4×L10)	4
R-006	BD-000242-00	Connect Board	1
R-007	07-004S-SM5S	Fixing Screw For Connect Board (set) (M4×L10)	5
R-008	bd-000168-00	Surge protector	2
R-009	07-004S-SM5S	Fixing Screw For Surge protector (set) (M4×L10)	2
R-010	07-004S-SM5S	Ground Screw For Connect Plate (set) (M4×L10)	3
R-011	10-016M-SW66	Fixing Screw For Transformer A (M6×L12)	2
R-012	10-003S-SW66	Spring Washer (Ø6)	2
R-013	10-004S-SW66	Washer (Ø6)	2
R-014	SC-000393,00	Fixing Screw For Transformer B (set) (M6×L12)	2
R-015	GP-0007472-00	Digital SMPS	1
R-016	GP-009436,00	SMPS Bracket (A)	1
R-017	BD-000243-00	SMPS Connect Board	1
R-018	GP-010736,00	Stud For SMPS Connect Board (4-6-10)	2
R-019	07-004S-SM5S	Fixing Scerw For SMPS Connect Board (set) (M4×L10)	2
R-020	07-004S-SM5S	Fixing Scerw For Digital SMPS (set) (M4×L10)	2
R-021	07-004S-SM5S	Fixing Scerw For SMPS Bracket (A) (set) (M4×L10)	2
R-022	EP-000015-00	24V SMPS	3
R-023	GP-009434,00	SMPS Bracket (B)	3
R-024	07-004S-SM5S	Fixing Scerw For 24V SMPS (set) (M4×L10)	12
R-025	07-004S-SM5S	Fixing Scerw For SMPS Bracket (B) (set) (M4×L10)	6
R-026	GP-009453,00	Copper Plate For SMPS (A)	4
R-027	GP-009454,00	Copper Plate For SMPS (B)	6
R-028	GP-009445,00	Driver Fixing Plate	1
R-029	07-004S-SM5S	Fixing Scerw For Driver Fixing Plate (set) (M4×L10)	6
R-030	BD-000245-00	Joint Board (A)	2
R-031	BD-000245-00	Joint Board (B)	2
R-032	GP-009442,00	Fixing Bracket For Joint Board	2

Ref. No	Part No.	Part Names	Q'ty
R-033	10-012M-PT10	Stud For Joint Board (3-5-15)	8
R-034	10-021M-SW66	Fixing Scerw For Joint Board (set) (M3×L6)	16
R-035	07-004S-SM5S	Fixing Scerw For J/B Fixing Bracket (set) (M4×L10)	6
R-036	GP-009444,00	Radiator For Trimming Driver (A)	1
R-037	GP-009443,00	Radiator For Trimming Driver (B)	1
R-038	06-001C-SE50	Fixing Scerw For Trimming Driver Radiator (A) (M4×L8)	2
R-039	GP-009433,00	Fixing Bracket For Trimming Driver	1
R-040	10-0004M-SW68	Fixing Scerw For Trimming Driver Radiator (B) (M3×L5)	4
R-041	08-002M-SW67	Stud For Trimming Driver (A) (3-5-10)	3
R-042	BD-000244-00	Trimming Driver (A)	1
R-043	10-012M-PT10	Stud For Trimming Driver (B) (3-5-25)	3
R-044	BD-000244-00	Trimming Driver (B)	1
R-045	10-021M-SW66	Fixing Scerw For Trimming Driver (set) (M3×L6)	3
R-046	07-004S-SM5S	Fixing Scerw For Trimming Driver Bracket A (set) (M4×L10)	2
R-047	10-042M-AU10	Fixing Scerw For Trimming Driver Bracket B (set) (M4×L16)	1
R-049	14-0000-HB10	X-Driver	1
R-050	14-0000-HB10	Y-Driver	1
R-051	GP-009434,00	Fixing Bracket For Drive	3
R-052	06-001C-SE50	Fixing Scerw For Drive (M4×L8)	9
R-053	07-004S-SM5S	Fixing Scerw For Drive Fixing Bracket A (set) (M4×L10)	6
R-054	10-042M-AU10	Fixing Scerw For Drive Fixing Bracket B (set) (M4×L16)	3
R-055	GP-009431,00	Side Cover	1
R-056	EP-000048-00	Fan	1
R-057	01-002M-AU12	Fixing Scerw For Fan (M4×L35)	4
R-058	10-003M-PT01	Fixing Scerw For Side Cover (Truss) (M4×L8)	4
R-059	EP-000049-00	Fuse Holder	1
R-060	EP-000050-00	External Concent	1
R-061	10-0725S-SW70	Fixing Scerw For External Concent (M3×L12)	4
R-062	GP-009439,00	Front Cover	1
R-063	10-003M-PT01	Fixing Scerw For Front Cover (Truss) (M4×L8)	6
R-064	GP-009441,00	Rear Cover	1
R-065	02-001B-SW67	Switch Cover	3
R-066	SC-000395,00	Fixing Scerw For Switch Cover (Truss) (M3×L10)	6
R-067	10-003M-PT01	Fixing Scerw For Rear Cover (Truss) (M4×L8)	6
R-068	GP-009455,00	Base Rubber	2
R-069	09-023C-SC-53	Q · C PASSED Sticker	1
R-070	01-003S-BT01	CAUTION Sticker	1
R-071	04-003S-AU10	WARNING Sticker	1
R-072	01-004S-BT01	Fan claning Sticker	1
R-073	GP-009829,00	Input Voltage Sticker	1

R

Main Controller

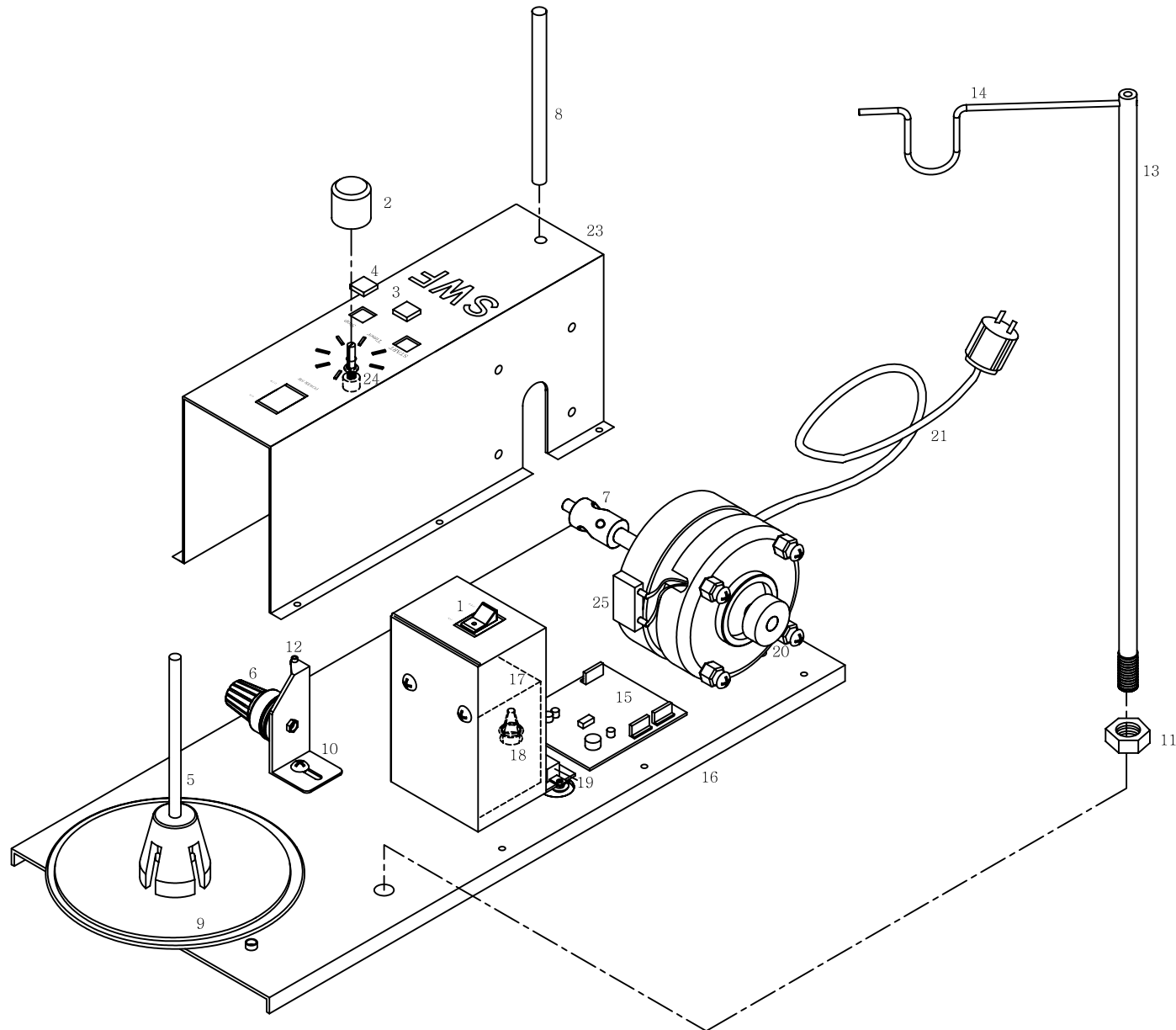




T

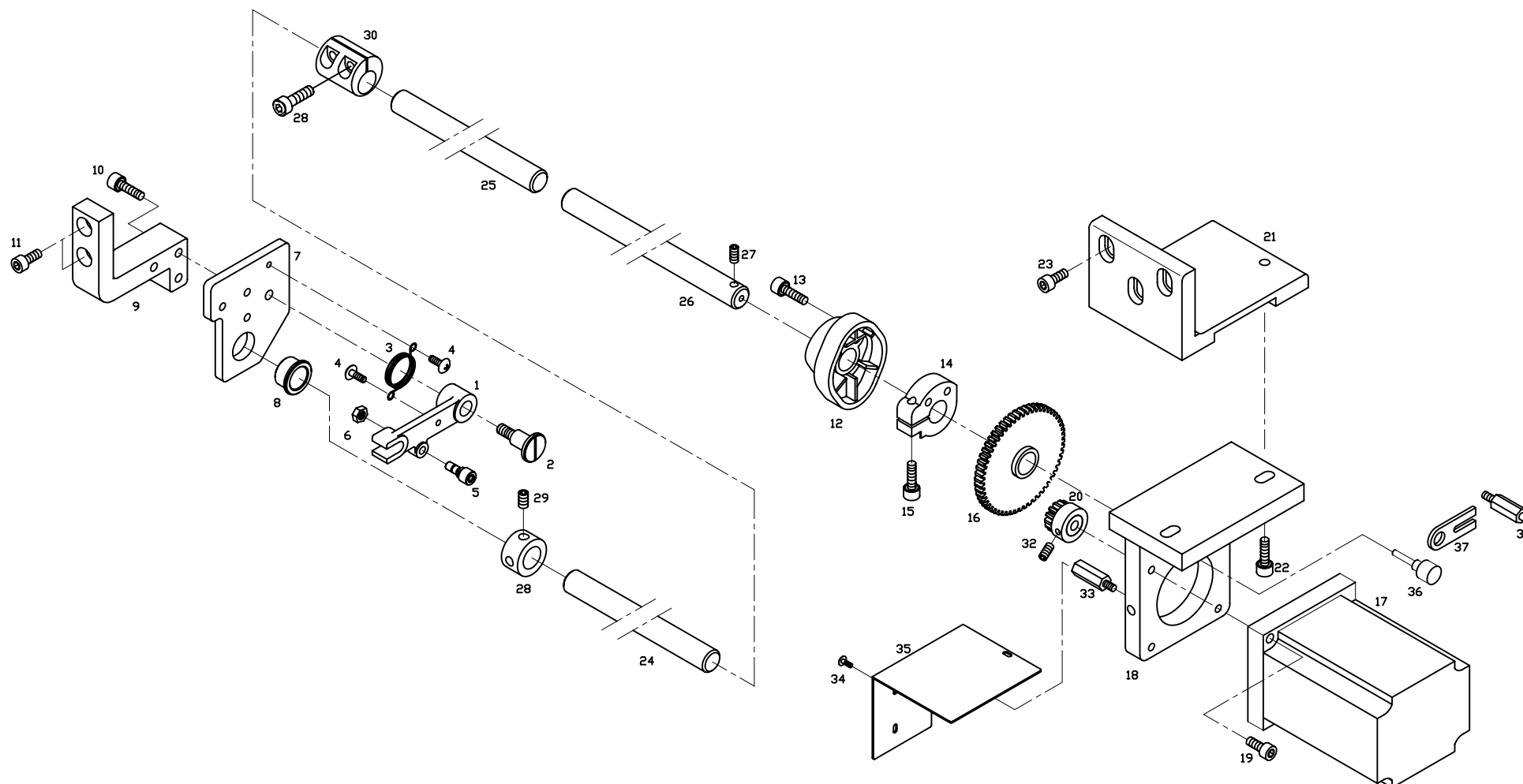
Bobbin Winder

SWF®



U

Thread Release



V

Lubrication

