



TC Series PARTS BOOK

Version:03000V4

THINK BEYOND

PREFACE

This parts list is the summary of new and original structures, the structure of this parts list is more hierarchical and detailed, there have more choices to choosing materials. We are committing to bring customers a better experience.

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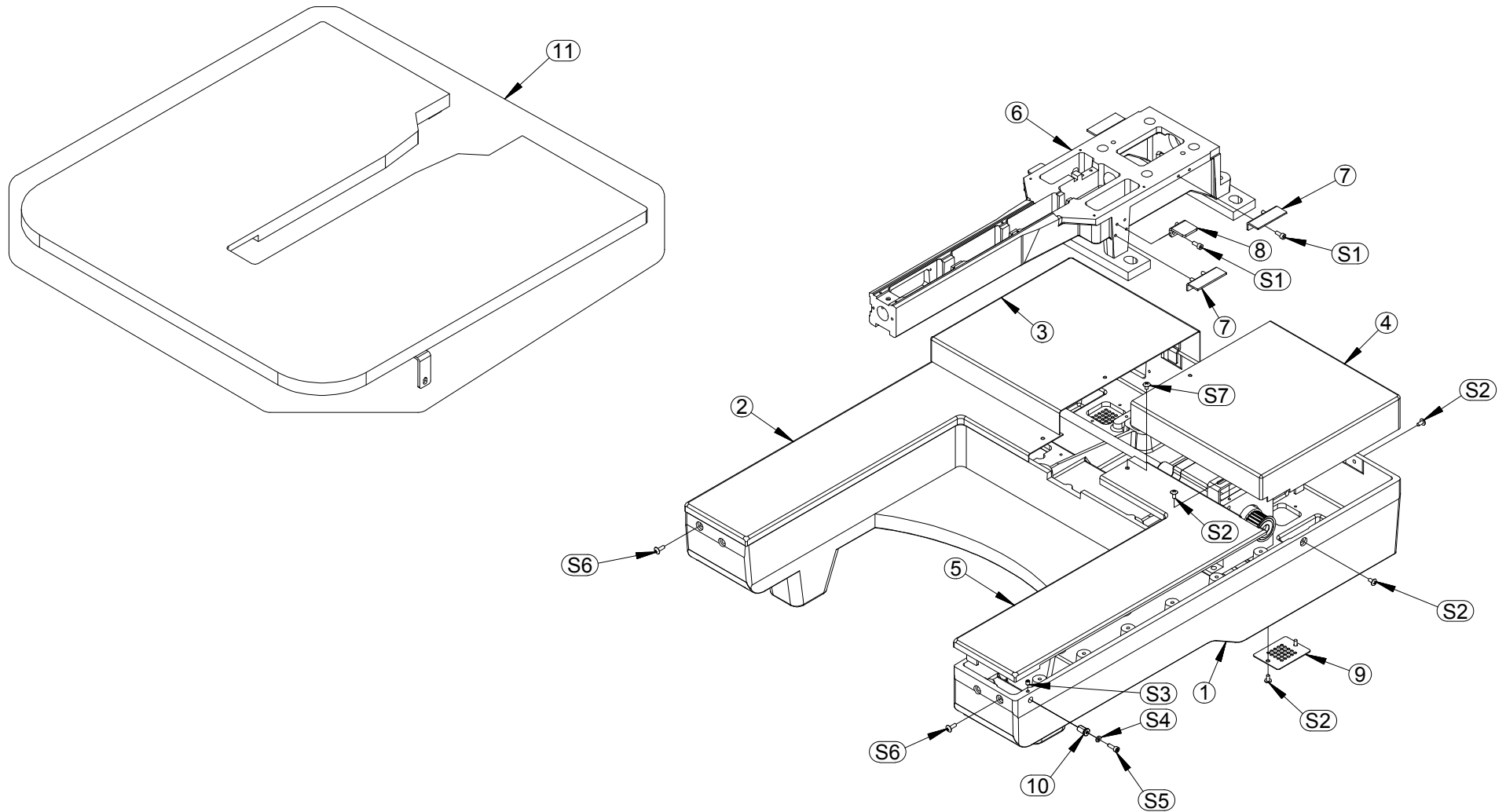
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01.TABLE AND COVERS

03010V4



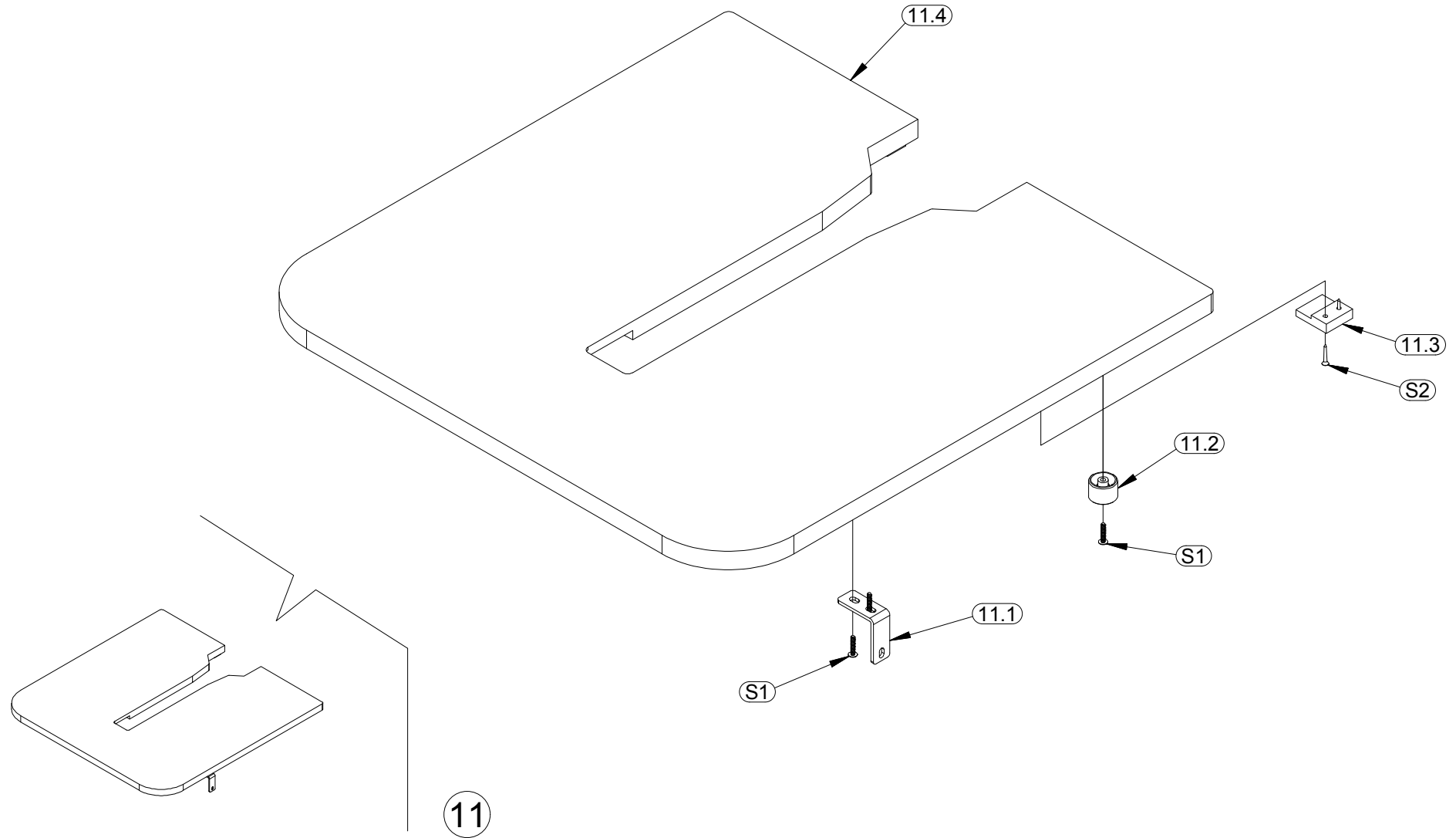
01.TABLE AND COVERS

03010V4

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01-1.TABLE AND COVERS

03010V4



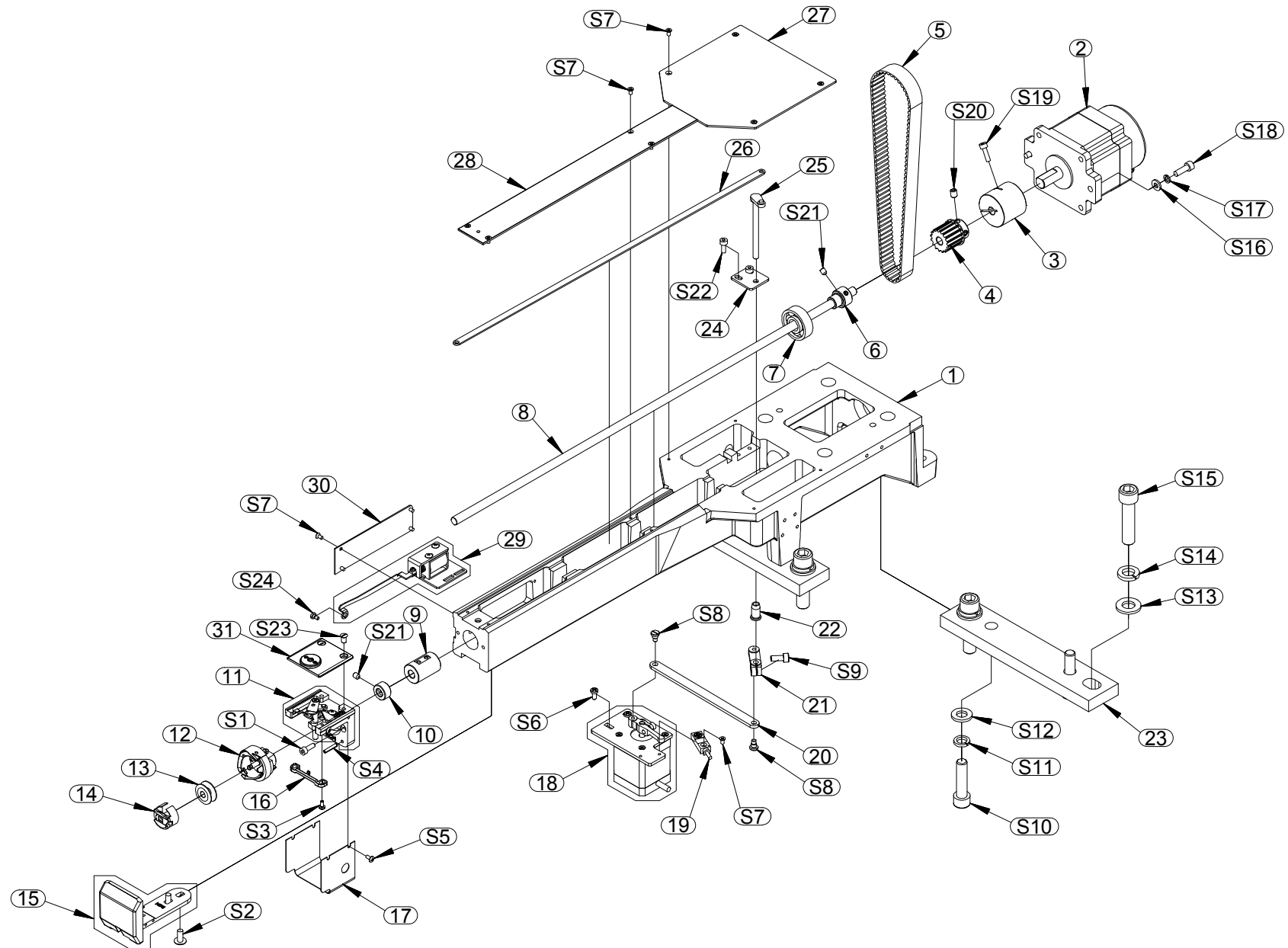
01-1.TABLE AND COVERS

03010V4

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02.ROTARY HOOK BASE

03020V4



02.POTARY HOOK BASE

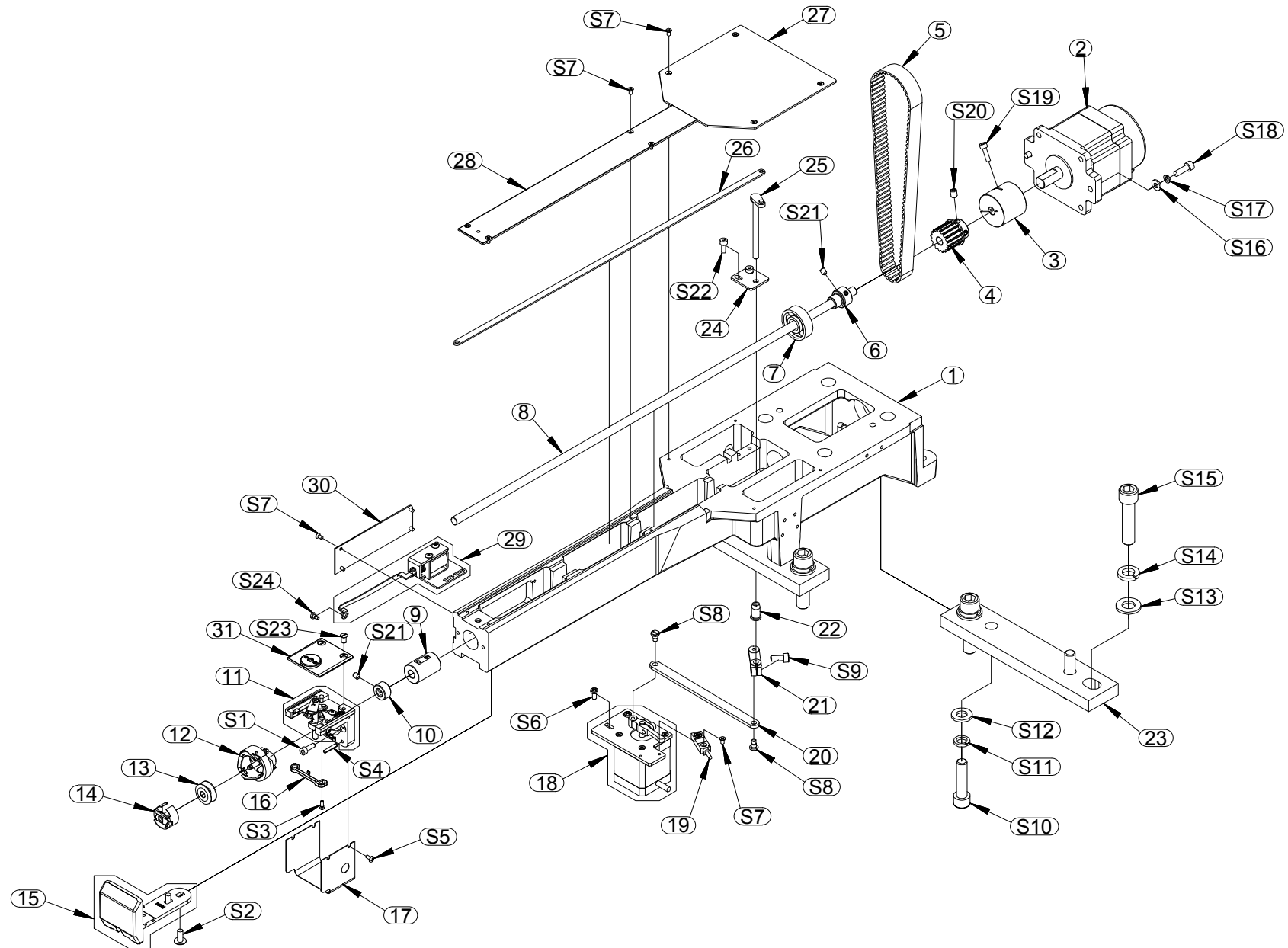
03020V4

No.	Serial No.	Part name	Remark
1	03021101VA	Shuttle Box-SR-P	
2	03021191	70 Motor-Main Axis-L350	
3	80037912BA	Coupler	
4	80025602	Timing Belt 16-S5M-20-DTB	
5	80025506	525-S5M-16 Timing Belt	
6	80037901	Bearing Collar-ID7.94OD12	
7	80031222	Bearing 32-12-10	
8	03021107BA	Rotray Hook Shaft-DT	
9	02101131	Lower Shaft Arm Shaft Sleeve	
10	02010633	Baffle Ring Of Rotating Shuttle Box - SY	
11	02101660	Needle Plate Base Assembly-SR-C	
12	80620291	Rotary Hook-KHS12-RYP	
13	80620302	Bobbin	
14	80620301	Bobbin Case	
15	02101661	Picker Assembly-SR-C	
16	03021322	Rotary Position Hook	
17	02101621	Needle Plate Cover-SR-C	
18	03021281	Trimming Motor Base-Assembly	
19	80333601	Micro Approximity Switch	
20	03021204	Trimming Connection Rod	
21	01400311	Moving Cutter Rod Chuck	
22	01400315	Shaft Sleeve-5	
23	03021103	Support Plate-Shuttle Box-P	
24	03020612	Mounting Plate-Trimming Driving Bar-SR-P	

No.	Serial No.	Part name	Remark
25	3011150140	Trimming Rotating Rod-Shuttle Box-MT	
26	03020611	Thread Trimming Rod-SR-P	
27	03020613	Rear Cover Of Shuttle Box-SR-P	
28	03020614	Upper Cover Of Shuttle Box-SR-P	
29	03020660	Picker Solenoid Assembly-SR-P	
30	03020621	Cover-Picker-SR-P	
31	02101611VA	Needle Plate -SR-C-H	
S1	80810412	M4X12 Cylinder Head Hexagon - Black	
S2	80746512	M5X12 Screw	
S3	80740306	Screw M3*6-Small Head Philips	
S4	80685135	Cylinder Pin	
S5	80746306	Screw M3*6	
S6	80740108	Screw M4*8	
S7	80860326	M3*6 Flat Head Philips Screw	
S8	80924211	M4*4-5*3.5 Screw	
S9	80810512	Hexagon Socket Head Cap Screw M5X12- Black	
S10	80811040	M10*40 Hexagon Socket Head-Black	
S11	80901013	M10 Spring Cushion-Black	
S12	80901002	Flat Washer M10	
S13	80901202	M12 Thick Flat Cushion- Nickel-Plated	
S14	80901213	M12 Spring Cushion-Black	
S15	80811240	M12*40 Hexagon Socket Head	
S16	80900501	M5 Plain Washer	
S17	80900513	M5 Spring Cushion-Black	

02.ROTARY HOOK BASE

03020V4



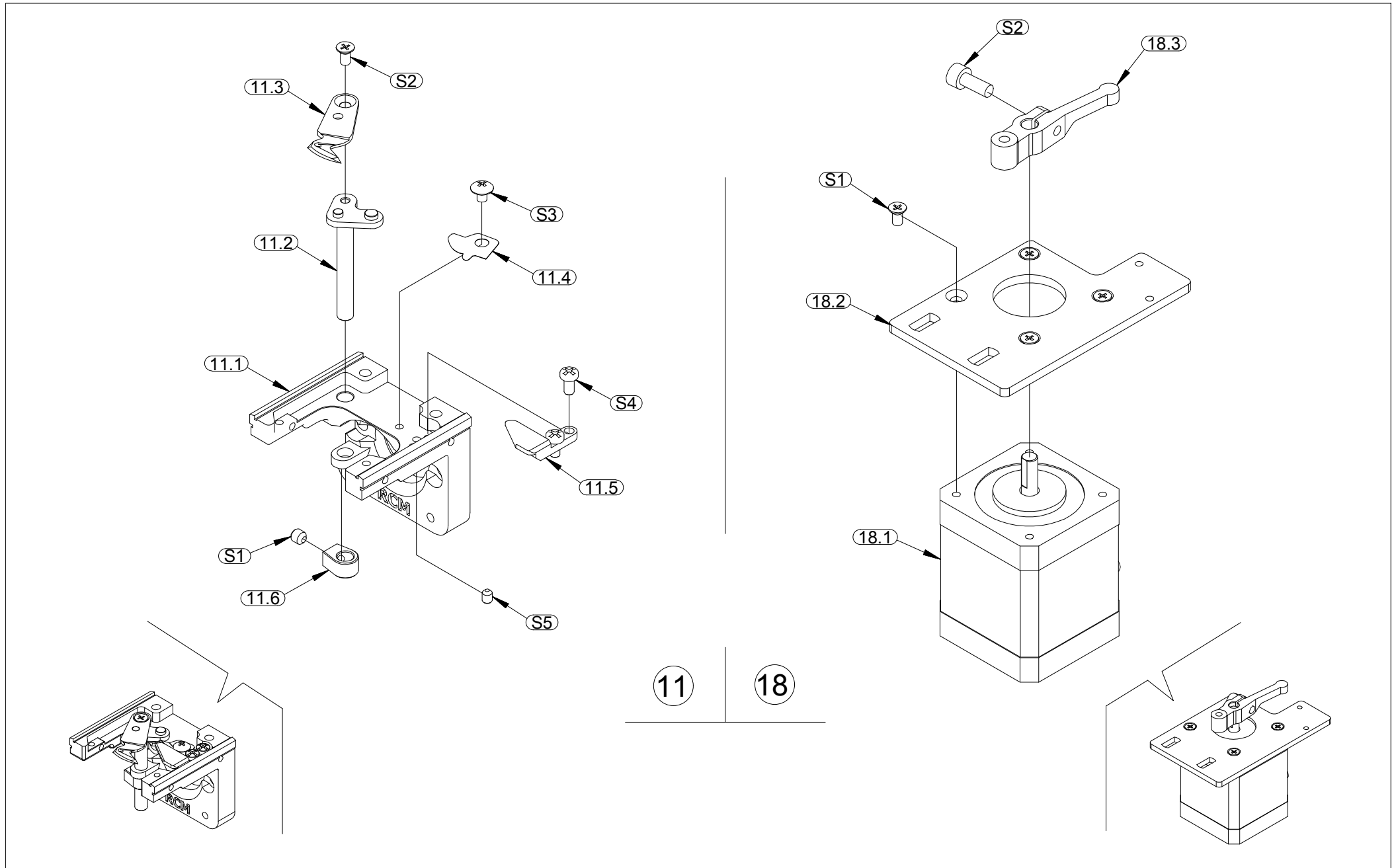
02.ROTARY HOOK BASE

03020V4

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02-1.ROTARY HOOK BASE

03020V4



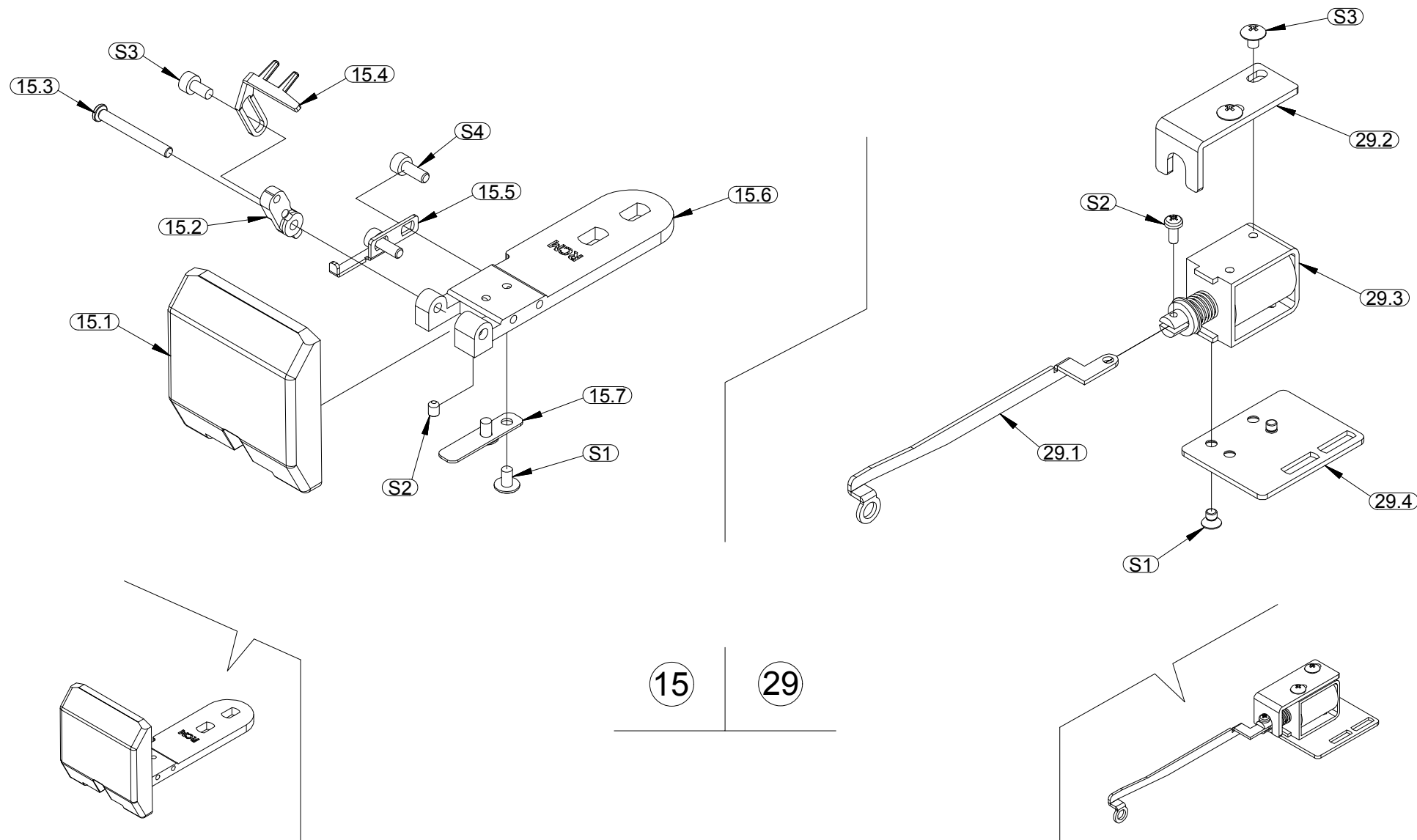
02-1.ROTARY HOOK BASE

03020V4

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02-2.ROTARY HOOK BASE

03020V4

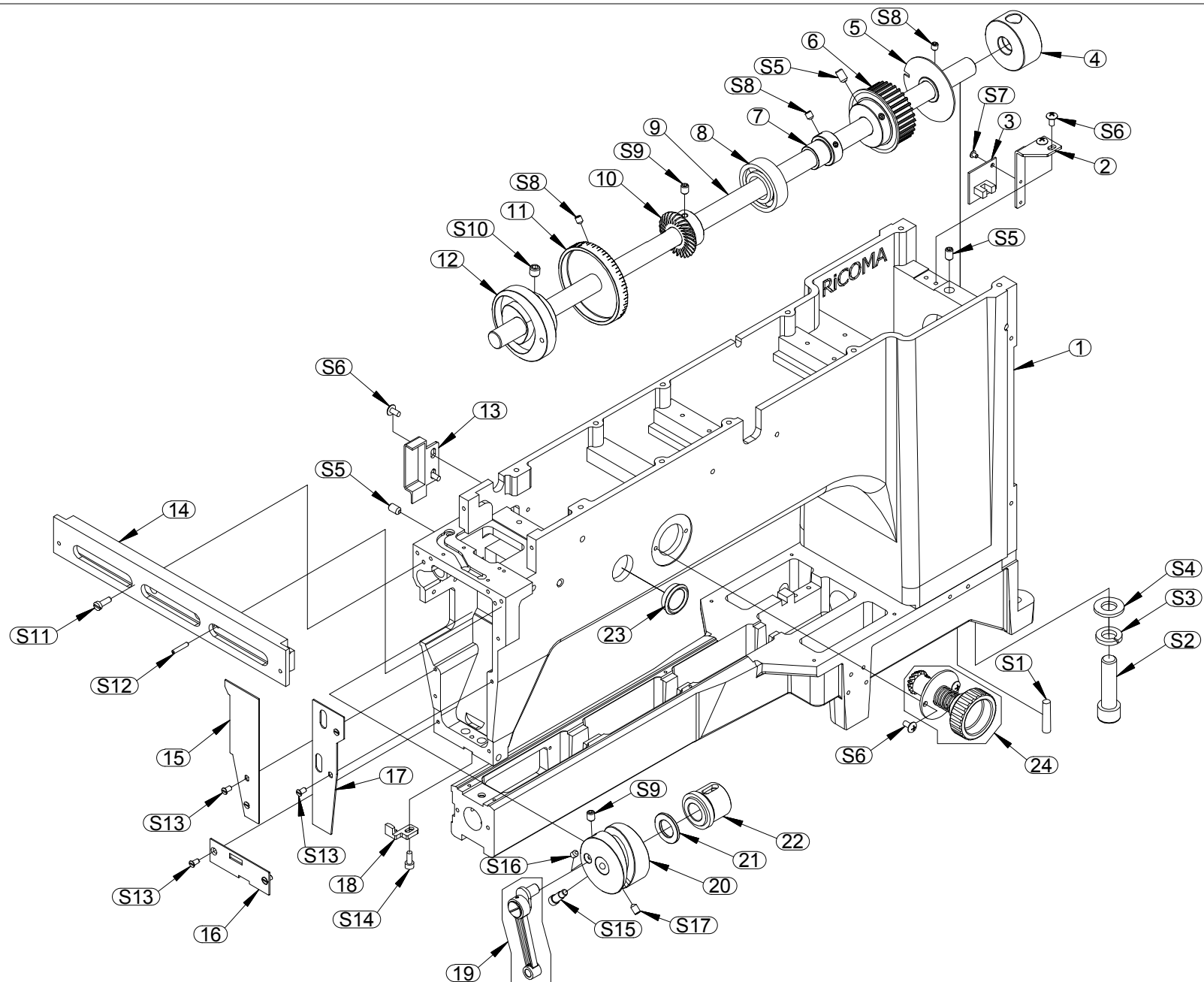


02-2.ROTARY HOOK BASE

03020V4

No.	Serial No.	Part name	Remark
15	02101661	Picker Assembly-SR-C	
15.1	02101622	Front Cover-SR-C	
15.2	02101633VA	Positioning Block-Picker-SR-C	
15.3	02101634	Picker Shaft-SR-C	
15.4	02010624	Picker-SY	
15.5	02010642VA	Limit Plate Of Picker-SR-C	
15.6	02101631	Picker Mounting Base-SR-C	
15.7	02101632	Shrapnel-Picker-SR-C	
S1	80746306	Screw M3*6	
S2	80880304	Hexagon Socket Set Screw M3*4- Black	
S3	80810306	M3*6 Cylinder Head Hexagon - Black	
S4	80810308	M3*8 Cylinder Head Hexagon - Black	
29	03020660	Picker Solenoid Assembly-SR-P	
29.1	02101635	Picker Connecting Rod-SR-C	
29.2	03021512	Picker Sonlenoid Limt Plate	
29.3	80320230	Picker Solenoid-DC30V	
29.4	03020622	Mounting Plate-Picker Solenoid-SR-P	
S1	80860304	M3*4 Flat Head Philips Screw	
S2	80742506	Big Round Head Cross Screw-M2.5*6	
S3	80746304	Screw M3*4	

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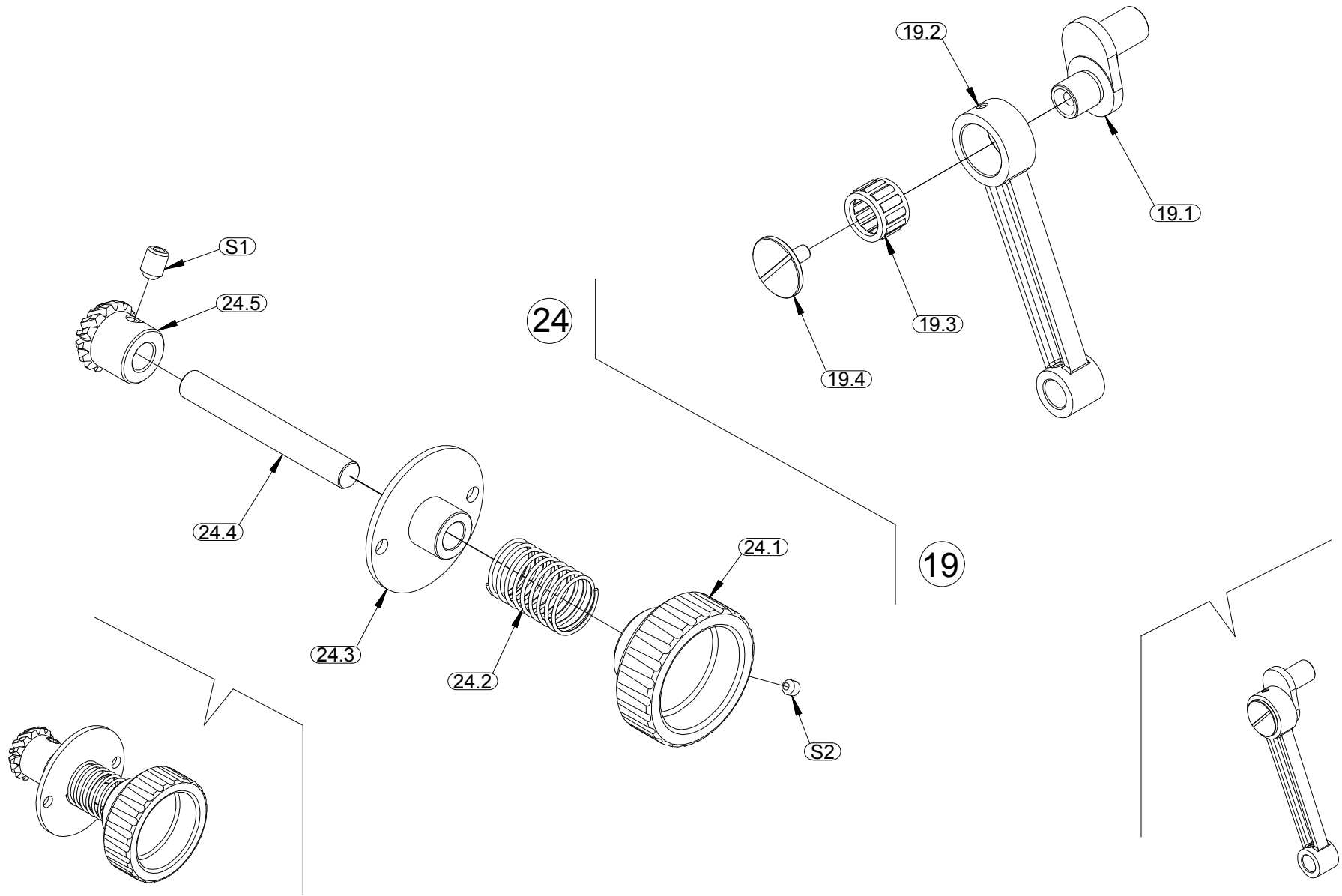


03.ARM

03030V4

No.	Serial No.	Part name	Remark
1	03040101A	Machine Head	
2	03041208	Zero Postion Sensor Bracket	
3	03150810	Sensor Board-Zero Position	
4	03041203	Main Shaft Rear Bushing	
5	03041207	Zero Position Baffle	
6	80025601	32-S5M-20-DTm Pulley	
7	80031502	Bearing Collar-15-20	
8	80032022	Deep Groove Ball Bearing-6004	
9	03041201	Upper Shaft- P	
10	01030131	Large Shaft Gear	
11	03041211	Main Shaft Dial	
12	03040404	Presser Foot Cam	
13	03040141	Right Cover-L	
14	03040196CA	Needle Case Guide Rail -15	
15	03040125	Front Arm-Left Cover	
16	03040123	Arm Lower Cover	
17	03040124	Front Arm-Right Cover	
18	03040121CA	Needle Bar Case Positioning Hook-Cording Device	
19	03040292	Needle Bar Driving Set	
20	03040203	Arm Cam Set	
21	03041204	Washer-Handpiece Cam	
22	03041202	Main Shaft Front Bushing	
23	03041212	Dial Viewer	
24	03041391	Adjustment Handle Set	

No.	Serial No.	Part name	Remark
S1	80682101	6*30 Pin	
S2	80811040	M10*40 Hexagon Socket Head-Black	
S3	80901013	M10 Spring Cushion-Black	
S4	80901002	Flat Washer M10	
S5	80880610	M6*10 Screw	
S6	80746408	Screw M4*8	
S7	80742304	M3*4 Screw	
S8	80880506	M5*6 Hexagon Socket Set Screw	
S9	80880608	M6*8 Hexagon Socket Set-Black	
S10	80880808	Hexagon Socket Set Screw M8*8	
S11	80924144	Flat Head Screw M4*12	
S12	80685135	Cylinder Pin	
S13	80924121	9/64*6 Screw	
S14	80810410	M4*10 Hexagon Socket Caphead Screw	
S15	03040205	Cam Pin	
S16	80880505	Hexagon Socket Set Screw M5*5-Black	
S17	80880508	M5*8 Hexagon Socket Set Screw	



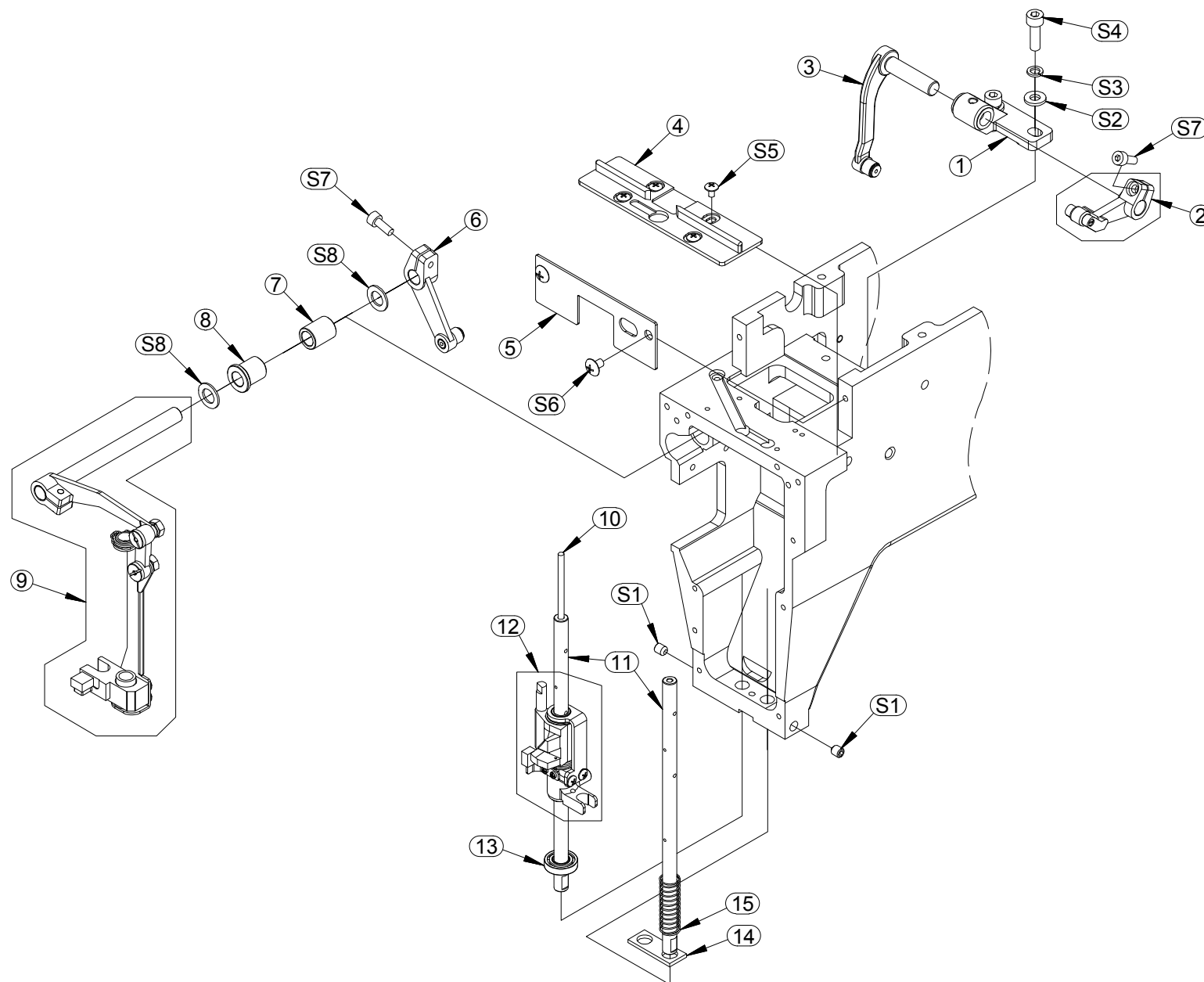
03-1.ARM

03030V4

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04.NEEDLE BAR DRIVING PARTS

03040V4



04.NEEDLE BAR DRIVING PARTS

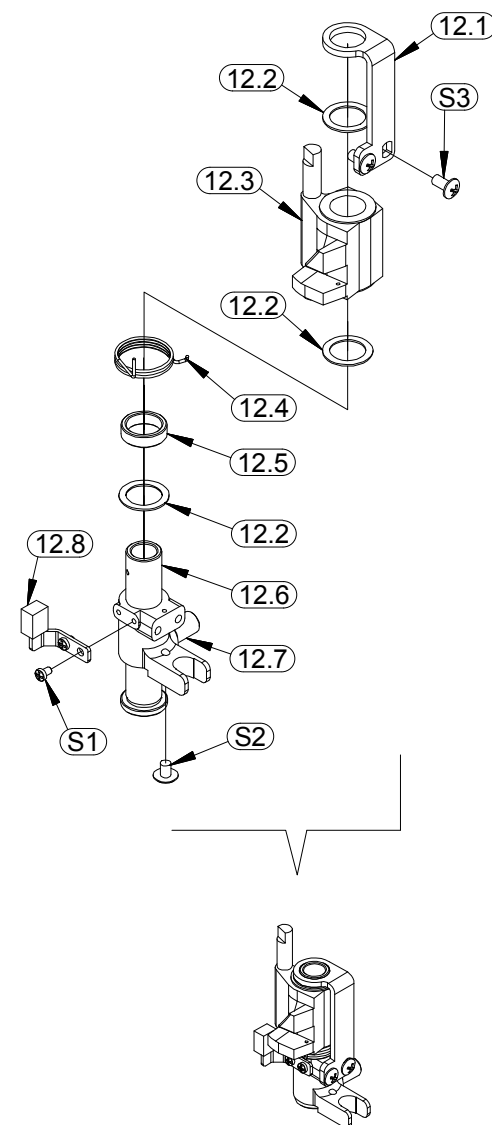
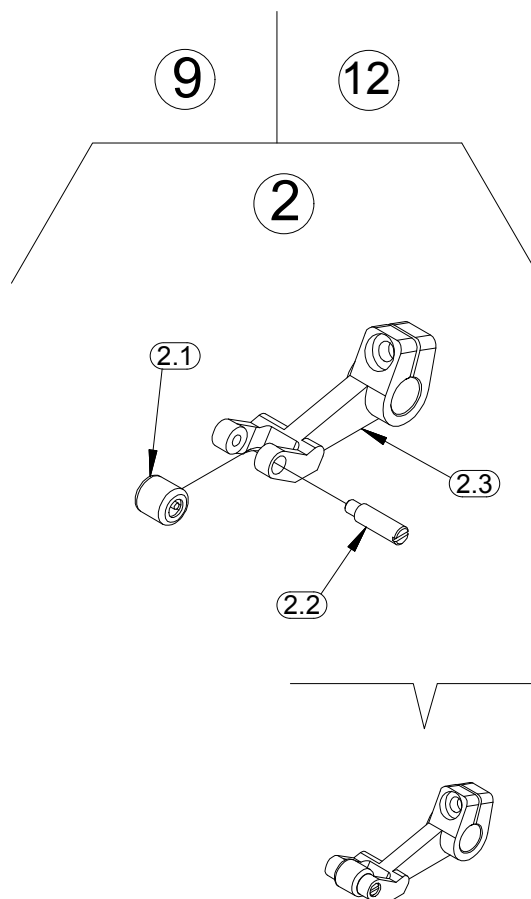
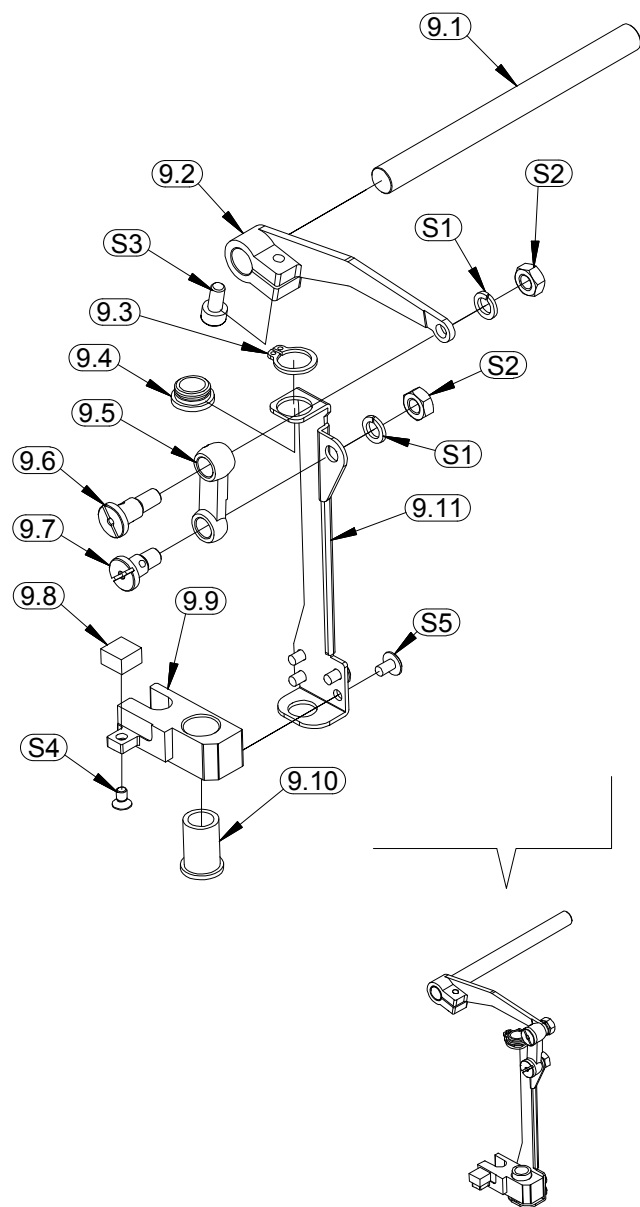
03040V4

No.	Serial No.	Part name	Remark
1	03041101	Take-Up Level Base	
2	03041192	Take-Up Connection Rod	
3	03041193	Take-Up Lever Main Connecting Rod Components	
4	03041108AC	Take-up Guide Plate-Aluminum-104	
5	03040126	Arm Upper Cover	
6	03040497	Presser Foot Cam Guide Bar Set	
7	80030811	Bearing Collar 12	
8	80030803	Sleeve-8-12	
9	03040498	Presser Foot Sliding Rod Set	
10	03040352	Arm Drive Shaft Oil Core	
11	03040351	Arm Drive Shaft	
12	03040391	Needle Bar Driver	
13	80037921	Bearing-7.24-17-4	
14	03040111	Oil Felt	
15	03040425	Presser Foot Guide Spring	
S1	80880506	M5*6 Hexagon Socket Set Screw	
S2	80900501	M5 Plain Washer	
S3	80900513	M5 Spring Cushion-Black	
S4	80810516	M5*16 Hexagon Socket Head-Black	
S5	80746306	Screw M3*6	
S6	80746406	Screw M4*6	
S7	80810410	M4*10 Hexagon Socket Caphead Screw	
S8	80900806	Flat Washer M8	

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04-1.NEEDLE BAR DRIVING PARTS

03040V4



04-1.NEEDLE BAR DRIVING PARTS

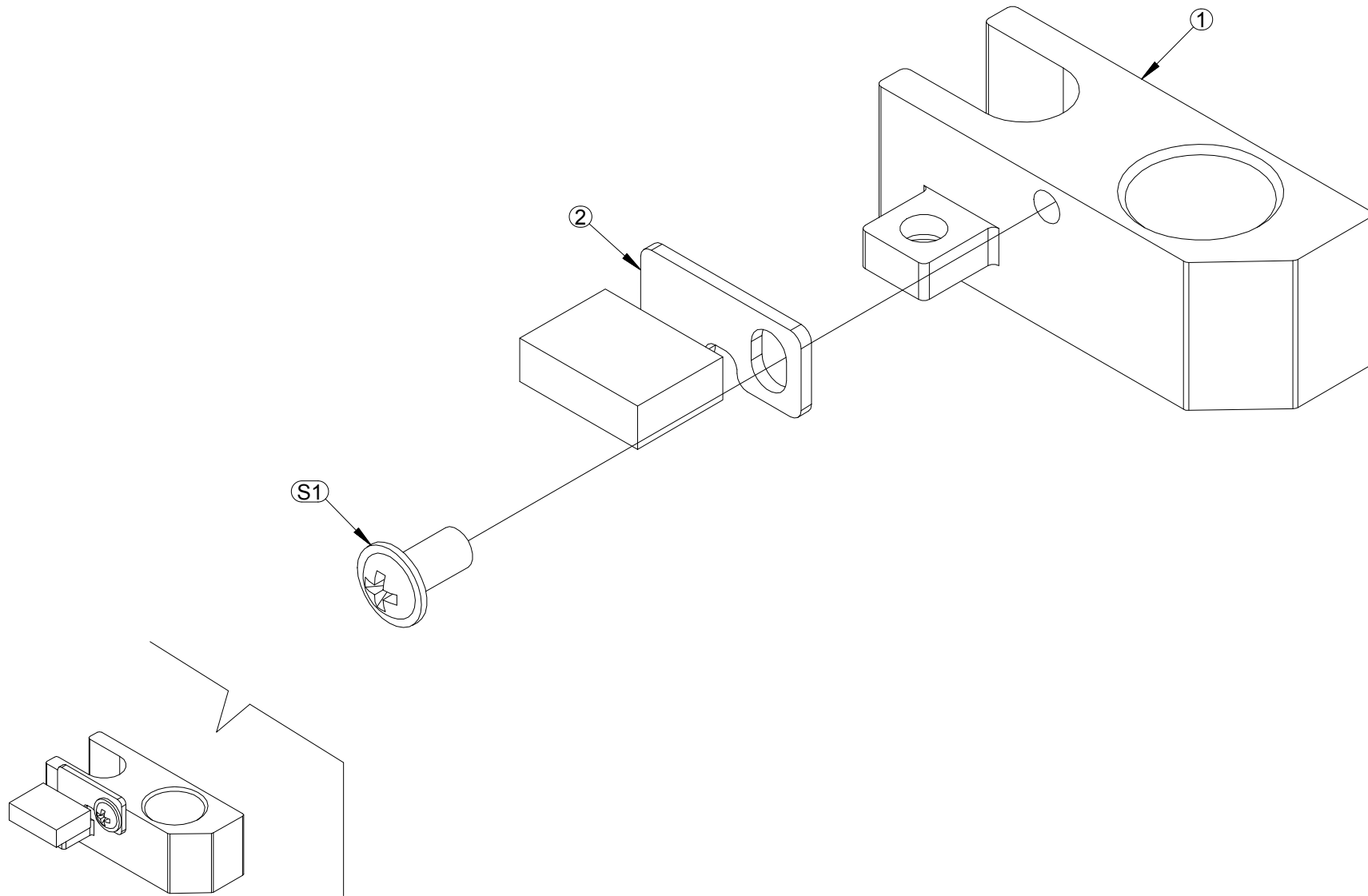
03040V4

No.	Serial No.	Part name	Remark
2	03041192	Take-Up Connection Rod	
2.1	80030431	8-4-8 Roller Bearing	
2.2	03041183	Take-Up Connection Rod Pin	
2.3	03041181	Take-Up Connection Rod	
9	03040498	Presser Foot Sliding Rod Set	
9.1	03040431	Presser Foot Driving Shaft	
9.2	03040430	Presser Foot Driving Connection Rod	
9.3	80031072	C Type Circlip 10-9	
9.4	03040422	Driving Shaft Bushing-A	
9.5	03040403	Presser Foot Connection Rod	
9.6	03040411	Connection Rod Pin- Up	
9.7	03040412	Connection Rod Pin-Down	
9.8	01212201	Presser Foot Buffer Cushion	
9.9	03040424VA	Presser Foot Reciprocator	
9.10	03040423	Driving Shaft Bushing -B	
9.11	03040421	Presser Foot Sliding Bracket	
S1	80900518	M5 Spring Washer	
S2	80900528	M5 Nut	
S3	80810408	M4*8 Screw	
S4	80860326	M3*6 Flat Head Philips Screw	
S5	80746306	Screw M3*6	
12	03040391	Needle Bar Driver	
12.1	03040303	Needle Bar Reciprocator Bracket	
12.2	03040309	Driver Block Washer	

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04.NEEDLE BAR DRIVING PARTS (BEFORE)

03040V3



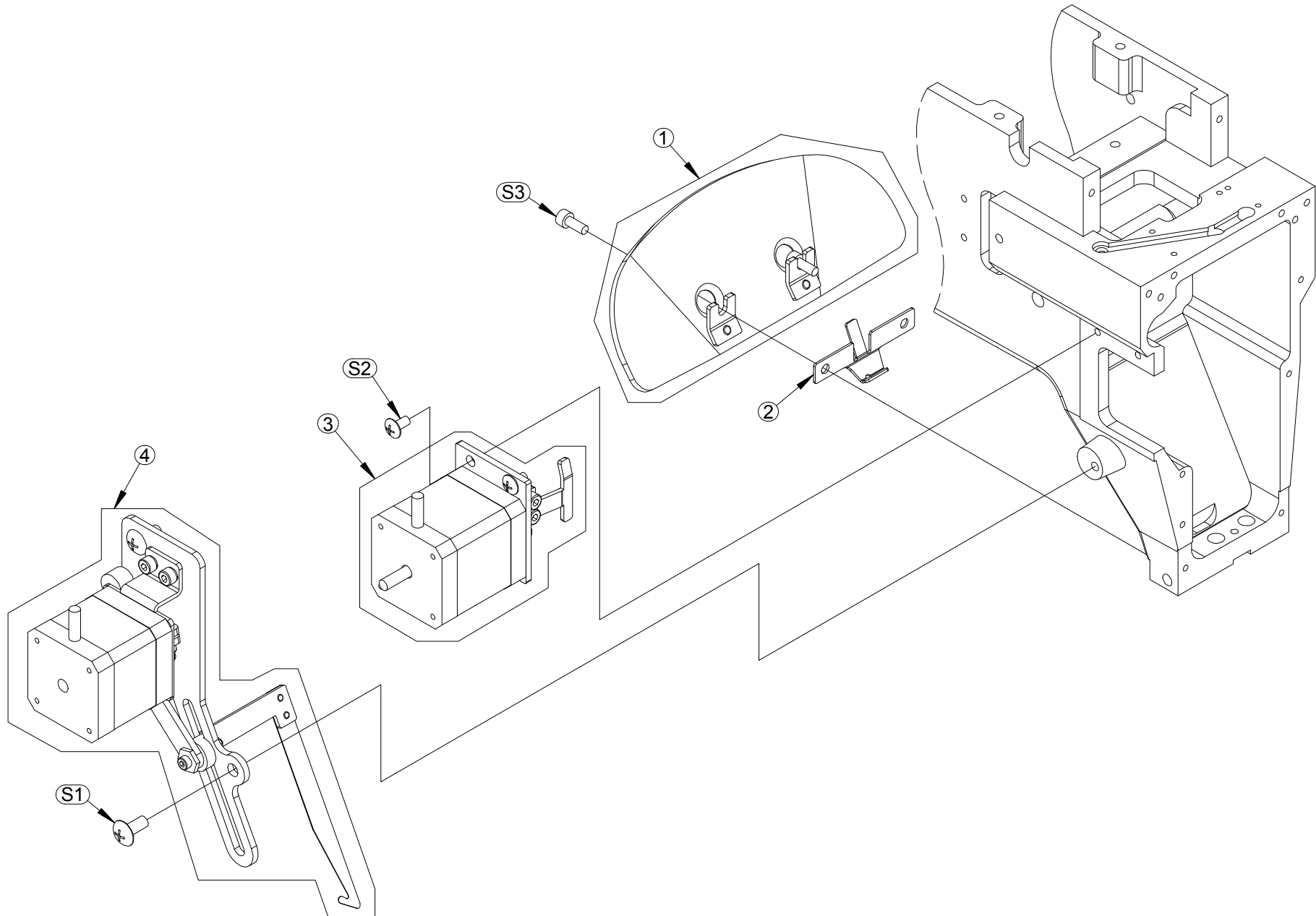
04.NEEDLE BAR DRIVING PARTS (BEFORE)

03040V3

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05.HOOK AND JUMP

03050V4



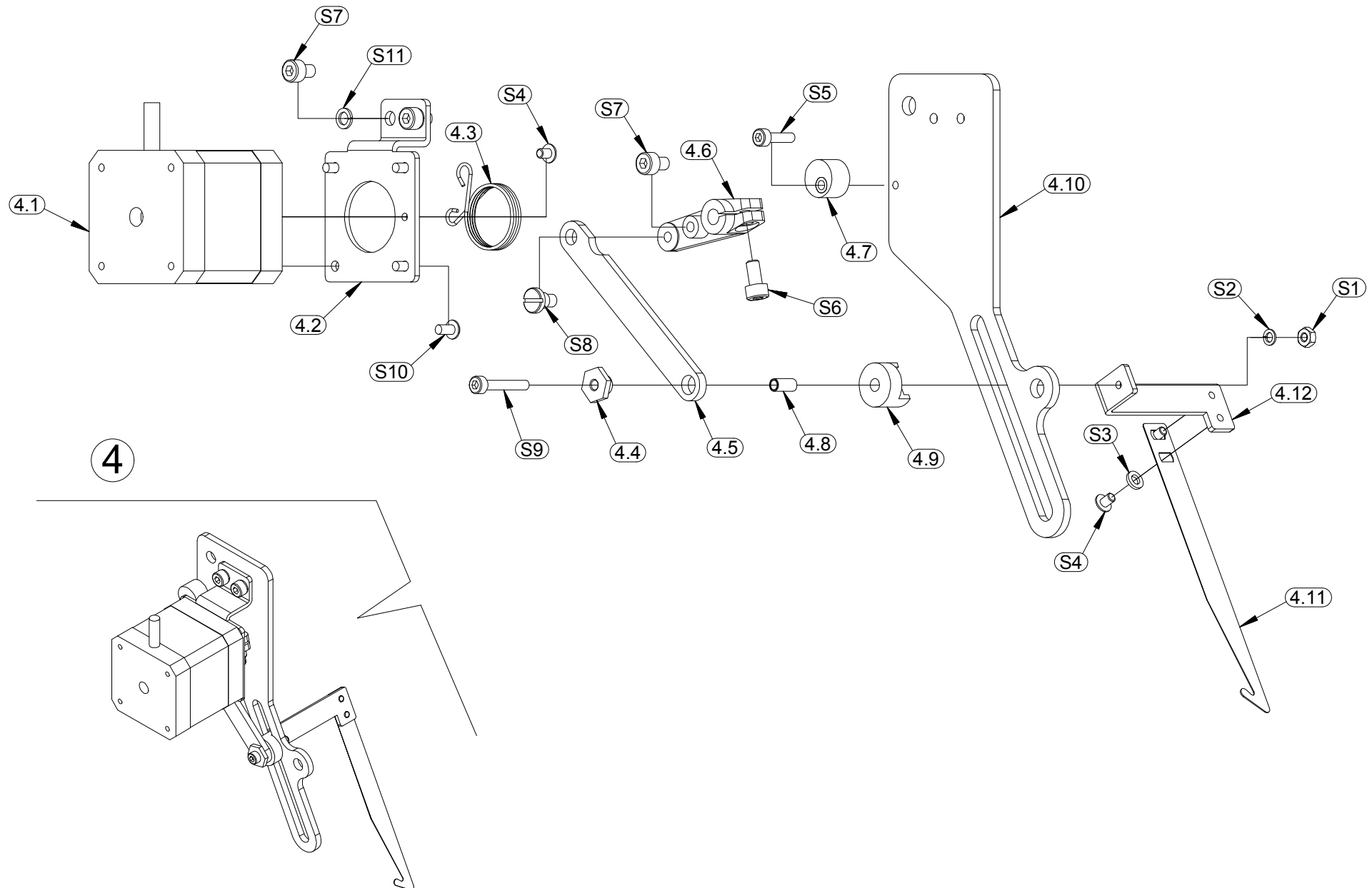
05.HOOK AND JUMP

03050V4

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05-1.HOOK AND JUMP

03050V4



05-1.HOOK AND JUMP

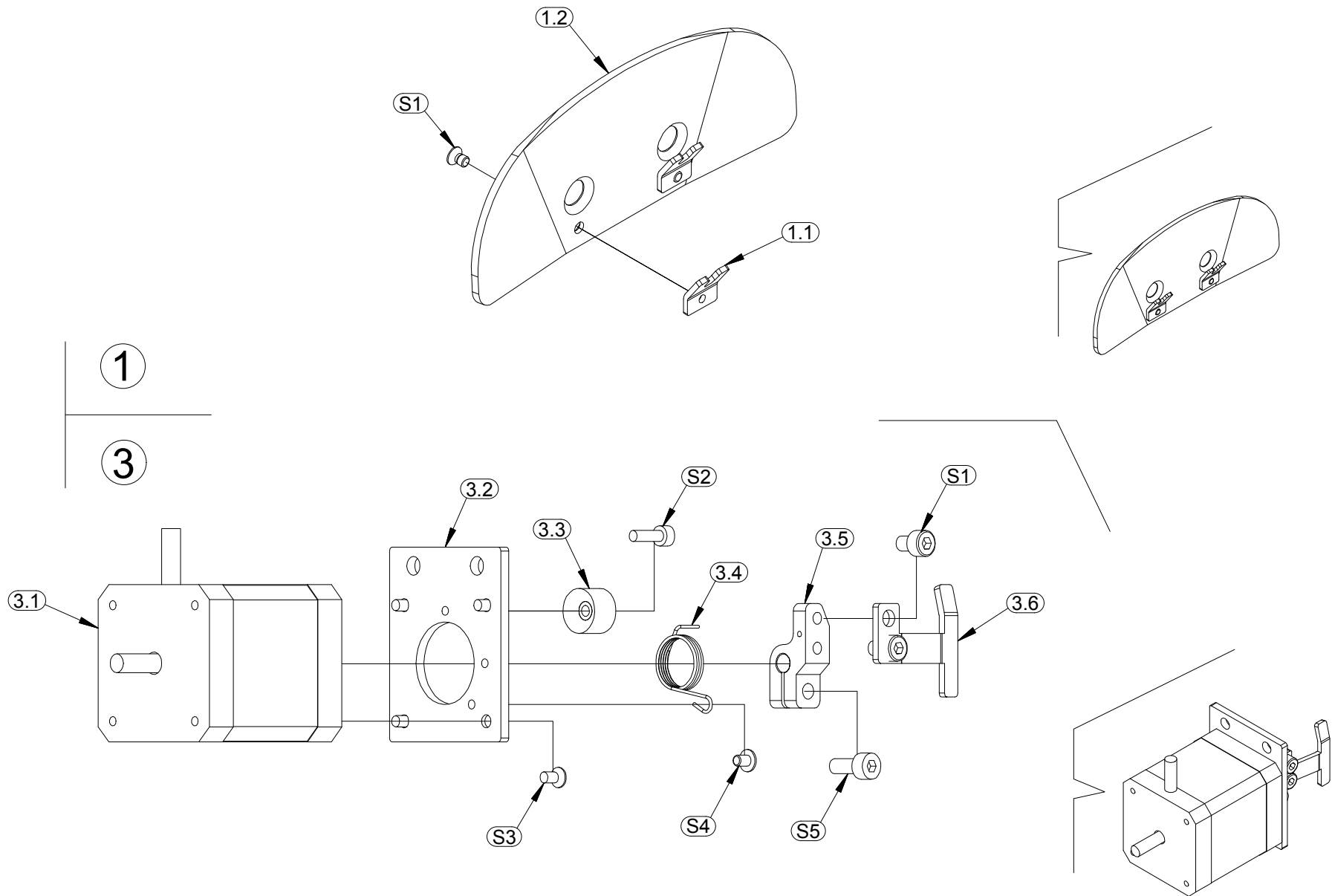
03050V4

No.	Serial No.	Part name	Remark
4	03040681	Hook Motor Components-P	
4.1	03040693	42 Motor-Thread Hooking-L1200	
4.2	03040602	Hook Motor Base	
4.3	03040604	Driving Arm Resetting Spring	
4.4	03040608	Hexagon Ring	
4.5	03040606	Hook Connection Bar	
4.6	03040603	Hook Driving Arm	
4.7	03040605	Silencer Block	
4.8	03040609	Positioning Bushing	
4.9	03040607	Hook Positioning Block	
4.10	03040601	Hook Plate	
4.11	03040611AA	Line Hook	
4.12	03040610	Hook Connection Block	
S1	80900328	M3 Nut	
S2	80900313	M3 Spring Washer- Black	
S3	80900301	M3 Plain Washer	
S4	80742304	M3*4 Screw	
S5	80810312	M3*12 Cylinder Head Hexagon - Black	
S6	80810408	M4*8 Screw	
S7	80810406	M4*6 Cylinder Head Hexagon - Black	
S8	80924211	M4*4-5*3.5 Screw	
S9	80810320	M3*20 Cylinder Head Hexagon - Black	
S10	80746306	Screw M3*6	
S11	80900413	M4 Spring Washer - Black	

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05-2.HOOK AND JUMP

03050V4



05-2.HOOK AND JUMP

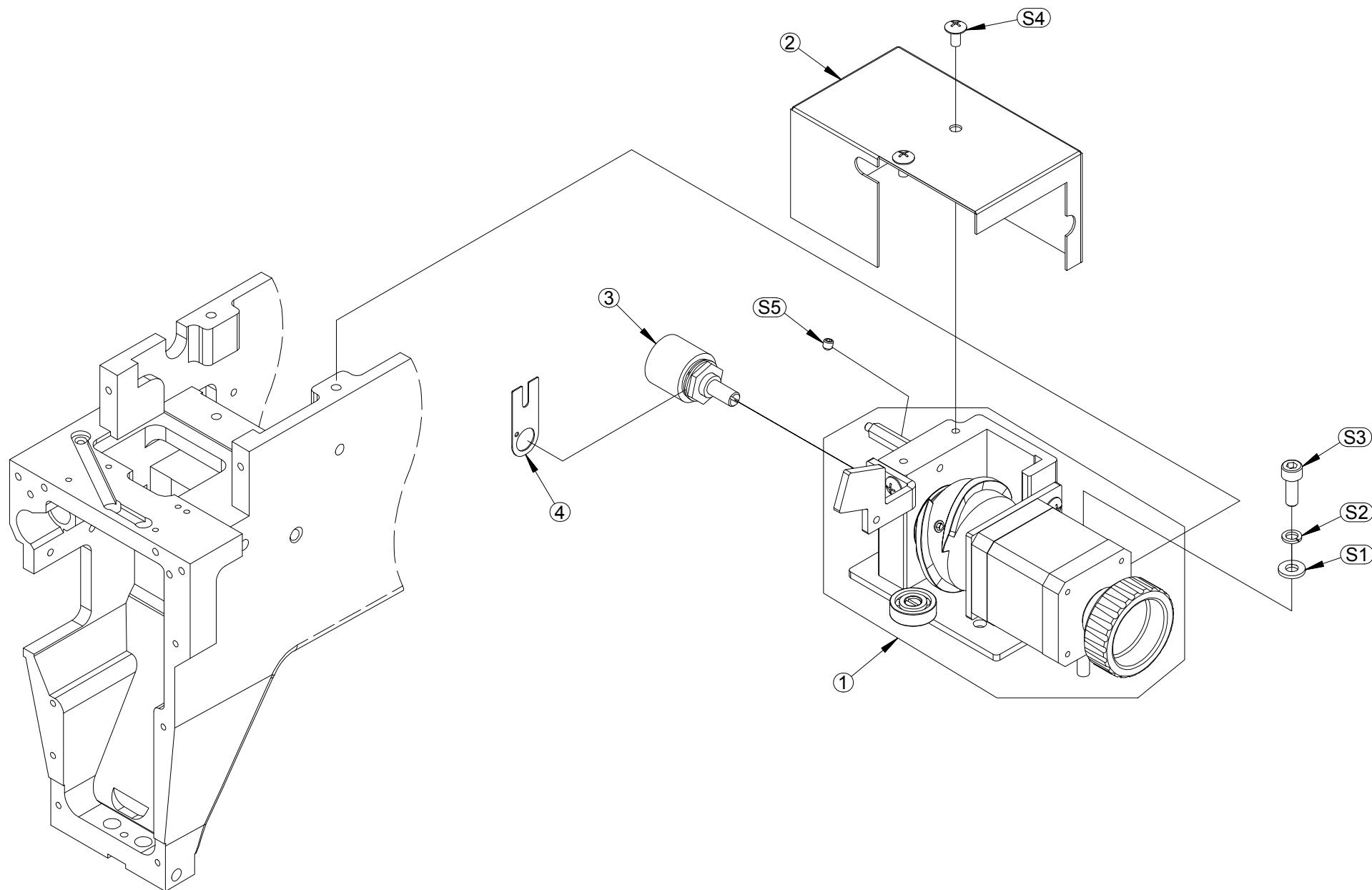
03050V4

No.	Serial No.	Part name	Remark
1	03040153	Arm Baffle Components	
1.1	03040154	Arm Baffle Bracket	
1.2	03040151	Machine Head Lower Baffle	
S1	80860406	M4*6 Screw	
3	03040791	Jumping Motor Set-P	
3.1	03040692	42 Motor-Jumping-L 1200	
3.2	03040701	Head Board	
3.3	03040706	Silencer Block	
3.4	03040705	Jumping Spring	
3.5	03040702	Head Jumping Board	
3.6	03040703	Jumping Bar Bracket	
S1	80810406	M4*6 Cylinder Head Hexagon - Black	
S2	80810310	M3*10 Cylinder Head Hexagon - Black	
S3	80860326	M3*6 Flat Head Philips Screw	
S4	80742304	M3*4 Screw	
S5	80810410	M4*10 Hexagon Socket Caphead Screw	

No.	Serial No.	Part name	Remark

06.COLOR CHANGE SYSTEM

03060V4



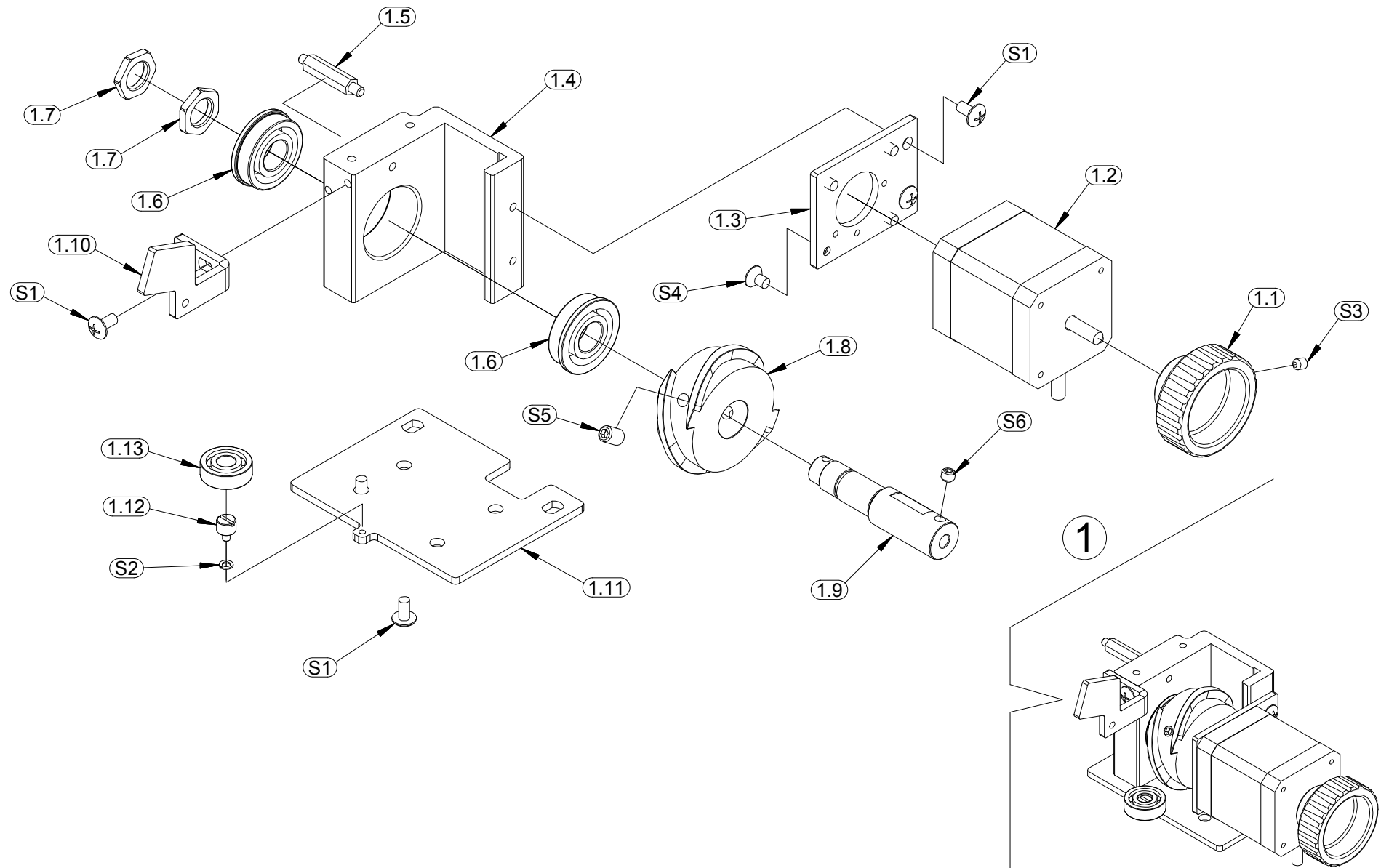
06.COLOR CHANGE SYSTEM

03060V4

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06-1.COLOR CHANGE SYSTEM

03060V4



06-1.COLOR CHANGE SYSTEM

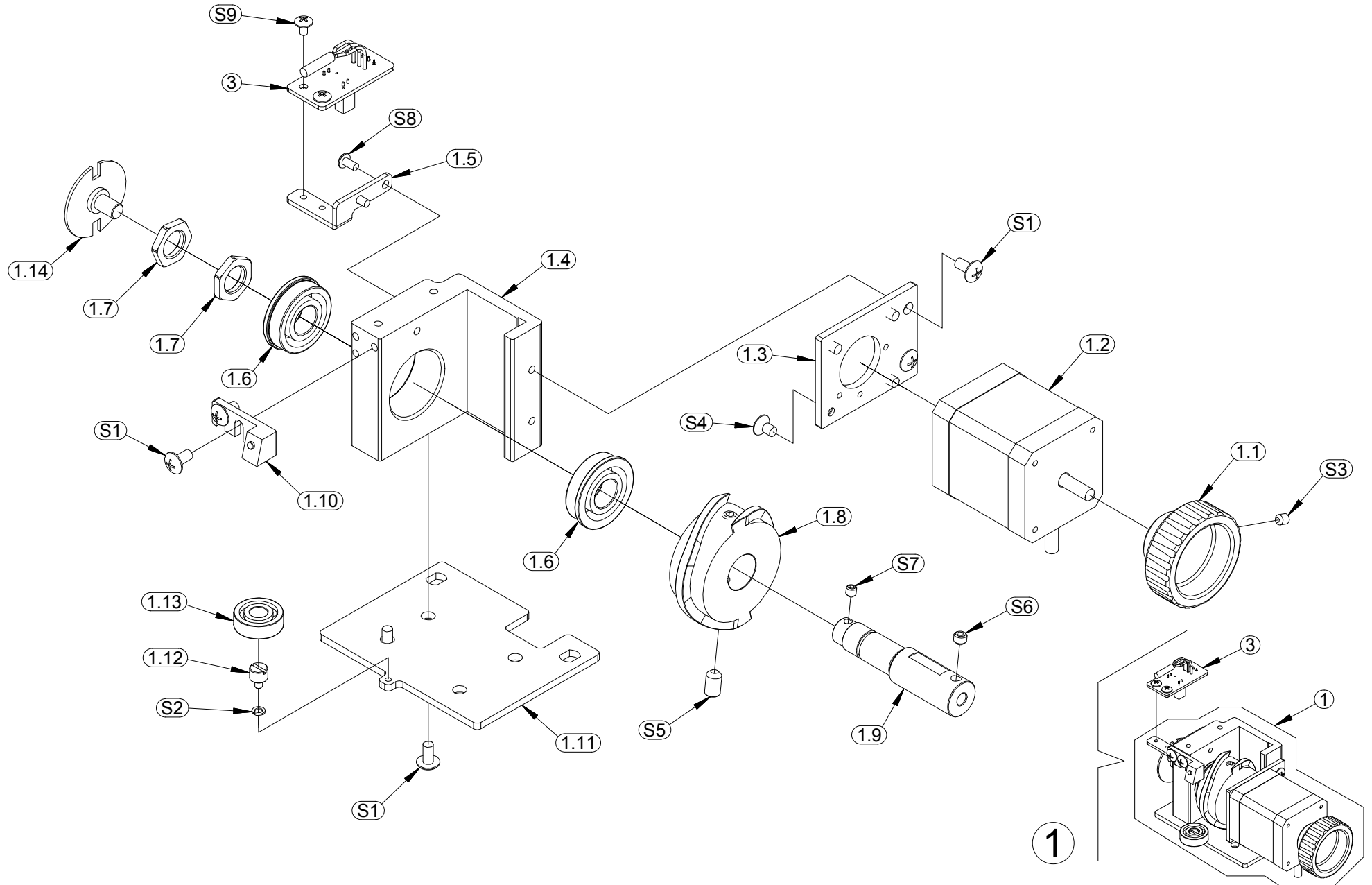
03060V4

No.	Serial No.	Part name	Remark
1	03040590	Changing Color Motor Unit	
1.1	03040511RA	Changing Color Handle	
1.2	03040593	42 Motor-Color Change-L1200	
1.3	03040701	Head Board	
1.4	03040540	Color Changing Bearing Base-P	
1.5	03040509	Potentiometer Fixed Bolt	
1.6	80031224	Roller Bearing F 12*28*8	
1.7	01293836	Nut-M12*1*3	
1.8	01293812	Color Changing Cam - Double Track – Card Type	
1.9	03040528VA	Color Changing Cam Shaft-P	
1.10	01293851	Thread Break Detection Sensor Bracket	
1.11	03040544	Changing Color Bracket Base-DT	
1.12	03040507	Changing Color Shaft Pin	
1.13	80030722	19-7-6 Bearing	
S1	80746408	Screw M4*8	
S2	80900313	M3 Spring Washer- Black	
S3	80880405	M4*5 Hexagon Socket Set Screw	
S4	80860326	M3*6 Flat Head Philips Screw	
S5	80880610	M6*10 Screw	
S6	80880504	M5*4 Screw	

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06-2.COLOR CHANGE SYSTEM (20N)

03060V4



06-2.COLOR CHANGE SYSTEM (20N)

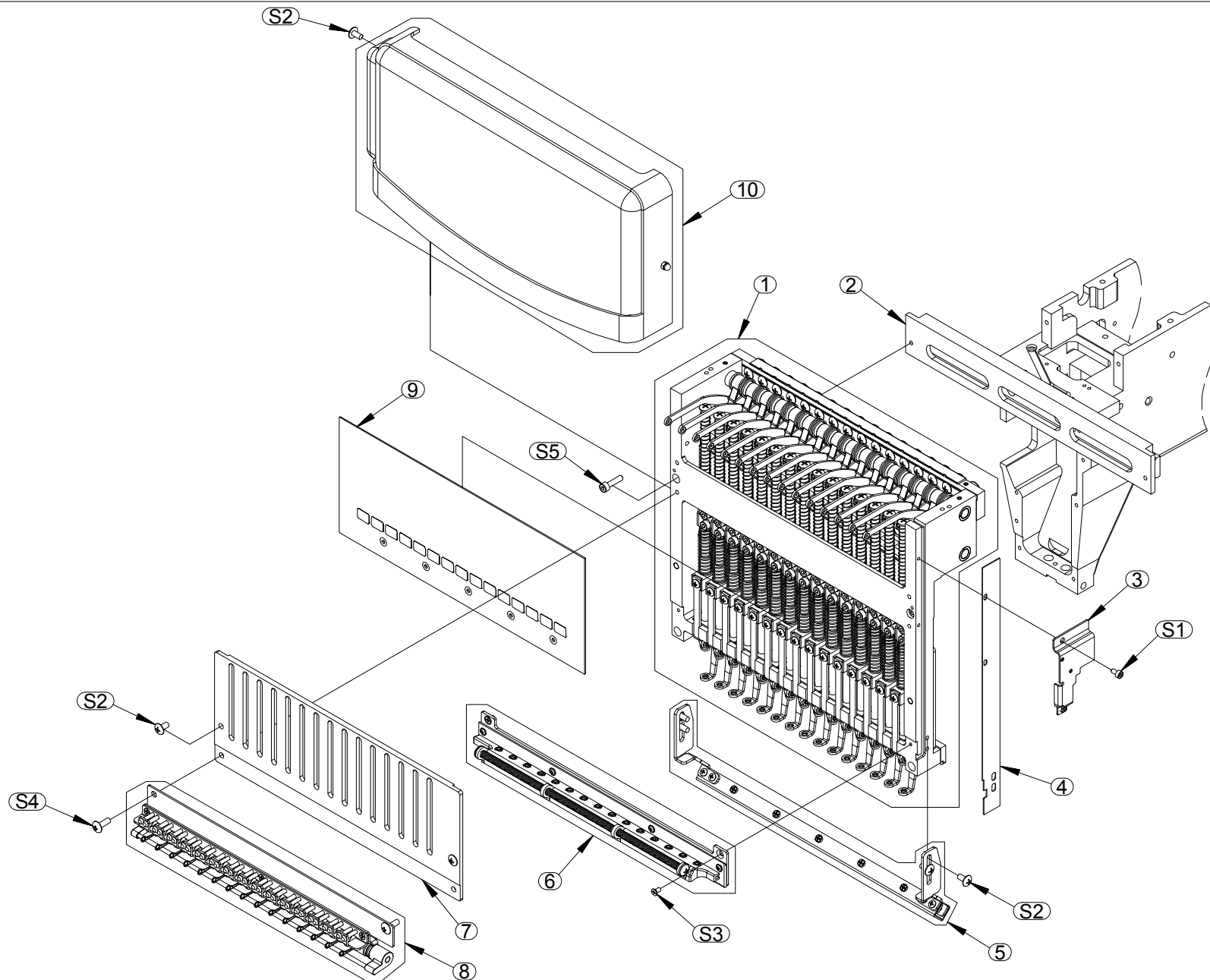
03060V4

No.	Serial No.	Part name	Remark
1	03040595	Double-bearing Color Change Units-Half turn	
1.1	03040511RA	Changing Color Handle	
1.2	03040593	42 Motor-Color Change-L1200	
1.3	03040701	Head Board	
1.4	03040540	Color Changing Bearing Base-P	
1.5	03040514	Sensor Bracket-Half Turn-20N	
1.6	80031224	Roller Bearing F12*28*8	
1.7	01293836	Nut-M12*1*3	
1.8	01293812	Color Changing Cam - Double Track – Card Type	
1.9	03040528VA	Color Changing Cam Shaft-P	
1.10	03040543	Needle Position Magnet Base-Hall	
1.11	03040544	Changing Color Bracket Base-DT	
1.12	03040507	Changing Color Shaft Pin	
1.13	80030722	19-7-6 Bearing	
1.14	03040515	Half Turn Baffle-20N	
S1	80746408	Screw M4*8	
S2	80900313	M3 Spring Washer- Black	
S3	80880405	M4*5 Hexagon Socket Set Screw	
S4	80860326	M3*6 Flat Head Philips Screw	
S5	80880610	M6*10 Screw	
S6	80880504	M5*4 Screw	
S7	80880404	M4*4 Screw	
S8	80746306	Screw M3*6	
S9	80746306	Screw M3*6	

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07.NEEDLE BAR CASE 1

03070V4



07.NEEDLE BAR CASE 1

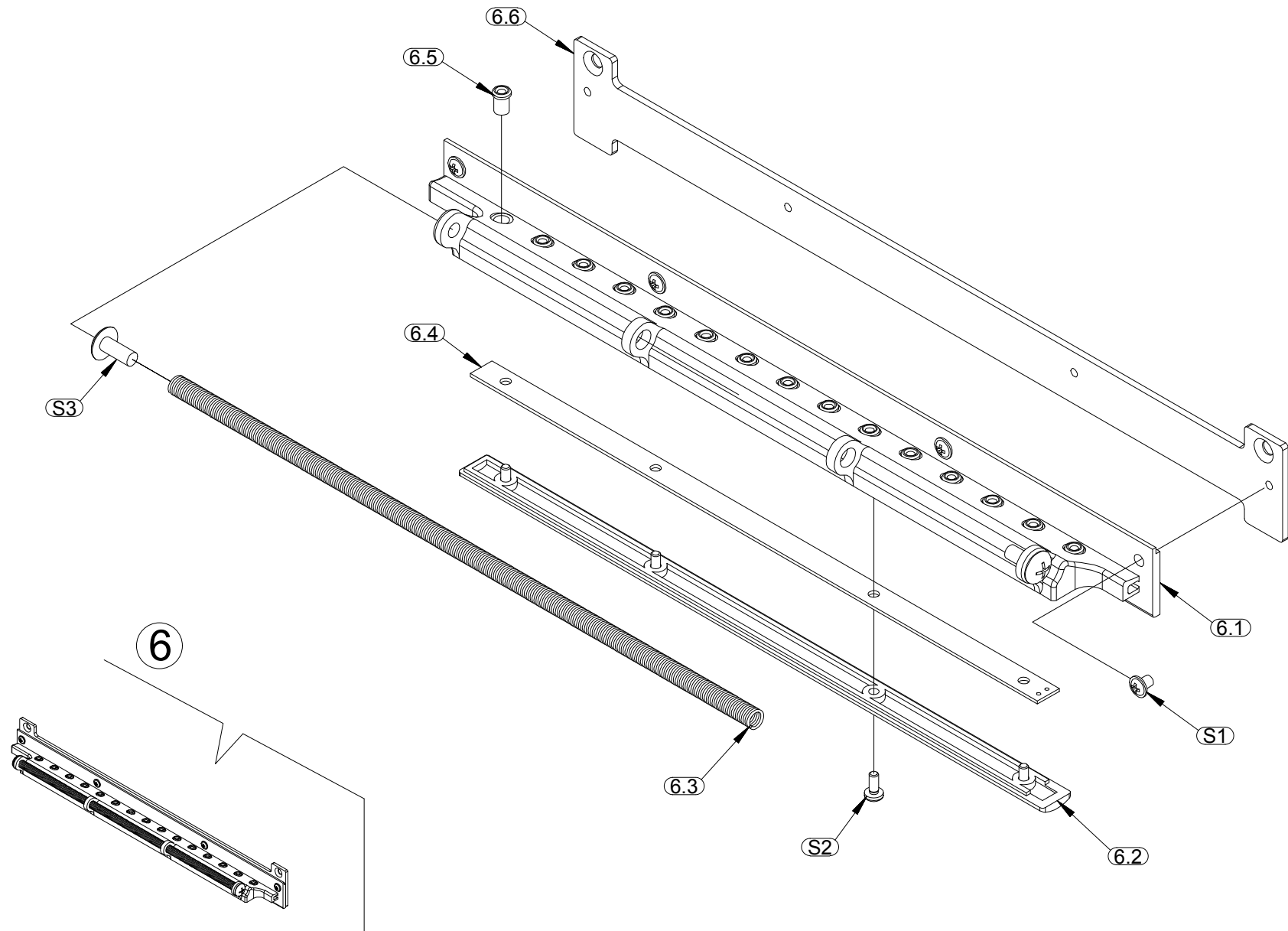
03070V4

No.	Serial No.	Part name	Remark
1	03089181	Needle Bar Case Module-15 Needle-P	
1	03089191	Needle Bar Case Module-12 Needle-P	
1	03089185	Needle Bar Case Module-20 Needles-P	
2	03040196CA	Needle Case Guide Rail -15	
2	03040197CA	Needle Case Guide Rail -12	
2	72410111-20	Head Guide Rail-Single Head-Rp-20 Needles	
3	03082303	Magnet Base	
4	03090711	Single Head Machine Side Plate-LED	
4	03090712	Side Press Plate-LED-P-20N	
5	72100190-15	Thread Clamp Finished Product-RD-15	
5	72100190-12	Thread Clamp Finished Product-RD-12	
7	72100190-20	Thread Clamp Finished Product-RD-20	
6	03096015MT	Lower Thread Course Assembly-15 Needles-LED-MT/DT	
6	03096012MT	Lower Thread Course Assembly-12 Needles-LED-MT/DT	
6	03096020	Lower Thread Course Assembly-20 Needles-LED	
7	03081312	Front Upper Faceplate - 15	
7	03081302	Front Upper Faceplate - 12	
8	72012171-15	Middle Thread Course Assembly-15B	
8	72012171-12	Middle Thread Course Assembly-12B	
8	72211220	Middle Threading Module-20 Needles	
9	03092115	Front Bottom Panel-LED-15-P	
9	03092112	Front Bottom Panel-LED-12-P	
9	03081321	Front Lower Plate-Needle Bar Case-20N	
10	03082352	15 Needles Cover Module	

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07-1.NEEDLE BAR CASE 1

03070V4



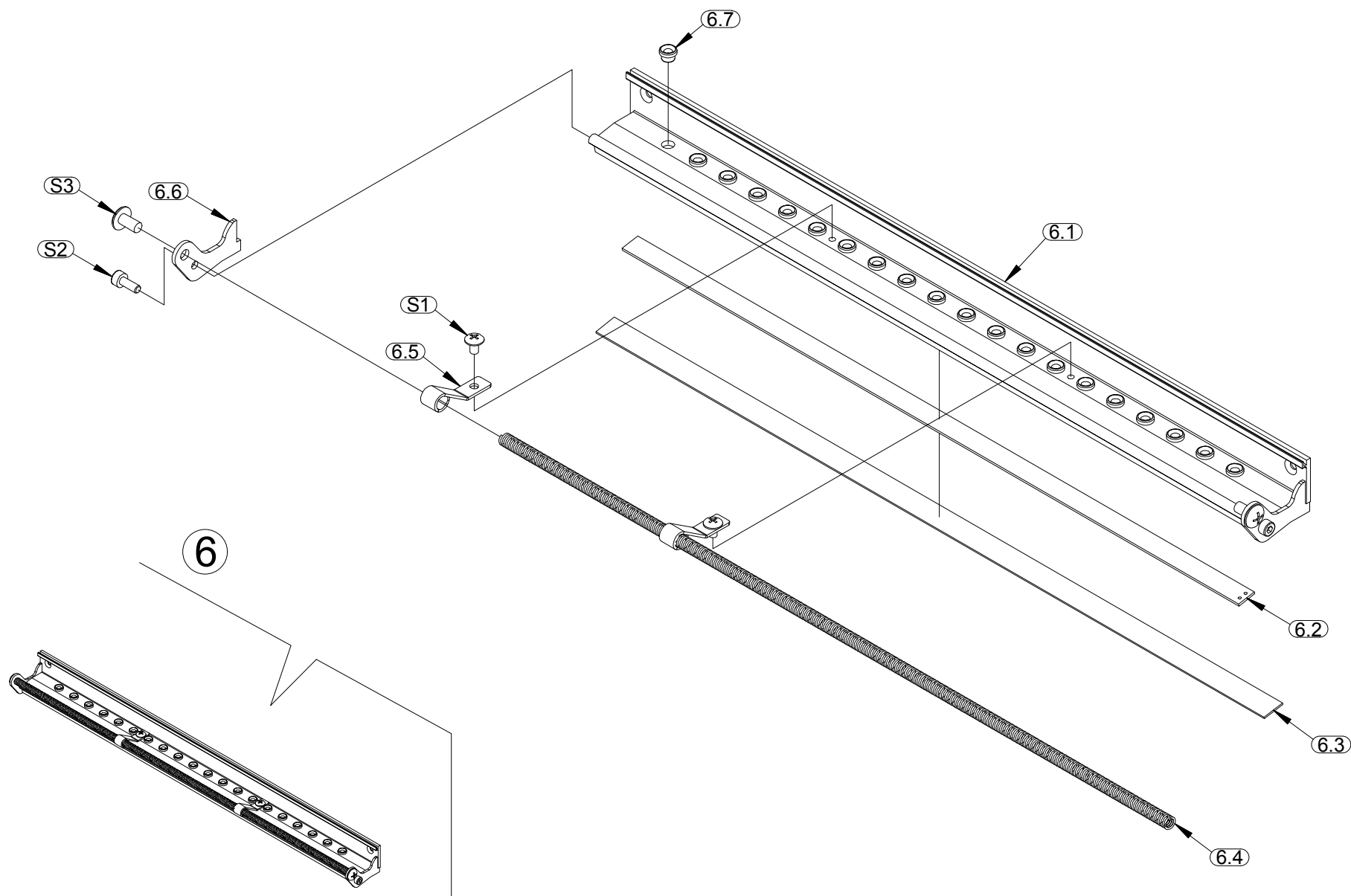
07-1.NEEDLE BAR CASE 1

03070V4

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07-2.NEEDLE BAR CASE 1 (20N)

03070V4



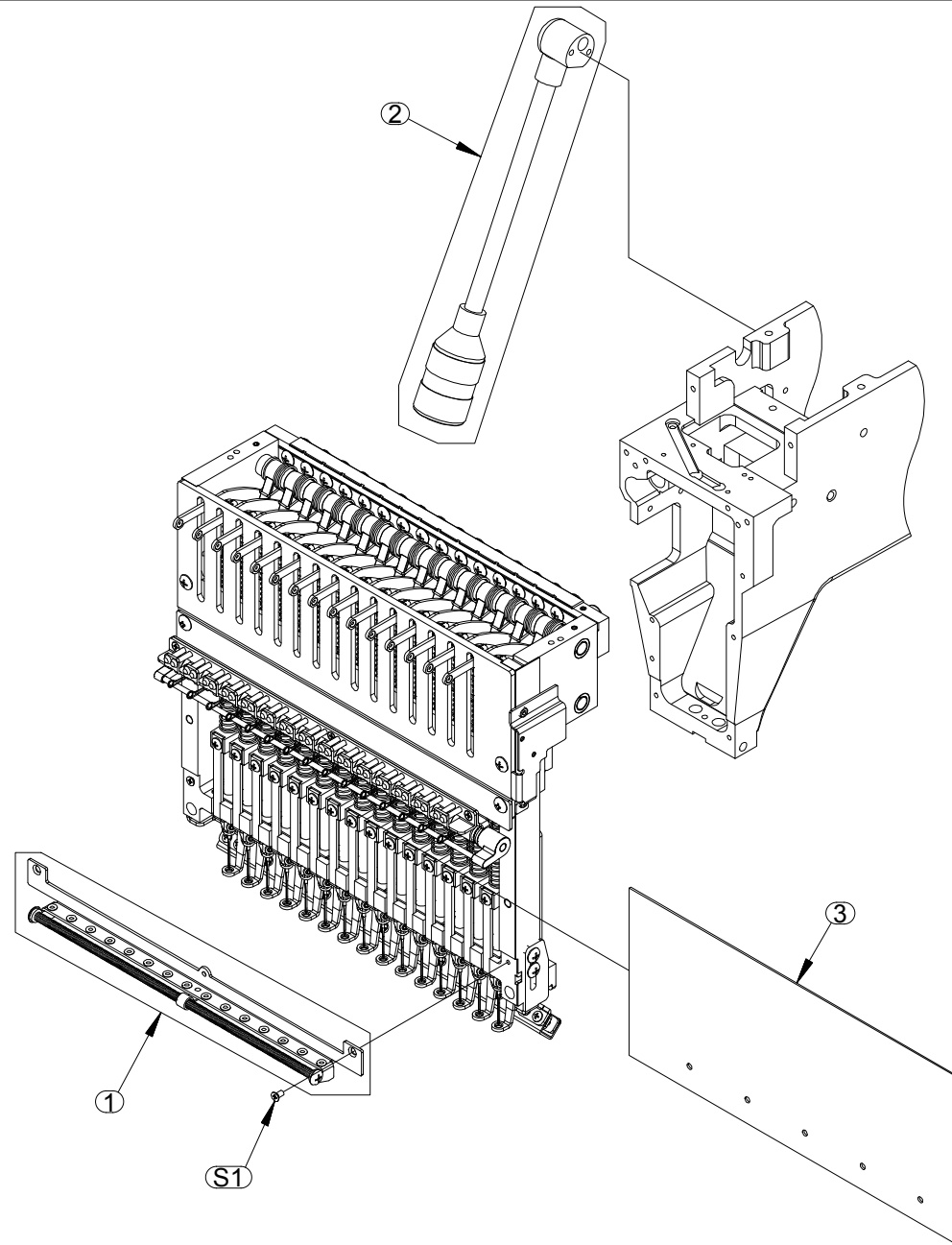
07-2.NEEDLE BAR CASE 1 (20N)

03070V4

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07.NEEDLE BAR CASE 1 (BEFORE)

03070V3



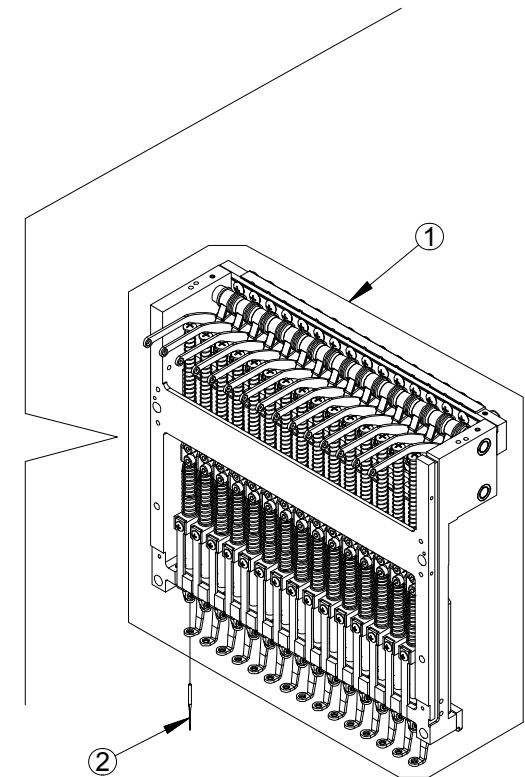
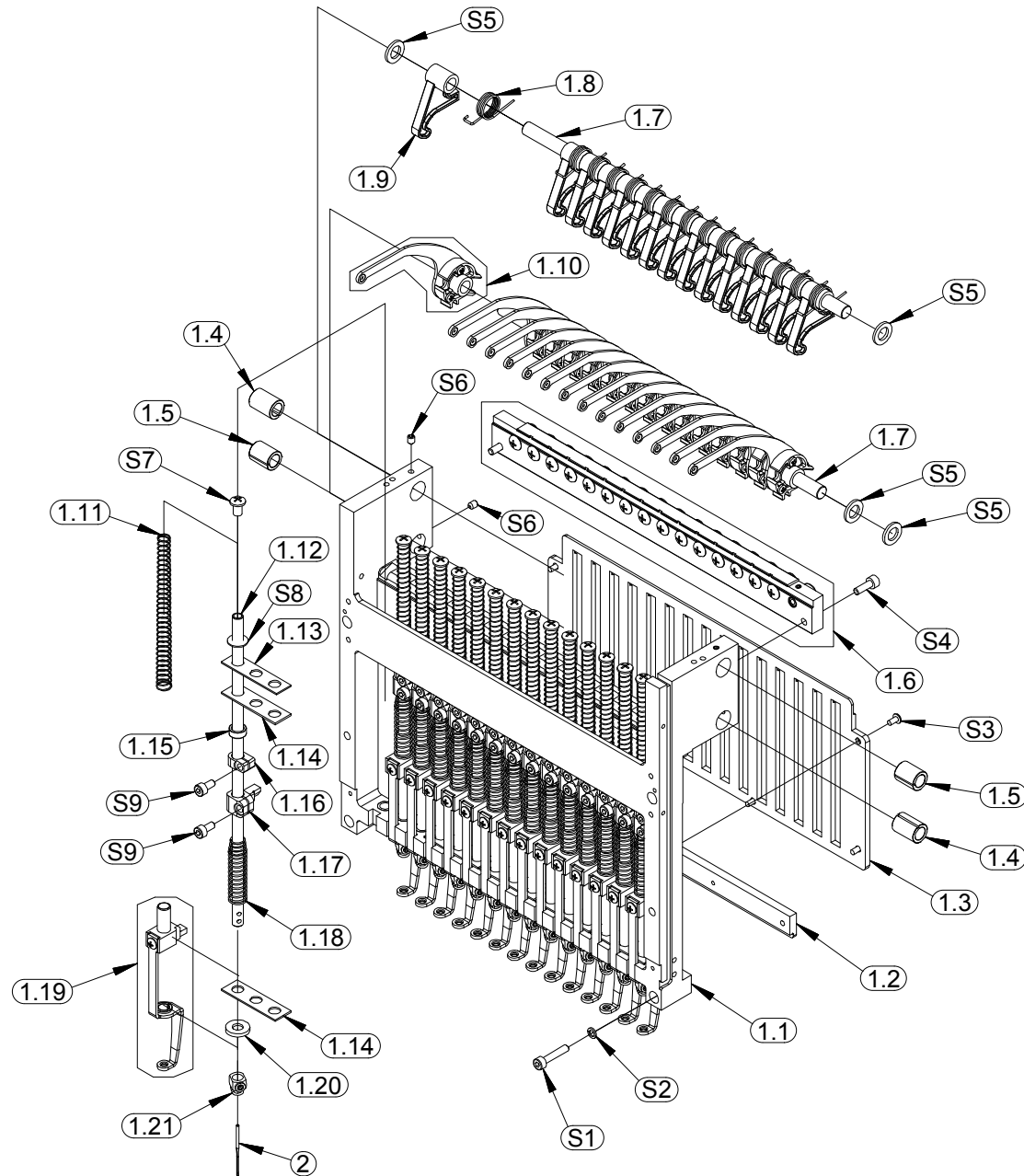
07.NEEDLE BAR CASE 1 (BEFORE)

03070V3

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07.NEEDLE BAR CASE 2

03071V4



07.NEEDLE BAR CASE 2

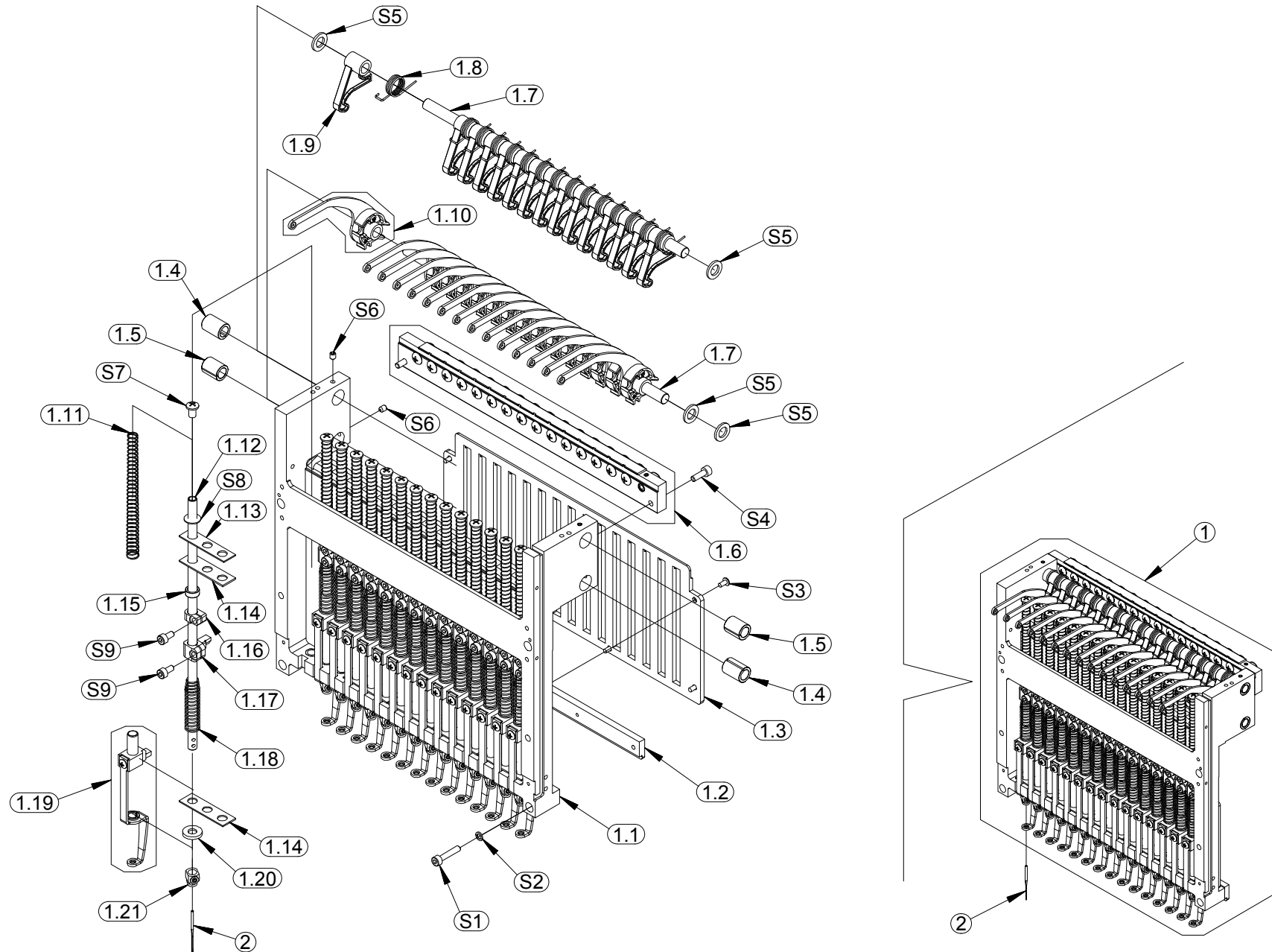
03071V4

No.	Serial No.	Part name	Remark
1	03089181	Needle Bar Case Module-15 Needle-P	
1	03089191	Needle Bar Case Module-12 Needle-P	
1	03089185	Needle Bar Case Module-20 Needles-P	
1.1	03081115VA	Needle Bar Case-P-15	
1.1	03081103VB	Needle Bar Case-P-12	
1.1	4006012000	Needle Bar Case-20 Needles	
1.2	03081122	DT-Below Guide Rail-15	
1.2	03081121	DT-Below Guide Rail-12	
1.2	72410121-20	Lower Guide Rail-Ra-20 Needles	
1.3	03081311	Needle Bar Guide Plate-15	
1.3	03081301	Needle Bar Guide Plate-12	
1.3	03081320	Needle Bar Guide Plate-20N	
1.4	03081507	Thread-Taking-Up Shaft Block-L17	
1.4	03081505	Take-Up Shaft Block-15	
1.4	03081509	Take Up Shaft Block-20-20N	
1.5	03081505	Take-Up Shaft Block-15	
1.5	03081506	Take-Up Shaft Block-12	
1.5	03081508	Take Up Shaft Block-15-20N	
1.6	03081215VA	Color Change Plate-Shaft Style-15	
1.6	03081212VA	Color Change Board-Shaft Style-12	
1.6	03081220	Color Change Plate Components-20N-Shaft	
1.7	01221533	Take-Up Shaft - 15	
1.7	01221532	Take-Up Shaft - 12	
1.7	72100206-20	Take-Up Shaft - D10*340	Parts for 20 needles

No.	Serial No.	Part name	Remark
1.8	03081503	Fixed Block Torsional Spring	
1.8	72100205	Self-buckling spring-RD-01	Parts for 20 needles
1.9	03081502	Take Up Lever Positon Block	
1.9	72100202	Self-buckling part-RD-01	Parts for 20 needles
1.10	03081591	Take Up Lever Module	
1.10	72010201	Take Up Lever-RD-01	Parts for 20 needles
1.11	03080102	Needle Bar Spring-P	
1.12	03080160	Needle Bar-217	
1.13	01221602	3 Pore Cusion-1	
1.14	01221606	3-Hole Felt-1	
1.15	4006200000	O-Type Presser Foot Ring	
1.16	01222105	Upper Dead Point Clamp	
1.17	01222106	Needle Bar Connecting Pin	
1.18	03080108	Presser Foot Spring-P	
1.19	03080165	Adjustable Presser Foot Assembly	
1.20	01222110	Rubber Cushion	
1.21	01222194	Needle Clamp	
S1	80810425	Cylinder Head Hexagon - Black M4*25	
S2	80900413	M4 Spring Washer - Black	
S3	80746306	Screw M3*6	
S4	80810412	M4*12 Cylinder Head Hexagon - Black	
S5	80900805	Flat Washer M8- Copper	
S6	80880405	M4*5 Hexagon Socket Set Screw	
S7	80746508	M5*8 Screw	

07.NEEDLE BAR CASE 2

03071V4



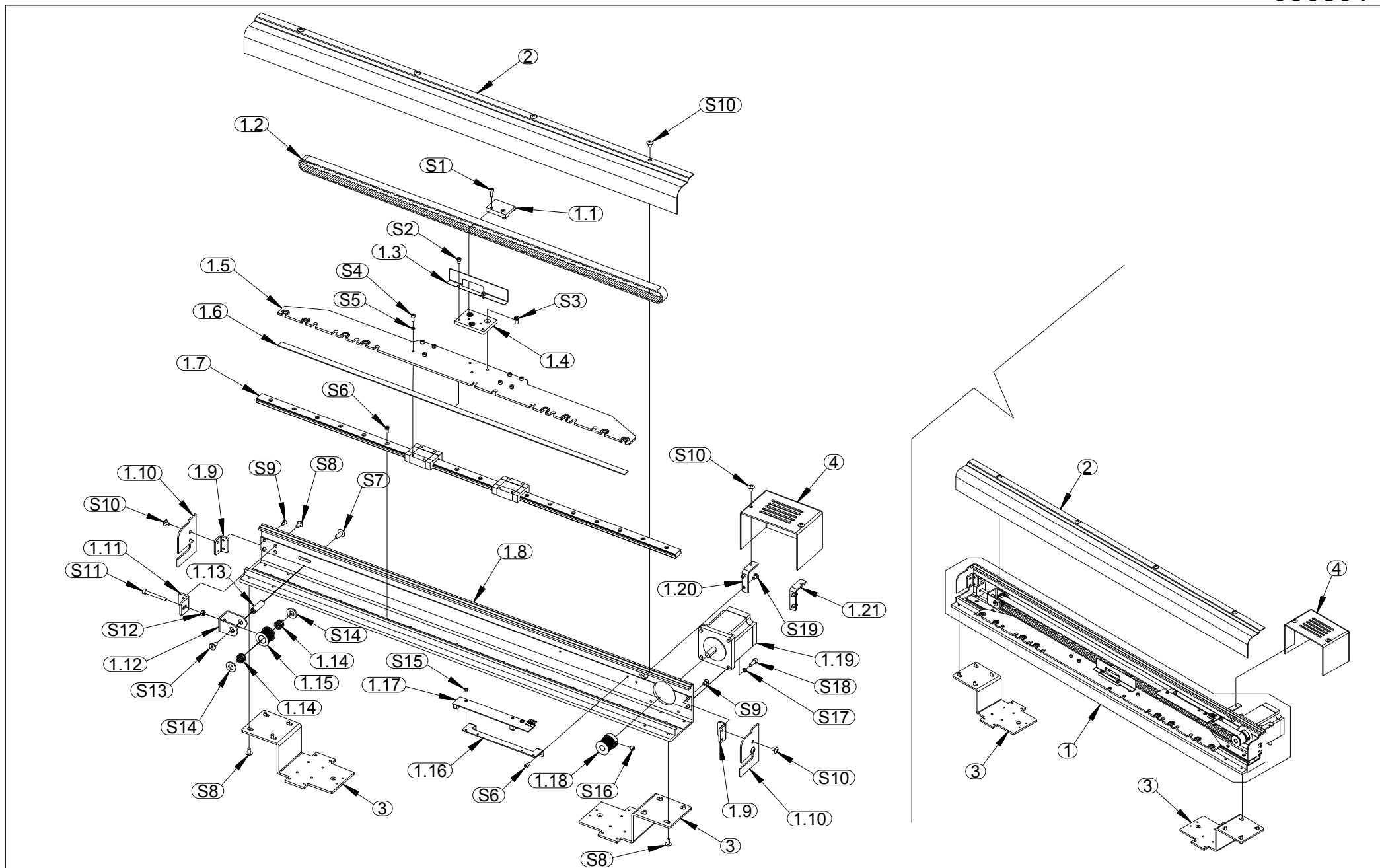
07.NEEDLE BAR CASE 2

03071V4

[illegible][illegible]

08.X-AXIS DRIVE SYSTEM

03080V4



08.X-AXIS DRIVE SYSTEM

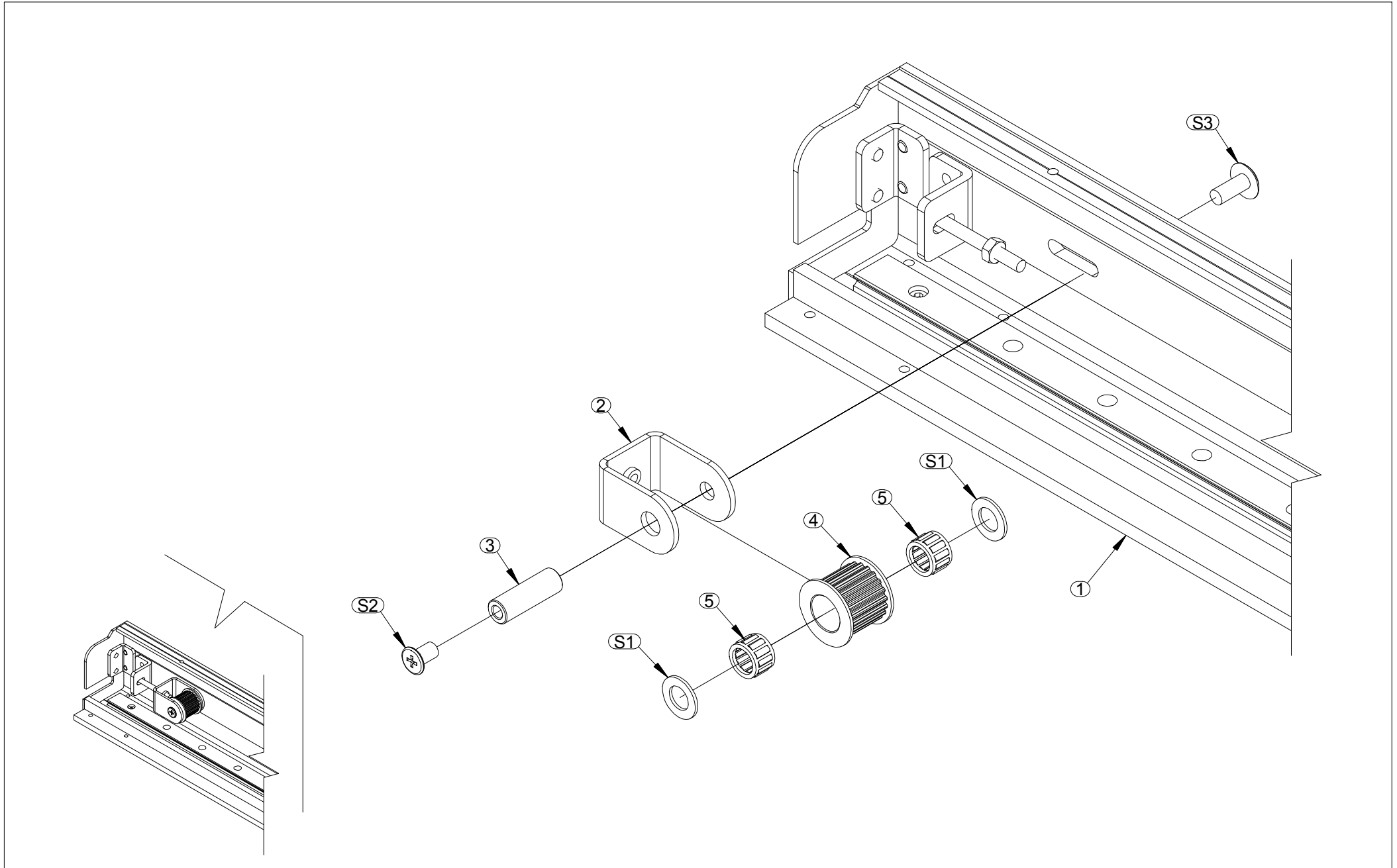
03080V4

No.	Serial No.	Part name	Remark
1	03100191	Driving Set-X	
1.1	03100108	Belt Tension Platen	
1.2	03100190	Timing Belt-X-3M-15	
1.3	03100112V1	Light Baffle-Limit-X	
1.4	03100104	Connection Pressing Platen	
1.5	03100131CC	Driver Connecting Board-X-Flat Board	
1.6	03100109	Connecton Rod Fencing Felt	
1.7	80015112	Linear Guideway FN-BRH15-2-720	
1.8	03100101	X Drive Bracket	
1.9	03100118BA	Driving Cover Support	
1.10	03100117	Driving Cover X	
1.11	03100107BA	Belt Tension Bracket-X	
1.12	03100105CA	Driven Wheel Support-X	
1.13	03100106CA	Passive Pulley Shaft-X	
1.14	80030831	Needle Roller Bearing	
1.15	80023602	20-3M-16-12 Pulley	
1.16	03100110	Limit Mounting Bracket	
1.17	03150820	Sensor Board-Limit Position	
1.18	80023601VA	Pulley-3M-20-17-H8	
1.19	03100193	60 Motor-X Axis-L110	
1.20	03100123	Motor Cover Support- R	
1.21	03100122	Motor Cover Support- L	
S1	80810310	M3*10 Cylinder Head Hexagon - Black	
S2	80810305	M3*5 Cylinder Head Hexagon - Black	

No.	Serial No.	Part name	Remark
S3	80860410	Hat Head Philips Screw M4*10	
S4	80810308	M3*8 Cylinder Head Hexagon - Black	
S5	80900313	M3 Spring Washer- Black	
S6	80810306	M3*6 Cylinder Head Hexagon - Black	
S7	80746512	M5*12 Screw	
S8	80746408	Screw M4*8	
S9	80860408	M4*8 Screw	
S10	80746406	Screw M4*6	
S11	80810435	Cylinder Head Hexagon - Black M4*35	
S12	80900428	M4 Nut	
S13	80866510	Screw M5*10	
S14	80030864	Graphite Washer 14-8-1	
S15	80742305	Flanged Semi-Circular Cross-M3*5	
S16	80880506	M5*6 Hexagon Socket Set Screw	
S17	80900413	M4 Spring Washer - Black	
S18	80810410	M4*10 Hexagon Socket Caphead Screw	
S19	80740406	Small round head Phillips screw M4*6	
2	03100116	X Cover	
3	03105107	Driving Connection Plate	
4	03100121AB	X Direction Motor Cover	

08.X-AXIS DRIVE SYSTEM (BEFORE)

03080V3



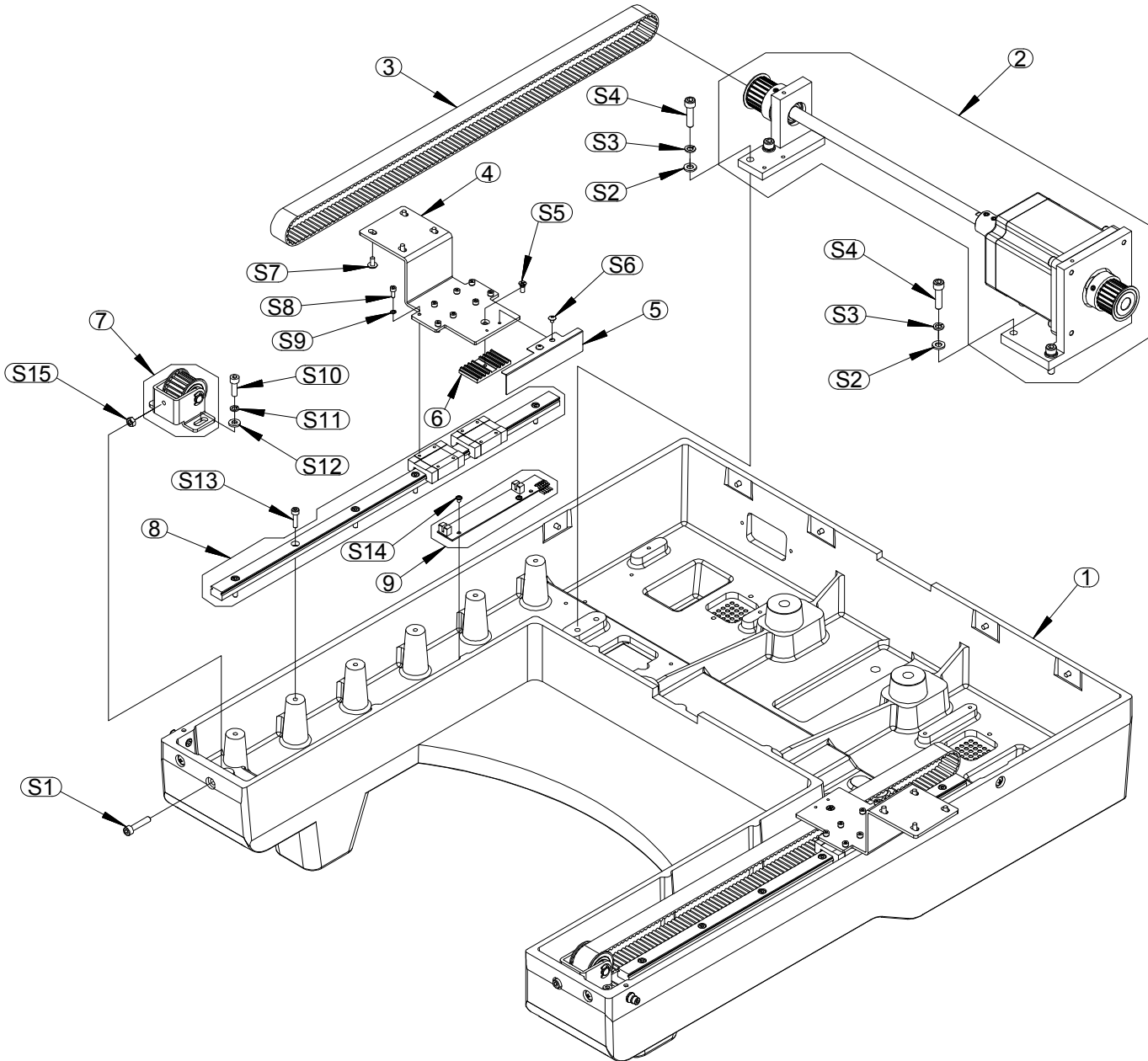
08.X-AXIS DRIVE SYSTEM (BEFORE)

03080V3

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09.Y-AXIS DRIVE SYSTEM

03090V4



09.Y-AXIS DRIVE SYSTEM

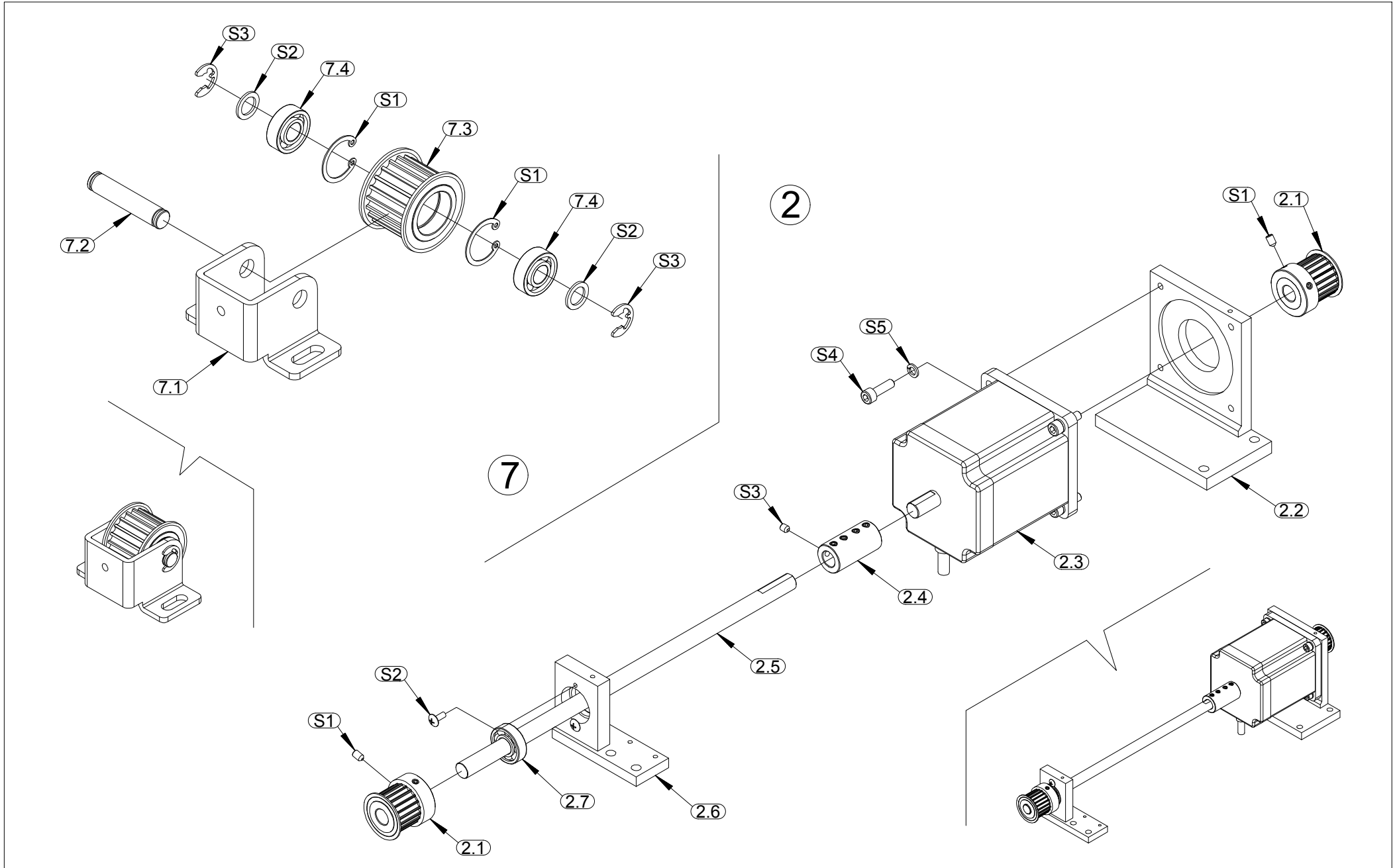
03090V4

No.	Serial No.	Part name	Remark
1	03010112VA	Base -P	
2	03105181	Y Motor Set	
3	03105151	Timing Belt-Y-5M-20-1030	
4	03105107	Driving Connection Plate	
5	03105115BA	Limit Baffle-Y	
6	03105108	Gear Platen	
7	03105134	Tensioner Pully Set	
8	80015116BA	Liear Guide Rail-450	
9	03150820	Sensor Board-Limit Position	
S1	80810525	M5*25 Hexagon Socket Head	
S2	80900601	M6 Plain Washer	
S3	80900613	M6 Spring Washer - Black	
S4	80810625	M6*25 Cylinder Head Hexagon - Black	
S5	80860410	Hat Head Philips Screw M4*10	
S6	80746304	Screw M3*4	
S7	80746408	Screw M4*8	
S8	80810308	M3*8 Cylinder Head Hexagon - Black	
S9	80900313	M3 Spring Washer- Black	
S10	80810516	M5*16 Hexagon Socket Head-Black	
S11	80900518	M5 Spring Washer	
S12	80900501	M5 Plain Washer	
S13	80810416	M4*16 Hexagon Socket Caphead Screw	
S14	80742305	Flanged Semi-Circular Cross-M3*5	
S15	80900528	M5 Nut	

[illegible]

09-1.Y-AXIS DRIVE SYSTEM

03090V4



09-1.Y-AXIS DRIVE SYSTEM

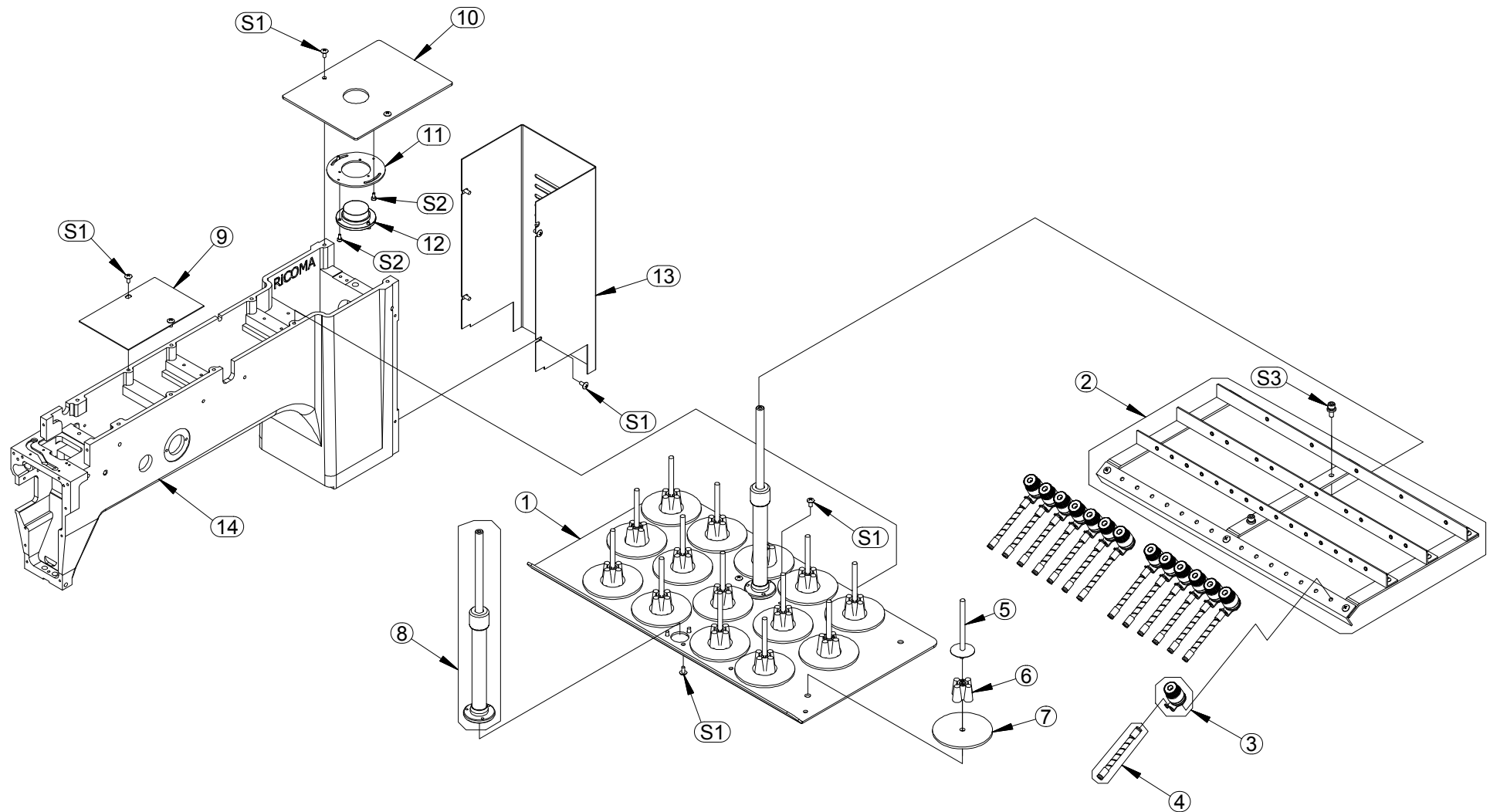
03090V4

No.	Serial No.	Part name	Remark
2	03105181	Y Motor Set	
2.1	80025266	Pulley-5M-20-22-H12	
2.2	03105121	Motor Base Y86	
2.3	03105192	86 Motor-Y Axis-L1150	
2.4	80031211	Φ12 Bearing Bushing	
2.5	03105112	Y Driving Shaft- 12	
2.6	03105122	Bearing Base-Y	
2.7	80031223	Deep Hook Ball Bearing-28-12-8	
S1	80880508	M5*8 Hexagon Socket Set Screw	
S2	80746410	Big Round Head Cross Screw M4*10	
S3	80880506	M5*6 Hexagon Socket Set Screw	
S4	80810620	M6*20 Cylinder Head Hexagon - Black	
S5	80900613	M6 Spring Washer - Black	
7	03105134	Tensioner Pully Set	
7.1	03105133	Tension Base	
7.2	03105132	Passive Pulley Shaft	
7.3	80025267	Pulley-5M-20-22-H19	
7.4	80030822	Ball Bearing 19-8-6	
S1	80031981	Circlip 19	
S2	80030863	Graphite Washer 12-8-1	
S3	80030871	E Type Circlip 8-7	

[illegible]

10.THREAD STAND

03100V4



10.THREAD STAND

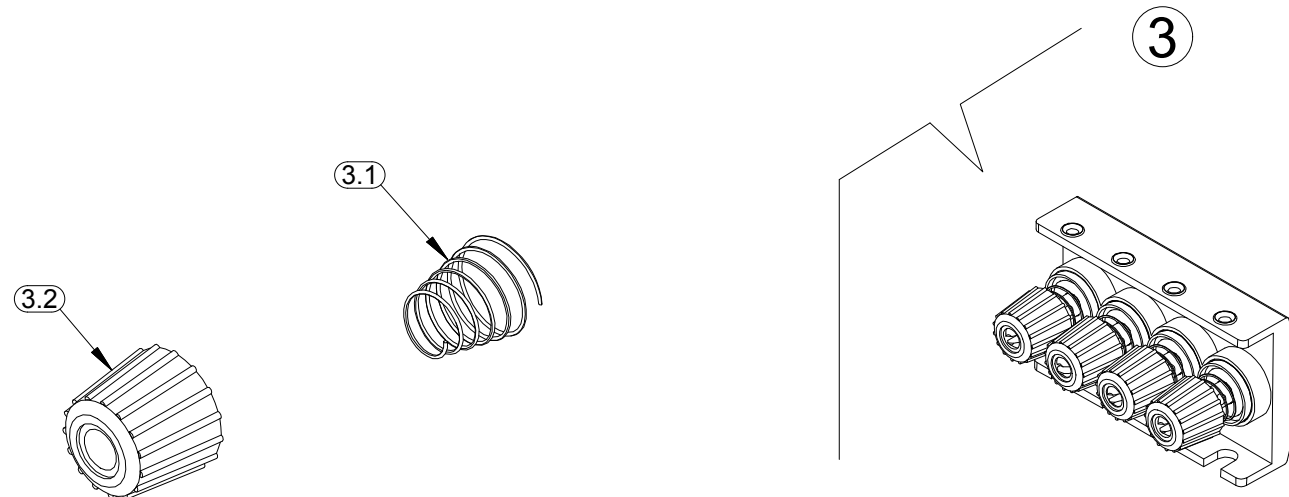
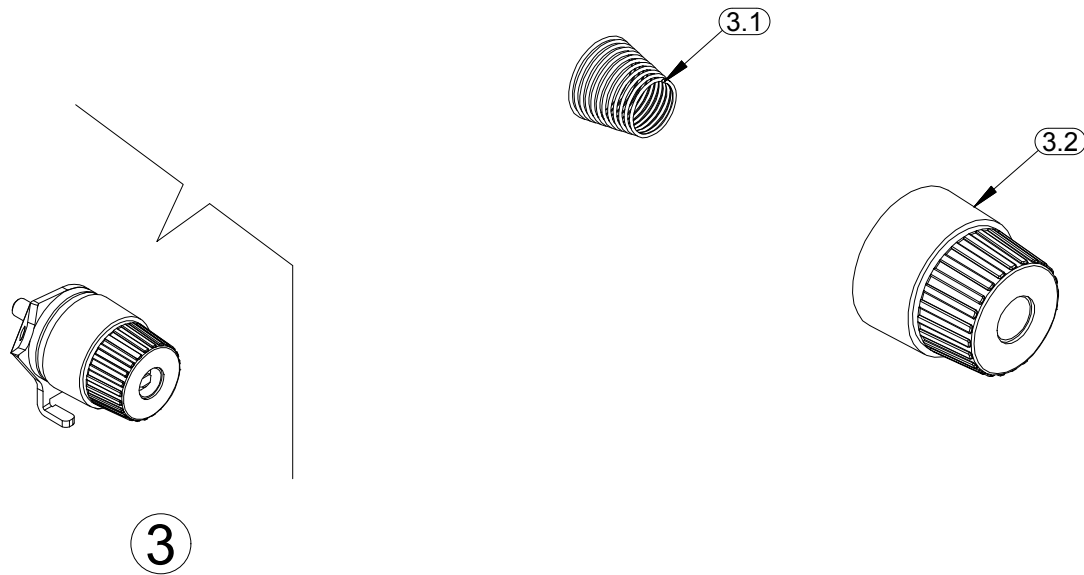
03100V4

No.	Serial No.	Part name	Remark
1	03044114	Thread Plate 12/15	
1	03044115	Thread Plate-20N	
2	03044191	Thread Stand Module -15	
2	03044190	Thread Stand Module -12	
2	03044193	Thread Stand Components-20N	
3	03144260VA	Wire Clipping Adjusting Knob-425C	
3	72211561	Thread Guide Clamp-4N	Parts for 20 needles
4	03044361	Plastic Thread Tube-Spiral-Transparent	
4	72211624	Threading Pip-Spiral-230	Parts for 20 needles
5	80211007	Thread Spool Pole	
6	80211008	Plastic Cushion B5	
7	80211009	Foam Cushion	
8	03044152VA	Lifting Stand - Aluminum Alloy	
9	03040127	Upper Cover	
9	03040128	Head Cover-Upper-20N	
10	03040133	Rear Cover	
10	03040138	Head Cover-Back Upper-P-20N	
11	03040134	Installation Base	
12	80221003	Plate Level	
13	03040132	Arm-Rear Cover	
14	03040101A	Machine Head	
S1	80746408	Screw M4*8	
S2	80813306	M3*6 Cylinder Head Hexagon - Stainless	
S3	80813581	M5*14 Hexagon Socket Caphead Screw	

[illegible]

10-1.THREAD STAND

03100V4



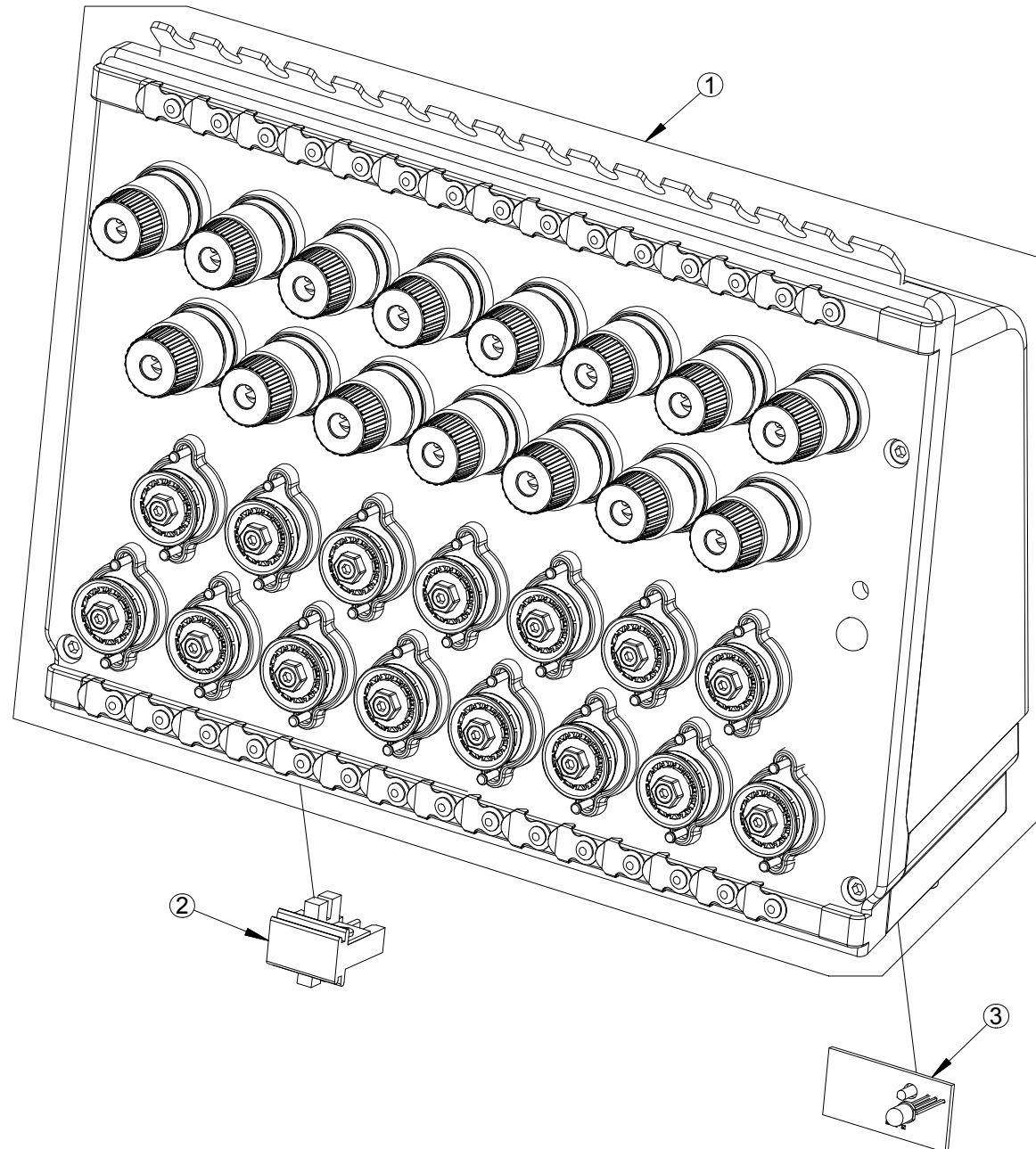
10-1.THREAD STAND

03100V4

[illegible][illegible]

11.THREAD TENSION BASE

03110V4



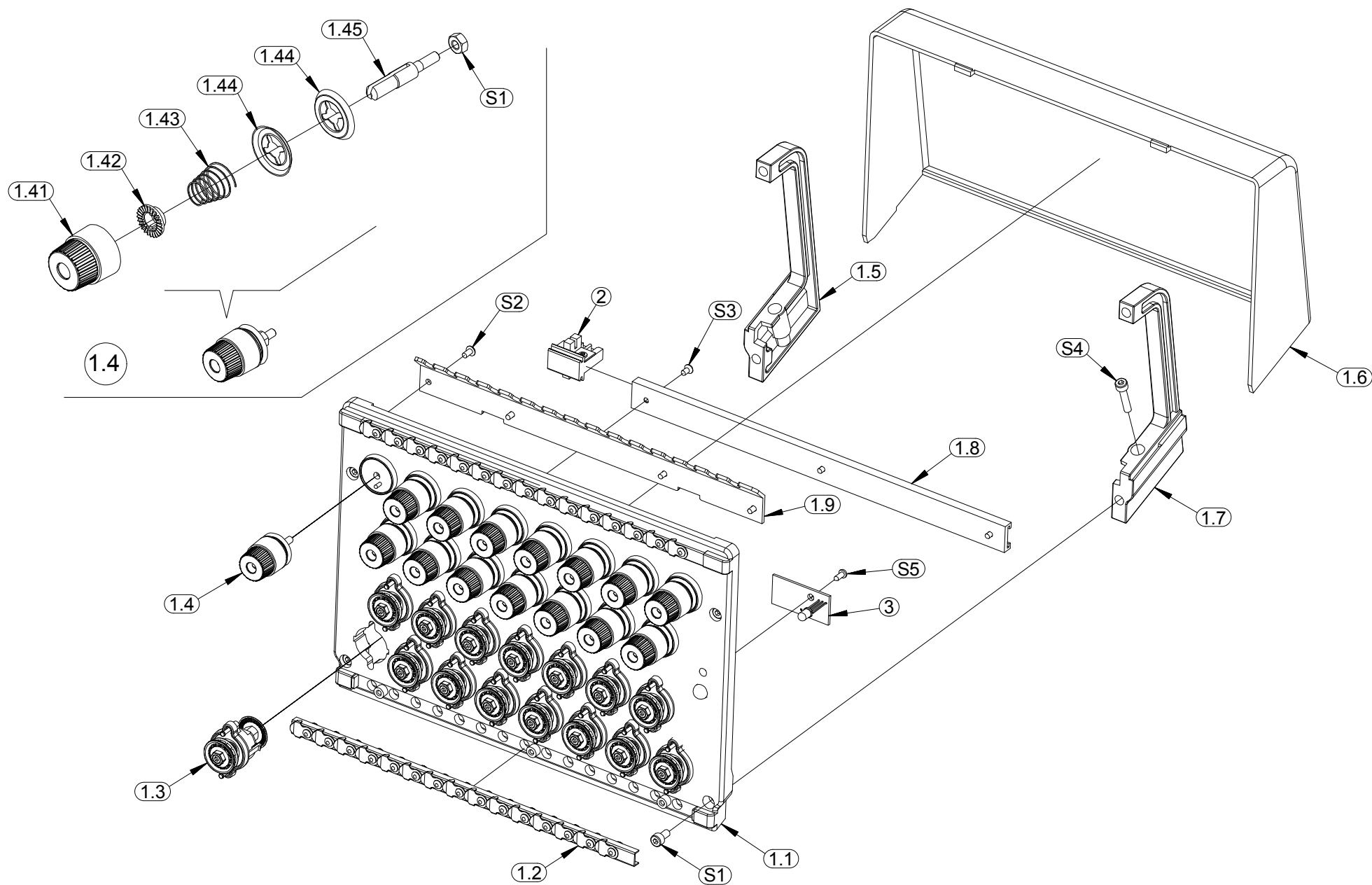
11.THREAD TENSION BASE

03110V4

[illegible][illegible]

11-1.THREAD TENSION BASE

03110V4



11-1.THREAD TENSION BASE

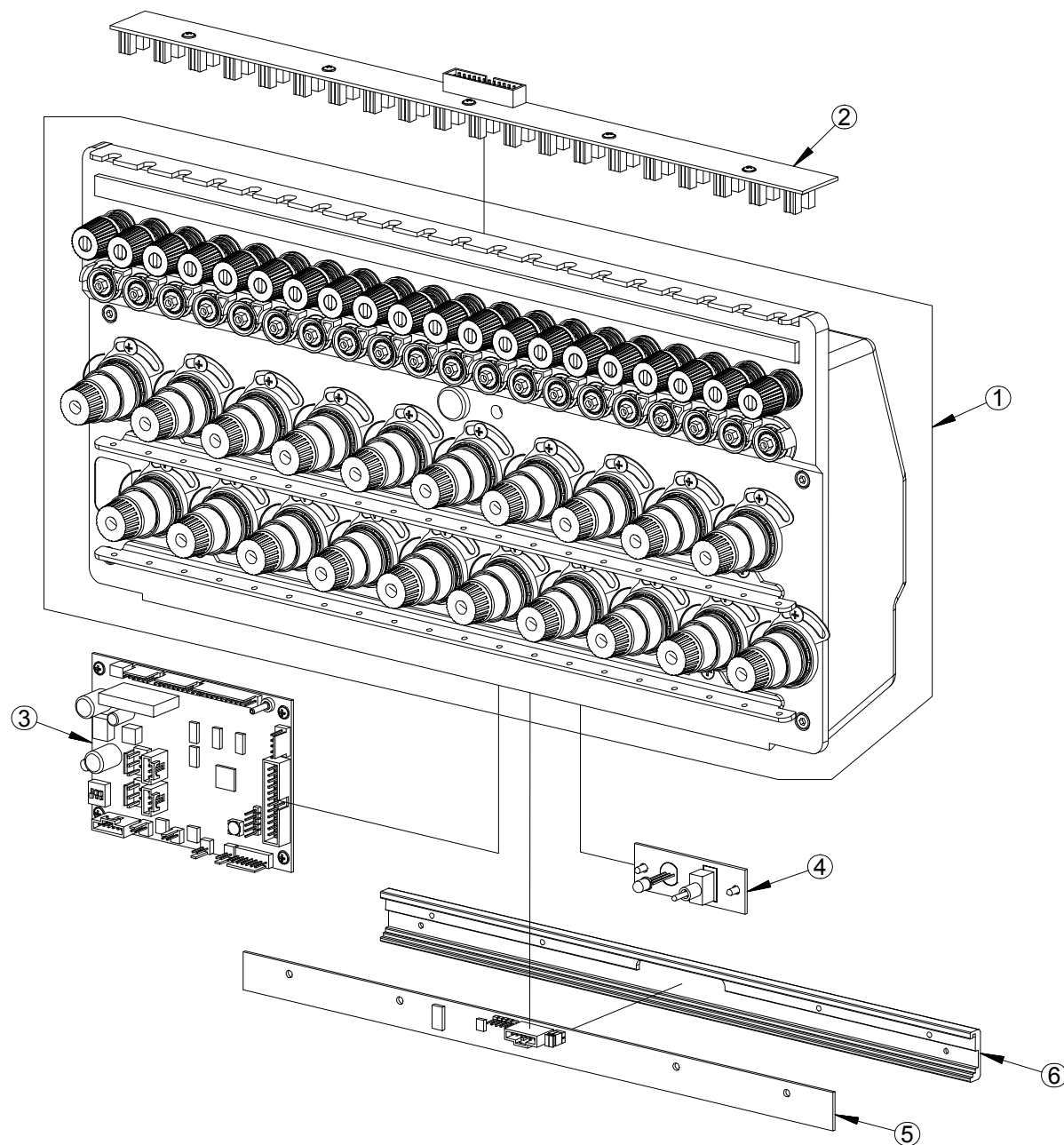
03110V4

No.	Serial No.	Part name	Remark
1	03144391VA	Thread Tension Base-15-RCM	
1	03144291VA	Thread Tension Base-12-RCM	
1.1	03144305	Thread Tension Base Faceplate-15N	
1.1	03144205	Thread Tension Base Faceplate-12N	
1.2	03144353	Thread Course Strip Module-15	
1.2	03144253	Thread Course Strip Module-12	
1.3	03144252	Thread Course Wheel Module-Bearing	
1.4	03144254	Adjusting Knob Module- Thread Tensioner	
1.5	03144214	Bracket Left-Thread Tension Base	
1.6	03144312	Thread Tension Base Rear Cover-15	
1.6	03144212	Thread Tension Base Rear Cover-12	
1.7	03144215	Bracket Right-Thread Tension Base	
1.8	03131521	Break Thread Base Sliping Strip-15	
1.8	03131221	Break Thread Base Sliping Strip-12	
1.9	03144310	Thread Guide Support Plate-15	
1.9	03144210	Thread Guide Support Plate-12	
S1	80813408	M4*8 Hexagon Socket Caphead Screw	
S2	80746306	Screw M3*6	
S3	80860326	M3*6 Flat Head Philips Screw	
S4	80810420	M4*20 Cylinder Head Hexagon - Black	
S5	80700117	Round Head Cross Tapping Screw M3*8	
2	03150801	Sensor Board-Detecting Thread Break	
3	03150802	Alarm Sensor Board	

[illegible]

11.THREAD TENSION BASE (20N)

03110V4



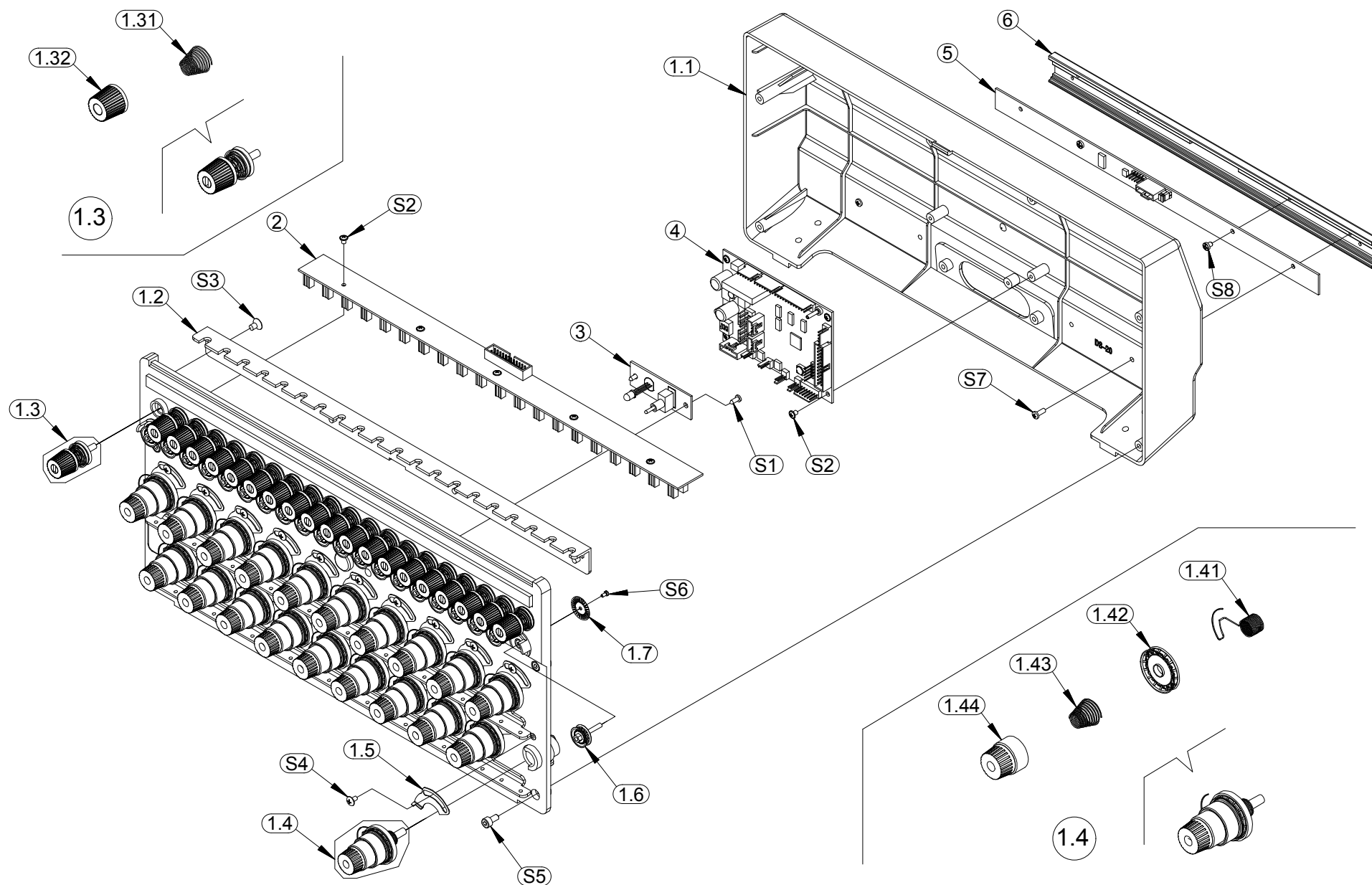
11.THREAD TENSION BASE (20N)

03110V4

[illegible][illegible]

11-1.THREAD TENSION BASE (20N)

03110V4



11-1.THREAD TENSION BASE (20N)

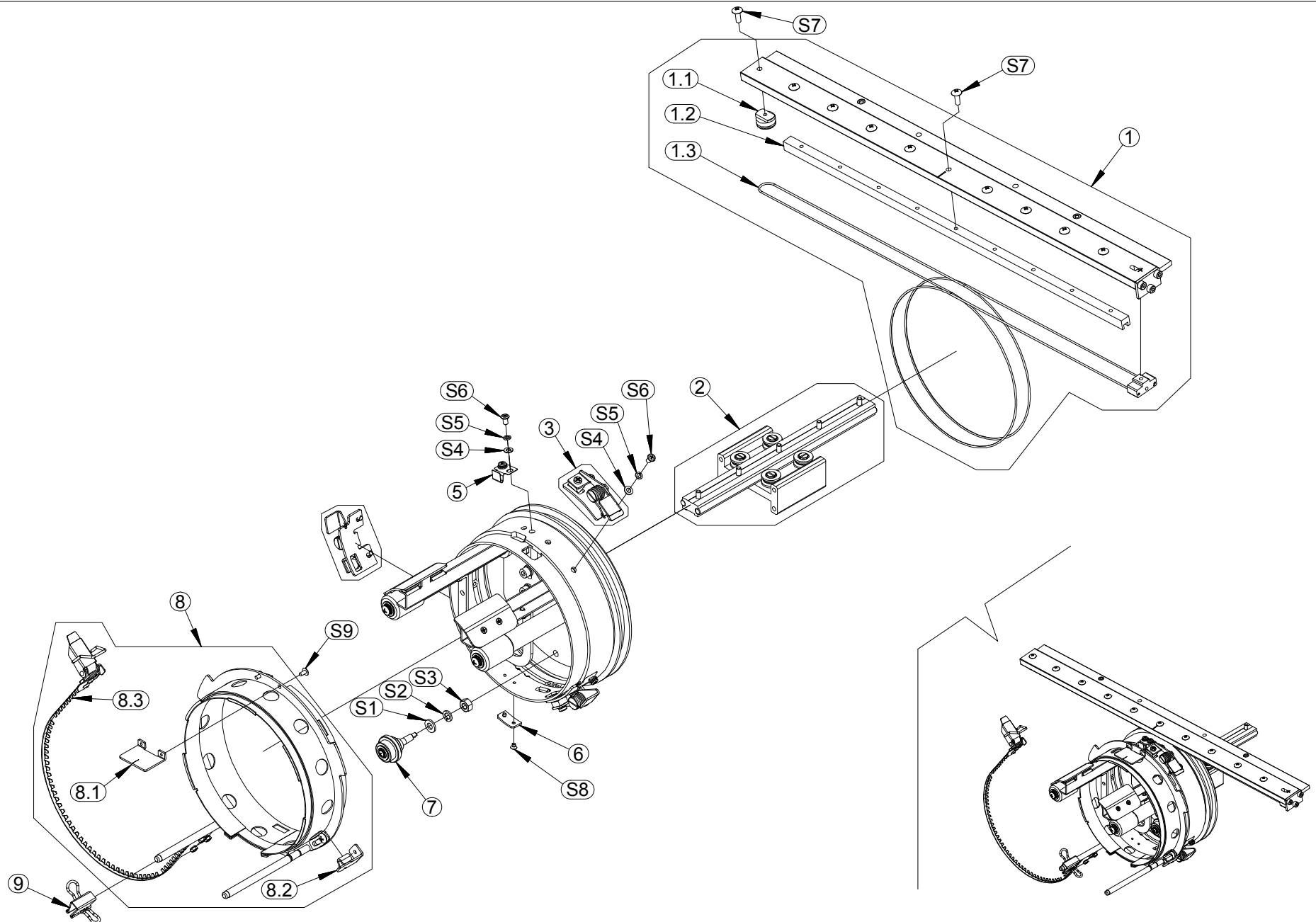
03110V4

No.	Serial No.	Part name	Remark
1	72216020	Wheel+Spring Thread Tension Base-20 Needles Assembly-DY	
1.1	72210620	Back Cover-Thread Tension Base-20N	
1.2	72211620	Thread Guide Support Plate-Wheel+Spring-20N	
1.3	72210760	Small Knob Assembly-DY	
1.4	72210360	Large Knob Assembly-DY	
1.5	72210201	Take-Up Thread Spring Copper	
1.6	72210401	Winding Wheel-DY	
1.7	72210501	Chop Light Wheel	
S1	80700117	Round Head Cross Tapping Screw M3*8	
S2	80742305	Flanged Semi-Circular Cross-M3*5	
S3	80860326	M3*6 Flat Head Philips Screw	
S4	80746306	Screw M3*6	
S5	80813408	M4*8 Hexagon Socket Caphead Screw	
S6	80740204	M2*4 Round Head Phillips -Nickel-Plated	
S7	80740308	Screw M3*8	
S8	80740304	Screw M3*4-Small Head Philips	
2	03151611	Thread Break Detection Board-20N	
3	03151603AA	Head Board-20N	
4	03150802VA	Arm Indicator Lighting Board-LED-P	
5	03150834	Needle Position Detection Board-C-20N	
6	03150835	Mount Base-Needle Position Detection Board-20N	
1.3	72210760	Small Knob Assembly-DY	
1.31	72210705	Tightening Knob - Small Knob-DY	
1.32	72210703	Small Spring	

[illegible]

12.CAP STAND FRAME

03120V4



12.CAP STAND FRAME

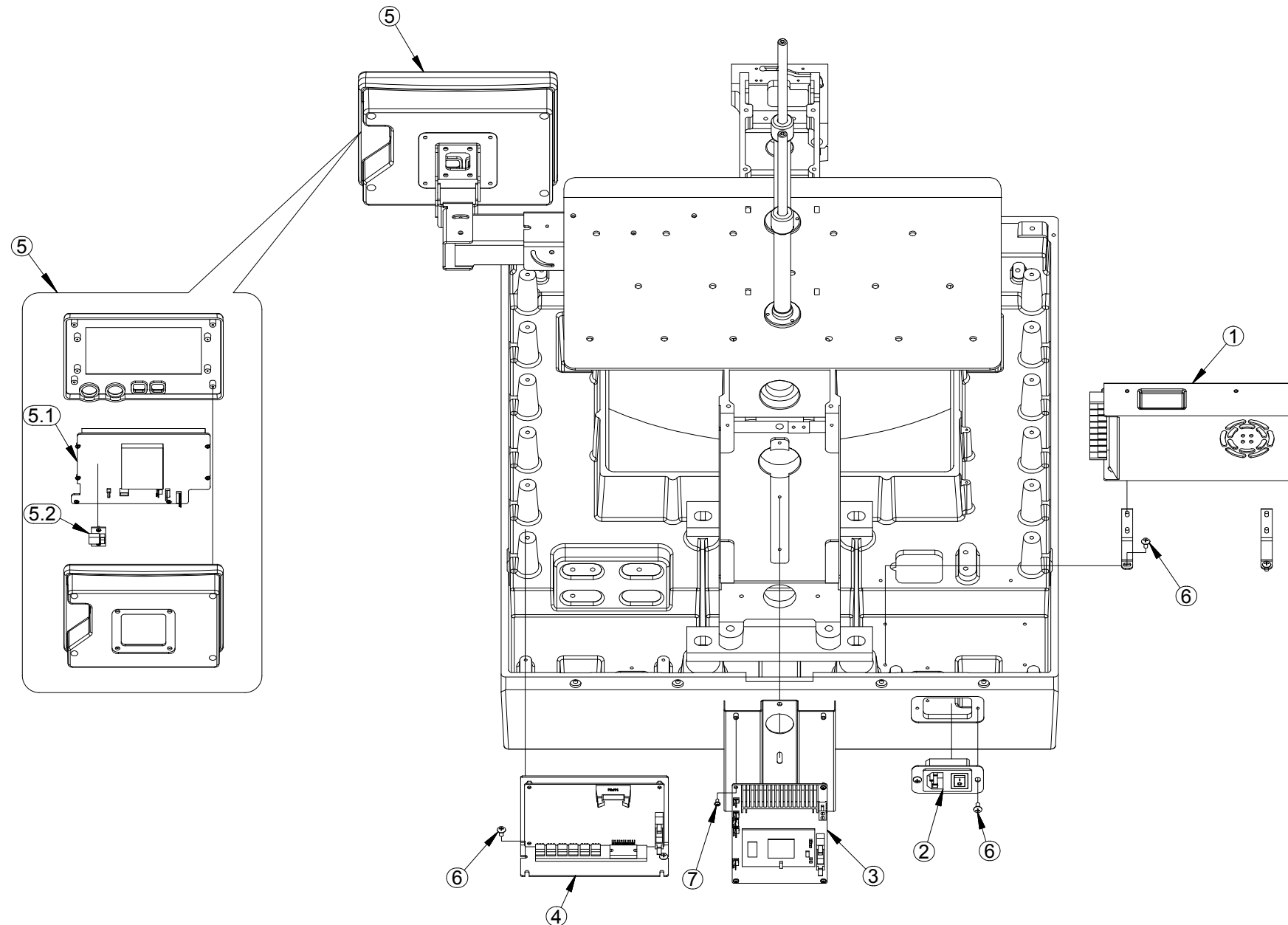
03120V4

No.	Serial No.	Part name	Remark
1	02815042	Hat Rack Drive Junction Plate Kit-P-MT	
1.1	02815008	Steel Wire Wheel	
1.2	02815047	Drive Bar-P-MT	
1.3	02815052	Hat Rack Steel Wire Kit-P-MT	
2	02815039	Linear Guide Rail Set Rkm-220-L	
3	02810270	Clamp Head Components A	
4	02810271	Clamp Head Components B	
5	02810205	Hat Rack Spacing Shrapnel	
6	02810204	Positioning Block	
7	02810161	Eccentric Wheel Components	
8	02811080	Cap Ring Kit -360	
8.1	02811006	Positioning Block	
8.2	02811019	Tapered End Hook	
8.3	02811082VA	Cap Strapping Rod Unit - Single Strap	
9	02811055	Clamp - Cap Ring	
S1	80900601	M6 Plain Washer	
S2	80900618	M6 Spring Washer	
S3	80900628	Nut M6 - Stainless Steel	
S4	80900401	M4 Plain Washer	
S5	80900418	M4 Spring Washer	
S6	80740401	Screw M4*6-Small Head	
S7	80746412	Screw M4*12	
S8	80860328	M3X8 Screw	
S9	80746304	Screw M3*4	

[illegible]

13.CONTROL PANEL - 7 INCH

03130V4



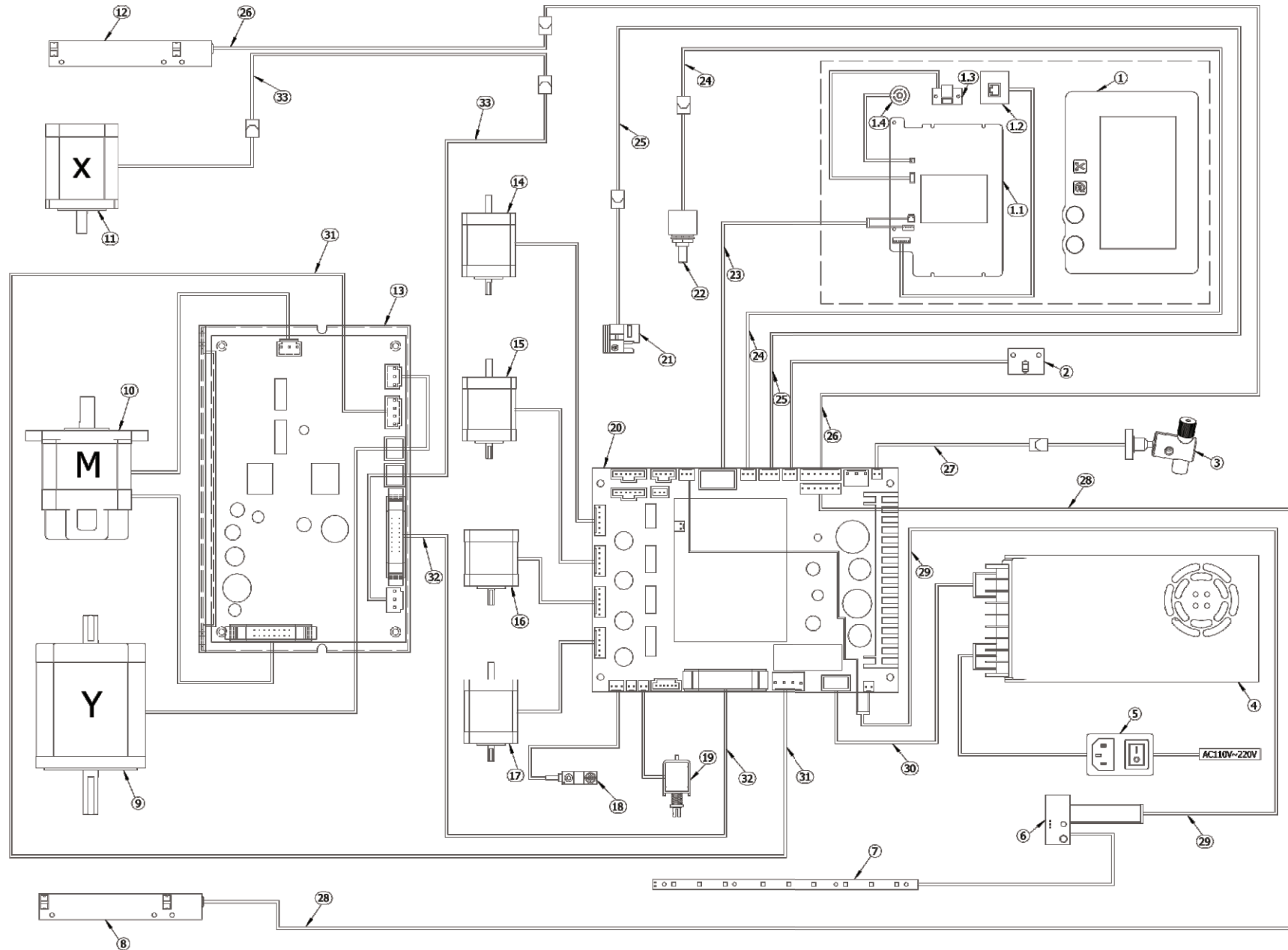
13.CONTROL PANEL - 7 INCH

03130V4

[illegible][illegible]

13-1.CONTROL PANEL - 7 INCH

03131V4



13-1.CONTROL PANEL - 7 INCH

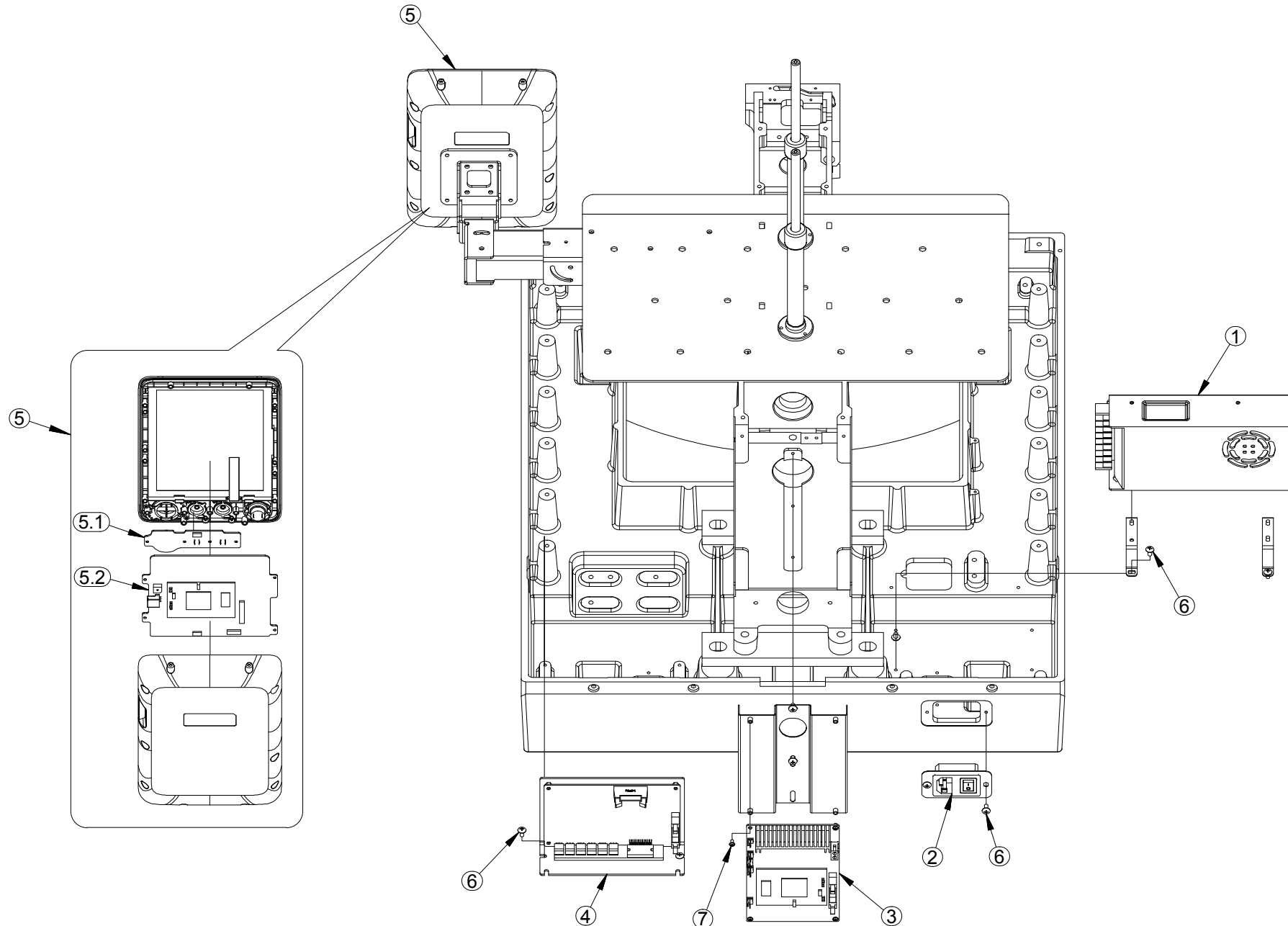
03131V4

No.	Serial No.	Part name	Remark
1	03151561RT	Control Panel Module-RT7P	
1.1	03150204RT	Main Board-RT7P	
1.2	03150601RT	Network Interface Board-RT7P	
1.3	03150206BA	Usb Interface Board-OEM	
1.4	03150231	Emergency Button	
2	03150810	Sensor Board-Zero Position	
3	05313121	Laser Head	
4	80380641	Switching Power Supply-PDF-350-36	
5	3006153101	Input Socket	
6	03150802	Alarm Sensor Board	
7	03090512	Alarm Sensor Board-LED-12-P	
7	03090515	Alarm Sensor Board-LED-15-P	
8	03150820	Sensor Board-Limit Position	
9	03105192	86 Motor-Y Axis-L1150	
10	03021191	70 Motor-Main Axis-L350	
11	03100193	60 Motor-X Axis-L110	
12	03150820	Sensor Board-Limit Position	
13	03150360RT	3 In 1 Driver	
14	03040593	42 Motor-Color Change-L1200	
15	03021291	42 Motor-Trimming-L600	
16	03040693	42 Motor-Thread Hooking-L1200	
17	03040692	42 Motor-Jumping-L1200	
18	80333601	Micro Approximity Switch	
19	03020660	Picker Solenoid Assembly-SR-P	

[illegible]

13.CONTROL PANEL - 8 INCH

03130V4



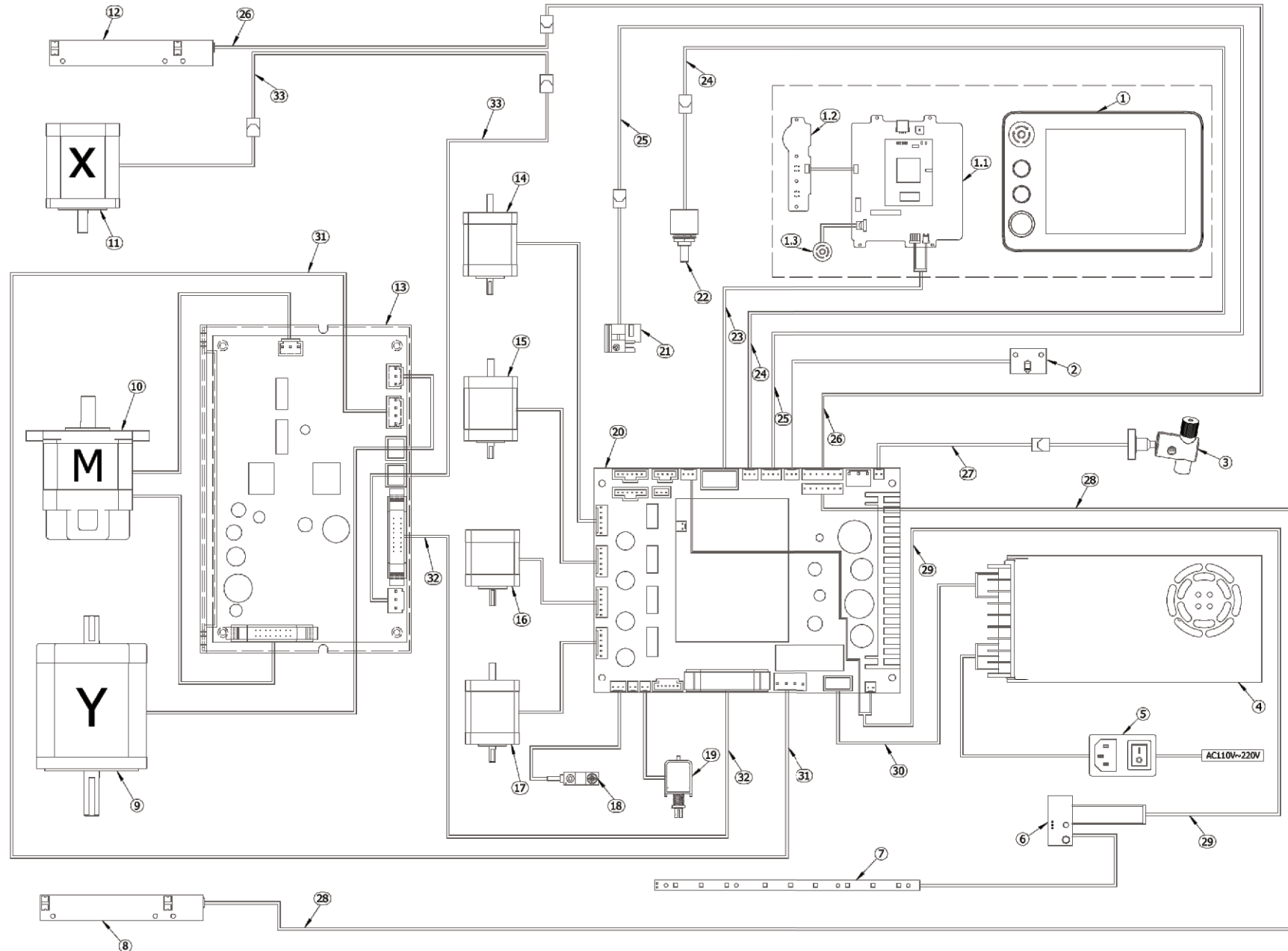
13.CONTROL PANEL - 8 INCH

03130V4

[illegible][illegible]

13-1.CONTROL PANEL - 8 INCH

03131V4



13-1.CONTROL PANEL - 8 INCH

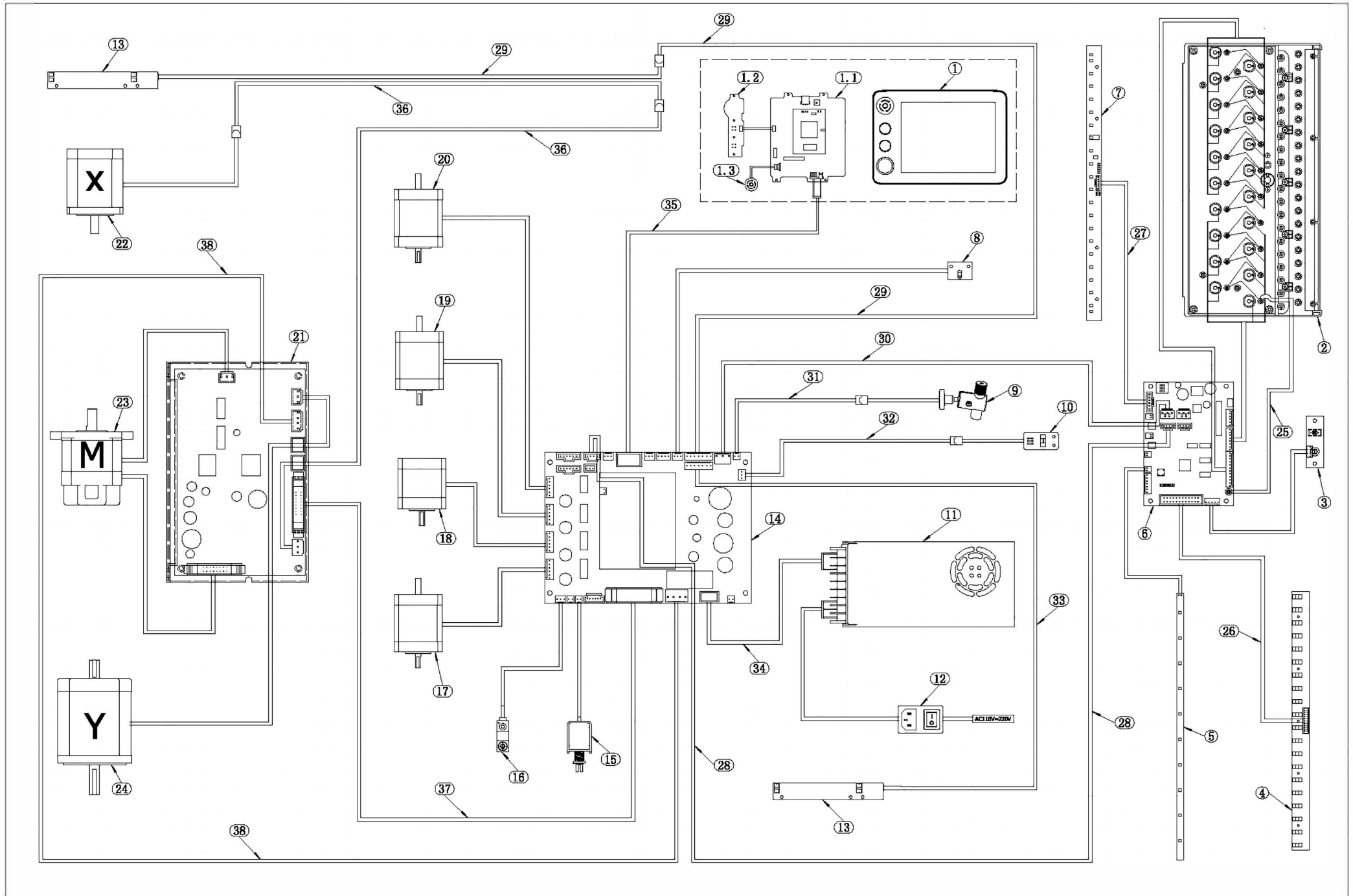
03131V4

No.	Serial No.	Part name	Remark
1	03151568	Control Panel Module- P8-RCM- Gley	
1.1	03150203RT	Main Board-508	
1.2	03151516	Button Plate-8 Inch	
1.3	03151515	Emergency Switch-8 Inch	
2	03150810	Sensor Board-Zero Position	
3	05313121	Laser Head	
4	80380641	Switching Power Supply-PDF-350-36	
5	3006153101	Input Socket	
6	03150802	Alarm Sensor Board	
7	03090512	Alarm Sensor Board-LED-12-P	
7	03090515	Alarm Sensor Board-LED-15-P	
8	03150820	Sensor Board-Limit Position	
9	03105192	86 Motor-Y Axis-L1150	
10	03021191	70 Motor-Main Axis-L350	
11	03100193	60 Motor-X Axis-L110	
12	03150820	Sensor Board-Limit Position	
13	03150360RT	3 In 1 Driver	
14	03040593	42 Motor-Color Change-L1200	
15	03021291	42 Motor-Trimming-L600	
16	03040693	42 Motor-Thread Hooking-L1200	
17	03040692	42 Motor-Jumping-L1200	
18	80333601	Micro Approximity Switch	
19	03020660	Picker Solenoid Assembly-SR-P	
20	03150760RT	Multi-Function Board + DSP Small Board	

[illegible]

13-2.CONTROL PANEL - 8 INCH (20N)

03131V4



13-2.CONTROL PANEL - 8 INCH (20N)

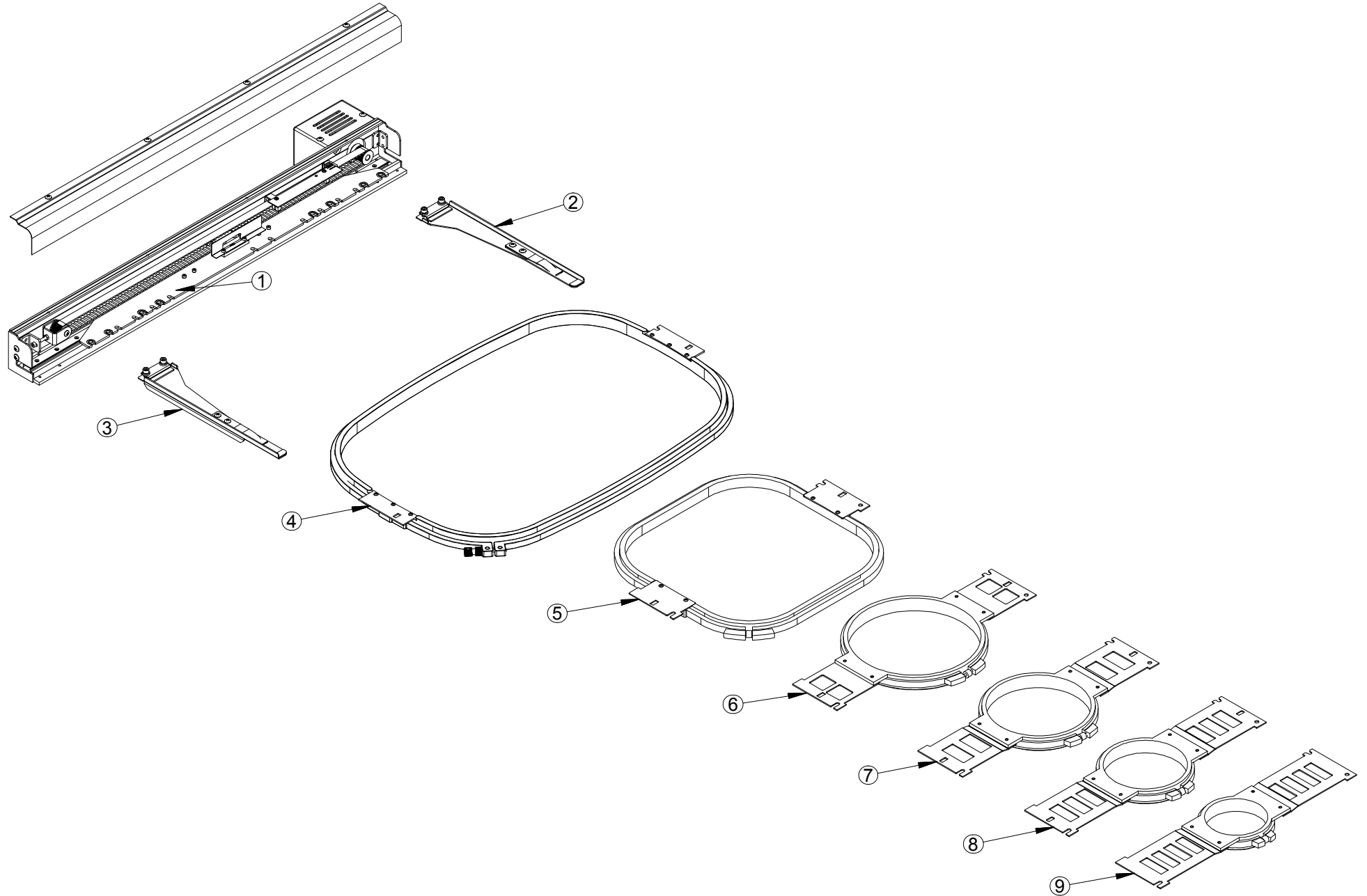
03131V4

No.	Serial No.	Part name	Remark
1	03151568	Control Panel Module- P8-RCM- Gley	
1.1	03150203RT	Main Board-508	
1.2	03151516	Button Plate-8 Inch	
1.3	03151515	Emergency Switch-8 Inch	
2	72216020	Wheel+Spring Thread Tension Base-20 Needles Assembly-DY	
3	03150802VA	Arm Indicator Lighting Board-LED-P	
4	03151611	Thread Break Detection Board-20N	
5	03090520	Light Plate-LED-20N	
6	03151603AA	Head Board-20N	
7	03150834	Needle Position Detection Board-C-20N	
8	03150810	Sensor Board-Zero Position	
9	05313121	Laser Head	
10	3006152104A	Zero Position Sensor-Color Change-20N	
11	80380641	Switching Power Supply-PDF-350-36	
12	3006153101	Input Socket	
13	03150820	Sensor Board-Limit Position	
14	03150760RT	Multi-Function Board + DSP Small Board	
15	03020660	Picker Solenoid Assembly-SR-P	
16	80333601	Micro Approximity Switch	
17	03040692	42 Motor-Jumping-L1200	
18	03040693	42 Motor-Thread Hooking-L1200	
19	03021291	42 Motor-Trimming-L600	
20	03040593	42 Motor-Color Change-L1200	
21	03150360RT	3 In 1 Driver	

No.	Serial No.	Part name	Remark
22	03100193	60 Motor-X Axis-L110	
23	03021191	70 Motor-Main Axis-L350	
24	03105192	86 Motor-Y Axis-L1150	
25	03154327	Wheel+Spring Thread Tension Base-Head Board With Ground Wire	
26	03154331AA	Signal Cable-Head Board To Thread Break Detection Board	
27	03154328	Signal Cable-Head Board To Needle Position Detection Board-20N	
28	03154332	Signal Cable-Head Board To Multi-Function Board	
29	03154340PT	Signal Cable-X Axis Limit Sensor To Multi-Function Board	
30	03154334	Power Cable-Head Board To Multi-Function Board	
31	03154341PT	Power Cable-Laser Device To Multi-Function Board	
32	03154329	Optocoupler Cable-Half Turn-Color Change	
33	03154342PT	Signal Cable-Y Axis Limit Sensor To Multi-Function Board	
34	03154344PT	Power Cable-Switch Power To Multi-Function Board	
35	03154337PT	Power Cable + Signal Cable-8 Inch Control Panel To Multi-Function Board	
36	03154347PT	Power Cable-X Axis Motor To Multi-Function Board	
37	03154346PT	Signal Cable-Multi-Function Board To 3-In-1 Driver	
38	03154345PT	Power Cable-Multi-Function Board To 3-In-1 Driver	

14.FRAME

03140V4



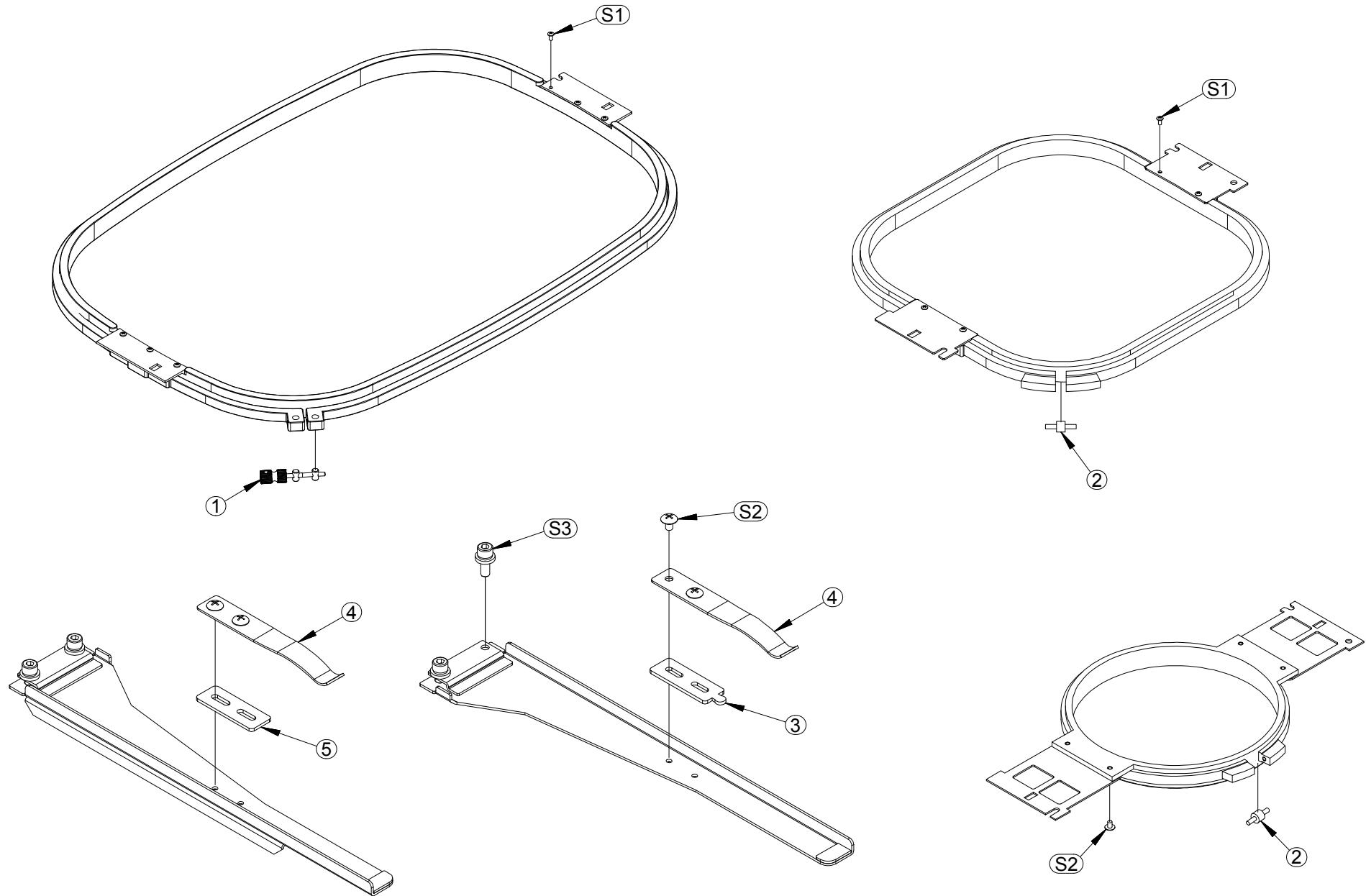
14.FRAME

03140V4

[illegible][illegible]

14-1.FRAME

03140V4



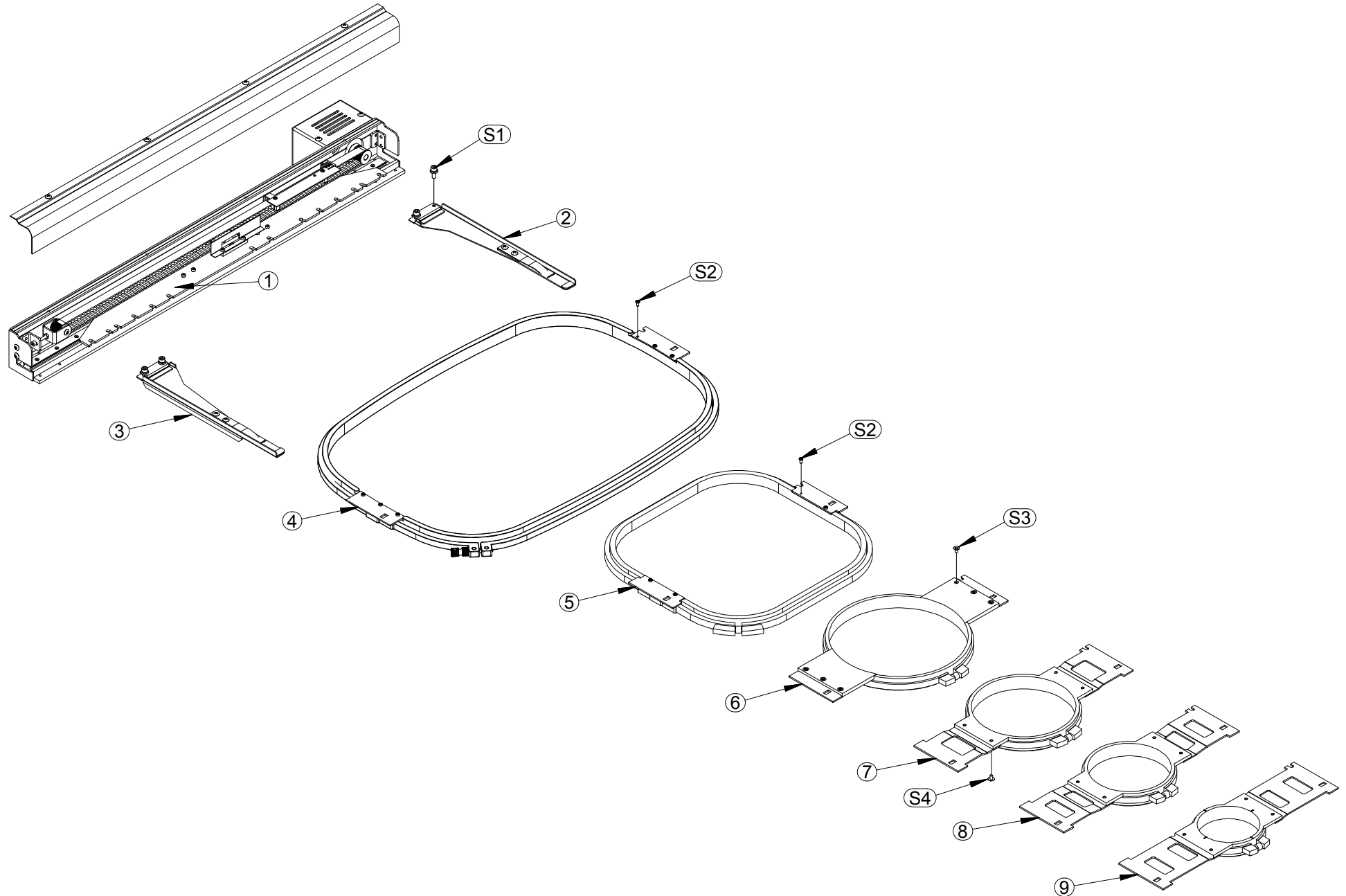
14-1.FRAME

03140V4

[illegible][illegible]

14.FRAME (BEFORE)

03140V3



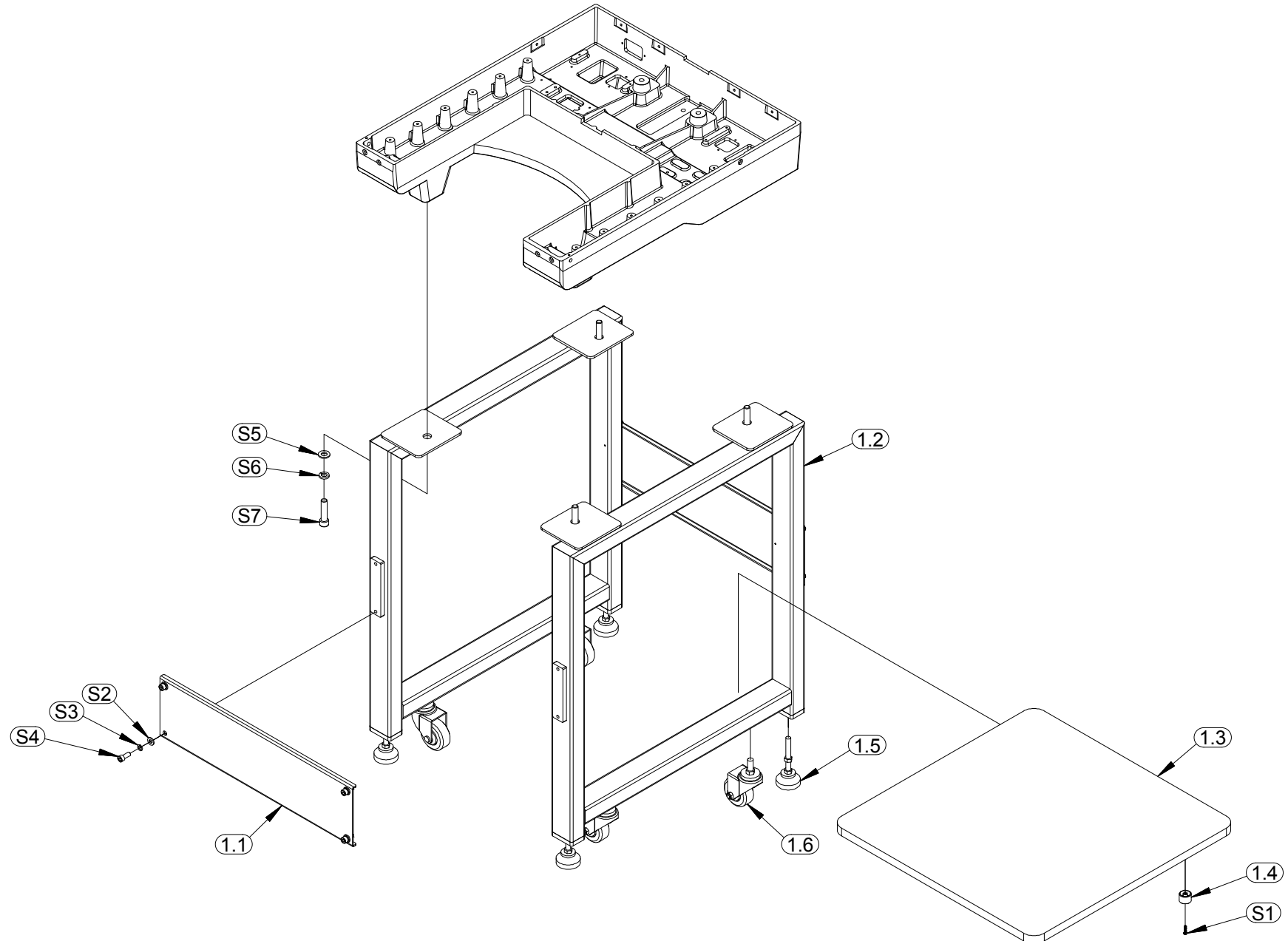
14.FRAME (BEFORE)

03140V3

[illegible][illegible]

15.STAND AND TABLE

03150V4



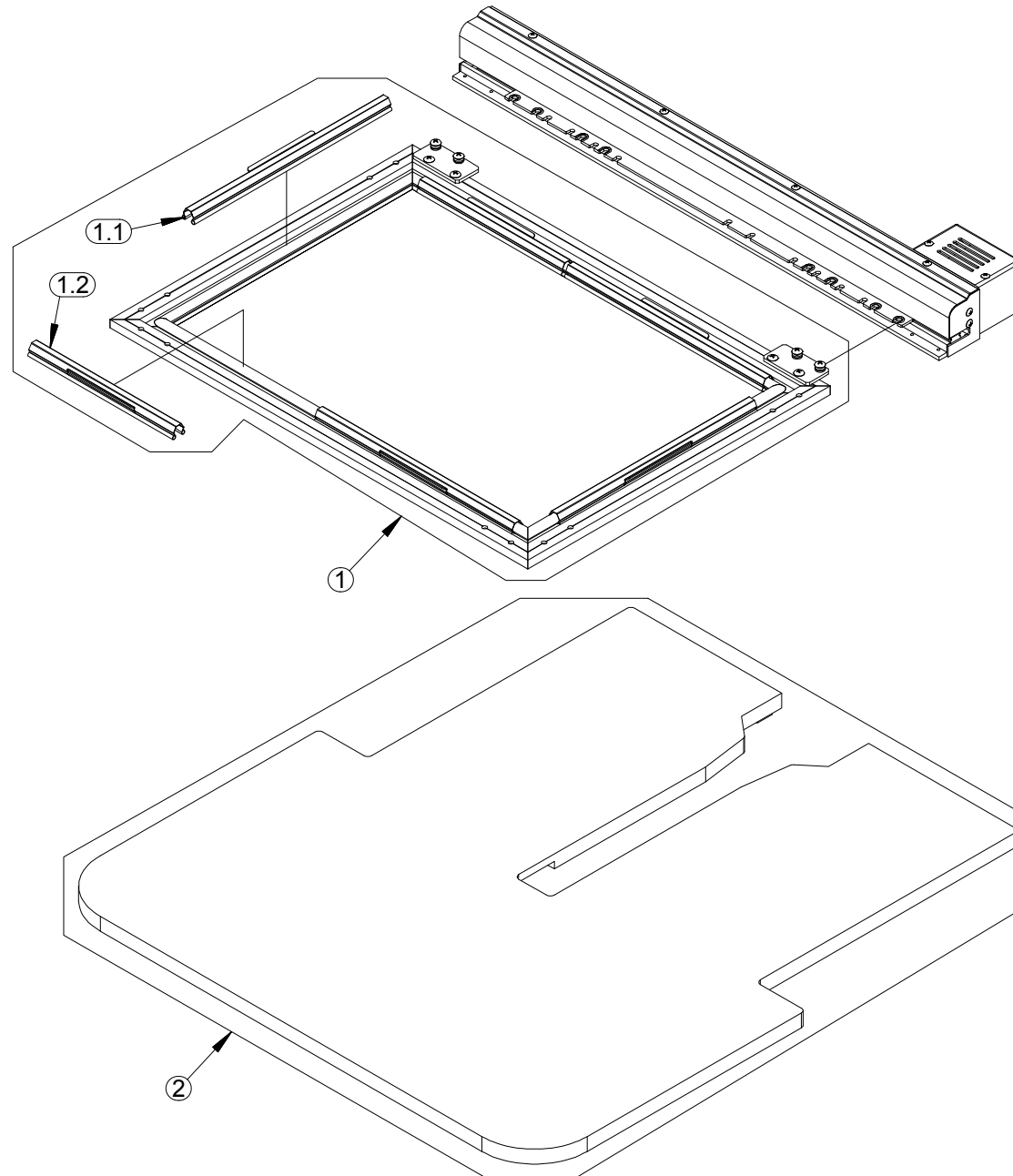
15.STAND AND TABLE

03150V4

[illegible][illegible]

16.EW2214 DEVICE (OPTIONAL)

03160V4



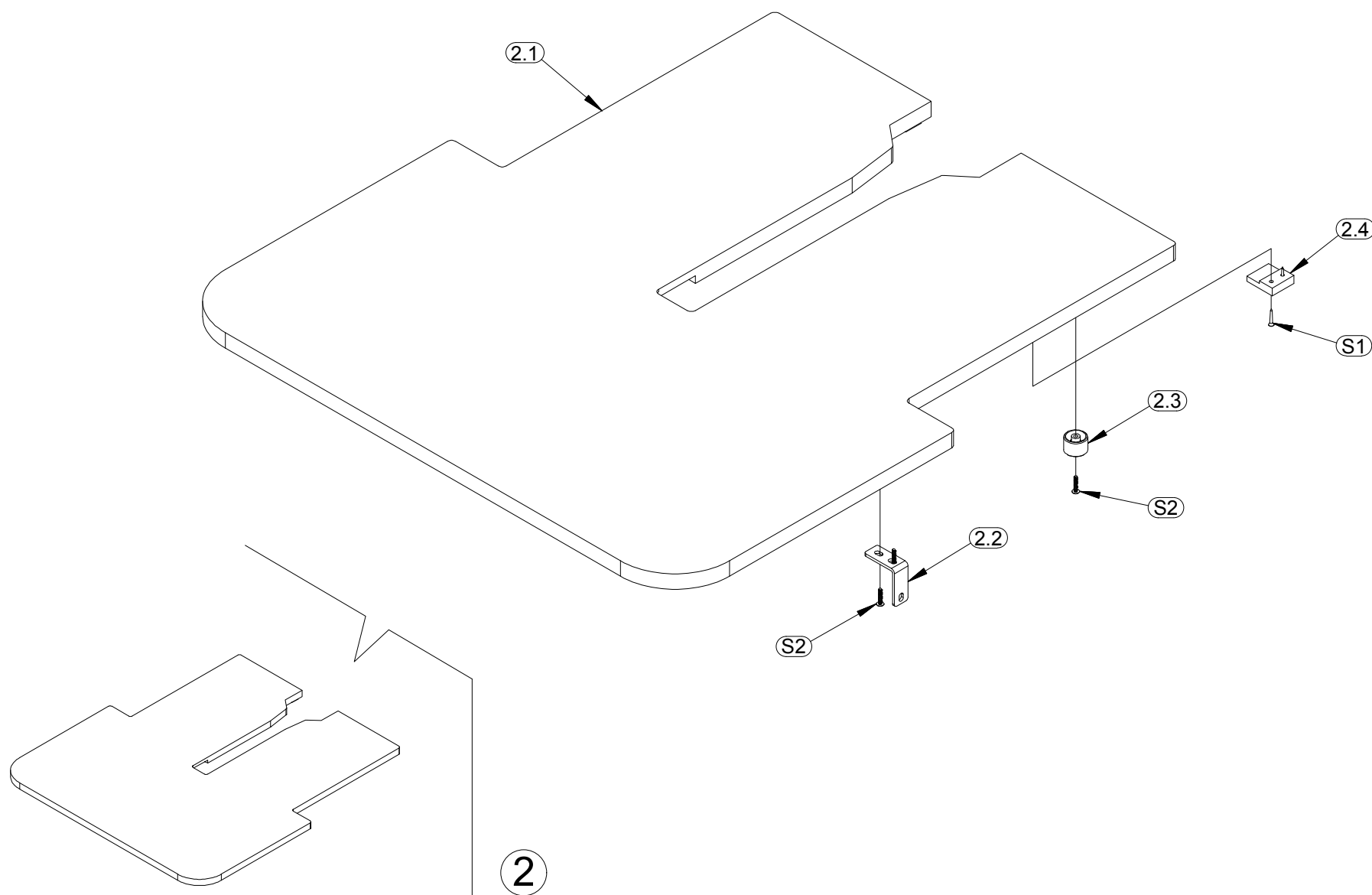
16.EW2214 DEVICE (OPTIONAL)

03160V4

[illegible][illegible]

16-1.EW2214 DEVICE (OPTIONAL)

03160V4



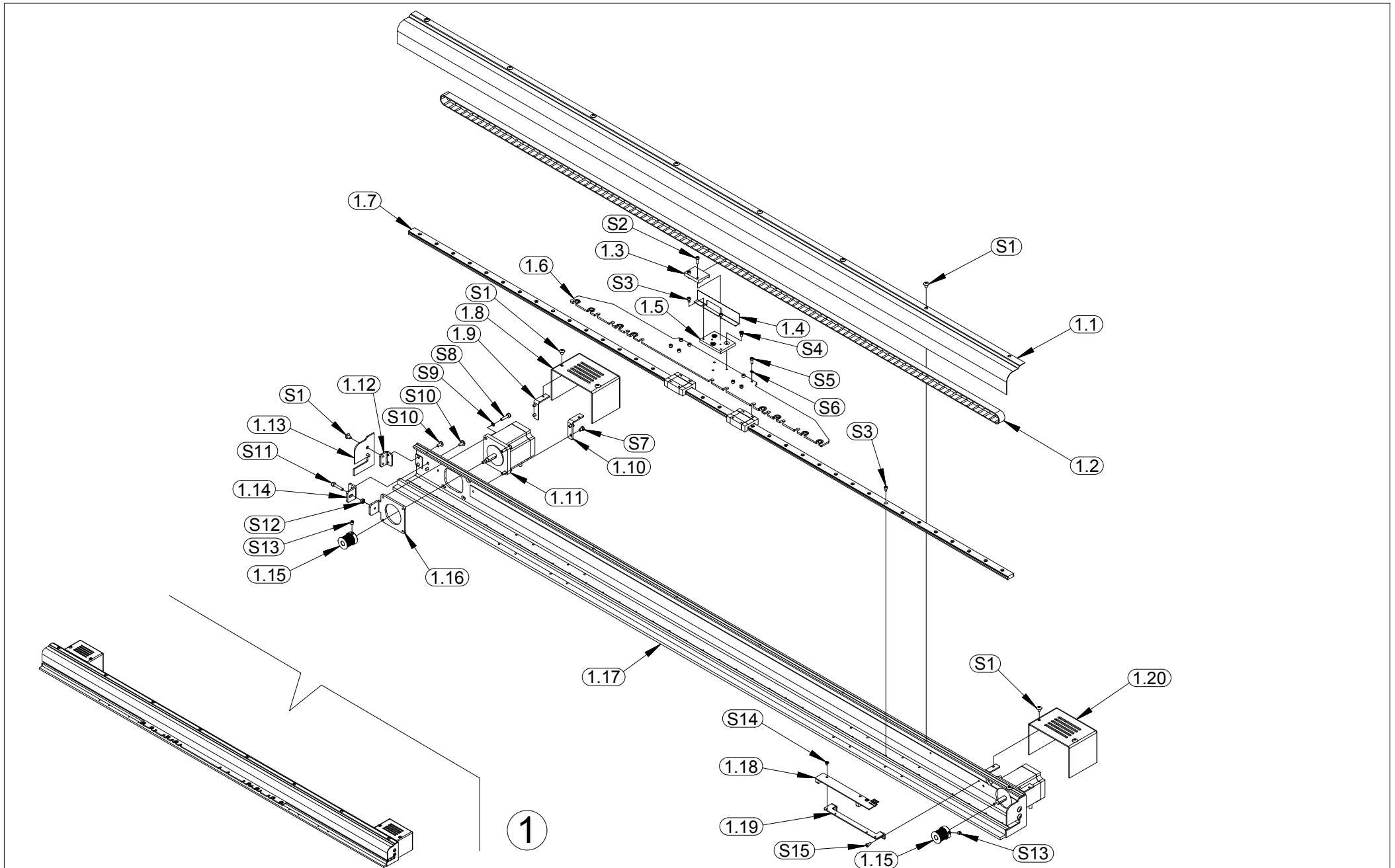
16-1.EW2214 DEVICE (OPTIONAL)

03160V4

[illegible][illegible]

17.EW4814 DEVICE (OPTIONAL)

03170V4



17.EW4814 DEVICE (OPTIONAL)

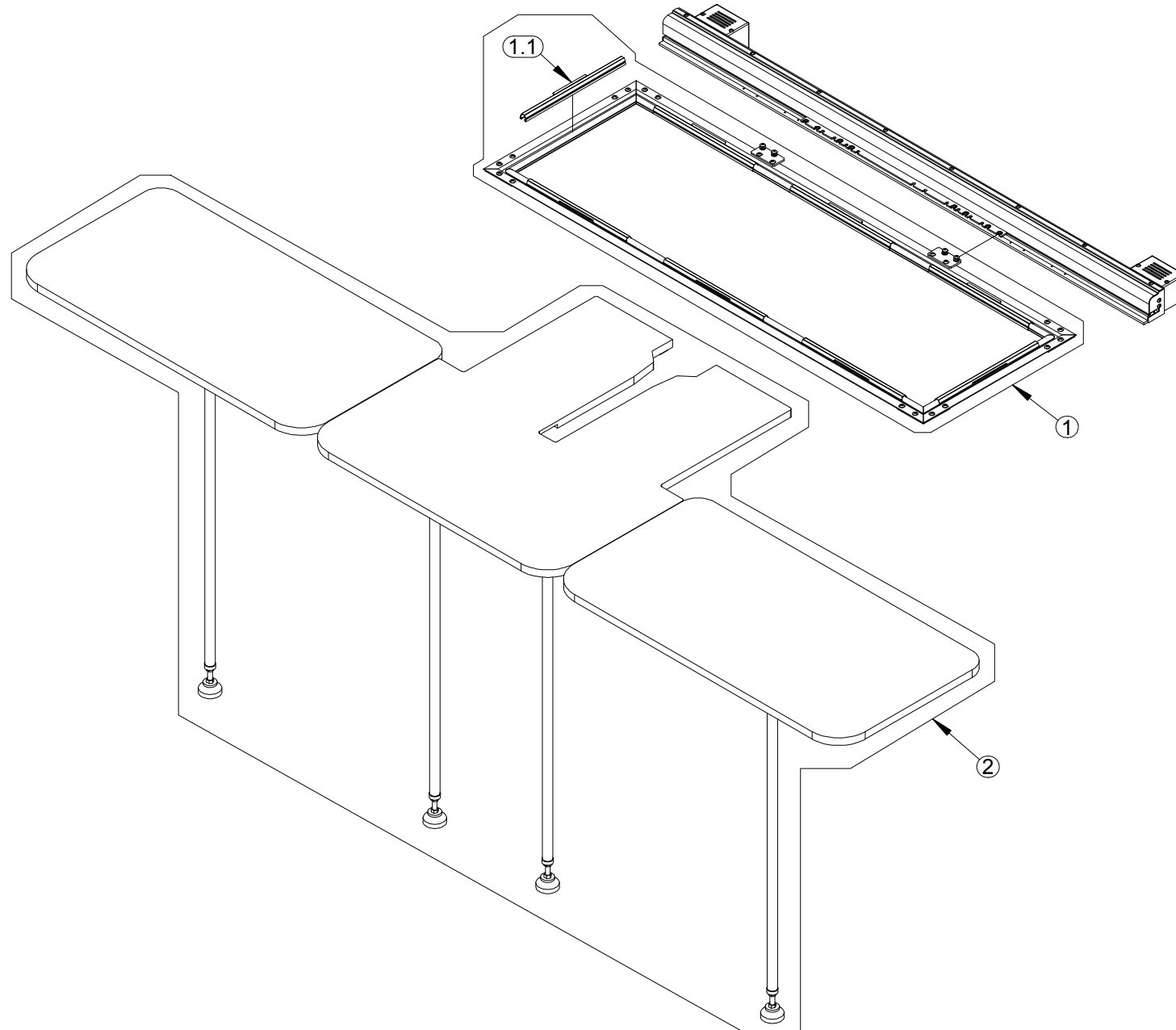
03170V4

No.	Serial No.	Part name	Remark
1	03100192	X-Axis Driving Set-1460	
1.1	03100156	X-Axis Driving Cover-1464	
1.2	03175250	Synchronous Belt-X-1200	
1.3	03100108	Belt Tension Platen	
1.4	03100112V1	Light Baffle-Limit-X	
1.5	03100104	Connection Pressing Platen	
1.6	03100131CC	Driver Connecting Board-X-Flat Board	
1.7	80015117	Liear Guide Rail-BRH15-2-1440	
1.8	03100121	X Direction Motor Cover	
1.9	03100123	Motor Cover Support- R	
1.10	03100122	Motor Cover Support- L	
1.11	03100193	60 Motor-X Axis-L110	
1.12	03100118BA	Driving Cover Support	
1.13	03100117	Driving Cover X	
1.14	03100107BA	Belt Tension Bracket-X	
1.15	80023601VA	Pulley-3M-20-17-H8	
1.16	03175225	Motor Mounting Plate	
1.17	03100151	X-Axis Driving Bracket-1460	
1.18	03150820	Sensor Board-Limit Position	
1.19	03100110	Limit Mounting Bracket	
1.20	03100121AB	X Direction Motor Cover	
S1	80746406	Screw M4*6	
S2	80810310	M3*10 Cylinder Head Hexagon - Black	
S3	80810305	M3*5 Cylinder Head Hexagon - Black	

[illegible]

17.EW4814 DEVICE (OPTIONAL)

03171V4



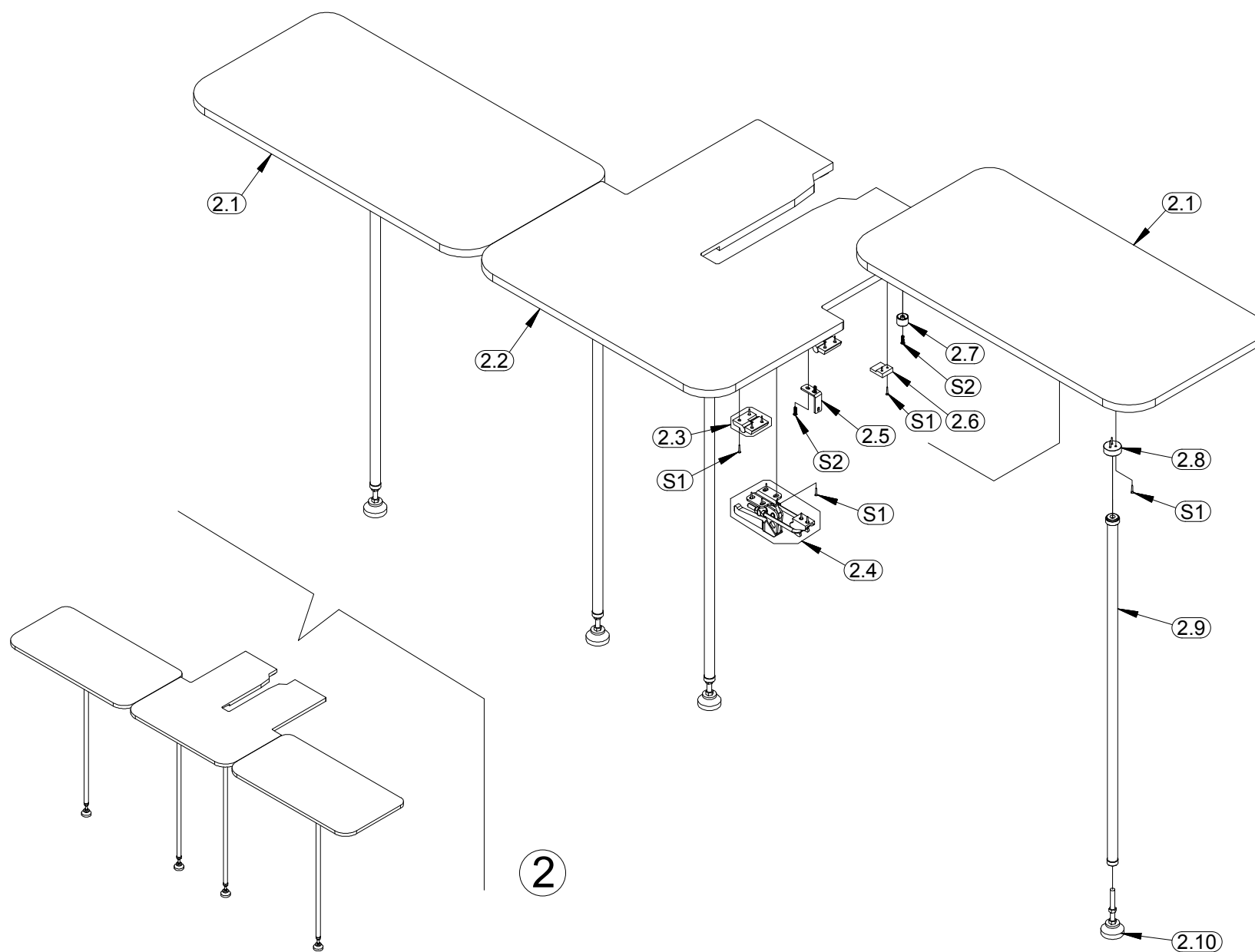
17.EW4814 DEVICE (OPTIONAL)

03171V4

[illegible][illegible]

17-1.EW4814 DEVICE (OPTIONAL)

03171V4



17-1.EW4814 DEVICE (OPTIONAL)

03171V4

[illegible][illegible]



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