

PARTS LIST

TMCE MIXED TYPE

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Part Nos. of screws, nuts, washers etc. are listed at the end of volume.

[Explanation of Marks #'s and *'s at End of Part No.]

- ◆ Please specify, in the following manner, your machine model, manufacturing number and embroidery space when you order us with the parts having ***** at the end of the part No.:

Ex.

- ◆ Please specify the number of needles on your machine's head in your parts order by changing the marks ##### into one of the 4-digit numbers below:

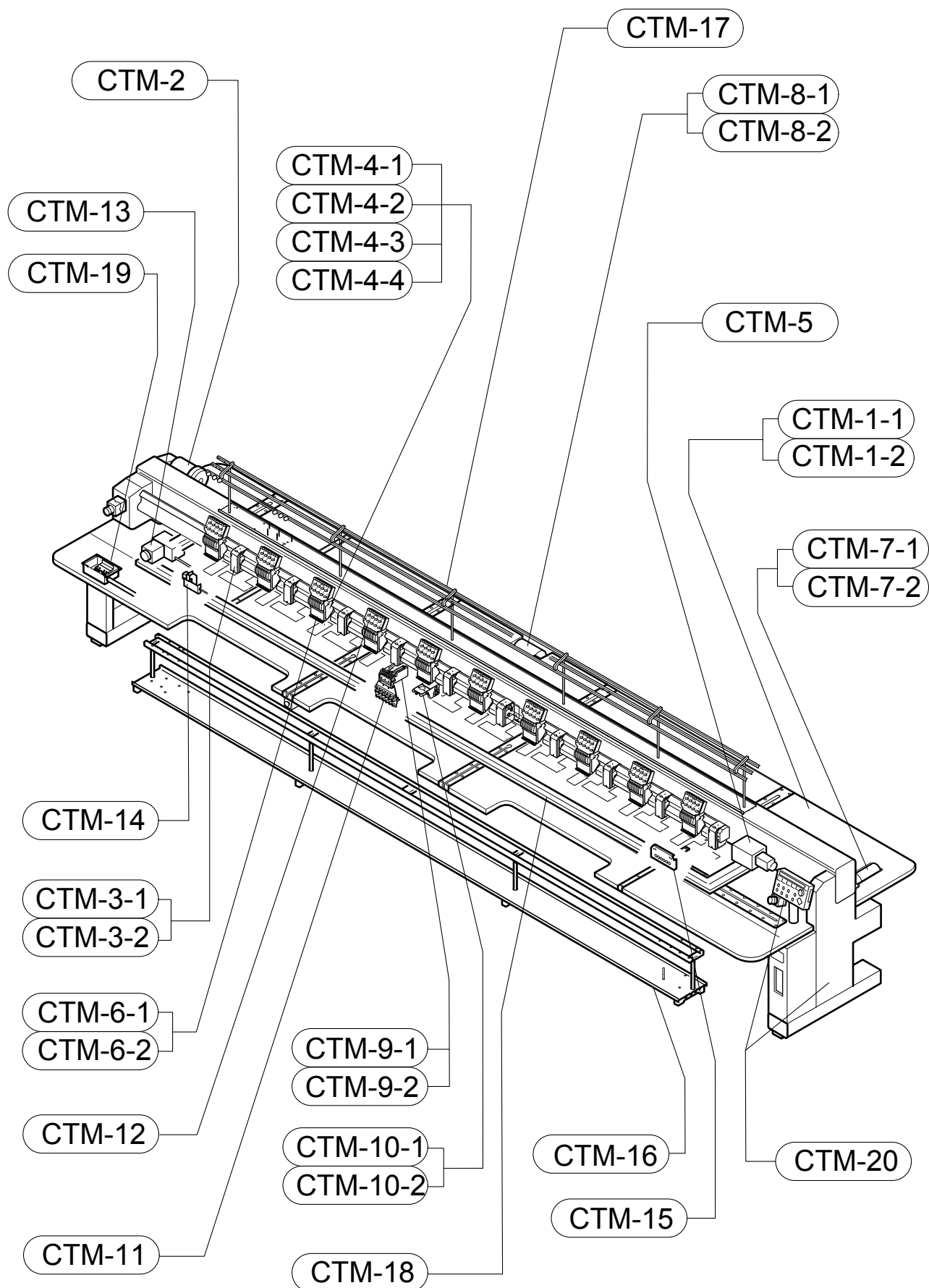
Ex.

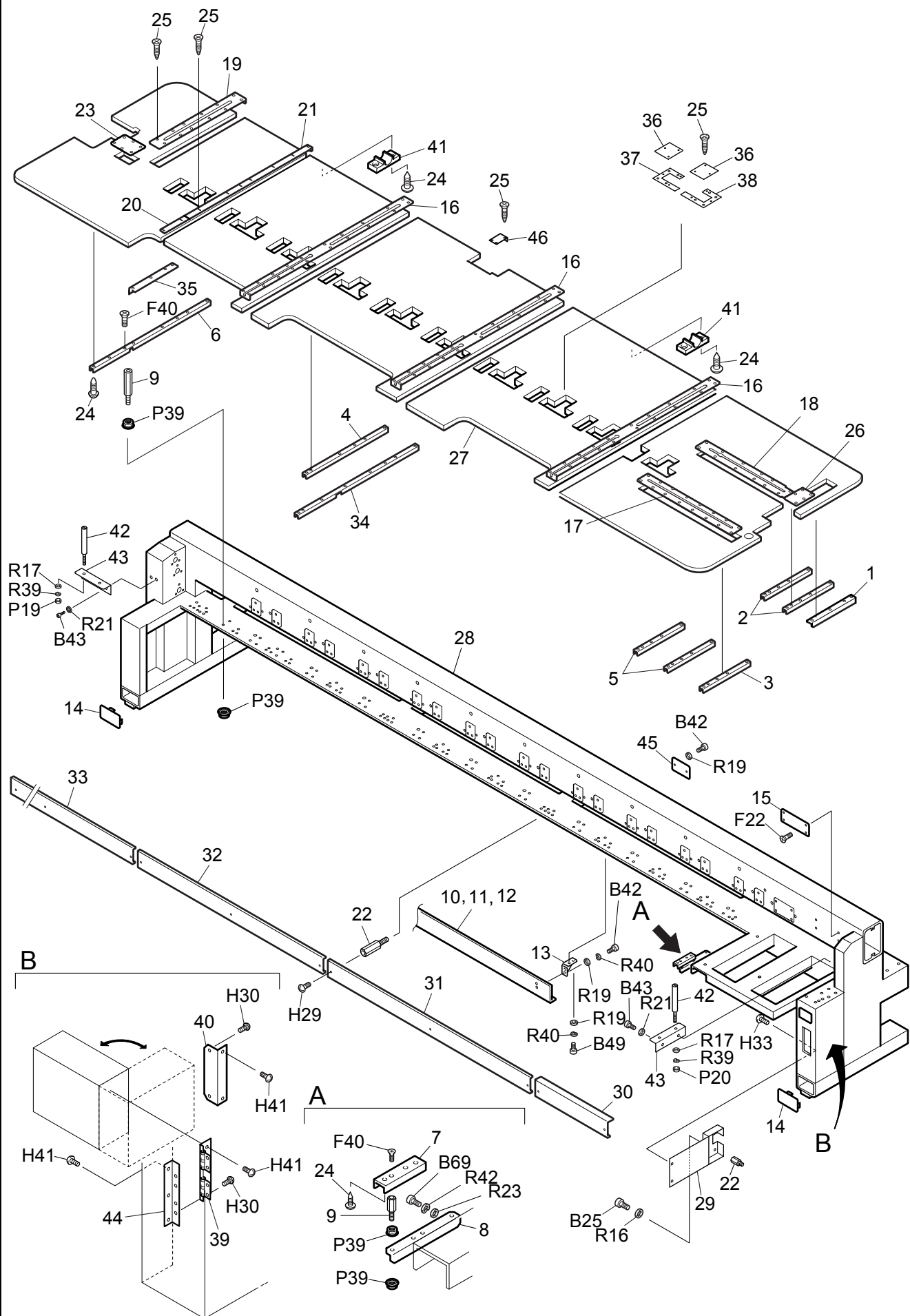
TMCE-600	(450X275)S	No.01235
[Model]	[Emb. Space]	[Mfg. No.]

The part Number, CT012345####

4-digit Numbers	Machine Type
0300.....	3-needle machine
0600.....	6-needle machine
0900.....	9-needle machine
1200.....	12-needle machine

TMCE GENERAL VIEW





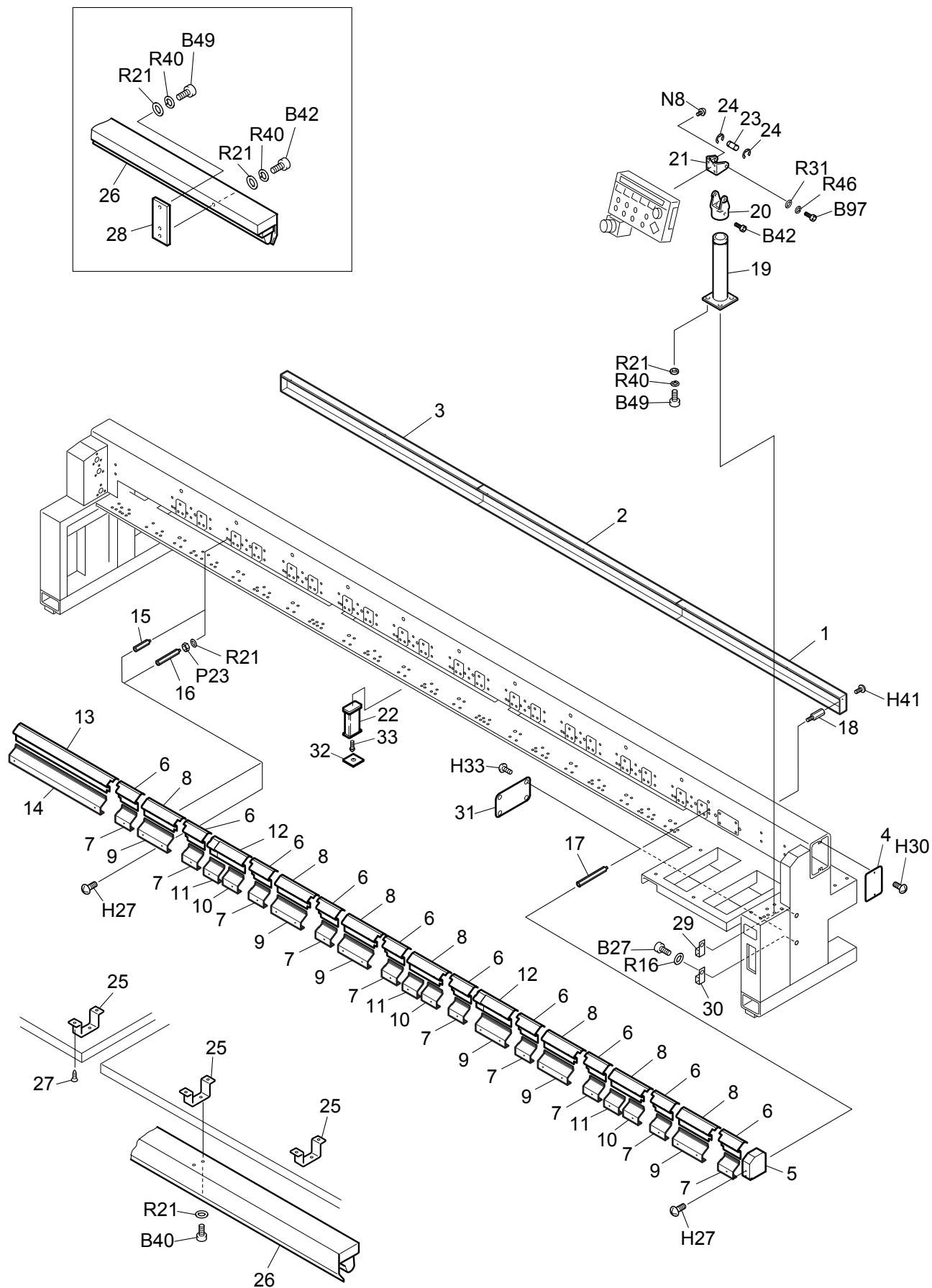
TMCE FRAMING / TABLE 1

CTM-1-1

Ref.No.	Description	Part No.	Remark
1	Right-side Rear Table Support No.610	CT10240A0000	
2	Table Support No.490	CT10290B0000	
3	Table Spport No.585	CT10620B0000	
4	Table Support No.835	CT10280B0000	
5	No.44 Table Support	ED10440A0000	
6	Table Support No.1360A	CT1027AB0000	
7	Table Support No.180	CT10010B0000	
8	Table Support Bracket L	CT1034LA0000	
9	Table Support Stud	CT1017000000	
10	Tension Base Bracket A	CT0810A0****	
11	Tension Base Bracket B	CT0810B0****	
12	Tension Base Bracket C	CT0810C0****	
13	Positioning Bracket	CT0821000000	
14	Stand Cover, Lower	CT0819000000	
15	TAJIMA Brand Name Plate	CT0825010000	
16	No.1 Table Lid	CTZ81502****	
17	No.2 Table Lid, Front	CT081600****	
18	No.2 Table Lid, Rear A	CT0817A0****	
19	No.4 Table Lid	CT084601****	
20	Joint Table Lid, Front	CT085901****	
21	Joint Table Lid, Rear	CT084401****	
22	Wiring Cover Stud, Lower	CT0842000000	
23	ATH Table Lid	CT0843000000	
24	Round Head Wood Screw	ZZ410525CC00	5.1P*25
25	Countersunk Head Wood Screw	ZZ110312SD00	3.1P*12
25	Countersunk Head Wood Screw	ZZ110316SD00	3.1P*16
26	No.2 Table Lid, Rear B	CT0817B00000	
27	Table	CTV80202****	
28	Integral Stand	CTV80102****	
29	Stand Inside Cover	CT0828030000	
30	Wiring Cover, Lower B	CT0812B1****	
31	Wiring Cover, Lower C	CT0812C1****	
32	Wiring Cover, Lower D	CT0812D1****	
33	Wiring Cover, Lower E	CT0812E1****	
34	Table Support No.1295A	CT1039AB0000	
35	Left Side Rear Table Support No.610	CT10580A0000	
36	Side Cover	CL0820010000	
37	Side Cover Spacer L	CL0822010000	
38	Side Cover Spacer R	CL0821010000	
39	Joint Bracket	CT0831000000	
40	Power Supply Box Bracket	CT0832000000	
41	Driver Shaft Stopper	ED0704000000	15mm Dia. Shaft, M/C L= 6301mm and more
41	Driver Shaft Stopper	ED0705000000	20mm Dia. Shaft, M/C L=6301mm and more
42	Bobbin Stand Stud	EF0122000000	
43	Bobbin Stand Base	EG01060A0000	
44	Power Supply Box Support Bracket	CT0877000000	
45	Card Attaching Base	CL0832000000	
46	Joint Cover	ED0815000000	
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Note: As for parts with marks # or *, please follow our instructions on Table of Contents in your parts order.

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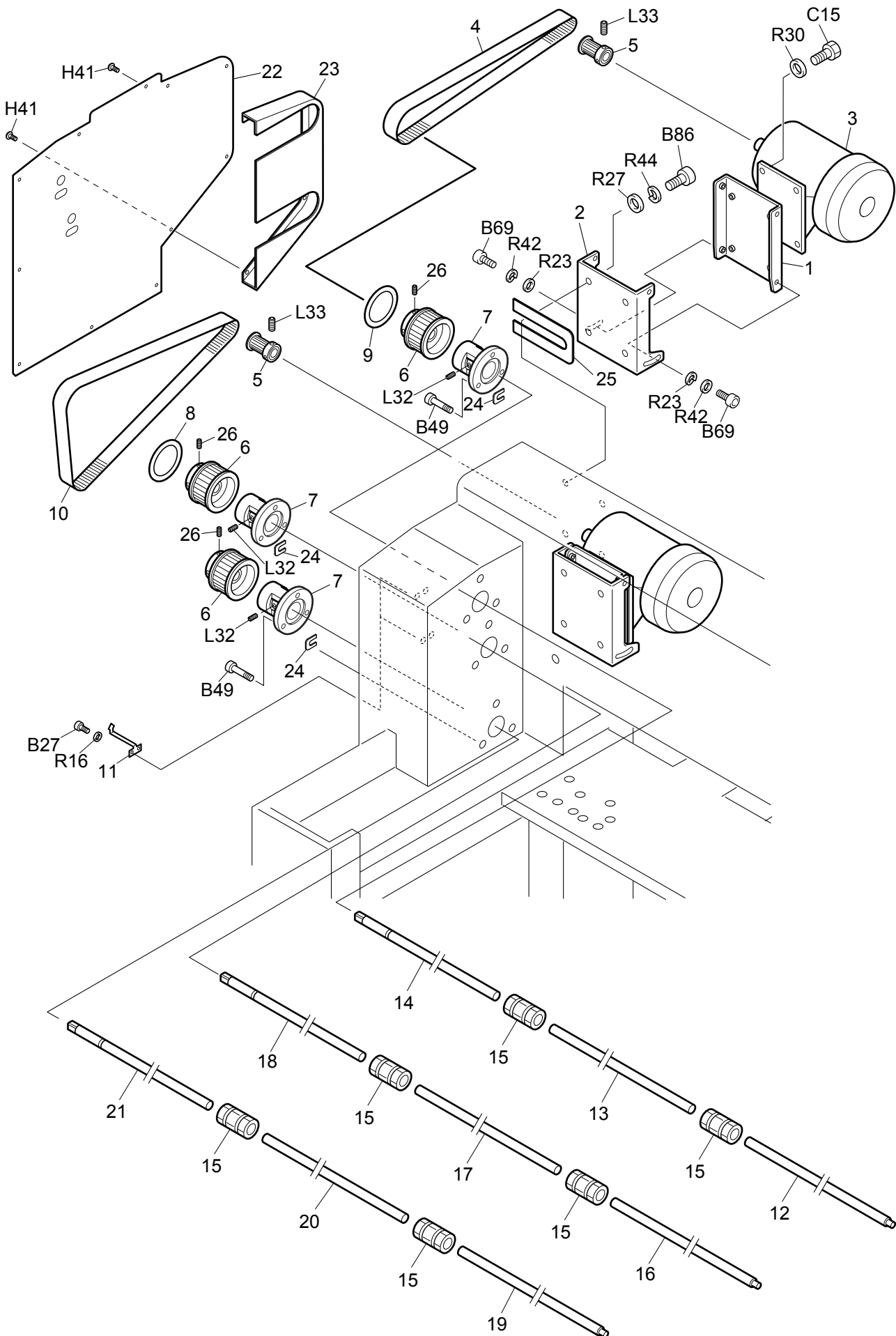
TMCE FRAMING / TABLE 2

CTM-1-2

Ref.No.	Description	Part No.	Remark
1	Wiring Cover, Upper A	CT0811A1****	
2	Wiring Cover, Upper B	CT0811B1****	
3	Wiring Cover, Upper C	CT0811C1****	
4	Square Pipe Cover	CT0103010000	
5	Shaft Cover A	CT0847000000	
6	Shaft Cover B1	CT084801****	
7	Shaft Cover B2	CT084900****	
8	Shaft Cover C1	CT085000****	
9	Shaft Cover C2	CT085100****	
10	Shaft Cover D2R	CT085400****	
11	Shaft Cover D2L	CT085500****	
12	Shaft Cover D1	CT085300****	
13	Shaft Cover E1	CT085600****	
14	Shaft Cover E2	CT085700****	
15	Shaft Cover Stud A	CL0863000000	
16	Shaft Cover Stud B	CL0864000000	
17	Shaft Cover Stud	CL0812000000	
18	Wiring Cover Stud	CT0820000000	
19	Operation Panel Stand Pipe	CT08330A0000	
20	Operation Panel Bracket	EG01030A0000	
21	Operation Panel Attaching Arm	EG01040A0000	
22	Center Support A	CT0878000000	M/C Total Length: 6301mm and more
23	Operation Panel Hinge Pin	EG0105010000	
24	E-ring	BPE900000000	
25	Fluorescent Lamp Attaching Bracket A	CT0814A00000	
25	Fluorescent Lamp Attaching Bracket B	CT0814B00000	
26	Fluorescent Lamp (Triple Lamp Type)	EG7401F10000	
26	Fluorescent Lamp (4-Lamp Type)	EG7401H10000	
26	Fluorescent Lamp (Triple Lamp Type)	ED7401F10000	Export Spec.
26	Fluorescent Lamp (4-Lamp Type)	ED7401H10000	Export Spec.
27	Round Head Wood Screw	ZZ410520CC00	5.1P*20
28	Fluorescent Lamp Bracket	EG08170A0000	
29	Nylon Clamp	BPNK32N00000	
30	Nylon Clamp	BPNK16N00000	
31	Joint Card Base	CT0830000000	
32	Vibration-preventive Base	EF0810010000	
33	Support Adjusting Bolt	ED0833000000	
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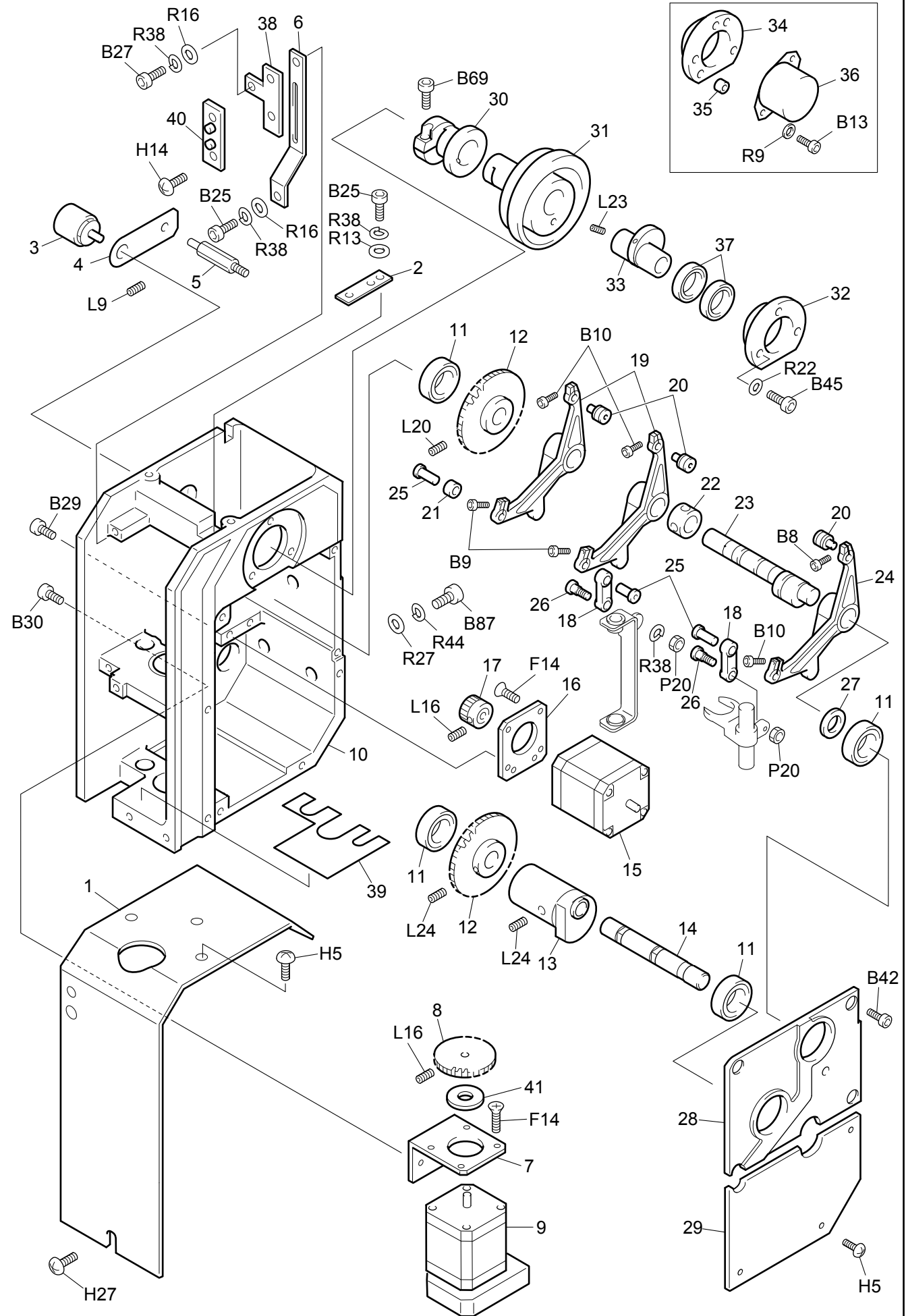
TMCE MAIN SHAFT DRIVE SYSTEM

CTM-2

Ref.No.	Description	Part No.	Remark
1	Main Shaft Attaching Bracket	CT0107000000	
2	Main Shaft Tension Bracket	CT0106000000	
3	Main Shaft Motor	CT0827010000	
4	Timing Belt	BPS5M350975G	
5	Driver-side Timing Pulley A	MX0710A00000	
6	Main Shaft Pulley	CT0104010000	
7	Main Shaft Bearing Case	CT0101010000	
8	Angle Indicator Plate	CT0111000000	
9	Angle Indicator Plate	CL0103000000	CE Arm
10	Timing Belt	BPS5M351225G	
11	Main Shaft Pointer	CT0102000000	
12	CE Needle Bar Drive Shaft A	CT0807A0****	
13	CE Needle Bar Drive Shaft B	CT0807B0****	
14	CE Needle Bar Drive Shaft C	CT0807C0****	
15	N-Coupling	BPN150150000	
16	FX Needle Bar Drive Shaft A	CT0838A0****	
17	FX Needle Bar Drive Shaft B	CT0838B0****	
18	FX Needle Bar Drive Shaft C	CT0838C0****	
19	Rotary Hook Shaft Drive Shaft A	CT0839A0****	
20	Rotary Hook Shaft Drive Shaft B	CT0839B0****	
21	Rotary Hook Shaft Drive Shaft C	CT0839C0****	
22	Box Cover	CT0109010000	
23	Pulley Cover	CT0110010000	
24	Bearing Case Spacer	CT0115A00000	0.15mm Thick
24	Bearing Case Spacer	CT0115B00000	0.3mm Thick
25	Motor Bracket Spacer A	CT0829A00000	0.5mm Thick
25	Motor Bracket Spacer B	CT0829B00000	1.0mm Thick
25	Motor Bracket Spacer C	CT0829C00000	2.0mm Thick
26	Hexagon Socket Head Set Screw	BPKCPM8L1600	M8*16
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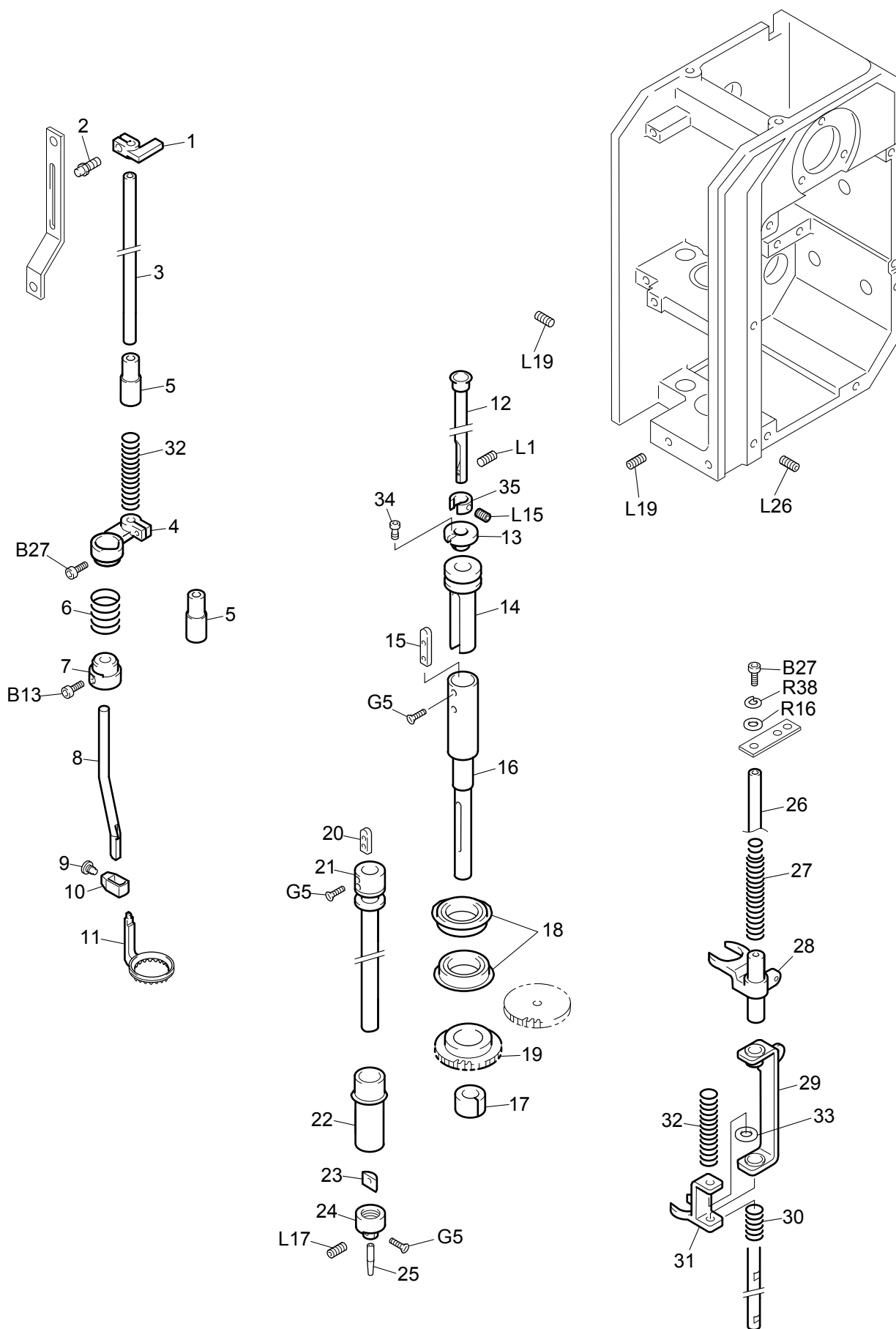
TMCE ARM 1 (CE ARM)

CTM-3-1

Ref.No.	Description	Part No.	Remark
1	Arm Cover	CL0560010000	
2	Nipple Shaft Attaching Base	CL0520000000	
3	Potentiometer	CL0842000000	
4	Potentiometer Attaching Plate B	CL0422000000	
5	Potentiometer Stud B	CL0423000000	
6	Presser Foot Reciprocating Block Sub Plate	CL0517000000	
7	D-axis Motor Base	CL0542000000	
8	D-axis Drive Gear	CL0539000000	
9	Pulse (Stepping) Motor	CL0838020000	With Encoder
10	Arm	CL0566000000	
11	Bearing	BP6001ZZ0000	
12	Z-axis Driven Gear	CL0546000000	
13	Positioning Cam	CL0556000000	
14	Positioning Cam Shaft	CL0557000000	
15	Pulse (Stepping) Motor	CL0835010000	
16	Z-axis Motor Base	CL0547000000	
17	Z-axis Drive Gear	CL0543S00000	
18	Needle Bar Drive Connecting Rod	EF0513000000	
19	Drive Lever B	CL0530000000	
20	Lever Cam Roller Pin	CL0533000000	
21	Presser Drive Urethane Collar	CL0518000000	
22	Drive Lever Positioning Collar	CL0532000000	
23	Drive Lever Pin	CL0528000000	
24	Drive Lever A	CL0529000000	
25	Connecting Pin B	CL0535000000	
26	Connecting Pin A	CL0534000000	
27	Drive Lever Spacer	CL0531000000	
28	Arm Side Bearing Case Base	CL0568000000	
29	Arm Side Cover	CL0567000000	
30	Presser Foot Drive Cam	CL0555000000	
31	Needle Bar Nipple Drive Cam	CL0553000000	
32	Bearing Case A	CL0548000000	
33	Main Shaft Bushing	CL0551010000	
34	Bearing Case B	CL0549000000	
35	Encoder Collar	CL0550000000	
36	Rotary Encoder	CL0851000000	
37	Bearing	BP6803ZZ0000	
38	Switch Bracket	CL0563000000	
39	Oil Fencing Felt B	CL0562000000	
40	CE Switch Card	CL7201010000	
41	Pulse (Stepping) Motor Cap	CL0537000000	
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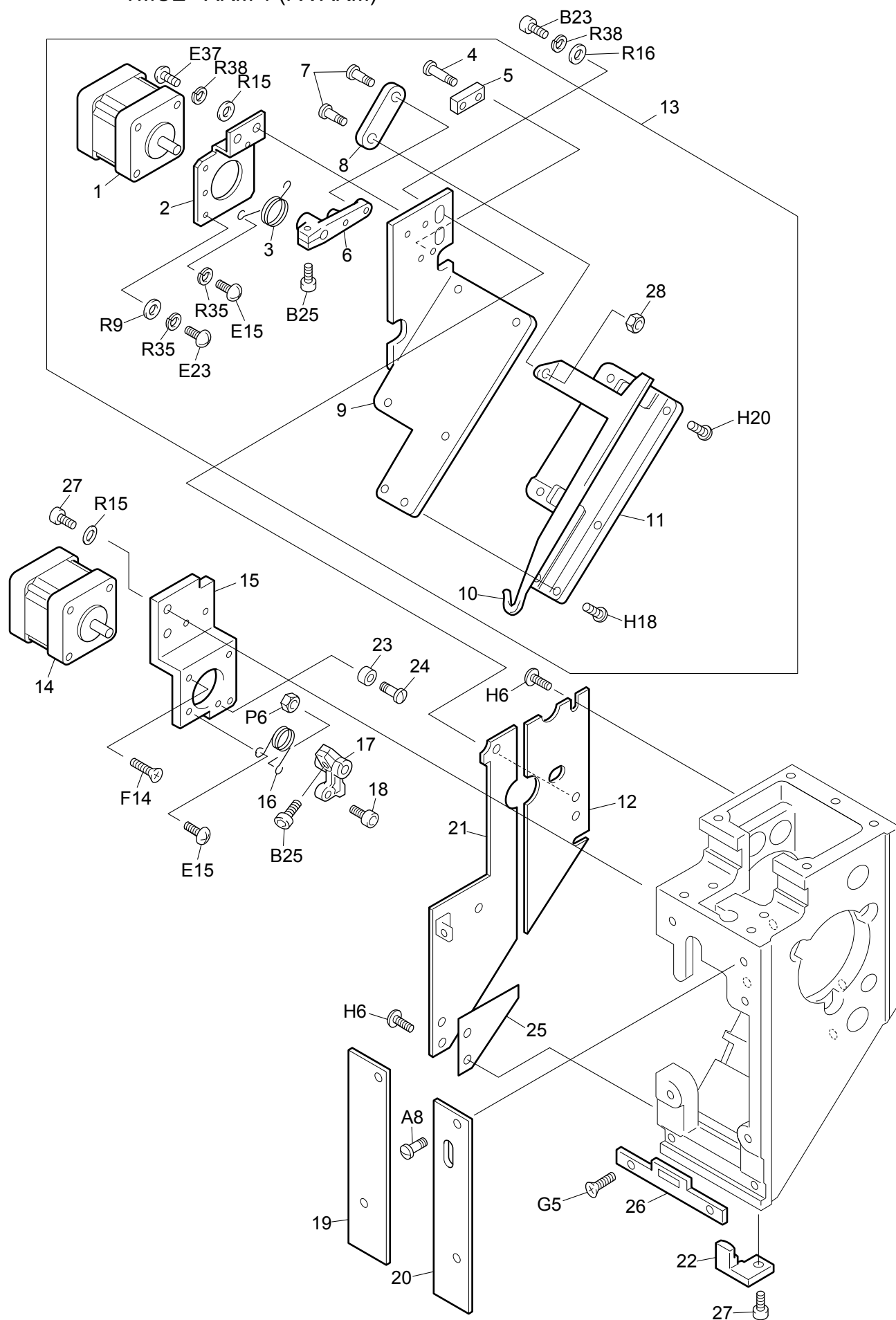
TMCE ARM 2 (CE ARM)

CTM-3-2

Ref.No.	Description	Part No.	Remark
1	Presser Foot Reciprocating Block	CL0515000000	
2	Presser Reciprocating Block Pin	CL0516000000	
3	Presser Drive Shaft	CL0523000000	
4	Presser Foot Bracket	CL0524000000	
5	Presser Foot Bushing	CL0521000000	
6	Presser Foot Return Spring	CE0226000000	
7	Bracket Collar	CE0227000000	
8	Presser Bracket	CL0519000000	
9	Presser Set Screw	CE0231000000	
10	Presser Connecting Stud	CE0230000000	
11	Presser Foot B	CE0232B00000	
12	Needle Bar	CL0502000000	
13	Needle Bar Tightening Collar	CL0506000000	
14	Needle Bar Reciprocating Sleeve	CL0505000000	
15	Needle Bar Reciprocating Sleeve Key	CL0508000000	
16	Needle Bar Sleeve	CL0509000000	
17	D-axis Gear Split Collar	CL0541000000	
18	Bearing	BP6901ZNR000	
19	D-axis Driven Gear	CL0540000000	
20	Reciprocating Sleeve Key	CE0219000000	
21	Nipple Reciprocating Sleeve	CL0510S00000	
22	Sleeve	CL0512000000	
23	Nipple Connecting Stud B Spacer	CE0221000000	
24	Nipple Connecting Stud B	CE0220000000	
25	Nipple	CE0222000000	
26	Nipple Drive Shaft	CL0522000000	
27	Needle Bar Spring	CL0525000000	
28	Needle Bar Slide Block	CL0514000000	
29	Nipple Reciprocating Connecting Block	CL0536S00000	
30	Nipple Reciprocating Block Spring	CL0527000000	
31	Nipple Reciprocating Block	CL0513000000	
32	Nipple Presser Foot Spring	CL0526000000	
33	O-Ring	EF0621000000	
34	Needle Bar Collar Screw	CL0507000000	
35	Needle Position Gauge	CL0581000000	
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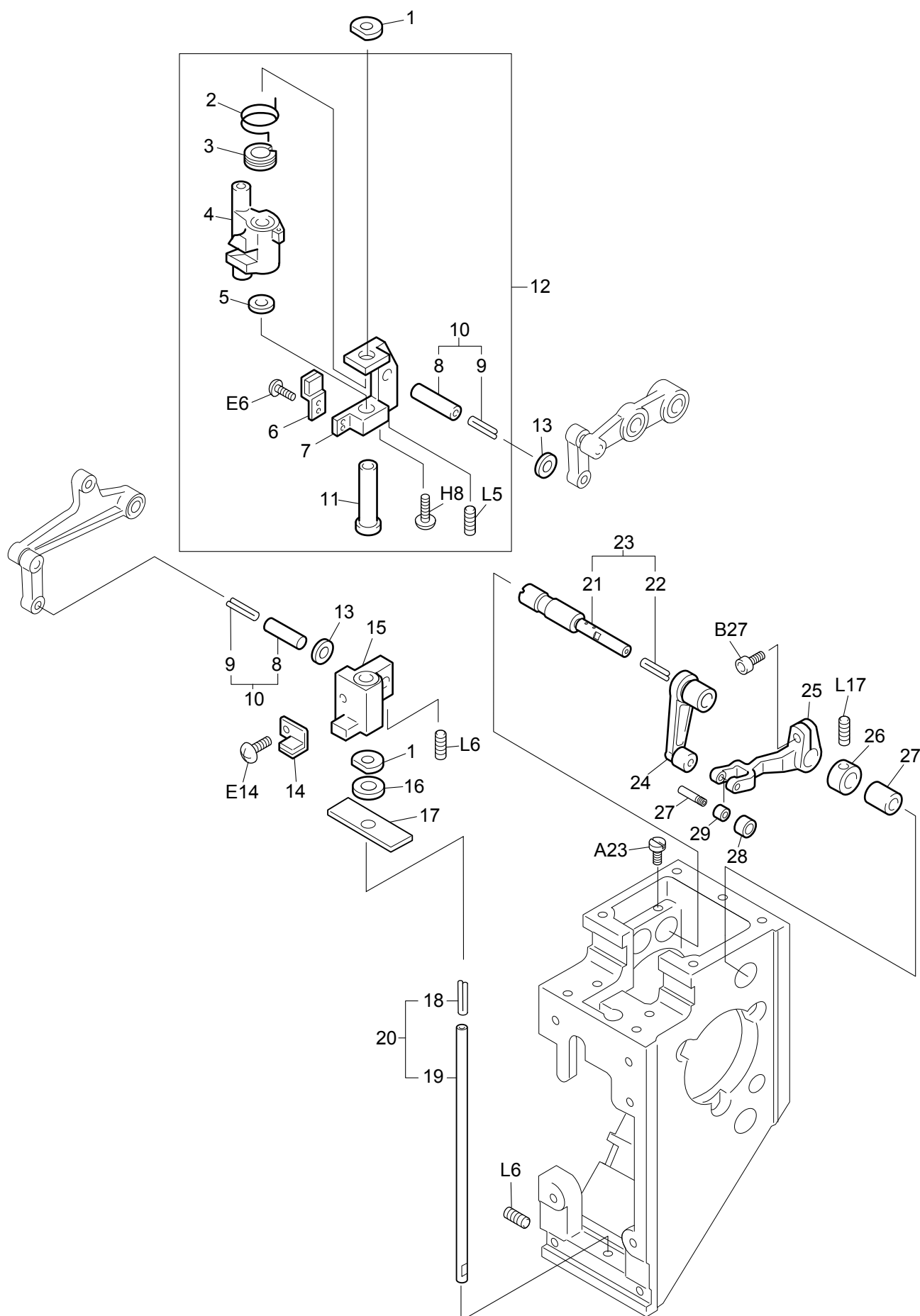
TMCE ARM 1 (FX ARM)

CTM-4-1

Ref.No.	Description	Part No.	Remark
1	Pulse (Stepping) Motor	MX6402000000	
2	Pulse Motor Base	MX0518000000	
3	Upper Thread Hook Return Spring	MX0520000000	
4	Cushion Pin B	AT1306000000	
5	Arm Cushion	AT1309000000	
6	Upper Thread Hook Lever	MX0517000000	
7	Lever Connecting Pin	AT0309000000	
8	Arm Connecting Rod	MX0519000000	
9	Assembly Base	MX0516000000	
10	Upper Thread Hook A	AT1303030000	
11	Base Lid A	AT0332000000	
12	Arm Side Cover B	MX05130A0000	
13	Assembly Base Set	UN6800500000	
14	Pulse (Stepping) Motor	MX6402A00000	
15	Pulse Motor Base (Jump)	MX05040A0000	
16	Jump Lever Return Spring	MX0503020000	
17	Jump Lever	MX0502000000	
18	Roller Pin B	CE0117100000	
19	Arm Front Cover L	FX0555LB0000	
20	Arm Front Cover R	FX0555RB0000	
21	Arm Side Cover A	CX05010A0000	
22	Positioning Plate	FX0526000000	
23	Cushion	AT0404000000	
24	Cushion Pin	AT0405000000	
25	Seal Packing	FX0553200000	
26	Arm Guide Plate	FX0525040000	
27	Hexagon Socket Head Cap Screw	EG0219000000	
28	Special Nut	AT0307200000	
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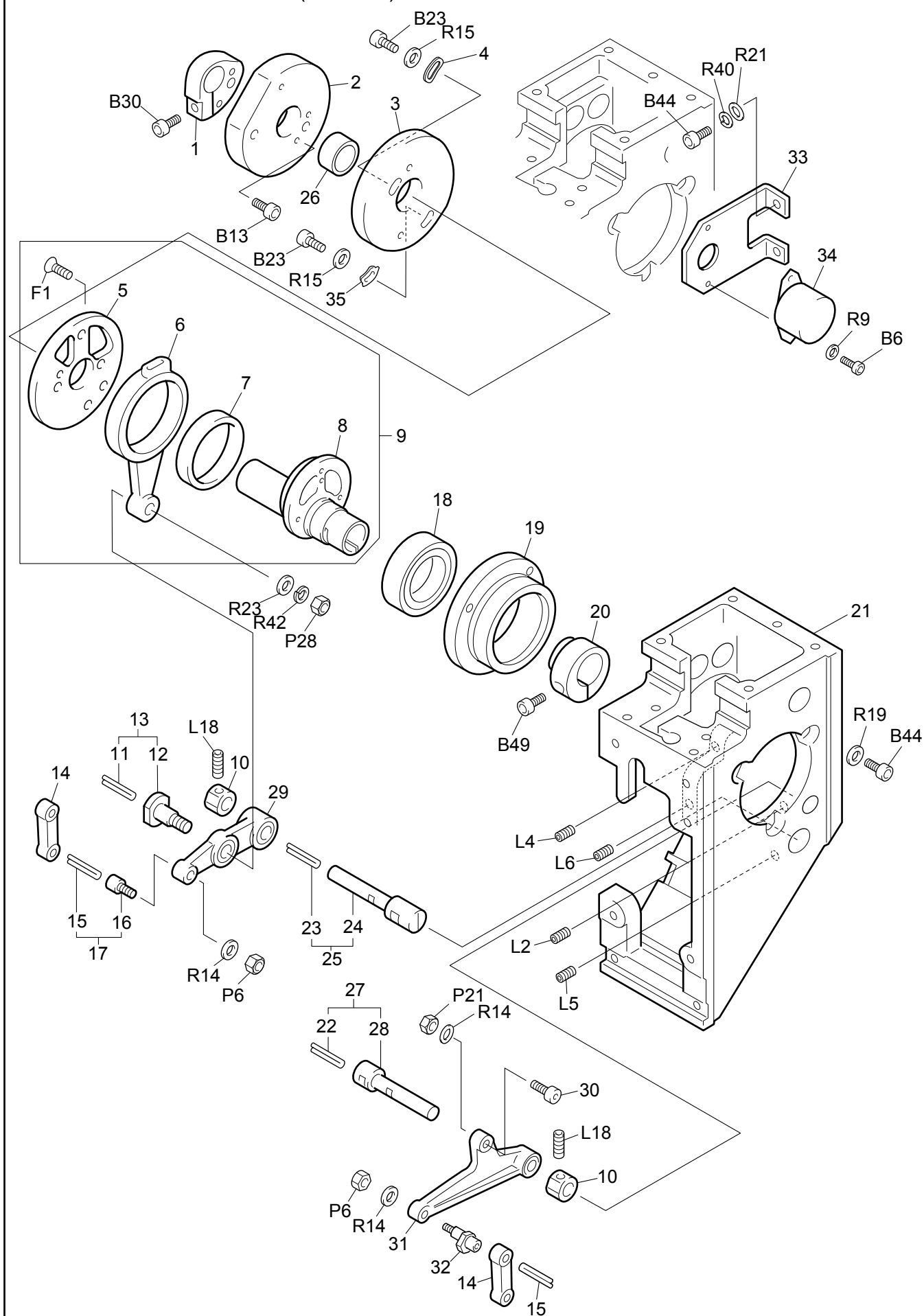
TMCE ARM 2 (FX ARM)

CTM-4-2

Ref.No.	Description	Part No.	Remark
1	Needle Bar Drive Shaft Felt A	FX0561010000	
2	Jump Spring	FX0516000000	
3	Spring Cradle	FX0564000000	
4	Needle Bar Reciprocator	FX0515000000	
5	Needle Bar Reciprocator Spacer	EF0554000000	
6	Stopper Base	FX0519000000	
7	Reciprocator Slide Block	FX0565000000	
8	No.4 Pin	EF0512010000	
9	Wick B	EF0557000000	
10	No.4 Pin Set	UN2505200000	
11	Needle Bar Drive Shaft Bushing	CX0506010000	
12	Needle Bar Reciprocator Set	UN25009100NR	
13	Connecting Rod Washer	EF0555010000	
14	Cushion Bracket	FX0521000000	
15	Presser Foot Reciprocator	FX0520040000	
16	Bearing Case Collar	ME0555000000	
17	Needle Bar Drive Shaft Felt	FX0524000000	
18	Needle Bar Drive Shaft Wick	EG0536000000	
19	Needle Bar Drive Shaft	FX0522030000	
20	Needle Bar Drive Shaft Set	UN2501102000	
21	Take-up Lever Drive Lever Pin	CL0572010000	
22	Wick B	EG0544000000	
23	Take-up Lever Drive Lever Pin Set	CL0572S10000	
24	Take-up Lever Drive Lever A Set	CL0573S00000	
25	Take-up Lever Drive Lever B	CL0574010000	
26	8mm Dia. Collar	EF0418000000	
27	Roller Pin	CL0577000000	
28	8mm Dia. Roller	CL0578000000	
29	Needle Cage	BPKT367N0000	
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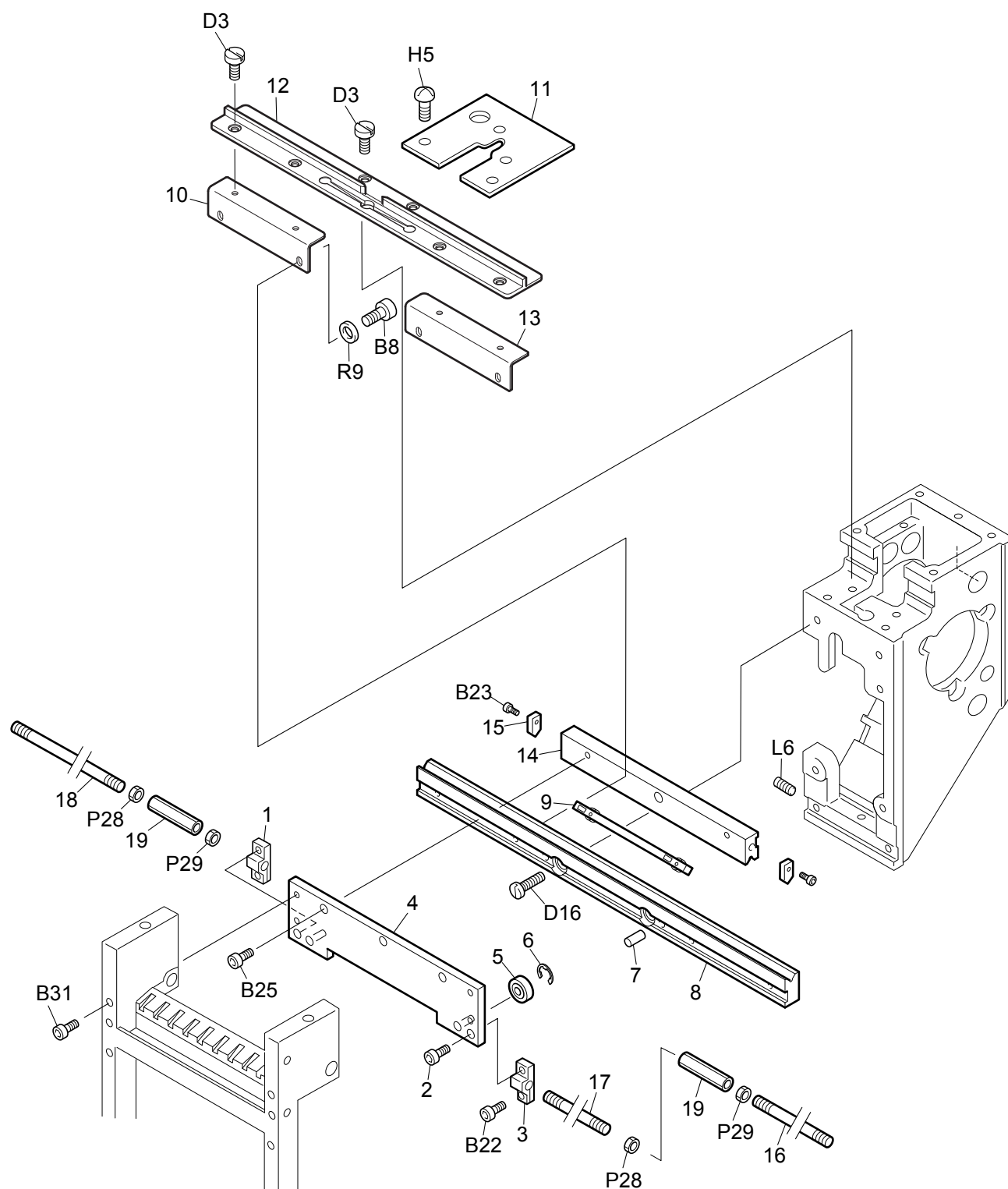
TMCE ARM 3 (FX ARM)

CTM-4-3

Ref.No.	Description	Part No.	Remark
1	Presser Foot Cam Boss	MX0509000000	
2	Presser Foot Cam	MX0508020000	
3	Take-up Lever Drive Cam B	CL0575000000	
4	Cam Washer	EF0522000000	For Inside Use
5	Take-up Lever Cam Base	CL0576000000	
6	Connecting Rod	EF0505010000	
7	Needle Cage	BPK384188X01	
8	Needle Bar Drive Cam	FX0502000000	
9	Needle Bar Drive Cam Set	UN250100B0NR	
10	8mm Dia. Collar	MX0507000000	
11	Wick A	EF0556000000	
12	No.1 Pin	UN2505601000	
13	No.1 Pin Set	FX0506S10000	
14	Needle Bar Drive Connecting Rod	EF0513000000	
15	Wick B	EF0557000000	
16	No.3 Pin	EF0511010000	
17	No.3 Pin Set	UN2505101000	
18	Ball Bearing	BP6004ZZ0000	
19	Bearing Case	EF0502010000	
20	Needle Bar Cam Tightening Collar	EF0508000000	
21	Arm	CL0569010000	
22	Wick C	EF0558000000	
23	Wick A	EG0543000000	
24	No.2 Pin	EG0528000000	
25	No.2 Pin Set	EG0528S00000	
26	Cam Spacer	MX0505000000	
27	No.1 Drive Shaft Set	UN2505501000	
28	No.1 Drive Shaft	FX0504010000	
29	Needle Bar Drive Lever Set	EG0527000000	
30	Cam Follower	BPCFS4000000	
31	Drive Lever Set	MX0510020000	
32	Eccentric Pin	MX0511010000	
33	Encoder Attaching Plate	CL0570000000	
34	Encoder	CL0851000000	
35	Cam Washer A	EF0522A00000	For Outside Use
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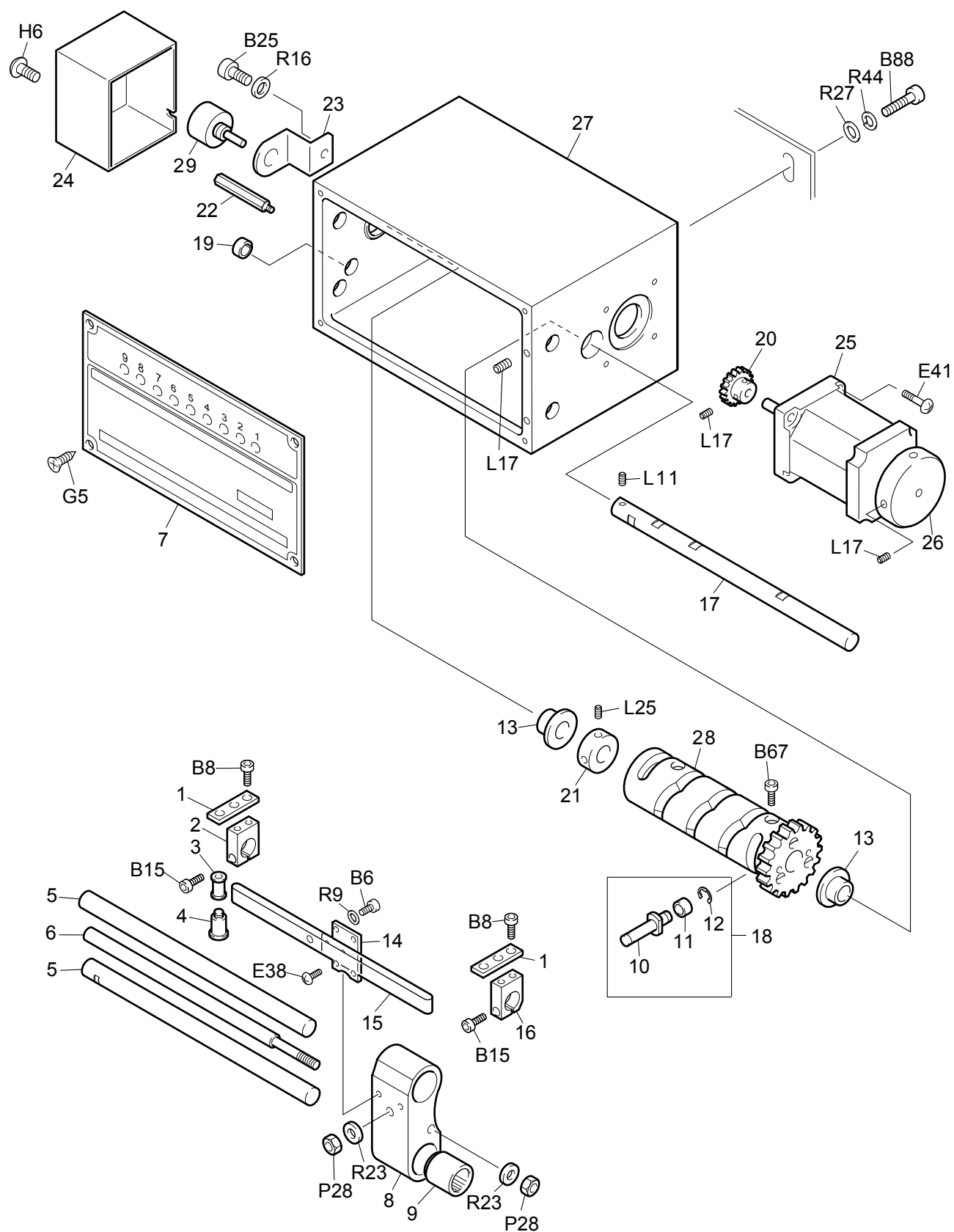
TMCE ARM 4 (FX ARM)

CTM-4-4

Ref.No.	Description	Part No.	Remark
1	Color Change Bracket L	FX0609L10000	
2	Change Bracket Set Screw	FX0611000000	
3	Color Change Bracket R	FX0609R10000	
4	Guide Roller Base	FX060700####	
5	Ball Bearing	BPR1340ZZ000	
6	E-ring	BPE3000000000	
7	Spring Pin	BPSP03120000	
8	Arm Rail, Upper	EF052603####	
8	Arm Rail, Upper	FX0557011200	For 12-Needle M/C
9	Slide Roller	EF055300####	
10	Take-up Lever Rail Holder L	FX0569L0####	
11	Arm Top Cover	EG05320A0000	
12	Take-up Lever Guide Rail	CL059200####	
13	Take-up Lever Rail Holder R	FX0569R0####	
14	Case Rail, Upper	FX060602####	
15	Roller Stopper	FX0635000000	
16	FX Slide Shaft A	CT0841A0****	
17	FX Slide Shaft B	CT0841B0****	
18	FX Slide Shaft C	CT0841C0****	
19	M6 Joint	EF0827010000	
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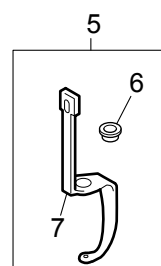
TMCE COLOR CHANGE SYSTEM

CTM-5

Ref.No.	Description	Part No.	Remark
1	Roller Base	EF0427000000	
2	Base Split Collar	EF0430000000	
3	Roller	EF0425000000	
4	Roller Pin	EF0428000000	
5	Guide Shaft	CT020600####	
6	Slide Shaft	CT020500####	
7	Model Name Plate	CT0860000000	
8	Slide Boss	EF0402010000	
9	Slide Bearing	BPLME1222322	
10	Cam Pin	EF0403000000	
11	Cam Roller	EF0404000000	
12	E-ring	BPE300000000	
13	Cam Shaft Bushing	EF0407000000	
13	Cam Shaft Bushing	CT0212000000	For 12-Needle M/C
14	Steel Belt Joint Plate	EF0429000000	
15	Needle Position Indicating Belt	CT020800####	
16	Color Change Split Collar	CT0207000000	
17	Cam Shaft	CT020301####	
18	Cam Roller Set	EF0404S00000	
19	Dry Bearing	BPMB1010DU00	
20	18T Motor Gear	CT0204000000	
21	12mm Dia. Collar	TQ0323000000	
22	Potentiometer Cover Stud	CT0211000000	
23	Sensor Base	CX0401000000	
24	Potentiometer Cover	CT0210000000	
25	Pulse (Stepping) Motor	LH6404000000	
26	Manual Handle	CT0209000000	
27	Color Change Box	CT020100####	
28	Color Change Cam Set	CT020200####	
28	Color Change Cam Set	CT0202011200	For 12-Needle M/C
29	Potentiometer	PB000100RV00	
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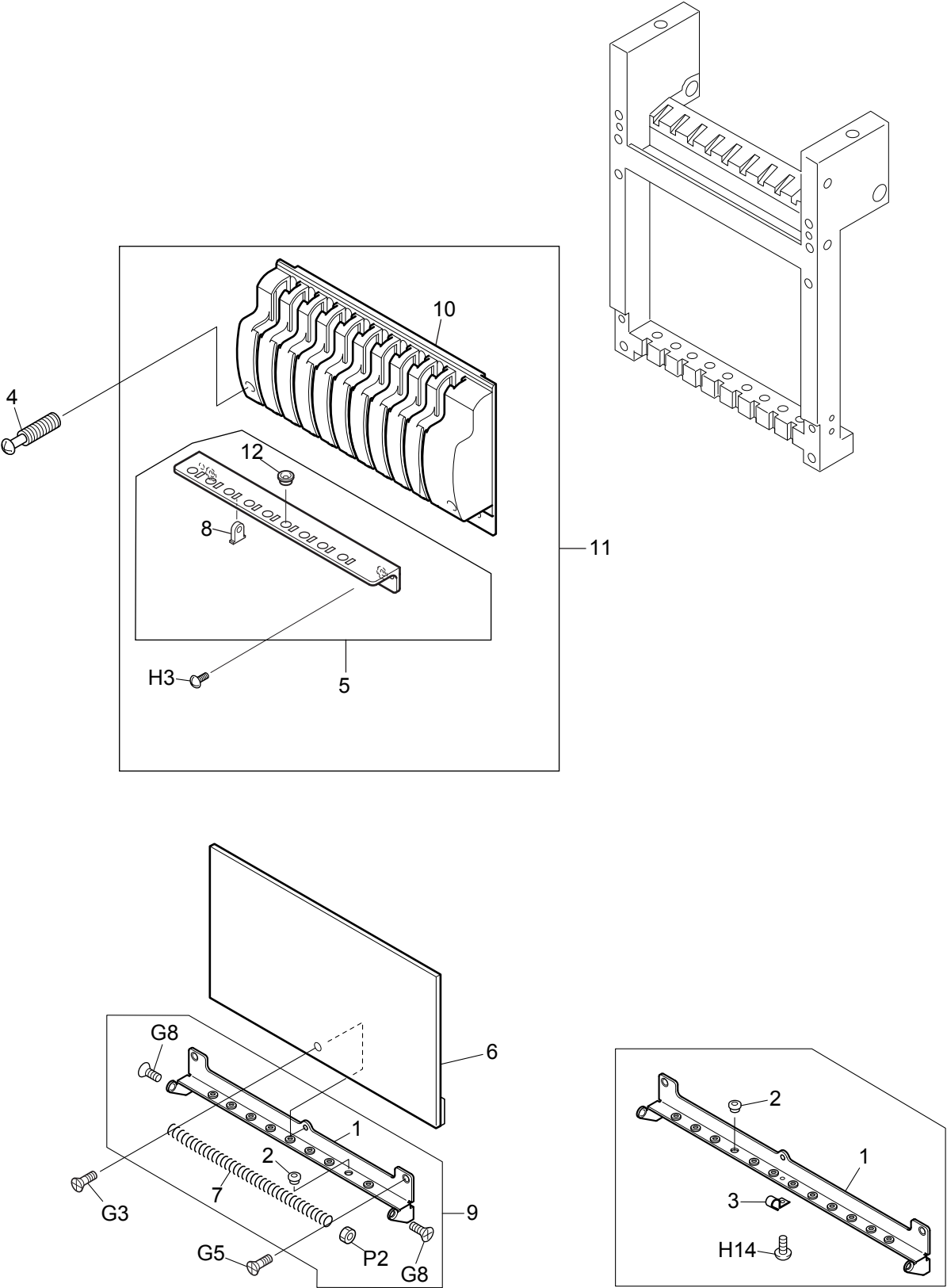
TMCE NEEDLE BAR CASE 1 (FX ARM)

CTM-6-1

Ref.No.	Description	Part No.	Remark
1	Needle	EF0640000000	DB K5-11
2	Needle Set Screw	EF0615000000	
3	Needle Clamp	EF0616010000	
4	Cushion Ring A	EF0642020000	
5	Presser Foot Set	FX0620000000	
6	Presser Foot Bushing	EF0613220000	
7	Presser Foot	FX0620100000	
8	Presser Foot Set Screw	FX0622000000	
9	Presser Foot Connecting Stud	FX0621010000	
10	Presser Foot Spring D	FX0619D10000	
11	Presser Foot Spring Holder	FX0618010000	
12	Needle Bar Connecting Stud	CX0606000000	
13	Upper Dead Point Stopper	EF0617010000	
14	Flat Fillister Head Screw	EF0647000000	
15	Cushion Ring E	FX0615000000	
16	Cushion Rubber B	EF062700####	
17	Felt Packing	EF062300####	
18	Spring Shoe Washer	EF0619000000	
19	Needle Bar Holder Spring	EF0618030000	
20	Needle Bar	FX0632000000	
21	Holder Spring Set Screw	EF0620000000	
22	Take-up Lever Shaft	EF060200####	
22	Take-up Lever Shaft	FX0602001200	For 12-Needle M/C
23	Needle Bar Case	FX06010A####	
24	Case Rail, Lower	FX061200####	
25	Needle Bar Guide Rail	FX064200####	
26	Take-up Lever Adjusting Bushing	EF0605000000	
27	Take-up Lever Boss	CL0611010000	
28	Take-up Lever	FX0603020000	
28	Take-up Lever	FXC603020000	For Jumbo Rotary Hook
29	Take-up Lever Positioning Bushing	EF0606000000	
30	Needle Bar Case Set	UN260043####	
30	Needle Bar Case Set	UN26C043####	For Jumbo Rotary Hook
31	Thread Guide	MX0521010000	
32	Roller Type Take-up Lever Set	CL0611S20000	
32	Roller Type Take-up Lever Set	CLC611S20000	For Jumbo Rotary Hook
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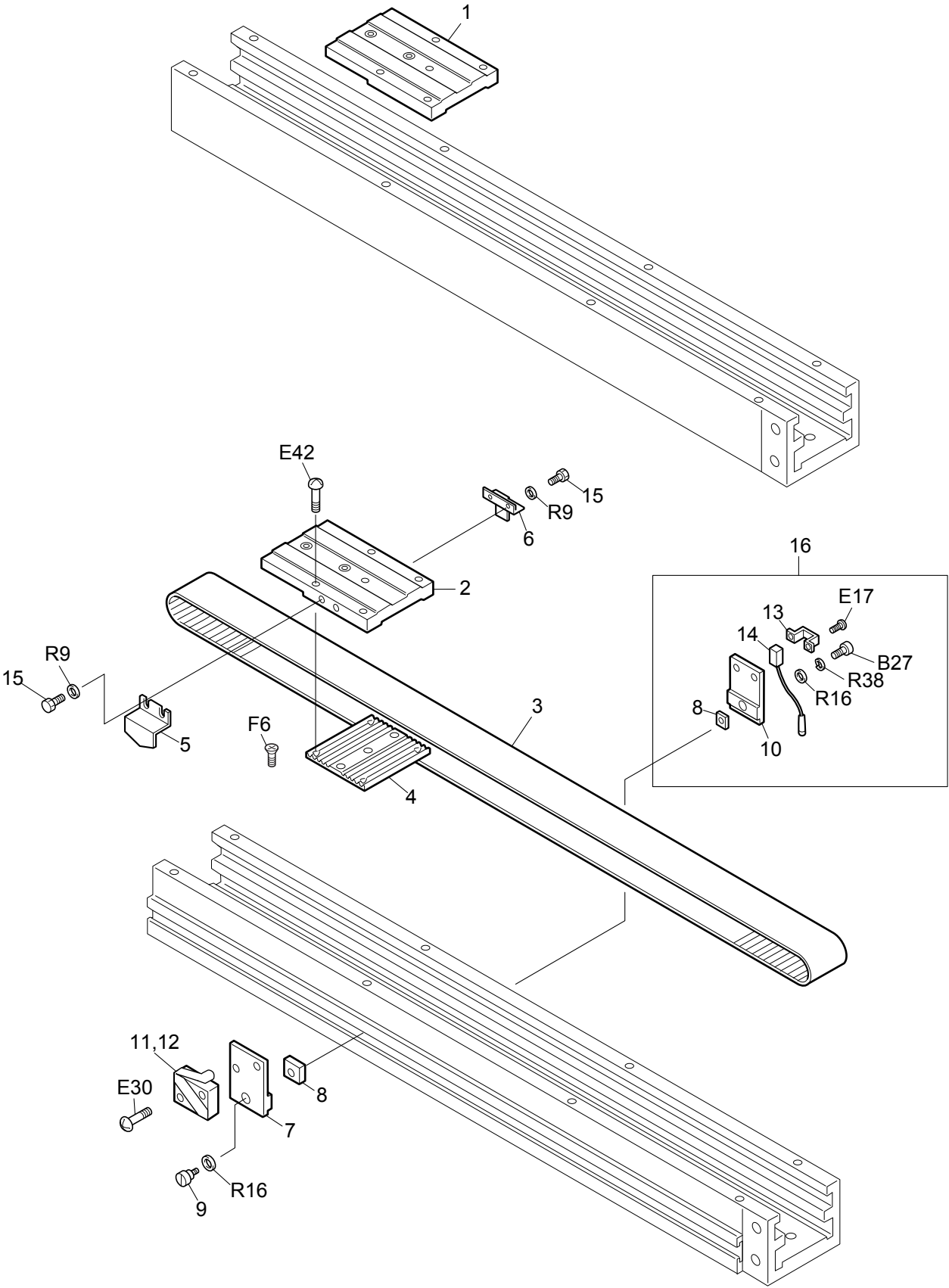
TMCE NEEDLE BAR CASE 2 (FX ARM)

CTM-6-2

Ref.No.	Description	Part No.	Remark
1	Lower Thread Guide	FX062602####	
2	Thread Guide	FX0626110000	
3	Spring Presser Bracket	FX0633010000	For 12-Needle M/C
4	Top Cover Attaching Screw	CX0675000000	
5	Middle Thread Guide Set	CX067201####	
6	Face Plate	EC0601010000	
7	Thread Hook Spring	EF063102####	
7	Thread Hook Spring	FX0627031200	For 12-Needle M/C
8	Thread Guide	MX0522010000	
9	Lower Thread Guide Set	UN260061####	
10	Top Cover	CX067100####	
10	Top Cover	CXC67100####	For Jumbo Rotary Hook
11	Top Cover Set	UN260025****	
11	Top Cover Set	UN26C025****	For Jumbo Rotary Hook
12	Thread Guide	MX0521010000	
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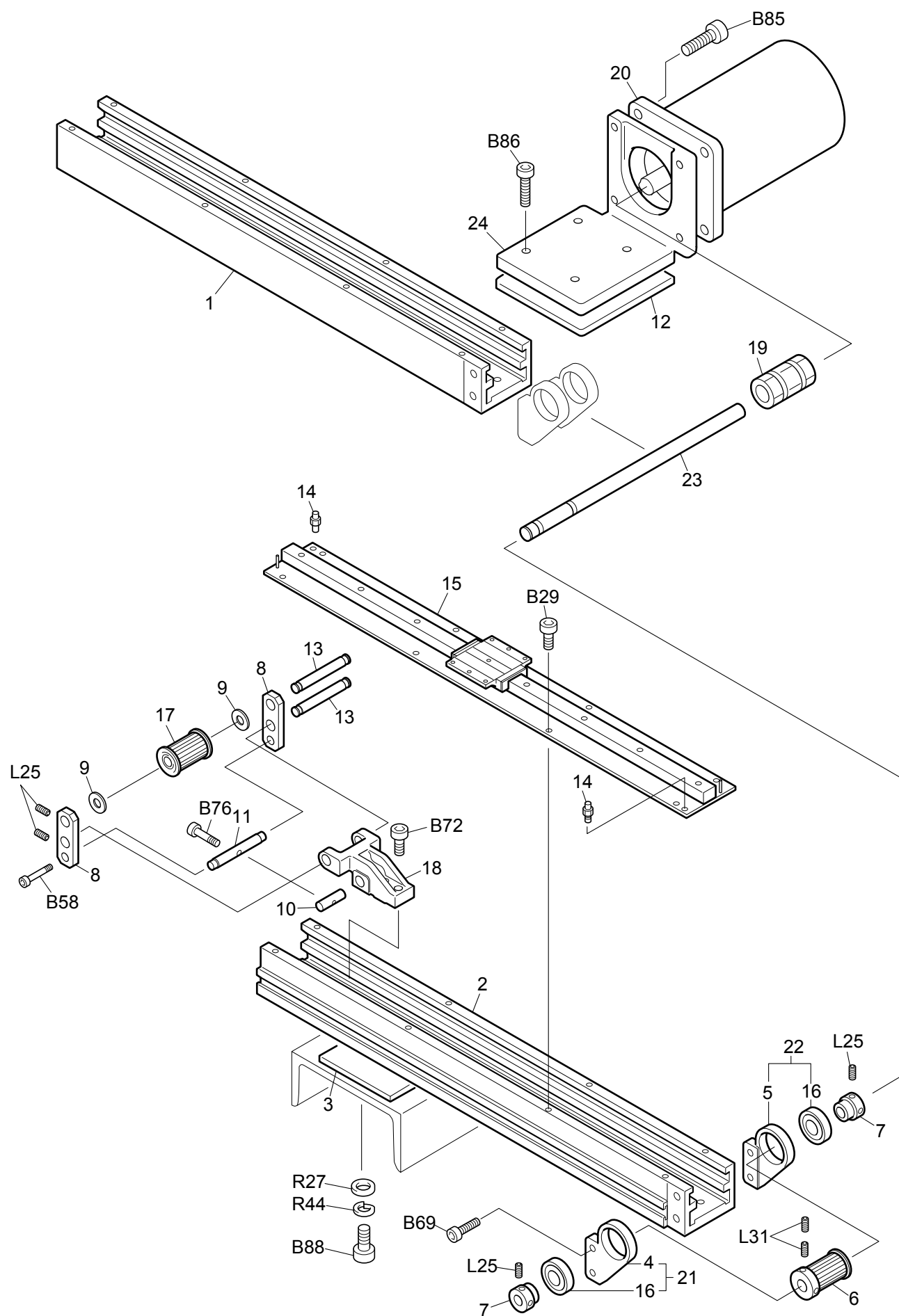
TMCE X-AXIS DRIVE SYSTEM 1

CTM-7-1

Ref.No.	Description	Part No.	Remark
1	X-axis Feed Plate C	CTZ701C000000	For 50mm Wide Type
2	X-axis Feed Plate D	CTZ701D000000	For 50mm Wide Type
3	Timing Belt	BPS5M50N****	For 50mm Wide Type
4	Belt Catcher Plate	MX0732000000	
5	LS Dog Base	MX0730010000	
6	0-point Search Plate	MX0731010000	
7	Limit Switch Base B	EG0727B10000	
8	Fixing Base	EG0730000000	
9	Adjusting Knob	EG0731000000	
10	Sensor Attaching Base B	EG0732B10000	
11	Limit Switch	PB001000SP00	
12	Actuator	MS6602000000	
13	Proximity Switch Lock Fixture	PB001000KN01	
14	Proximity Switch	PB001000KN00	
15	Hexagon Bolt	EG0780000000	
16	Proximity Switch B Set	UN110161B000	
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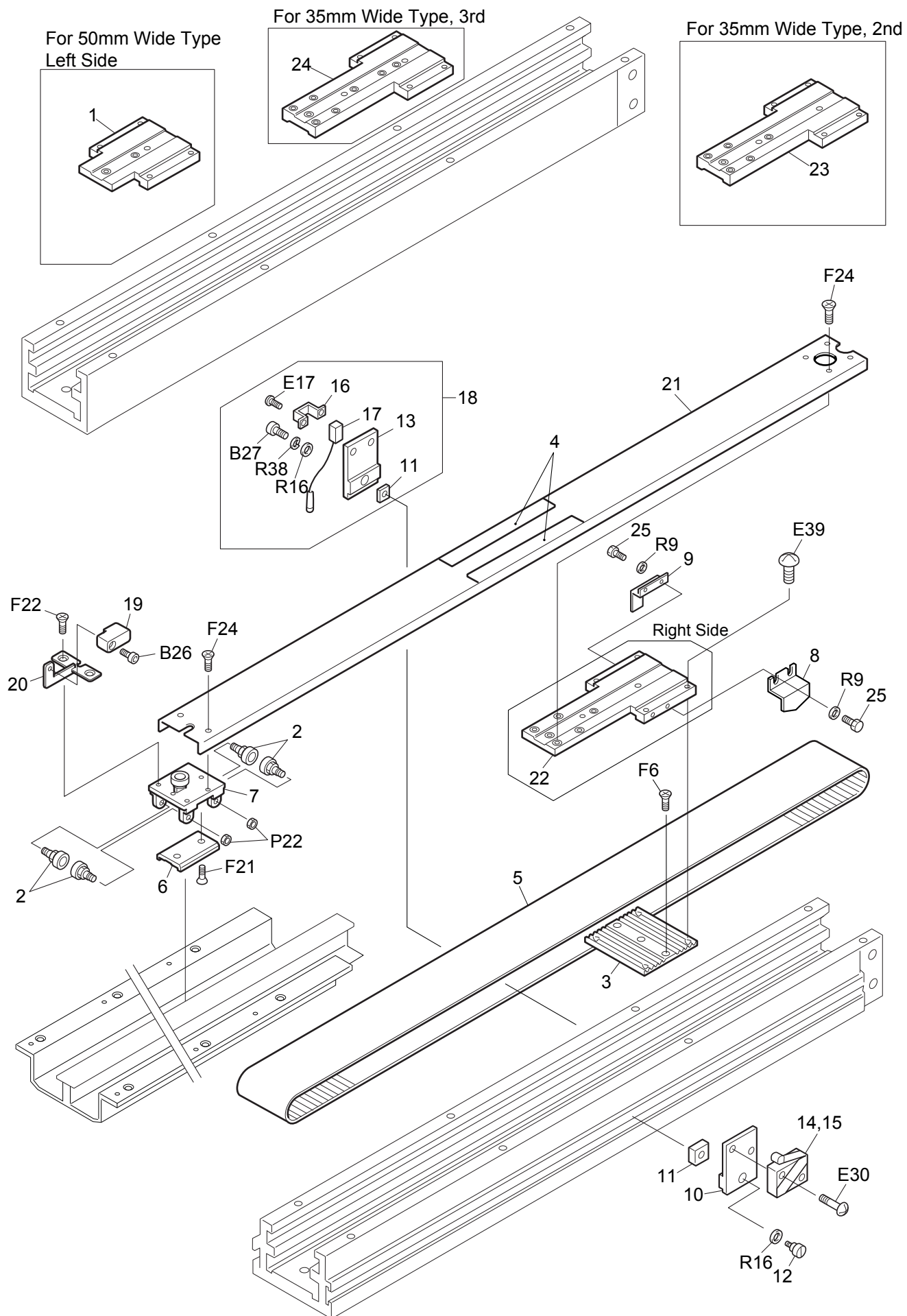
TMCE X-AXIS DRIVE SYSTEM 2

CTM-7-2

S	Description	Part No.	Remark
1	X-axis Driver Frame A	MX0721A0****	
2	X-axis Driver Frame B	MX0721B0****	
3	Driver Spacer C	EF083100****	
4	Bearing Case Plate L	MX0733L00000	
5	Bearing Case Plate R	MX0733R00000	
6	Driver-side Timing Pulley B	MX0710B00000	For 50mm Wide Type
7	15mm Dia. Bearing Collar	EG0227000000	
8	Vertical Tension Base	MX0723000000	
9	Washer	BPRTW1225000	
10	Driver Tension Shaft	MX0728000000	
11	Tension Shaft	MX0724000000	
12	Pulse (Stepping) Motor Bracket Spacer	CT087300****	0.5mm Thick, 1.0mm Thick, 2.0mm Thick
13	Tension Pulley Shaft	MX0725000000	
14	Stopper	MX0729000000	
15	X-axis Drive Linear Base Set	MX074800****	
16	Ball Bearing	BP6003ZZ0000	
17	Tension-side Timing Pulley B Set	UN110030B000	For 50mm Wide Type
18	Tension Base Holder	MX0734000000	
19	N-Coupling	BPN150150000	
20	Pulse (Stepping) Motor	LG6404000000	
21	Bearing Case Plate L (with Bearing)	MXS733L00000	
22	Bearing Case Plate R (with Bearing)	MXS733R00000	
23	X-axis Drive Shaft	CT080502****	
24	Pulse Motor Bracket	CT0872000000	
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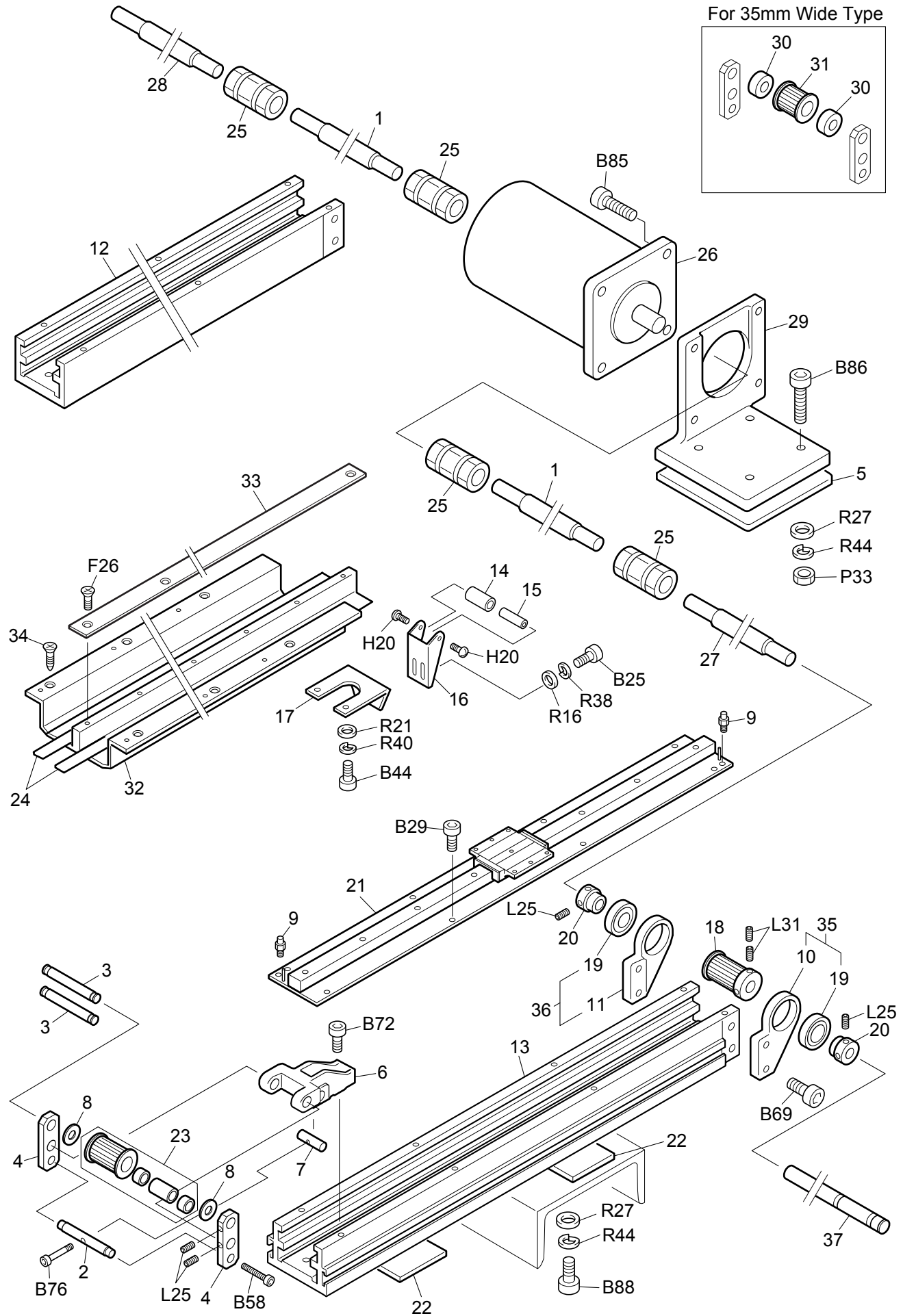
TMCE Y-AXIS DRIVE SYSTEM 1

CTM-8-1

Ref.No.	Description	Part No.	Remark
1	Y-axis Feed Plate C	CTZ704C00000	For 50mm Wide Type, Left Side
2	Y-axis Feed Front Pin	MX0742000000	For 50mm Wide Type
3	Belt Catcher Plate	MX0732000000	
4	Connecting Plate Felt	MX0704100000	
5	Timing Belt	BPS5M35N****	For 35mm Wide Type
5	Timing Belt	BPS5M50N****	For 50mm Wide Type
6	Guide Plate	MX0743010000	
7	Y-axis Feed Plate, Front	MX0738000000	
8	LS Dog Base	MX0730010000	
9	0-point Search Plate	MX0731010000	
10	Limit Switch Base B	EG0727B10000	
11	Fixing Base	EG0730000000	
12	Adjusting Knob	EG0731000000	
13	Sensor Attaching Base B	EG0732B10000	
14	Limit Switch	PB001000SP00	
15	Actuator	MS6602000000	
16	Proximity Switch Lock Fixture	PB001000KN01	
17	Proximity Switch	PB001000KN00	
18	Proximity Switch A Set	UN110160A000	For 50mm Wide Type
19	Frame Presser Block	MX0737020000	
20	Roller Attaching Bracket	MX0741000000	
21	Y-axis Feed Connecting Plate	CTZ71000****	
22	Y-axis Feed Plate D, Rear	CTZ709D00000	For 35mm Wide Type, Right Side
22	Y-axis Feed Plate D, Rear	CTV709D00000	For 50mm Wide Type
23	Y-axis Feed Plate C, Rear	CTZ709C00000	2nd
24	Y-axis Feed Plate E, Rear	CTZ709E00000	3rd
25	Hexagon Bolt	EG0780000000	
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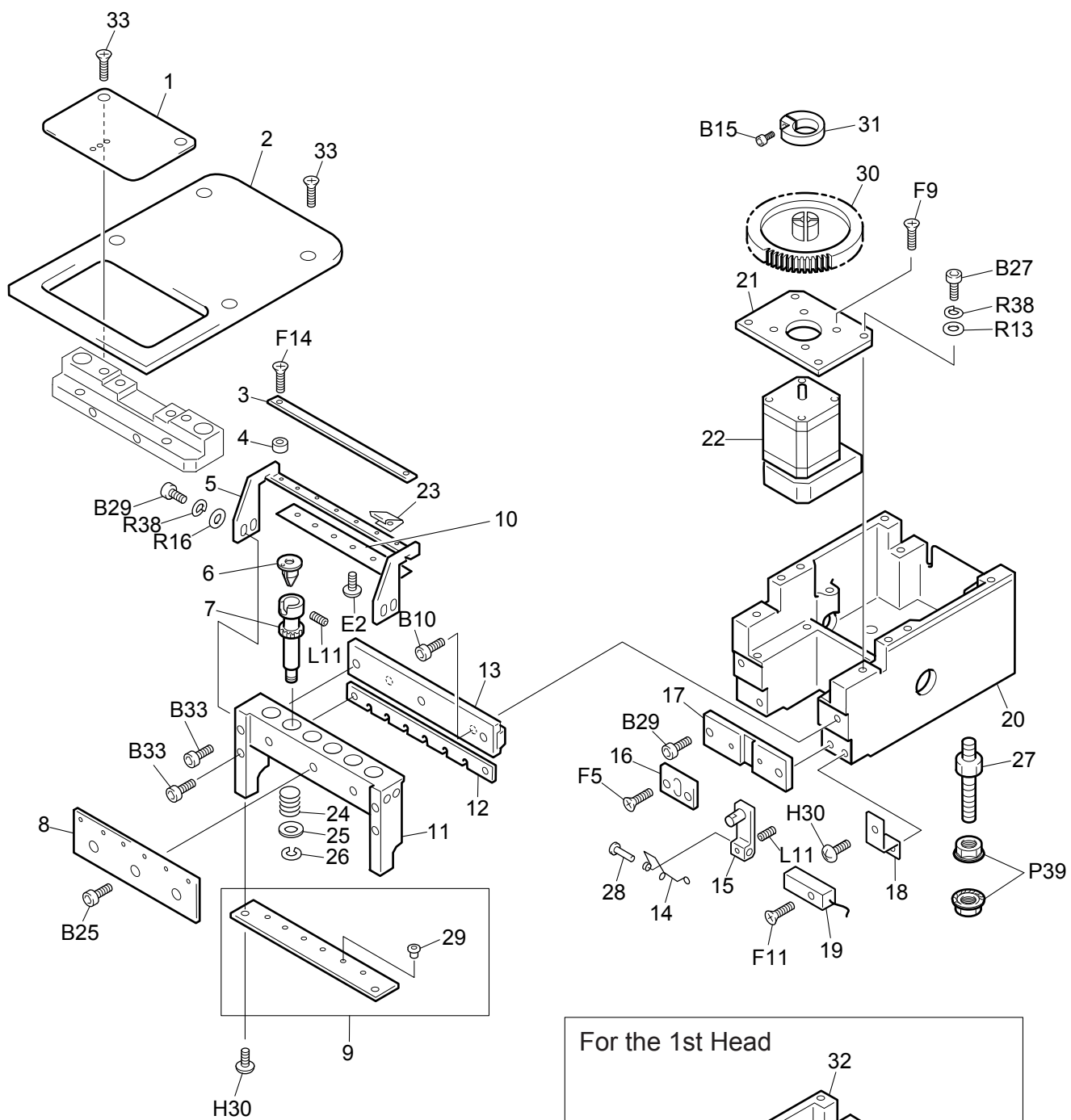
TMCE Y-AXIS DRIVE SYSTEM 2

CTM-8-2

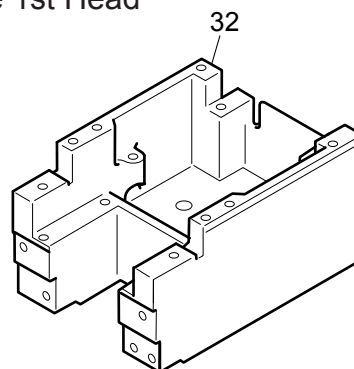
Ref.No.	Description	Part No.	Remark
1	Y20 Shaft B	CT0837B0****	
2	Tension Shaft	MX0724000000	
3	Tension Pulley Shaft	MX0725000000	
4	Vertical Tension Base	MX0723000000	
5	Pulse (Stepping) Motor Bracket Spacer	CT087300****	0.5mm Thick, 1.0mm Thick, 2.0mm Thick
6	Tension Base Holder	MX0734000000	
7	Driver Tension Shaft	MX0728000000	
8	Washer	BPRTW1225000	
9	Stopper	MX0729000000	
10	Bearing Case Plate L	MX0733L00000	
11	Bearing Case Plate R	MX0733R00000	
12	Y-axis Driver Frame A	CT0702A0****	
13	Y-axis Driver Frame B	CT0702B0****	
14	Roller	EF0722000000	
15	Roller Pin	EF0723010000	
16	Bearing Case A	MX0745000000	
17	Bearing Case Base A	EF0721A10000	
18	Driver-side Timing Pulley B	MX0710B00000	For 50mm Wide Type
19	Ball Bearing	BP6003ZZ0000	
20	15mm Dia. Bearing Collar	EG0227000000	
21	Y-axis Drive Linear Base Set	MX074900****	
22	Driver Spacer C	EF0831000000	
23	Tension-side Timing Pulley A Set	UN110030A000	For 35mm Wide Type
23	Tension-side Timing Pulley B Set	UN110030B000	For 50mm Wide Type
24	Front Rail Plate	MX074010****	
25	N-Coupling	BPN150150000	
26	Pulse (Stepping) Motor	LG6405000000	
27	Y20 Shaft A	CT0837A0****	
28	Y20 Shaft C	CT0837C0****	
29	Pulse Motor Bracket	CT0872000000	
30	Tension Spacer	MX0726000000	For 35mm Wide Type
31	Driver-side Timing Pulley A	MX0710A00000	For 35mm Wide Type
32	Front Rail Holder	CT070400****	
32	Front Rail Holder	CT0707A0****	C-4, Right Side
32	Front Rail Holder	CT0707C0****	C-4, 2nd, 3rd
33	Y-axis Feed Rail Plate	MX074400****	
34	Countersunk Head Wood Screw	ZZ110420SD00	4.1P*20
35	Bearing Case Plate L (with Bearing)	MXS733L00000	
36	Bearing Case Plate R (with Bearing)	MXS733R00000	
37	Y-axis Shaft A	MX0842A0****	
37	Y-axis Shaft B	MX0842B0****	
37	Y-axis Shaft C	MX0842C0****	
37	Y-axis Shaft D	MX0842D0****	
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For the 1st Head



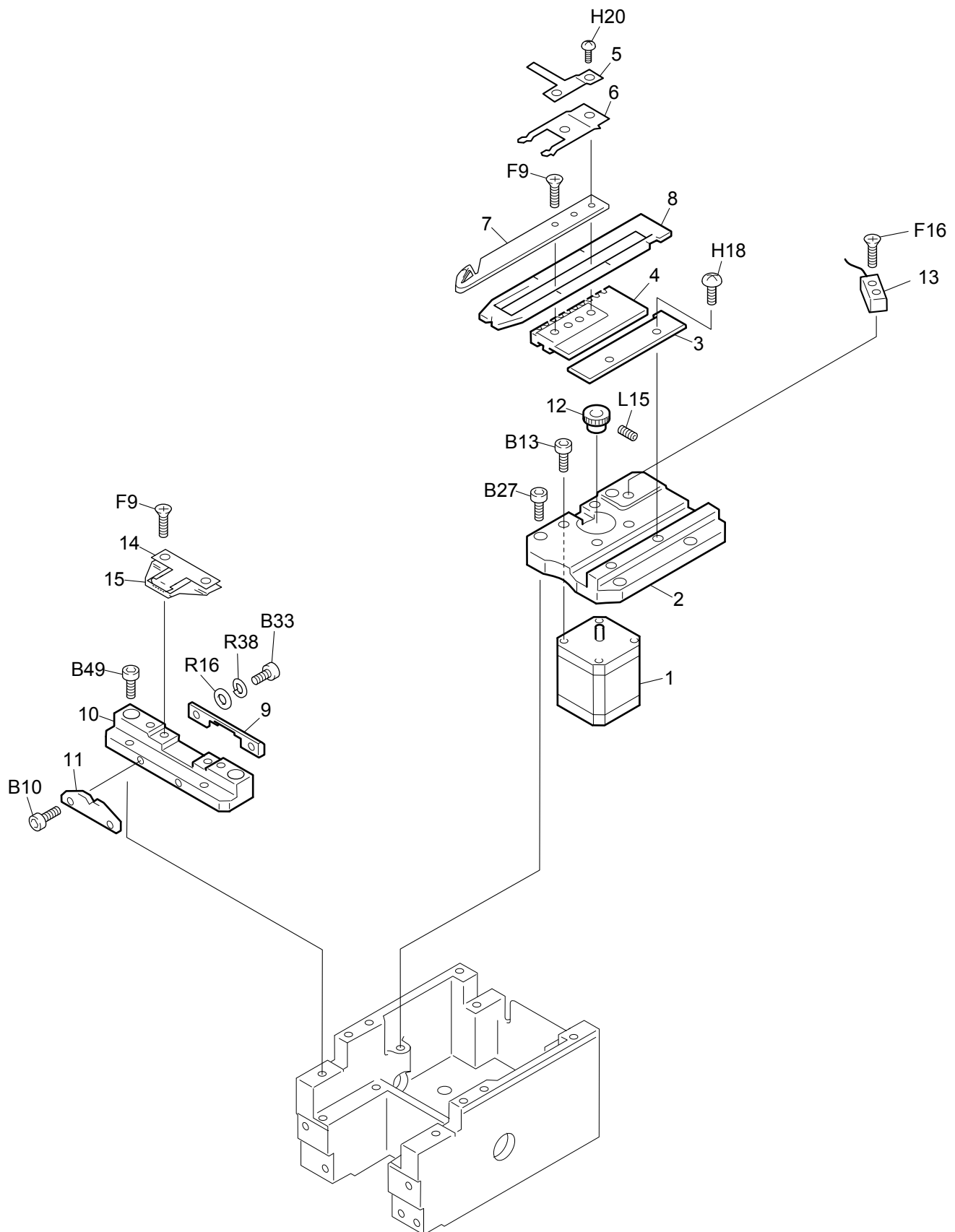
TMCE LOOPER / ATH 1

CTM-9-1

Ref.No.	Description	Part No.	Remark
1	Needle Plate A	CL0227000000	1.6P
1	Needle Plate B	CL0228000000	1.8P
1	Needle Plate C	CL0229000000	1.4P
2	Looper Base Cover	CL0230000000	
3	Thread Holder, Upper	CL020600####	
4	Thread Holder Spacer	CL0207000000	
5	Thread Holder Bracket	CL020500####	
6	Looper	CL0231010000	
7	Looper Sleeve	CL0209000000	
8	Gear Stopper Base	CL0203S0####	
9	Looper Thread Course	CL020401####	
10	Spring Presser Plate	CL023200####	
11	Looper Case	CL020201####	
12	Looper Case Positioning Plate	CL024101####	
13	Looper Case Slide Unit	CL023301####	
14	Thread Breakage Detecting Switch Lever	CL0243000000	
15	Case Fixing Lever	CL0238S00000	
16	Lever Base Lid	CL0237010000	
17	Fixing Lever Base	CL0236010000	
18	Proximity Switch Base	CL0242000000	
19	Thread Breakage Detecting Switch	CL0244000000	
20	Looper Base	CL0252000000	
20	Looper Base	CLC252010000	For Jumbo Rotary Hook
21	Looper Motor Base	CL0211000000	
22	Pulse (Stepping) Motor	CL0838020000	With Encoder
23	Thread Presser Spring	CL0208000000	
24	Looper Spring	CL0210000000	
25	Ball Bearing	BPLF1260ZZ00	
26	Stopper Ring	BPWR60000000	
27	Looper Base Stud	CL0265000000	
28	Lever Pin	CL0240000000	
29	Thread Guide	MX0521010000	
30	Looper Drive Gear	CL0212110000	
31	26P Split Collar	CL0262000000	
32	Looper Base	CL0201000000	For the 1st Head
33	Round Countersunk Head Screw	EG0228000000	
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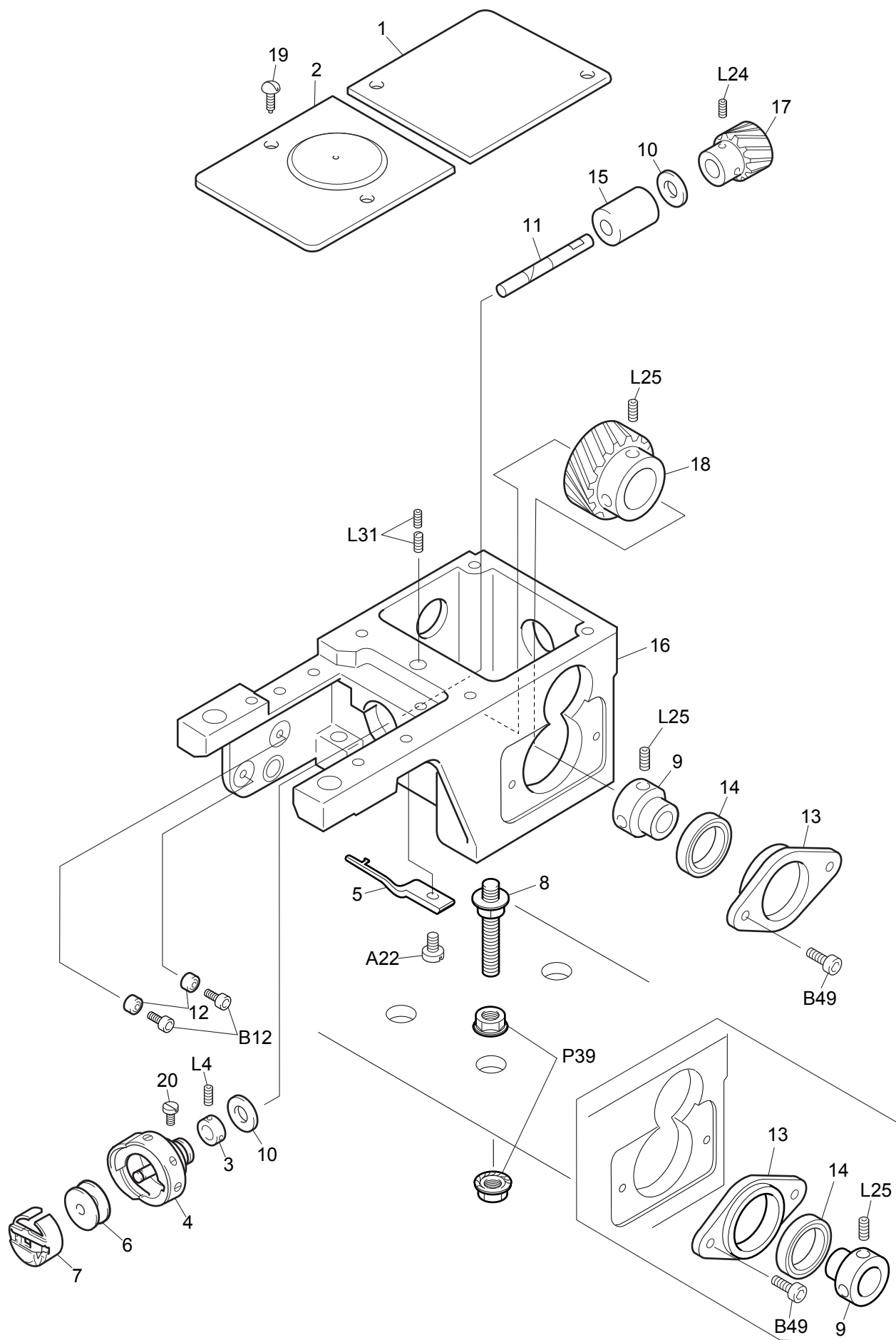
TMCE LOOPER / ATH 2

CTM-9-2

Ref.No.	Description	Part No.	Remark
1	Pulse (Stepping) Motor	CL0835010000	
2	ATH Motor Base	CL0215000000	
3	Movable Knife Guide Plate	CL0220000000	
4	Knife Drive Rack	CL0217S20000	
5	ATH Sensor Plate	CL0222000000	
6	Plate Presser Spring	CL0221000000	
7	ATH Drive Knife	CL0226010000	
8	ATH Knife Guide	CL0219000000	
9	Movable Knife Guide Holder Block	CL0234000000	
10	ATH Base	CL0223010000	
11	Movable Knife Holder Block	CL0225000000	
12	ATH Drive Gear	CL0216000000	
13	Proximity Switch	EG6601000000	
14	ATH Fixed Knife	CL0224020000	
15	Fixed Knife Guide	CL0235010000	
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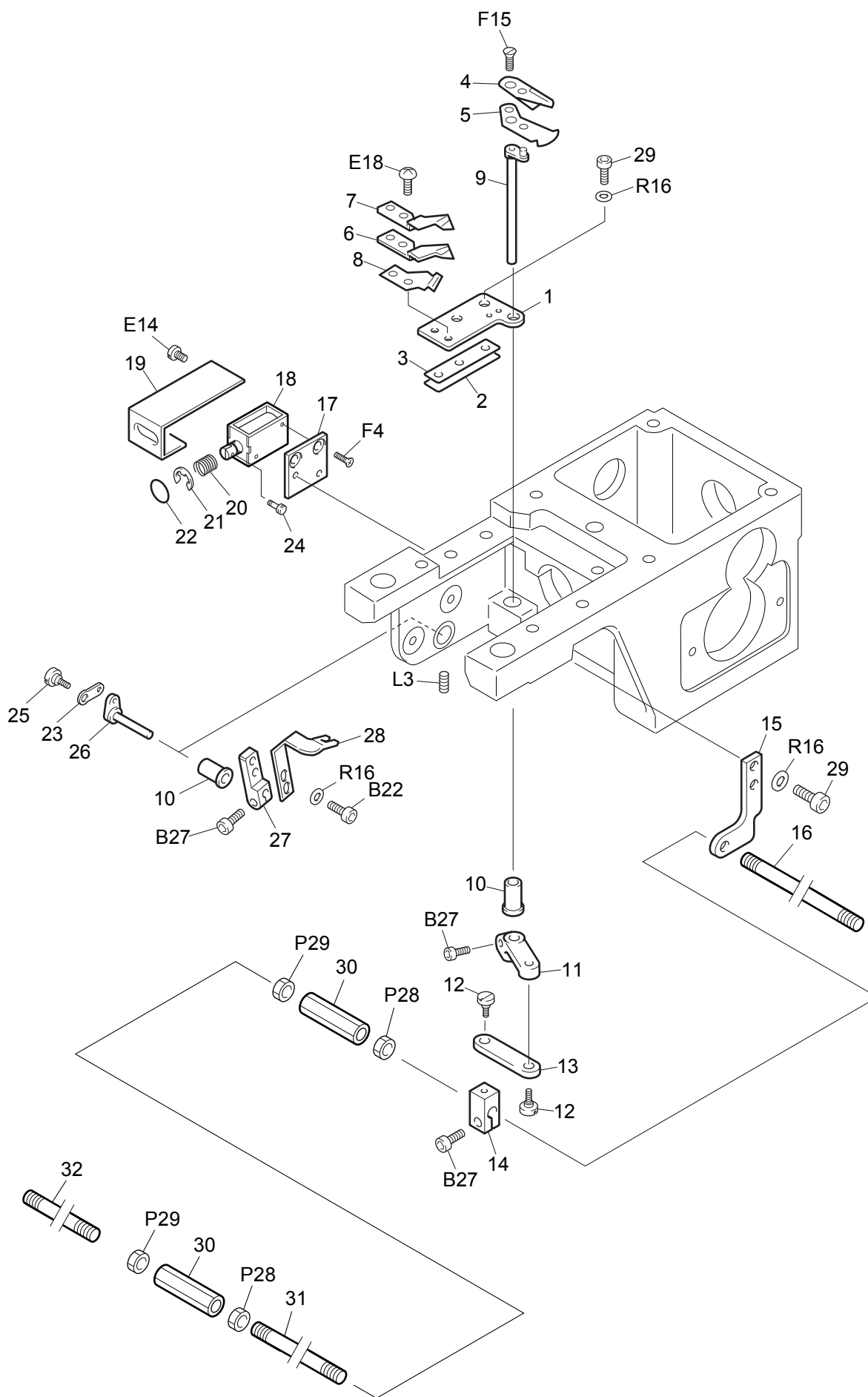
TMCE ROTARY HOOK BASE 1

CTM-10-1

Ref.No.	Description	Part No.	Remark
1	Top Lid	EG0221010000	
2	Needle Plate	FX0202A0****	
3	7.94mm Dia. Collar	EF0209000000	
4	Rotary Hook	ME0505E2****	
4	Rotary Hook	MEC505E2****	For Jumbo Rotary Hook
5	Rotary Hook Support	EF021000****	
5	Rotary Hook Support	EFC210000000	For Jumbo Rotary Hook
6	Bobbin	ME050402****	
6	Bobbin	MEC504010DBM	For Jumbo Rotary Hook
7	Bobbin Case	ME050300****	
7	Bobbin Case	MEC503000DBM	For Jumbo Rotary Hook
8	Rotary Hook Base Stud	CL0264000000	
9	15mm Dia. Bearing Collar	EG0227000000	
10	Rotary Hook Shaft Spacer	EF0211000000	
11	Rotary Hook Shaft	CL0254000000	
11	Rotary Hook Shaft	CLC254000000	For Jumbo Rotary Hook
12	Eccentric Stopper	EG0220000000	
13	Rotary Hook Shaft Gear Flange	CL0255000000	
14	Ball Bearing	BP6903ZZ0000	
15	Rotary Hook Shaft Bushing	EF0206000000	
16	Rotary Hook Base	CL0253010000	
16	Rotary Hook Base	CLC253010000	For Jumbo Rotary Hook
17	Rotary Hook Shaft Driven Gear	CL0257010000	
18	Rotary Hook Shaft Drive Gear	CL0256000000	
19	Round Countersunk Head Screw	EG0228000000	
20	Rotary Hook Set Screw	ME0506000000	
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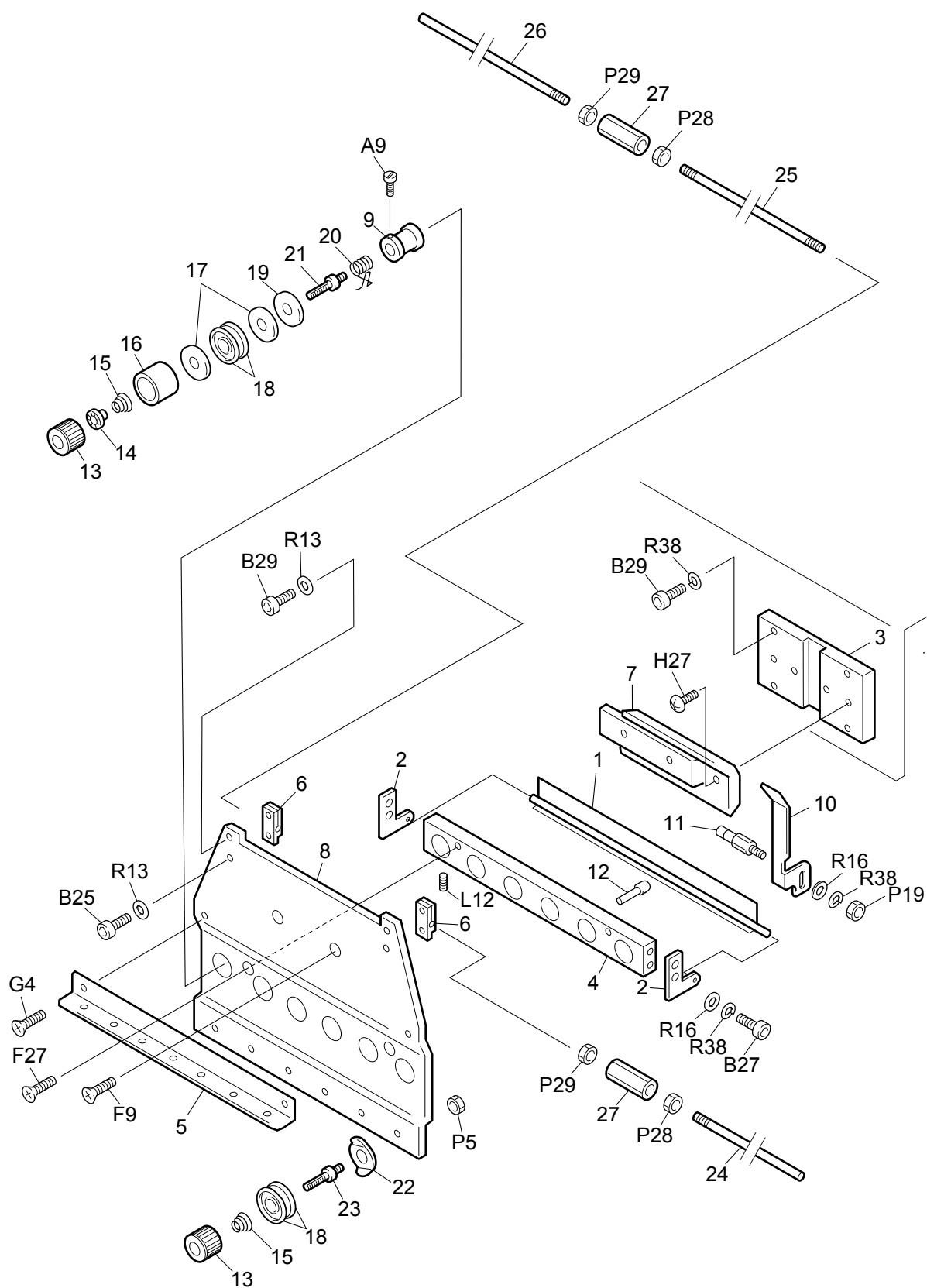
TMCE ROTARY HOOK BASE 2

CTM-10-2

Ref.No.	Description	Part No.	Remark
1	Knife Base	FX0203000000	
2	Adjusting Liner	FX0209000000	0.1mm Thick
3	Adjusting Liner	FX0210000000	0.05mm Thick
4	Movable Knife	FX0219000000	
5	Thread Separating Plate	FX0220010000	
6	Fixed Knife	FX0221010000	
7	Fixed Knife Guide	FX0222010000	
8	Under Thread Presser	FX0223010000	
9	Knife Drive Shaft Set	EG0205040000	
10	Bushing	EG0211000000	
11	Knife Drive Arm	AT0205000000	
12	Connecting Lever Pin	AT0206000000	
13	Knife Connecting Lever	AT0207000000	
14	Connecting Stud	AT0208000000	
15	Connecting Shaft Holder	FX0208000000	
16	Thread Trimming Shaft A	CT0840A0****	
17	Solenoid Base	EG0214000000	
18	Solenoid	AT6806D10000	
19	Solenoid Cover	EG02100A0000	
20	Compressed Spring	EG0218000000	
21	E-ring	BPE400000000	
22	Needle Bar O-Ring	EF0621000000	
23	Connecting Rod	EG0251000000	
24	Solenoid Pin	EG0252000000	
25	Stepped Pin	EG0215000000	
26	Connecting Lever Pin	EG0217000000	
27	Picker Connecting Stud	EG0212000000	
28	Wide Picker	EG0213000000	
29	Hexagon Socket Head Cap Screw	EG0219000000	
30	M6 Joint	EF0827010000	
31	Thread Trimming Shaft B	CT0840B0****	
32	Thread Trimming Shaft C	CT0840C0****	
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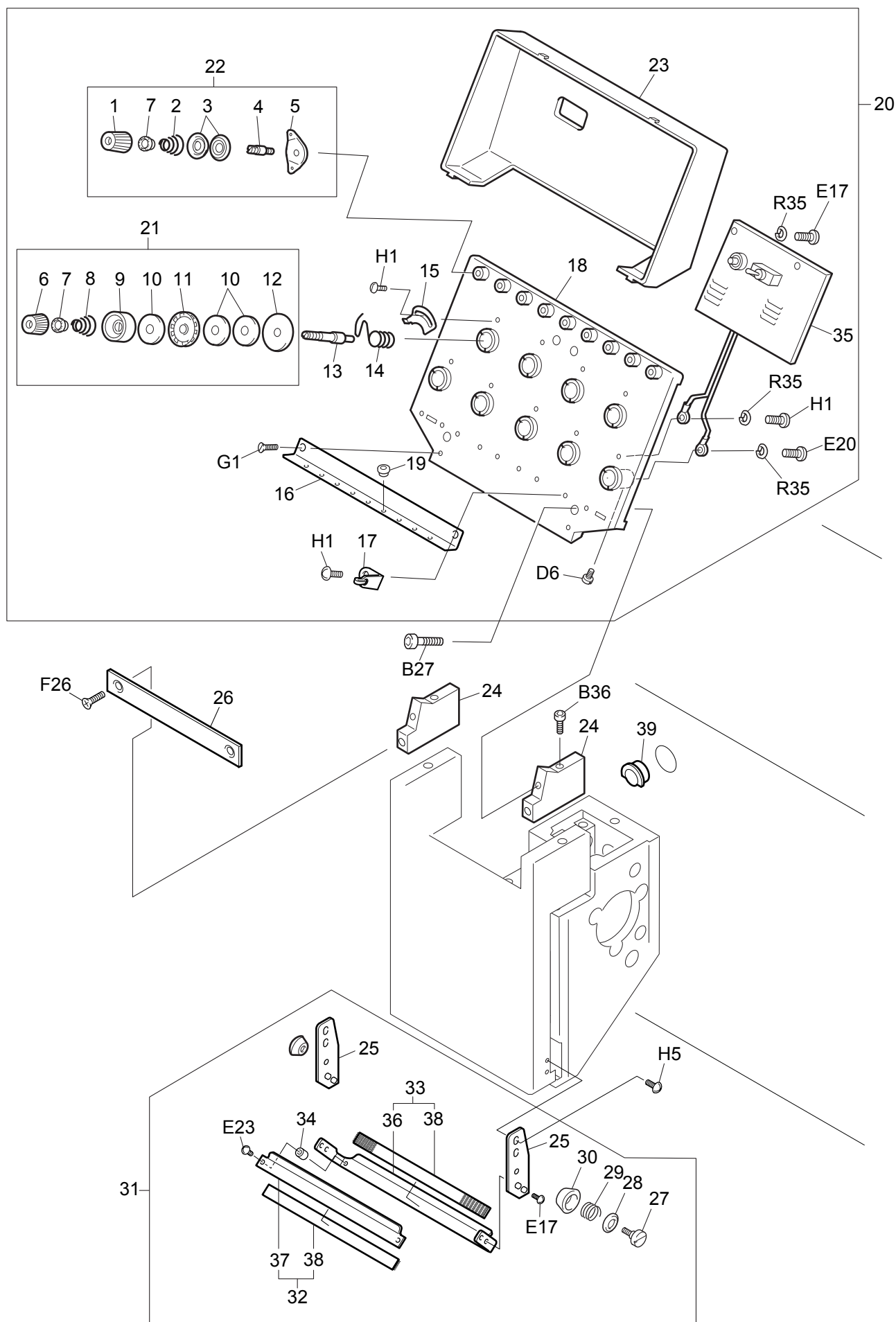
TMCE TENSION BASE (CE ARM)

CTM-11

Ref.No.	Description	Part No.	Remark
1	Tension Release Plate Assembly	CL040800####	
2	Tension Release Side Plate	CL0407000000	
3	Tension Release Slide Base	CL042000####	
4	Thread Tension Fixing Block	CL040301####	
5	Tension Base Thread Guide	CL040100####	
6	Color Change Bracket	CL0404000000	
7	Tension Base Slide Unit	CL040500####	
8	Tension Base	CL040201####	
9	Tension Collar	CL0435000000	
10	Looper Lower Lever	CL0414010000	
11	Looper Down Lever Pin	CL0415000000	
12	Tension Release Pin	LE0912000000	
13	Adjusting Screw	EF09090A0000	
14	Spring Hook	EF0910000000	
15	Tension Spring	EF0908000000	
16	Tension Collar	LG0959000000	
17	Felt Packing	EF0904000000	
18	Thread Course Tension Disk	EF0913000000	
19	Insulation Plate	EF0903000000	
20	Thread Take-up Spring	CL0434000000	
21	Tension Stud	CL0436000000	
22	Thread Course Thread Guide	EF0912000000	
23	Thread Course Tension Stud	EF0914000000	
24	CE Slide Shaft A	CT0808A0****	
25	CE Slide Shaft B	CT0808B0****	
26	CE Slide Shaft C	CT0808C0****	
27	M6 Joint	EF0827010000	
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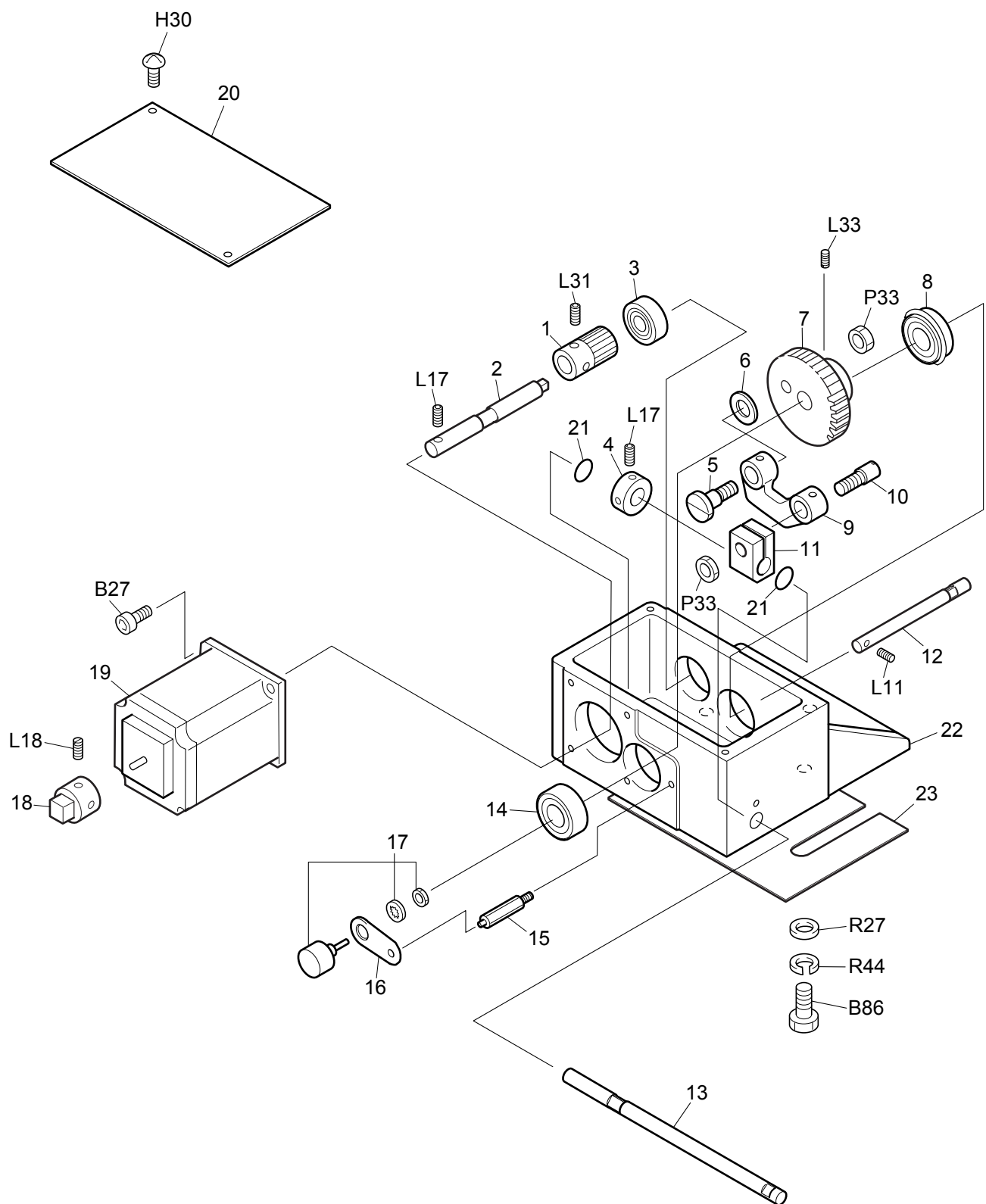


TMCE INDIVIDUAL TENSION BASE (FX ARM) CTM-12

Ref.No.	Description	Part No.	Remark
1	First Tension Thread Spring Screw	FN0922000000	
2	First Tension Spring	LG0960010000	
3	First Tension Disk	LG0920010000	
4	First Tension Stud	FN0903000000	
5	First Tension Thread Course	LG0919010000	
6	Adjusting Screw	EF09090A0000	
7	Spring Hook	EF0910000000	
8	Tension Spring	EF0908000000	
9	Tension Collar	EF09060A0000	
10	Felt Packing	EF0904000000	
11	Rotary Tension Disk	EF0905010000	
12	Insulation Plate	EF0903000000	
13	Tension Stud	LG0923000000	
14	Thread Take-up Spring	EF0907040000	
15	Thread Breakage Detecting Contact Point	LG0916000000	
16	Tension Base Lower Thread Guide	CX090101####	
17	Tension Base Middle Thread Guide	LG0917020000	
18	Individual Tension Base	FX09010C0000	
19	Thread Guide	FX0626110000	
20	Individual Tension Base Set	UN230072****	
21	Tension Base Tension Set	UN2305000000	
22	First Tension Set	UN150501A000	
23	Tension Base Cover	CL090200####	
24	Individual Tension Base Support	CL0901010000	
25	Thread Holder Bracket	AT0323000000	
26	Top Cover, Upper	CL061400####	
27	Thread Suspender Attaching Screw	AT2311000000	
28	Thread Suspender Spring Presser	EF0638000000	
29	Thread Suspender Spring	EF0639000000	
30	Thread Suspender Disk	EF0637000000	
31	Thread Presser Base Set	UN680033****	
32	Thread Presser Lid (with Tape)	UN680182****	
33	Thread Presser Base (with Tape)	UN680172****	
34	Thread Presser Spacer	AT0304000000	
35	Tension Base Card (PC Board)	MX7202020000	
36	Thread Presser Base	AT032400####	
37	Thread Presser Lid	AT032500####	
38	Velcro	AT030500####	
38	Velcro	FX0631201200	For 12-Needle M/C
39	Harness Guard Bushing	MX0833010000	
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Note: As for parts with marks # or *, please follow our instructions on Table of Contents in your parts order.

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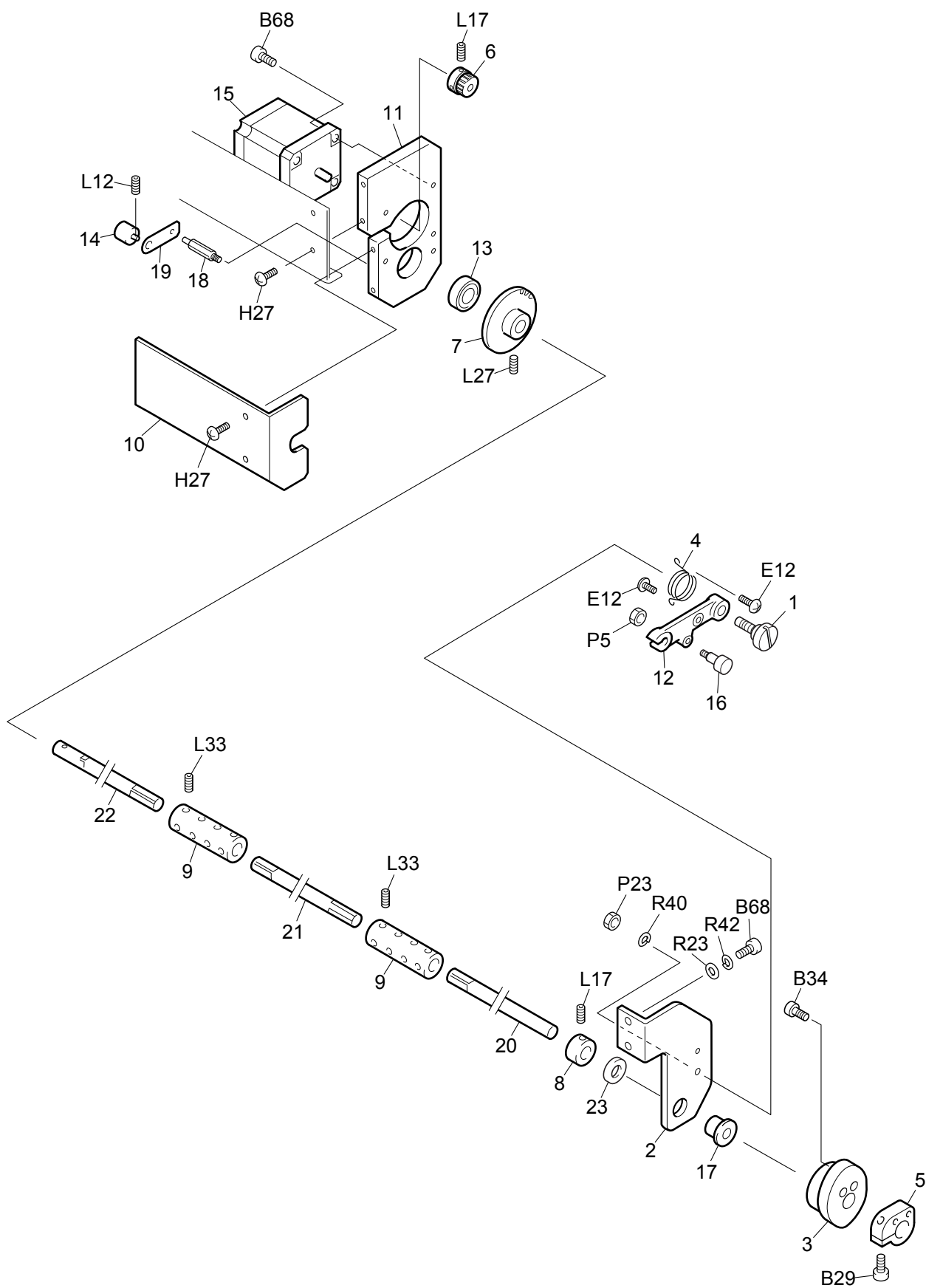
TMCE ATH

CTM-13

Ref.No.	Description	Part No.	Remark
1	18T Gear	CT0253000000	
2	Pulse Motor Shaft	CT0254000000	
3	Ball Bearing	BP6001ZZ0000	
4	10mm Dia. Collar	EF0924000000	
5	Pin No.201	CT0257000000	
6	Gear Spacer	CT0260000000	
7	54T Gear	CT0252000000	
8	Ball Bearing	BP6200ZNR000	
9	ATH Connecting Rod	CT0259000000	
10	Pin No.301	CT0258000000	
11	Slide Block	CT0261000000	
12	Driven Gear Shaft	CT0255000000	
13	Thread Trimming Base Shaft	CT0256000000	
14	Ball Bearing	BP6200ZZ0000	
15	Potentiometer Stud B	CL0423000000	
16	Potentiometer Attaching Plate B	CL0422000000	
17	Potentiometer	CL0842000000	
18	ATH Manual Collar	CT0262000000	
19	Pulse (Stepping) Motor	CL0848020000	With Encoder
20	ATH Cover	CT0263000000	
21	O-Ring	BPP1000000000	
22	ATH Base	CT0251000000	
23	ATH Base Spacer A	CT0264A00000	1.0mm Thick
23	ATH Base Spacer B	CT0264B00000	0.5mm Thick
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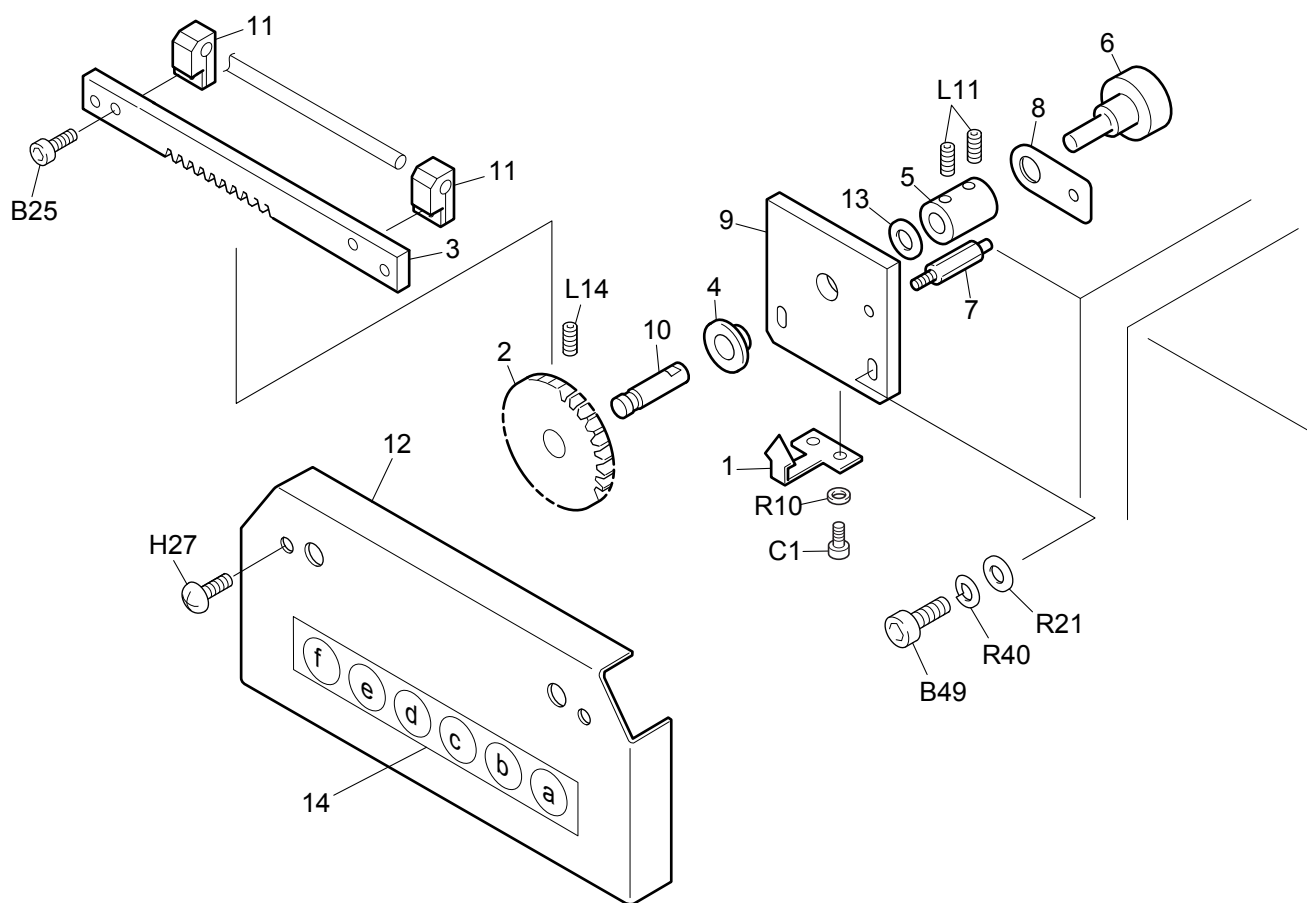
TMCE TENSION RELEASE

CTM-14

Ref.No.	Description	Part No.	Remark
1	Tension Release Lever Pin	CL0411000000	
2	Tension Release Middle Bracket	CT0402000000	
3	Tension Release Cam	CL0421000000	
4	Tension Release Return Spring	CL0416000000	
5	Tension Release Cam Tightening Collar	CL0417000000	
6	Tension Release Gear	CT0403000000	
7	Z-axis Driven Gear	CL0546000000	
8	Tension Release 12P Collar	CL0418000000	
9	12mm Dia. Joint	CE0818000000	
10	Tension Release Motor Cover	CT0409000000	
11	Tension Release Motor Bracket	CT0410000000	
12	Tension Release Lever	CL0412000000	
13	Ball Bearing	BP6901ZZ0000	
14	Potentiometer	CL0842000000	
15	Pulse (Stepping) Motor	CL0826010000	
16	Roller Pin B	CE0117100000	
17	Flanged DU Bushing	BPMB120620FD	
18	Potentiometer Stud B	CL0423000000	
19	Potentiometer Attaching Plate B	CL0422000000	
20	Tension Release Shaft A	CT0809A0****	
21	Tension Release Shaft B	CT0809B0****	
22	Tension Release Shaft C	CT0809C0****	
23	Oilless Washer	BP70W1415000	
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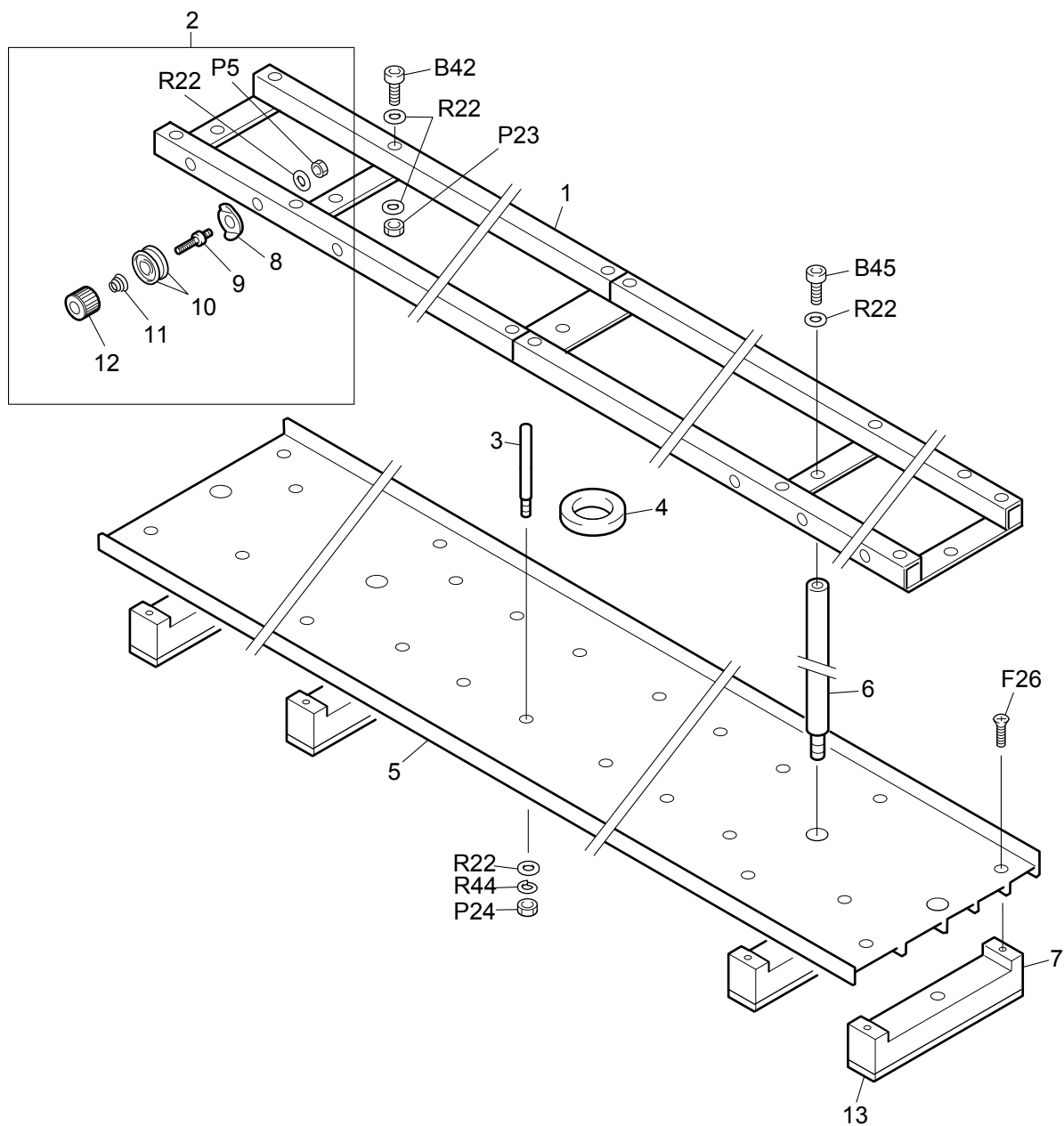
TMCE COLOR CHANGE SENSOR

CTM-15

Ref.No.	Description	Part No.	Remark
1	Color Change Sensor Pointer	CL0432000000	
2	Color Change Sensor Gear	CL0431000000	
3	Color Change Sensor Rack	CL0425000000	
4	Flanged DU Bushing	BPMB060612FD	
5	Color Change Sensor Collar	CL0430000000	
6	Color Change Potentiometer	CL0836000000	
7	Potentiometer Stud	CL0428000000	
8	Potentiometer Attaching Plate	CL0427000000	
9	Color Change Sensor Base	CT0405000000	
10	Pin No.101	CT0406000000	
11	Rack Attaching Bracket	CT0407000000	
12	Color Change Sensor Cover	CT0408010000	
13	Thrust Washer	BPRTW0613000	
14	Color Change Display Seal	CL0456000000	
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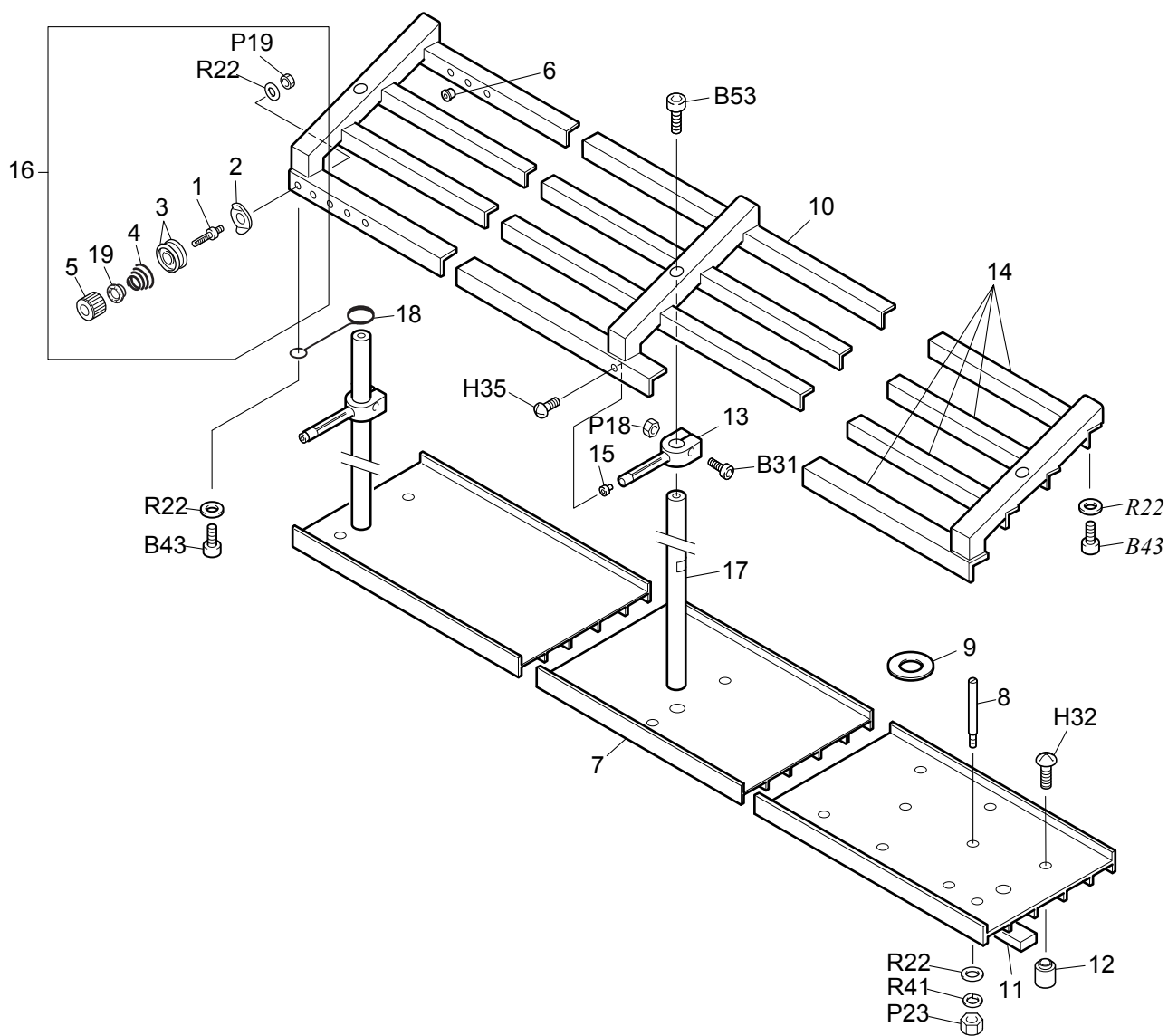
TMCE THREAD STAND (CE ARM)

CTM-16

Ref.No.	Description	Part No.	Remark
1	Thread Course	CT060200****	
2	No.1 Tension Set	UN150500B001	
3	Thread Stand Stud	EF0939010000	
4	Thread Stand Felt	EF0940000000	
5	Thread Stand Plate	CT060100****	
6	Thread Stand Shaft	CT0603010000	
7	Thread Stand Plate Attaching Bracket	CT0604000000	
8	Thread Course Thread Guide	EF0912000000	
9	Thread Course Tension Stud	EF0914000000	
10	Thread Course Tension Disk	EF0913000000	
11	Tension Spring	EF0908000000	
12	Adjusting Screw	EF09090A0000	
13	Stand Plate Attaching Bracket Rubber	CT0604100000	
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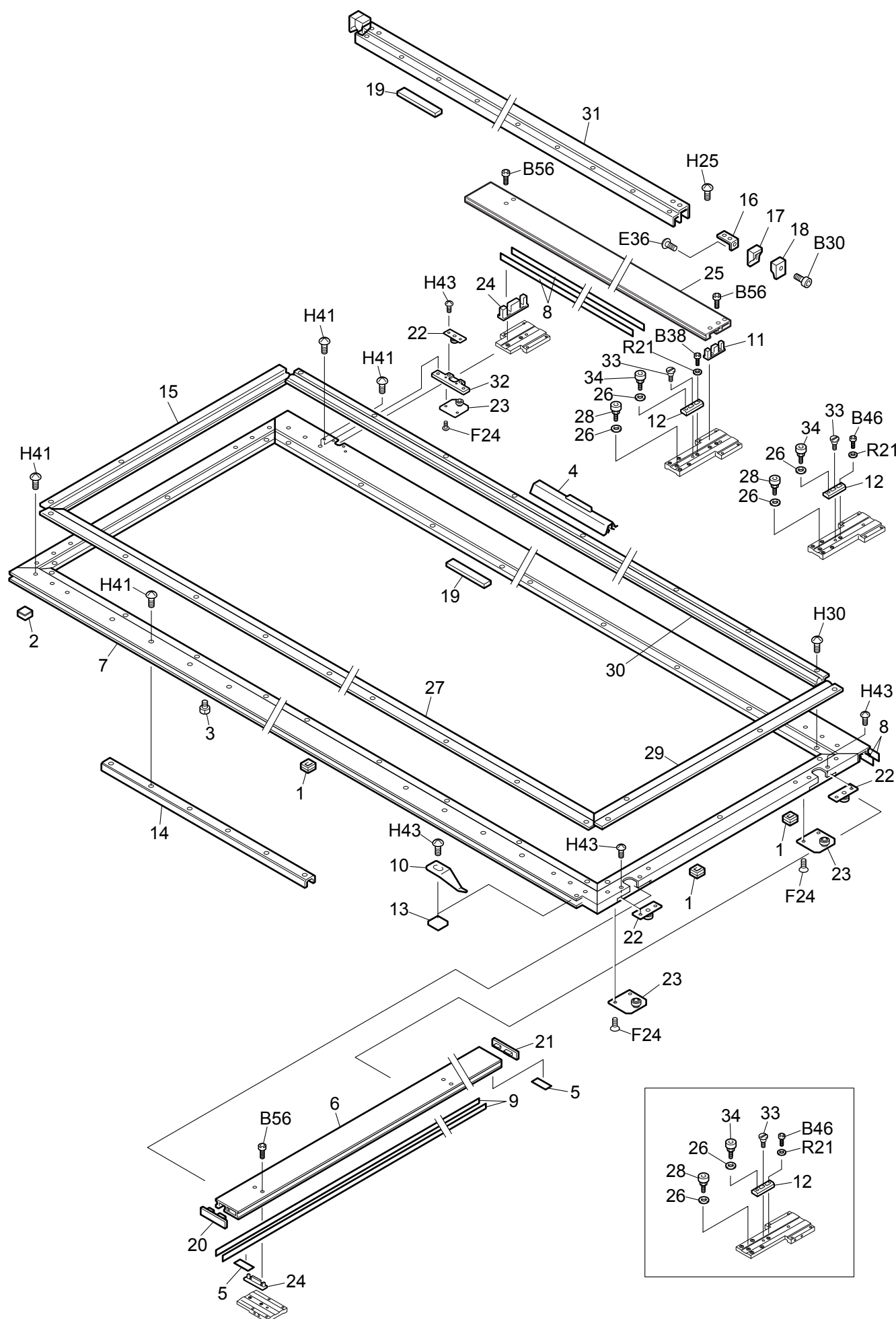
TMCE THREAD STAND (FX ARM)

CTM-17

Ref.No.	Description	Part No.	Remark
1	No.1 Tension Stud	FN0903000000	
2	No.1 Tension Thread Course	LG0919010000	
3	No.1 Tension Disk	LG0920010000	
4	No.1 Tension Spring	LG0960010000	
5	No.1 Thread Tension Spring Screw	FN0922000000	
6	Thread Guide A	EF0942A00000	White
6	Thread Guide B	EF0942B00000	Red
7	Thread Stand Plate	CT060501****	
8	Thread Stand Stud	EF0939010000	
9	Thread Stand Felt	EF0940000000	
10	Thread Course Stay	MX083000****	
11	Thread Stand Plate Felt	MX0805120000	
12	Thread Stand Plate Spacer	ED0849000000	
13	Reinforcing Guide	MX0837010000	
14	Thread Course	CT060600****	
15	Rubber Bushing	BPQ400000000	
16	No.1 Tension Set	UN150501B000	
17	Thread Stand Shaft A	EF0937A20000	
17	Thread Stand Shaft	CT0603010000	200*300
18	Grounding Spring	ED0863000000	Left-side Only
19	Spring Hook	EF0910000000	
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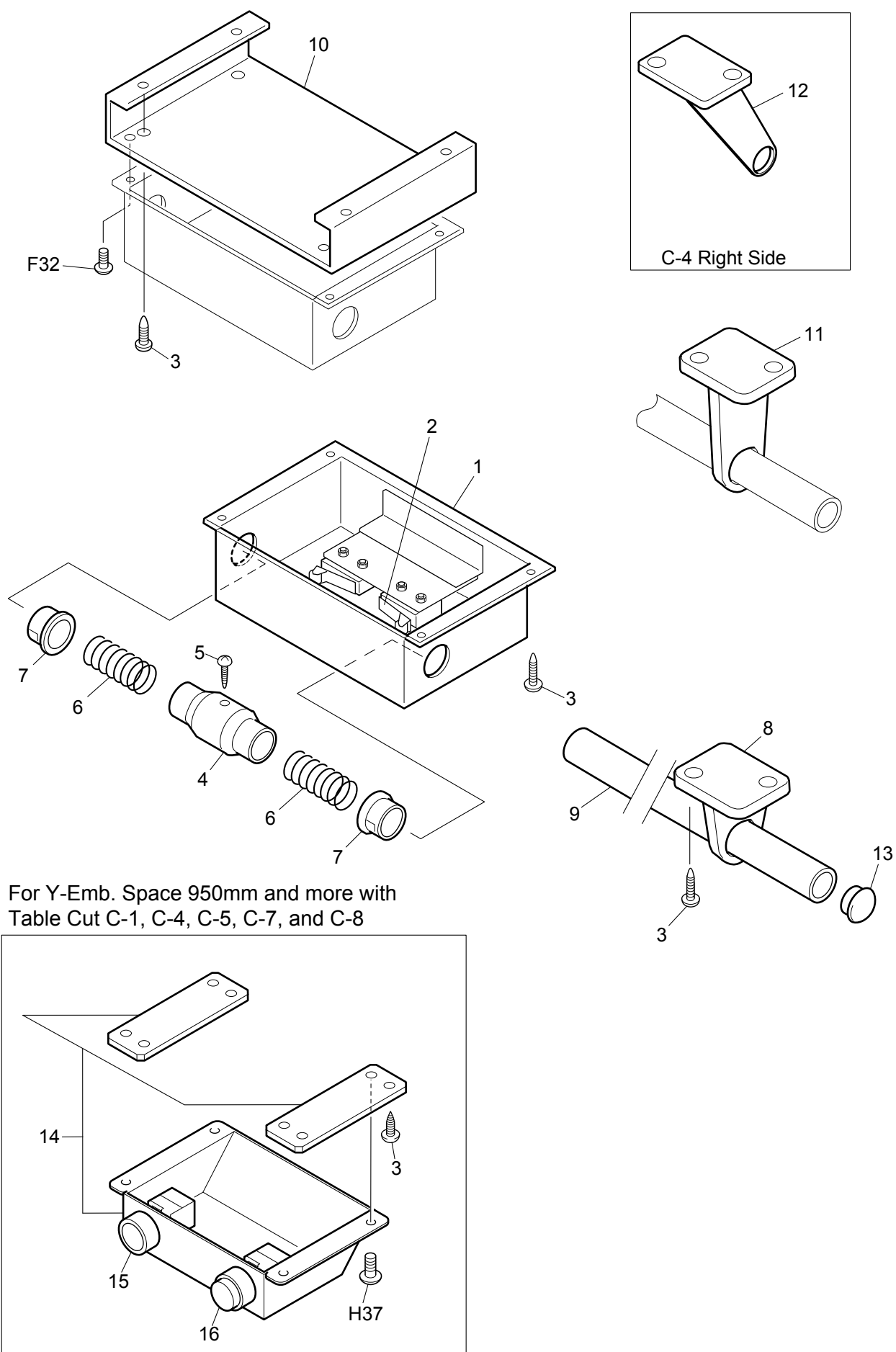
TMCE EMBROIDERY FRAME

CTM-18

Ref.No.	Description	Part No.	Remark
1	No.1 Cork Set	EG0321020000	
2	No.3 Cork Set	EG0325010000	
3	Screw Ring	EF0303000000	
4	Border Frame Clip B	MX0320B0****	
5	Z-spec. Frame Sash Felt	ED0304000000	Y-Emb. Space:680mm and more
6	X-axis Z-spec. Frame	CTZ31001****	
7	Base Frame Sash Set	CTZ30000****	
8	Rail Plate, Crosswise	MX031100****	
9	X-axis Z-spec. Frame Rail Plate	CTZ30500****	
10	Embroidery Space Indicator	CTZ304000000	
11	Reinforcing Sash Spacer C	MXZ312C00000	
12	Presser Roller Base	EG0715020000	
13	Angle Pointer Fixing Spacer	CTZ313000000	
14	Frame Rail	EN030200****	
15	Border Frame Lengthwise Sash L	CT032200****	
16	Inner Frame Attachment C	EF0311000000	
17	Inner Frame Attachment A	EF0309000000	
18	Inner Frame Attachment B	EF0310000000	
19	No.4 Felt	EG0317000000	
20	XZ Frame Sash Cover, Front	CTZ301000000	
21	XZ Frame Sash Cover, Rear	CTZ302000000	
22	X-axis Connecting Bracket, Upper	CTZ308000000	
23	X-axis Connecting Bracket, Lower	CTZ309010000	
24	Reinforcing Sash Spacer	CTZ303000000	
25	Y-axis Z-spec. Frame	CTZ31201****	
26	Roller Pin Spacer	EG0770000000	
27	Border Frame Crosswise Sash	CT032300****	
28	Bearing Pin A	EG0778010000	
29	Border Frame Lengthwise Sash R	CT032100****	
30	Border Frame Crosswise Sash B	CT032400****	
31	Middle Sash	CT032500****	
32	Y-axis Bearing Base	CTZ311000000	
33	Roller Base Guide Pin	EG0718000000	
34	Bearing Pin B	EG0779010000	
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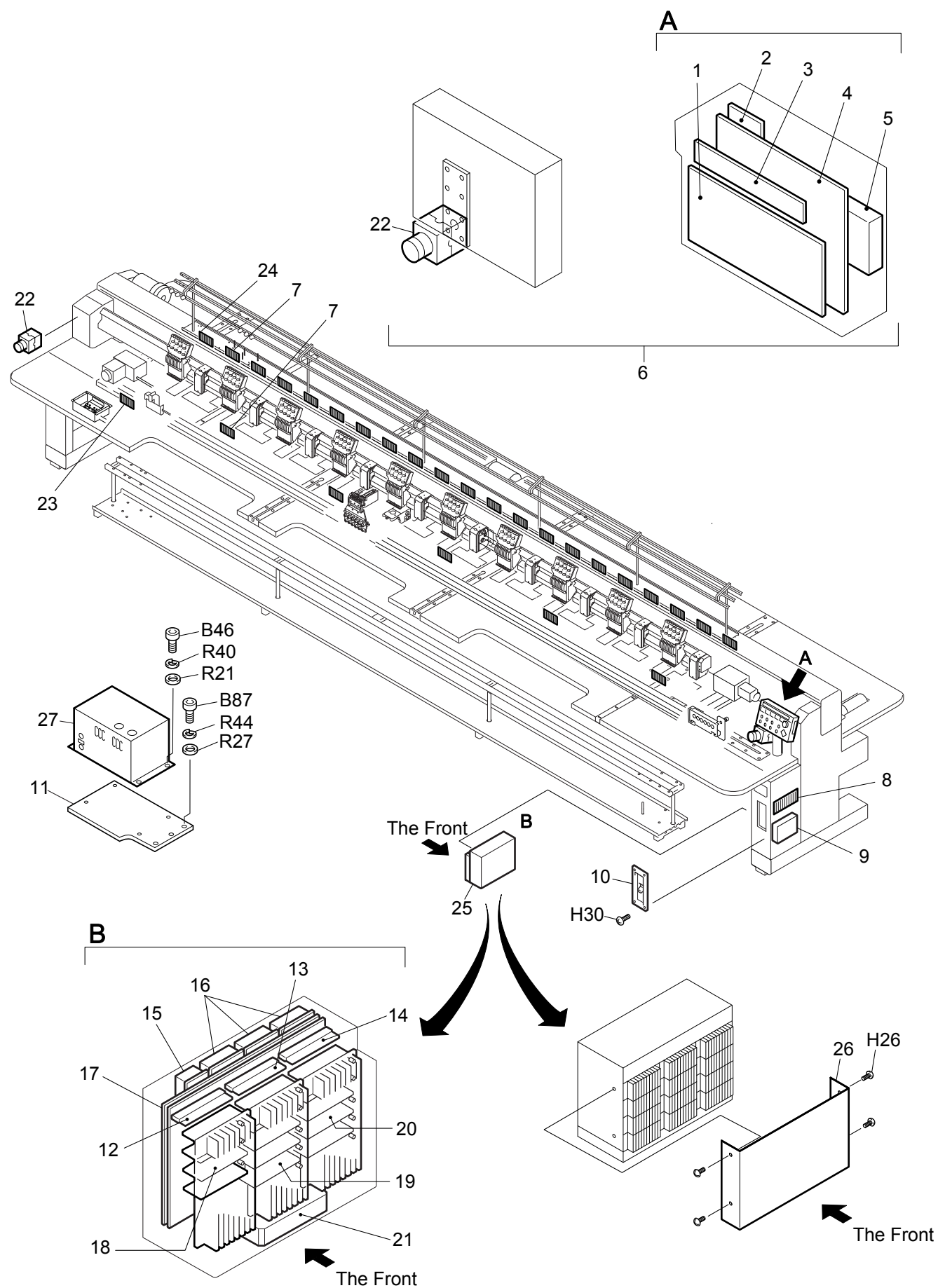
TMCE BAR SWITCH BOX

CTM-19

Ref.No.	Description	Part No.	Remark
1	Bar Switch Box	MS5800A00000	
2	Limit Switch	PB000100SP00	
3	Round Head Wood Screw	ZZ410420CC00	4.5P*20
4	LS Dog	EF1104000000	
5	Round Head Wood Screw	ZZ410415CC00	4P*15
6	Return Spring	EF1106000000	
7	Bushing	EF1107000000	
8	Bar Switch Support	EF11080A0000	
9	Switch Bar	EF110900****	
10	Bar Switch Box Attaching Plate	TC01060A0000	Table Cut (excluding C-1, C-7)
11	Bar Switch Support	TC010400****	Table Cut (excluding C-1, C-7)
12	Right Side Bar Switch Support	TC012100****	C-4 right Side
13	Side Cover Lid	EF1109200000	
14	Start/Stop Switch Box Assembly	ED5800010000	Y:950mm and more C-1,4,5,7,8
15	Start Switch	SC5803000000	Y:950mm and more C-1,4,5,7,8
16	Stop Switch	SC5806000000	Y:950mm and more C-1,4,5,7,8
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(DF03)



TMCE ELECTRICAL PARTS

CTM-20

Ref.No.	Description	Part No.	Remark
1	Switch Card	MX5102000000	
2	Extension Card	CL5101060000	
3	FIP (Indicator Assembly)	PB001100LP00	
4	CPU Card	MX5101A40000	
5	Floppy Disk Drive	PB001000RE00	
6	Controller	CL5100040000	
7	Head Card (CE Head)	CL6101050000	Close
8	Joint Card (PC Board)	MX6101000000	
9	Noise Filter	PB000900FM00	
10	Breaker	EN5802000000	
11	Transformer Base	CT0871000000	For 380 - 440V Spec. M/C
12	Driver CPU Card (Main Shaft Driver)	CT5602020000	
13	Driver CPU Card (Y-axis Driver)	CT5602020000	
14	Driver CPU Card (X-axis Driver)	CT5602020000	
15	Power Supply Card (5V)	PB002401PW00	
16	Power Supply Card (24V)	PB0025A1PW00	
17	Mother Board	CT5601000000	
18	Driver Card (Main Shaft Driver)	CT5603030000	
19	Driver Card (Y-axis Driver)	CT5603030000	
20	Driver Card (X-axis Driver)	CT5603030000	
21	Fan	PB000900BF00	
22	Emergency Stop Switch Box	EN5804000000	
23	Head Card (FX Head)	CL6101B40000	Close
24	Head Card (FX Head)	CL6101A60000	Open
25	Power Supply Driver Box	CT5600A20000	
26	Fin Cover A	CT1115000000	
27	Separate Transformer UnitX2	PB6005A00000	3-Phase 380 - 440V Spec. M/C
27	Separate Transformer UnitX6	PB6009010000	1-Phase 200 - 240V Spec. M/C
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No.	Part No.	Remark	No.	Part No.	Remark
A	Flat Fillister Head Screw		B16	SS6203160TN0	M3*16
A1	SM15015430CN	1/8*44*3	B17	SS6203180TN0	M3*18
A2	SM15015450CN	1/8*44*5	B18	SS6203200TD0	M3*20
A3	SM15015455CN	1/8*44*5.5	B19	SS6203200TN0	M3*20
A4	SM15015460CN	1/8*44*6	B20	SS6203250TN0	M3*25
A5	SM16515530CN	9/64*40*3	B21	SS6204050TD0	M4*5
A6	SM14020540CN	9/64*40*4	B22	SS6204050TN0	M4*5
A7	SM16516540SA	9/64*40*4	B23	SS6204060TN0	M4*6
A8	SM17010540CN	9/64*40*4	B24	SS6204080TD0	M4*8
A9	SM1E515550CN	9/64*40*5	B25	SS6204080TN0	M4*8
A10	SM14020560CN	9/64*40*6	B26	SS6204100TD0	M4*10
A11	SM15525560CN	9/64*40*6	B27	SS6204100TN0	M4*10
A12	SM15526570CN	9/64*40*7	B28	SS6204120TD0	M4*12
A13	SM15020580CN	9/64*40*8	B29	SS6204120TN0	M4*12
A14	SM15530580CN	9/64*40*8	B30	SS6204150TN0	M4*15
A15	SM16025580CN	9/64*40*8	B31	SS6204180TN0	M4*18
A16	SM150205A0CN	9/64*40*10	B32	SS6204200TD0	M4*20
A17	SM150205C0CN	9/64*40*12	B33	SS6204200TN0	M4*20
A18	SM150205F0CN	9/64*40*15	B34	SS6204250TN0	M4*25
A19	SM15422643TN	11/64*40*4.3	B35	SS6204250TN1	M4*25
A20	SM17017670CN	11/64*40*7	B36	SS6204300TN0	M4*30
A21	SM1C035675CN	11/64*40*7.5	B37	SS6204350TN0	M4*35
A22	SM10825690SH	11/64*40*9	B38	SS6204400TN0	M4*40
A23	SM146266B5CN	11/64*40*11.5	B39	SS6204450TN0	M4*45
A24	SM172316C0CN	11/64*40*12	B40	SS6205060TN0	M5*6
A25	SS6003080SC0	M3*8	B41	SS6205080TD0	M5*8
A26	SS6003080SD0	M3*8	B42	SS6205080TN0	M5*8
A27	SS6003100CC0	M3*10	B43	SS6205100TD0	M5*10
A28	SS6004100SC0	M4*10	B44	SS6205100TN0	M5*10
			B45	SS6205100TP0	M5*10
			B46	SS6205120TN0	M5*12
			B47	SS6205140TN0	M5*14
			B48	SS6205150TD0	M5*15
			B49	SS6205150TN0	M5*15
B	Hexagon Socket Head Cap Screw		B50	SS6205160TN0	M5*16
B1	SS6202080TD0	M2*8	B51	SS6205180TN0	M5*18
B2	SS6202100TD0	M2*10	B52	SS6205200TD0	M5*20
B3	SS6276050TN0	M2.6*5	B53	SS6205200TN0	M5*20
B4	SS6203030TN0	M3*3	B54	SS6205220TN0	M5*22
B5	SS6203040TN0	M3*4	B55	SS6205230TN0	M5*23
B6	SS6203050TN0	M3*5	B56	SS6205250TN0	M5*25
B7	SS6203060TD0	M3*6	B57	SS6205300TN0	M5*30
B8	SS6203060TN0	M3*6	B58	SS6205350TN0	M5*35
B9	SS6203080TD0	M3*8	B59	SS6205350TN1	M5*35
B10	SS6203080TN0	M3*8	B60	SS6205500TN0	M5*50
B11	SS6203100TD0	M3*10	B61	SS6205500TN1	M5*50
B12	SS6203100TN0	M3*10	B62	SS6205550TN0	M5*55
B13	SS6203120TN0	M3*12	B63	SS6205600TN0	M5*60
B14	SS6203150TD0	M3*15	B64	SS6205600TN1	M5*60
B15	SS6203150TN0	M3*15	B65	SS6206080TN0	M6*8

B.C.D.E

No.	Part No.	Remark	No.	Part No.	Remark
B	Hexagon Socket Head Cap Screw		C6	SS9305200SD0	M5*20
B66	SS6206090TN0	M6*9	C7	SS9306150SC0	M6*15
B67	SS6206100TN0	M6*10	C8	SS9306450SD0	M6*45
B68	SS6206120TN0	M6*12	C9	SS9306500SC0	M6*50
B69	SS6206150TN0	M6*15	C10	SS9306500SD0	M6*50
B70	SS6206180TN0	M6*18	C11	SS9306550SD0	M6*55
B71	SS6206200TN0	M6*20	C12	SS9306650SD0	M6*65
B72	SS6206250TN0	M6*25	C13	SS9306750SC0	M6*75
B73	SS6206300TN0	M6*30	C14	SS9308150TN0	M8*15
B74	SS6206350TN0	M6*35	C15	SS9308180TN0	M8*18
B75	SS6206400TN0	M6*40	C16	SS9310300TN0	M10*30
B76	SS6206450TN0	M6*45	C17	SS9310350SC0	M10*35
B77	SS6206450TN1	M6*45	C18	SS9310350TN0	M10*35
B78	SS6206500TN1	M6*50	C19	SS9310400SC1	M10*40
B79	SS6206650TN0	M6*65	C20	SS9312500TN0	M12*50
B80	SS6506750TN1	M6*75			
B81	SS6206800TN1	M6*80			
B82	SS6206A00TN0	M6*100			
B83	SS6208120TN0	M8*12			
B84	SS6208150TN0	M8*15			
B85	SS6208150TP0	M8*15	D	Round Fillister Head Screw	
B86	SS6208200TN0	M8*20	D1	SM66514540CL	9/64*40*4
B87	SS6208250TN0	M8*25	D2	SM66015550CL	9/64*40*5
B88	SS6208300TN0	M8*30	D3	SM66015550CN	9/64*40*5
B89	SS6208350TN0	M8*35	D4	SM67018550CN	9/64*40*5
B90	SS6208400TN0	M8*40	D5	SM67020550CN	9/64*40*5
B91	SS6208400TN1	M8*40	D6	SM66015560CL	9/64*40*6
B92	SS6208450TN0	M8*45	D7	SM66015560CN	9/64*40*6
B93	SS6208450TN1	M8*45	D8	SM67020560CL	9/64*40*6
B94	SS6208500TN0	M8*50	D9	SM67020560CN	9/64*40*6
B95	SS6208600TN0	M8*60	D10	SM65817568CN	9/64*40*6.8
B96	SS6208700TN0	M8*70	D11	SM67020580CL	9/64*40*8
B97	SS6210200TN0	M10*20	D12	SM67020580CN	9/64*40*8
B98	SS6210250TN0	M10*25	D13	SM660255A0CN	9/64*40*10
B99	SS6210300TN0	M10*30	D14	SM670205C0CN	9/64*40*12
B100	SS6210350TN0	M10*35	D15	SM67015660CN	11/64*40*6
B101	SS6210400TN0	M10*40	D16	SM67530665CN	11/64*40*6.5
B102	SS6212300TN0	M12*30	D17	SM675306A5CN	11/64*40*10.5
B103	SS6212350TN0	M12*35	D18	SM675306C0CN	11/64*40*12
			D19	SM675256F0CN	11/64*40*15
			D20	SM69065CQ5CN	9/32*28*24.5
			D21	SS7003050SD0	M3*5
C	Hexagon Bolt				
C1	SS9303060SD0	M3*6			
C2	SS9304080SD0	M4*8	E	Pan Head Screw	
C3	SS9305100SD0	M5*10	E1	SS4164014MZ0	M1.4*1.4
C4	SS9305150SC0	M5*15	E2	SS4102030MZ0	M2*3
C5	SS9305150SD0	M5*15	E3	SS4102040MZ0	M2*4

No.	Part No.	Remark	No.	Part No.	Remark
E	Pan Head Screw		E53	SS4105300SD1	M5*12
E4	SS4102080MZ0	M2*8	E54	SS4105150SD0	M5*15
E5	SS4175030MZ0	M2.5*3	E55	SS4105450SD1	M5*45
E6	SS4175040MZ0	M2.5*4	E56	SS4105500SD1	M5*50
E7	SS4175050MZ0	M2.5*5	E57	SS4105600SD1	M5*60
E8	SS4175080MZ0	M2.5*8			
E9	SS4175130MZ0	M2.5*13			
E10	SS4175130SD0	M2.5*13			
E11	SS4103030MZ0	M3*3			
E12	SS4103030SD0	M3*3			
E13	SS4103040CD0	M3*4	F	Countersunk Head Screw	
E14	SS4103040MZ0	M3*4	F1	SMA55005A0CN	9/64*40*10
E15	SS4103040SD0	M3*4	F2	SMB7000680CN	11/64*40*8
E16	SS4103050MZ0	M3*5	F3	SS1102060SD0	M2*6
E17	SS4103050SD0	M3*5	F4	SS1103040MZ0	M3*4
E18	SS4103060MZ0	M3*6	F5	SS1103040SD0	M3*4
E19	SS4103060SA0	M3*6	F6	SS1103050SD0	M3*5
E20	SS4103060SD0	M3*6	F7	SS1003060SD0	M3*6
E21	SS4103080MZ0	M3*8	F8	SS1103060MZ0	M3*6
E22	SS4103080SA0	M3*8	F9	SS1103060SD0	M3*6
E23	SS4103080SD0	M3*8	F10	SS1103070SD0	M3*7
E24	SS4103100SC1	M3*10	F11	SS1003080SD0	M3*8
E25	SS4103100SD0	M3*10	F12	SS1103080MZ0	M3*8
E26	SS4103110SC1	M3*11	F13	SS1103080SC0	M3*8
E27	SS4103120MZ0	M3*12	F14	SS1103080SD0	M3*8
E28	SS4103120SD0	M3*12	F15	SS1103080SN0	M3*8
E29	SS4103140SA0	M3*14	F16	SS1103100SD0	M3*10
E30	SS4103140SD0	M3*14	F17	SS1103120MZ0	M3*12
E31	SS4103150SD0	M3*15	F18	SS1103120SD0	M3*12
E32	SS4103160SD0	M3*16	F19	SS1103150MZ0	M3*15
E33	SS4103400SD1	M3*40	F20	SS1103160SD0	M3*16
E34	SS4103500SD1	M3*50	F21	SS1104050SD0	M4*5
E35	SS4104040SD0	M4*4	F22	SS1104060SD0	M4*6
E36	SS4104050SD0	M4*5	F23	SS1104080MZ0	M4*8
E37	SS4104060MZ0	M4*6	F24	SS1104080SD0	M4*8
E38	SS4104060SD0	M4*6	F25	SS1104100MZ0	M4*10
E39	SS4104080SD0	M4*8	F26	SS1104100SD0	M4*10
E40	SS4104100SD0	M4*10	F27	SS1104120SD0	M4*12
E41	SS4104120SD0	M4*12	F28	SS1104140SD0	M4*14
E42	SS4104150SD0	M4*15	F29	SS1104150SD0	M4*15
E43	SS4104180SD0	M4*18	F30	SS1104200SD0	M4*20
E44	SS4104300SD0	M4*30	F31	SS1104220SD0	M4*22
E45	SS4104500SD0	M4*50	F32	SS1104250SD0	M4*25
E46	SS4104600SD1	M4*60	F33	SS1105060SD0	M5*6
E47	SS4105060SD0	M5*6	F34	SS1105080SD0	M5*8
E48	SS4105070SD0	M5*7	F35	SS1105100SD0	M5*10
E49	SS4105080SD0	M5*8	F36	SS1105120SD0	M5*12
E50	SS4105100MZ0	M5*10	F37	SS1105150SD0	M5*15
E51	SS4105100SD0	M5*10	F38	SS1105300SD0	M5*30
E52	SS4105120SD0	M5*12	F39	SS1105350SD0	M5*35

F.G.H.J.K

No.	Part No.	Remark	No.	Part No.	Remark
F	Countersunk Head Screw		H25	SS0104050SD0	M4*5
F40	SS1106150SC0	M6*15	H26	SS0104060MZ0	M4*6
F41	SS1106150SD0	M6*15	H27	SS0104060SD0	M4*6
F42	SS1106350SD0	M6*35	H28	SS0104065SD0	M4*6.5
F43	SS1108120SD0	M8*12	H29	SS0104080MZ0	M4*8
F44	SS1108700TN0	M8*70	H30	SS0104080SD0	M4*8
			H31	SS0104080SD2	M4*8
			H32	SS0104100MZ0	M4*10
			H33	SS0104100SD0	M4*10
			H34	SS0104120SD0	M4*12
			H35	SS0104150SD0	M4*15
G	Round Countersunk Head Screw		H36	SS0104200SD0	M4*20
G1	SMC5000460CL	1/8*44*6	H37	SS0105050SD0	M5*5
G2	SMC5000530CL	9/64*40*3	H38	SS0105060SD0	M5*6
G3	SMC5000535CL	9/64*40*3.5	H39	SS0105065SD0	M5*6.5
G4	SMC5000540CL	9/64*40*4	H40	SS0105070SD0	M5*7
G5	SMC5000560CL	9/64*40*6	H41	SS0105080SD0	M5*8
G6	SMC5000570CL	9/64*40*7	H42	SS0105100CB0	M5*10
G7	SMC5000595CL	9/64*40*9.5	H43	SS0105100SD0	M5*10
G8	SMC50005C0CL	9/64*40*12	H44	SS0105120SD0	M5*12
			H45	SS0105150SD0	M5*15
			H46	SS0105200SD0	M5*20
			H47	SS0105250SD0	M5*25
			H48	SS0105300SD0	M5*30
			H49	SS0105350SD0	M5*35
H	Truss Head Screw		H50	SS0106080SD0	M6*8
H1	SMF6016470CL	1/8*44*7	H51	SS0106100SD0	M6*10
H2	SMF8020530CL	9/64*40*3.5	H52	SS0106220SD0	M6*22
H3	SMF8020540CL	9/64*40*4	H53	SS0106250SD0	M6*25
H4	SME9510540CM	9/64*40*4	H54	SS0106350SD0	M6*35
H5	SMF8020560CL	9/64*40*6	H55	SS0106400SD0	M6*40
H6	SMF8020580CL	9/64*40*8			
H7	SS0175030MZ0	M2.5*3			
H8	SS0175030SD0	M2.5*3			
H9	SS0175040MZ0	M2.5*4			
H10	SS0175040SA0	M2.5*4	J	Round Head Screw	
H11	SS0175040SD0	M2.5*4	J1	SS3102030MZ0	M2*3
H12	SS0103030MZ0	M3*3	J2	SS3103080SD0	M3*8
H13	SS0103030SD0	M3*3	J3	SS3103080SE0	M3*8
H14	SS0103040SD0	M3*4	J4	SS3103100MZ0	M3*10
H15	SS0103050MZ0	M3*5			
H16	SS0103050SD0	M3*5			
H17	SS0103060MZ0	M3*6			
H18	SS0103060SD0	M3*6			
H19	SS0103060SA0	M3*6			
H20	SS0103080SD0	M3*8	K	Slotted Set Screw	
H21	SS0103080SA0	M3*8	K1	SMK0000435CN	1/8*44*3.5
H22	SS0103100MZ0	M3*10	K2	SMK0000560CN	9/64*40*6
H23	SS0103100SD0	M3*10	K3	SMK0000625CN	11/64*40*2.5
H24	SS0103200SD0	M3*20	K4	SMK0000635CN	11/64*40*3.5

K.L.M.N.P

No.	Part No.	Remark	No.	Part No.	Remark
K	Slotted Set Screw		L31	SS8206050TN0	M6*5
K5	SMK00000640CN	11/64*40*4	L32	SS8206060TN0	M6*6
K6	SMK00000650CN	11/64*40*5	L33	SS8206080TN0	M6*8
K7	SMK00000A50CN	15/64*28*5	L34	SS8206100TN0	M6*10
K8	SMK00000AA0CN	15/64*28*10	L35	SS8206180TN0	M6*18
K9	SMK00000AF0CN	15/64*28*15	L36	SS8208080TN0	M8*8
K10	SMK00000AH0CN	15/64*28*17	L37	SS8208100TN0	M8*10
K11	SMK00000B40CN	1/4*40*4	L38	SS8208150TN0	M8*15
K12	SMK00000B45CN	1/4*40*4.5			
K13	SMK00000B50CN	1/4*40*5			
K14	SMK00000B60CN	1/4*40*6			
K15	SMK00000B80CN	1/4*40*8			
K16	SMK00000CC0CN	9/32*28*12	M	Hexagon Socket Head Button Screw	
K17	SS8005060TN0	M5*6	M1	SS3203050SC0	M3*5
			M2	SS3204060SC0	M4*6
			M3	SS3204080SD0	M4*8
			M4	SS3205100SD0	M5*10
L	Hexagon Socket Head Set Screw				
L1	SMJ00000425CN	1/8*44*2.5			
L2	SMJ00000430CN	1/8*44*3			
L3	SMJ00000690CN	11/64*28*9	N	Screw with Washer	
L4	SMJ00000640CN	11/64*40*4	N1	SSA003080000	M3*8
L5	SMJ00000660CN	11/64*40*6	N2	SSA003150000	M3*15
L6	SMJ00000680CN	11/64*40*8	N3	SSA003160000	M3*16
L7	SMJ00000A40CN	15/64*28*4	N4	SSA003180000	M3*18
L8	SMJ00000A90CN	15/64*28*9	N5	SSA004080000	M4*8
L9	SS8275030TN0	M2.5*2	N6	SSA004100000	M4*10
L10	SS8203020TN0	M3*2	N7	SSA004550000	M4*55
L11	SS8203030TN0	M3*3	N8	SSA005100000	M5*10
L12	SS8203040TN0	M3*4	N9	SSA005120000	M5*12
L13	SS8203050TN0	M3*5	N10	SSA005140000	M5*14
L14	SS8203060TN0	M3*6	N11	SSA005180000	M5*18
L15	SS8203080TN0	M3*8			
L16	SS8204030TN0	M4*3			
L17	SS8204040TN0	M4*4			
L18	SS8204050TN0	M4*5			
L19	SS8204060TN0	M4*6			
L20	SS8204060TN1	M4*6	P	Nut	
L21	SS8204080TN0	M4*8	P1	SMN046030CN0	1/8*44*6*3
L22	SS8204100TN0	M4*10	P2	SMN056020CL0	9/64*40*6*2
L23	SS8204120TN0	M4*12	P3	SMN056030CN0	9/64*40*6*3
L24	SS8205040TN0	M5*4	P4	SMN066020CN0	11/64*40*6*2
L25	SS8205050TN0	M5*5	P5	SMN066030CN0	11/64*40*6*3
L26	SS8205060TN0	M5*6	P6	SMN067030CN0	11/64*40*7*3
L27	SS8205080TN0	M5*8	P7	SMN167030CN0	11/64*40*7*3
L28	SS8205100TN0	M5*10	P8	SSN166MZ0000	M1.6 Type 2
L29	SS8205120TN0	M5*12	P9	SSN002SD0000	M2 Type 1
L30	SS8205150TN0	M5*15	P10	SSN073SD0000	M2.3 Type 1

P.R

No.	Part No.	Remark	No.	Part No.	Remark
P	Nut		R12	WSP048005SC0	Plain M4*8*0.5t
P11	SSN075MZ0000	M2.5 Type 1	R13	WSP048005SD0	Plain M4*8*0.5t
P12	SSN003MZ0000	M3 Type 1	R14	WSP048008SC0	Plain M4*8*0.8t
P13	SSN003SC0000	M3 Type 1	R15	WSP048008SD0	Plain M4*8*0.8t
P14	SSN003SD0000	M3 Type 1	R16	WSP04A008SC0	Plain M4*10*0.8t
P15	SSN403SD0000	M3 Thumbscrew Type 2	R17	WSP04A008SD0	Plain M4*10*0.8t
P16	SSN203SC0000	M3 Type 3	R18	WSP04C010SC0	Plain M4*12*1t
P17	SSN203SD0000	M3 Type 3	R19	WSP05A008SC0	Plain M5*10*0.8t
P18	SSN285SC0000	M3.5 Type 3	R20	WSP05A008SD0	Plain M5*10*0.8t
P19	SSN004SC0000	M4 Type 1	R21	WSP05C008SC0	Plain M5*12*0.8t
P20	SSN004SD0000	M4 Type 1	R22	WSP05C008SD0	Plain M5*12*0.8t
P21	SSN204SC0000	M4 Type 3	R23	WSP06D010SC0	Plain M6*13*1.0t
P22	SSN204SD0000	M4 Type 3	R24	WSP06D010SD0	Plain M6*13*1.0t
P23	SSN005SC0000	M5 Type 1	R25	WSP06G010SC0	Plain M6*16*1.0t
P24	SSN005SD0000	M5 Type 1	R26	WSP08G012SD0	Plain M8*16*1.2t
P25	SSN205SC0000	M5 Type 3	R27	WSP08J016SC0	Plain M8*18*1.6t
P26	SSN205SD0000	M5 Type 3	R28	WSP08J016SD0	Plain M8*18*1.6t
P27	SSN605SD0000	M5 Cap Screw	R29	WSP08J032SC0	Plain M8*18*3.2t
P28	SSN006SC0000	M6 Type 1	R30	WSP08N032SC0	Plain M8*22*3.2t
P29	SSN006SC1000	M6 Type 1(Left)	R31	WSP10S032SC0	Plain M10*26*3.2t
P30	SSN006SD0000	M6 Type 1	R32	WSP12L520SC0	Plain M12*20.5*2t
P31	SSN006SD1000	M6 Type 1(Left)	R33	WSS020000KD0	Spring M2
P32	SSN206SC0000	M6 Type 3	R34	WSS760000KC0	Spring M2.6
P33	SSN008SC0000	M8 Type 1	R35	WSS030000KC0	Spring M3
P34	SSN008SD0000	M8 Type 1	R36	WSS030000KD0	Spring M3
P35	SSN208SC0000	M8 Type 3	R37	WSS850000KC0	Spring M3.5
P36	SSN208SD0000	M8 Type 3	R38	WSS040000KC0	Spring M4
P37	SSN010SC0000	M10 Type 1	R39	WSS040000KD0	Spring M4
P38	SSN710CD0000	M10 with Flange	R40	WSS050000KC0	Spring M5
P39	SSN710SC0000	M10 with Flange	R41	WSS050000KD0	Spring M5
P40	SSN012SC0000	M12 Type 1	R42	WSS060000KC0	Spring M6
P41	SSN212SC0000	M12 Type 3	R43	WSS060000KD0	Spring M6
P42	SSN216SC0000	M16 Type 3	R44	WSS080000KC0	spring M8
P43	SSN020SC0000	M20 Type 1	R45	WSS080000KD0	spring M8
			R46	WSS100000KC0	Spring M10
			R47	WSS120000KC0	Spring M12
			R48	WSW04B003TP0	Wave M4
			R49	WSW05B003TN0	Wave M5
R	Washer		R50	WSW06A503TN0	Wave M6
R1	WSP640303MZ0	Plain M1.4*3*0.3t	R51	WSL048505TP0	With teeth M4
R2	WSP023505XZ0	Plain M2*3.5*0.5t	R52	WSL05A006TP0	With teeth M5
R3	WSP767505XB0	Plain M2.6*7.5*0.5t	R53	WSN080000SC0	Slant M8
R4	WSP036003XZ0	Plain M3*6*0.3t	R54	WSC048005SC0	Disk Spring M4
R5	WSP036005SC0	Plain M3*6*0.5t			
R6	WSP037005SD0	Plain M3*7*0.5t			
R7	WSP038003SD0	Plain M3*8*0.3t			
R8	WSP038005MZ0	Plain M3*8*0.5t			
R9	WSP038005SC0	Plain M3*8*0.5t			
R10	WSP038005SD0	Plain M3*8*0.5t			
R11	WSP038100SD0	Plain M3*8*1t			

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