
TAJIMA

TMLE

PARTS LIST

From the library of: Diamond Needle Corp

(8906)

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[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. :

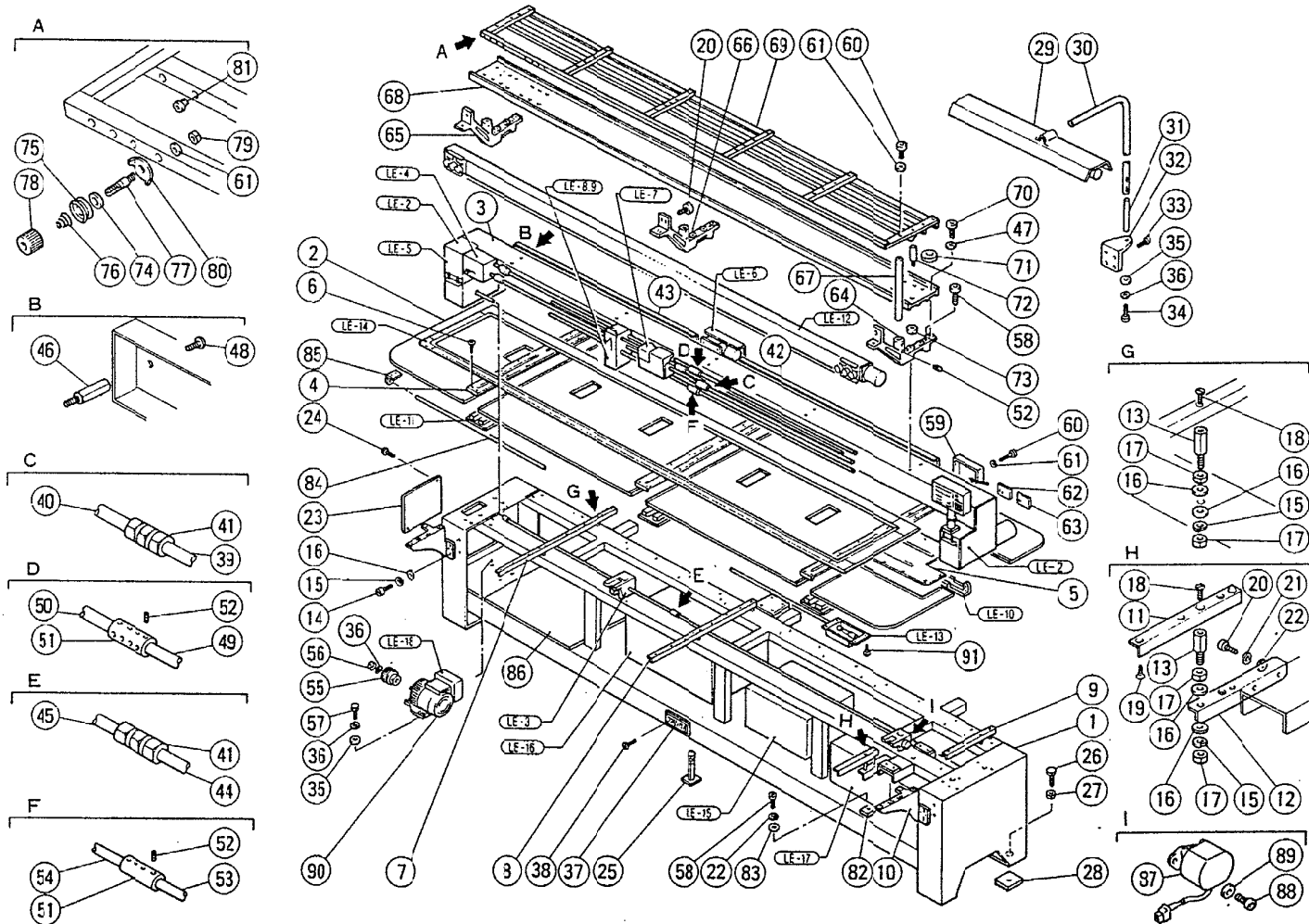
Ex. : TMEF-H612 (450 X 275)S, No. 01234
 [Model] [Emb. Space] [Mfg. No.]

◇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. : The part Number, EF012345####
 4-digit Numbers Machine Type
 0300..... 3-needle machine
 0400..... 4-needle machine
 0600..... 6-needle machine
 0900..... 9-needle machine

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● TMLE BOX	L E — 2
● TMLE ROTARY HOOK BASE	L E — 3
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TMLE GENERAL VIEW LE - 1



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TAJIMA

(8 9 0 6)

TMLE GENERAL VIEW

LE-1

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Stand	LE 080100****		31	Fluorescent Lamp Pipe Support	EF 0813000000	
2	Table	LE 080200****		32	Fluorescent Pipe Base A	EF 0811A00000	
3	Arm Support Square Pipe	LE 080300****		33	Hexagon Socket Head Cap Screw	SS 620620CC00	
4	No.1 Table Lid	EF 080400****		34	High-tensile Hexagon Bolt	SS 931040TN00	
5	No.2 Table Lid	EF 080500****		35	Plain Washer, M10		
6	Countersunk Head Wood Screw, 3.1P*13L			36	Spring Washer, M10		
7	No.1 Table Support	EF 100200****		37	TAJIMA Brand Name Plate	EF 0814000000	
8	No.2 Table Support	EF 100300****		38	Countersunk Head Screw	SS 100412CC00	
9	No.3 Table Support	EF 100400****		39	Needle Bar Drive Shaft A	LE 0804A0****	
10	No.4 Table Support	EF 100500****		40	Needle Bar Drive Shaft B	LE 0804B0****	
11	No.5 Table Support	EF 100600****		41	N-Coupling	N 01501500000	
12	Table Support Bracket R	EG 1005R0****		42	No.1 Wiring Cover	LE 0808A0****	
13	Table Support Stud	EF 1001000000		43	No.2 Wiring Cover	LE 0808B0****	
14	Hexagon Socket Head Cap Screw	SS 620830CC00		44	Rotary Hook Shaft Drive Shaft A	EF 0821A0****	
15	Spring Washer, M8			45	Rotary Hook Shaft Drive Shaft B	EF 0821B0****	
16	Plain Washer, M8			46	Wiring Cover Stud	EF 0817000000	
17	Hexagon Nut, M8			47	Plain Washer, M4		
18	Countersunk Head Screw	SS 110615SC00		48	Truss Head Screw	SM 010906SA00	
19	Round Head Wood Screw, 5.1P*25L			49	Bobbin Rotating Shaft A	LE 0805A0****	
20	Hexagon Socket Head Cap Screw	SS 620615CC00		50	Bobbin Rotating Shaft B	LE 0805B0****	
21	Spring Washer, M6			51	12mm Dia. Joint	CE 0819000000	
22	Plain Washer, M6			52	Porcelain Enameled Set Screw	SS 820608TN00	
23	Counter Gear Box-side Side Plate Cover	EF 0807000000		53	Nipple Lifting Shaft A	LE 0806A0****	
24	Truss Head Screw	SS 010508SD00		54	Nipple Lifting Shaft B	LE 0806B0****	
25	Stand Stud Bolt	EF 0808000000		55	Motor Pulley	EF 0113000000	
26	Adjusting Bolt	EF 0809000000		56	Hexagon Nut, M10*P1.0		
27	Hexagon Nut, M20			57	Hexagon Bolt	SS 931035CC00	
28	Vibration-preventive Base	EF 0810000000		58	Hexagon Socket Head Cap Screw	SS 620630CC00	
29	Fluorescent Lamp	EF 740100****		59	Jump Amp. Zgzag Swing Box	LE 6103000000	
30	Fluorescent Lamp Stand Pipe	EF 0812000000		60	Hexagon Socket Head Cap Screw	SS 620510CC00	

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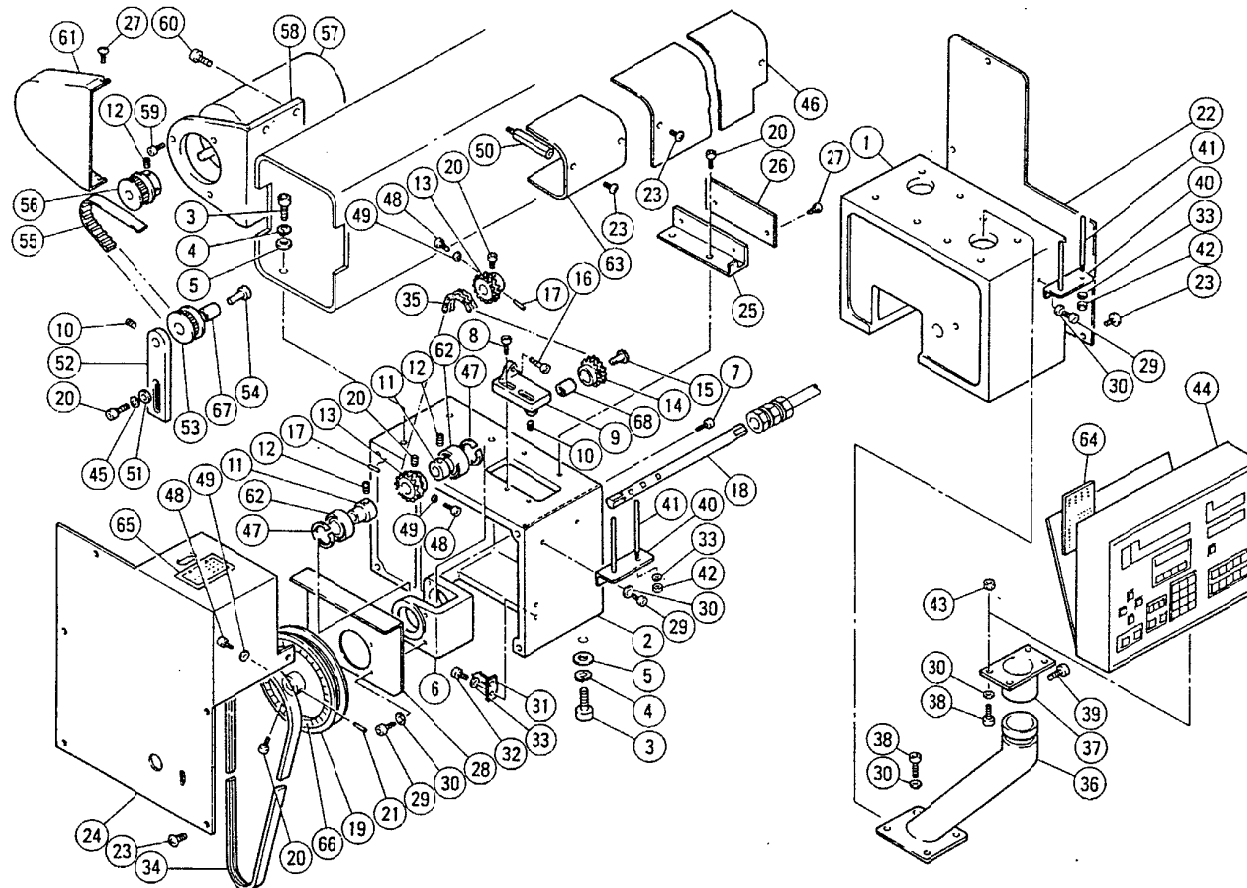
TMLE GENERAL VIEW

LE-1

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
61	Plain Washer, M5			91	Round Head Wood Screw, 4.5P*20L		
62	Jump Amp. Card	EF 6102010000					
63	Zigzag Swing Drive Card	LE 6101000000					
64	Tension Base Bracket	LE 0914000000					
65	Tension Base Bracket A	EF 0923A00000					
66	Tension Base Bracket B	EF 0923B00000					
67	Thread Stand Shaft A	EF 0937A00000					
68	Thread Stand Plate	LE 091100****					
69	Thread Course	LE 091000****					
70	Pan Head Screw	SS 410410SD00					
71	Thread Stand Felt	EF 0940000000					
72	Thread Stand Stud	EF 0939000000					
73	Hexagon Nut, M5						
74	Fet Packing	EF 0904000000					
75	Thread Course Tension Disk	EF 0913000000					
76	Thread Course Tension Spring	EF 0915000000					
77	Thread Course Tension Stud	EF 0914000000					
78	Adjusting Screw	EF 0909000000					
79	Hexagon Nut, 11/64*40						
80	Thread Course Thread Guide	EF 0912000000					
81	Thread Guide	EF 0942000000					
82	Vibration—preventive Rubber A	EF 0833A00000					
83	Vibration—preventive Rubber B	EF 0833B00000					
84	Switch Bar	EF 1109000000					
85	Bar Switch Support	EF 1108000000					
86	Shelf Plate	LE 081600****					
87	Rotary Encoder	EF 6600000000					
88	Hexagon Socket Head Cap Screw	SS 620305CC00					
89	Plain Washer, M3						
90	Main Shaft Motor	EF 6204A0****					

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From the library of: Diamond Needle Corp

TM LE BOX

LE-2

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Main Gear Box	E F 0 1 0 1 0 0 0 0 0 0		31	Angle Pointer	E F 0 1 1 3 0 0 0 0 0 0	
2	Counter Gear Box	L E 0 1 0 1 0 0 0 0 0 0		32	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 5 C C 0 0	
3	Hexagon Socket Head Cap Screw	S S 6 2 1 0 4 0 C C 0 0		33	Plain Washer, M4		
4	Spring Washer, M10			34	Motor Belt	Y J 6 3 9 0 0 0 0 0 0	
5	Plain Washer, M10			35	Roller Chain	Y R S 2 5 0 9 6 0 0 0	
6	No.1 Bearing Case	L E 0 1 0 4 0 0 0 0 0 0		36	Operation Panel Stand Pipe	E F 0 1 1 9 0 0 0 0 0 0	
7	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 5 C C 0 0		37	Operation Panel Stand Bracket	E F 0 1 2 0 0 0 0 0 0	
8	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 C C 0 0		38	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 5 C C 0 0	
9	Tension Shaft Holder	L E 0 1 0 5 0 0 0 0 0 0		39	Hexagon Socket Head Cap Screw	S S 6 2 0 5 0 8 C C 0 0	
10	Porcelain Enameled Set Screw	S S 8 2 0 5 0 6 T N 0 0		40	Bobbin Stand Base	E G 0 1 0 6 0 0 0 0 0 0	
11	15mm Dia. Bearing Case Collar	E F 0 1 0 6 0 0 0 0 0 0		41	Bobbin Stand Shaft	E F 0 1 2 2 0 0 0 0 0 0	
12	Porcelain Enameled Set Screw	S S 8 2 0 6 0 6 T N 0 0		42	Hexagon Nut, M4		
13	15mm Dia. Sprocket	L E 0 1 0 6 0 0 0 0 0 0		43	Hexagon Nut, M5		
14	10mm Dia. Sprocket	L E 0 1 0 7 0 0 0 0 0 0		44	Operation Panel Box	L E 5 2 0 1 A 0 0 0 0 0	
15	Tension Pin	L E 0 1 0 9 0 0 0 0 0 0		45	Spring Washer, M6		
16	Tension Bolt	L E 0 1 1 0 0 0 0 0 0 0		46	Shaft Cover A	L E 0 8 0 9 A 0 0 0 0 0	
17	Taper Pin	Y S 0 5 2 5 N 0 0 0 0 0		47	Stop Ring	H 0 4 2 0 0 0 0 0 0 0	
18	Rotary Hook Shaft Drive Shaft	L E 0 1 0 8 0 0 0 0 0 0		48	Hexagon Socket Head Cap Screw	S S 6 2 0 3 0 5 C C 0 0	
19	Driven Pulley	L E 0 1 1 1 0 0 0 0 0 0		49	Plain Washer, M3		
20	Hexagon Socket Head Cap Screw	S S 6 2 0 6 1 2 C C 0 0		50	Cover Fixing Stud	L E 0 8 1 1 0 0 0 0 0 0	
21	Taper Pin	Y S 0 5 3 5 N 0 0 0 0 0		51	Plain Washer, M6		
22	Main Gear Box Lid	E F 0 1 1 4 0 0 0 0 0 0		52	Tension Bracket	L E 0 4 0 2 0 0 0 0 0 0	
23	Truss Head Screw	S S 0 1 0 5 0 8 S D 0 0		53	Tension Pulley	L E 0 4 0 3 0 0 0 0 0 0	
24	Counter Gear Box Cover	L E 0 4 3 3 0 0 0 0 0 0		54	Tension Pulley Pin	L E 0 4 0 4 0 0 0 0 0 0	
25	Gear Box Angle	L E 0 4 0 5 0 0 0 0 0 0		55	Timing Belt	T 1 0 0 2 0 0 6 6 0 0 0	
26	Box Lower Cover	L E 0 4 0 8 0 0 0 0 0 0		56	No.2 Timing Pulley	C E 0 4 1 9 0 0 0 0 0 0	
27	Truss Head Screw	S M 0 1 0 9 0 6 S A 0 0		57	Pulse (Stepping) Motor	E F 6 4 0 1 0 0 0 0 0 0	
28	Oil Fencing Cover	L E 0 1 1 3 0 0 0 0 0 0		58	Pulse (Stepping) Motor Bracket	C E 0 8 1 1 0 0 0 0 0 0	
29	Hexagon Socket Head Cap Screw	S S 6 2 0 5 0 5 C C 0 0		59	Hexagon Socket Head Cap Screw	S S 6 2 0 3 1 5 C C 0 0	
30	Plain Washer, M5			60	Hexagon Socket Head Cap Screw	S S 6 2 0 3 2 5 C C 0 0	

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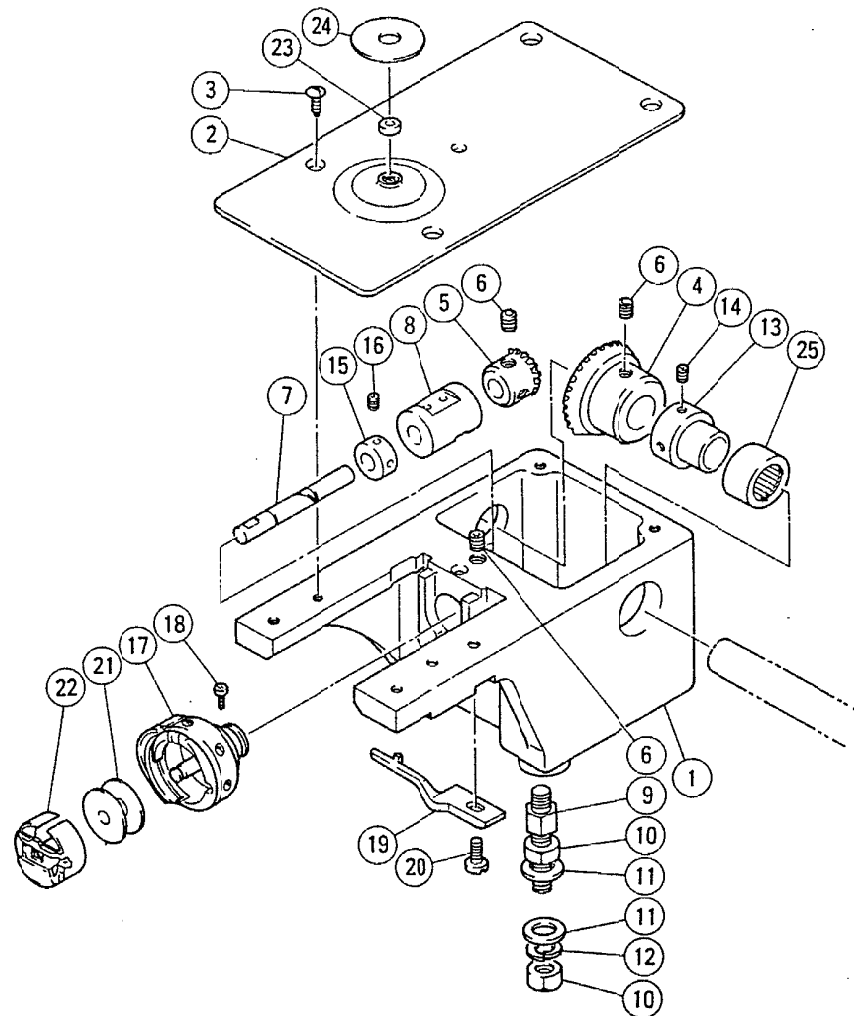
TM LE BOX

LE - 2

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TMLE ROTARY HOOK BASE

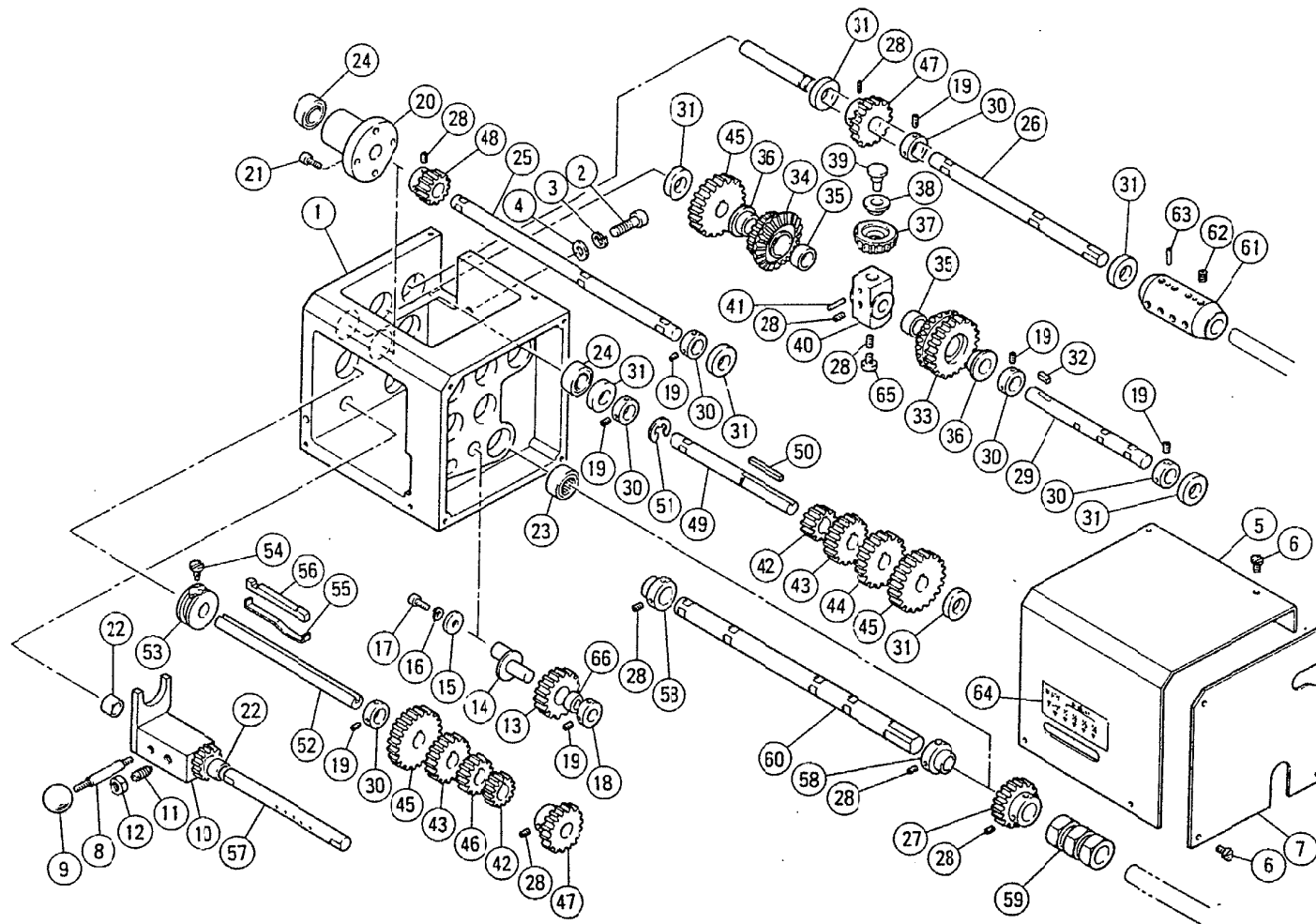
LE - 3

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1A	Rotary Hook Base A	E F 0 2 0 1 A 0 0 0 0 0					
1B	Rotary Hook Base B	E F 0 2 0 1 B 0 0 0 0 0					
2	Needle Plate	E F 0 2 0 2 1 0 * * * *					
3	Needle Plate Set Screw	S M 2 0 1 1 0 8 C A 0 0					
4	Spiral Bevel Gear A	E F 0 2 0 3 0 0 0 0 0 0					
5	Spiral Bevel Gear B	E F 0 2 0 4 0 0 0 0 0 0					
6	Porcelain Enameled Set Screw	S S 8 2 0 6 0 6 T N 0 0					
7	Rotary Hook Shaft	E F 0 2 0 5 0 0 0 0 0 0					
8	Rotary Hook Shaft Bushing	E F 0 2 0 6 0 0 0 0 0 0					
9	Rotary Hook Base Stud	E F 0 2 0 7 0 0 0 0 0 0					
10	Hexagon Nut, M8						
11	Plain Washer (Large), M8						
12	Spring Washer, M8						
13	15mm Dia. Needle Collar	E F 0 2 0 8 0 0 0 0 0 0					
14	Porcelain Enameled Set Screw	S S 8 2 0 5 0 5 T N 0 0					
15	7.94mm Dia. Collar	E F 0 2 0 9 0 0 0 0 0 0					
16	Porcelain Enameled Set Screw	S M 8 2 1 1 0 4 T N 0 0					
17	Rotary Hook	M E 0 5 0 5 0 0 * * * *					
18	Rotary Hook Set Screw	S M 6 0 1 1 0 5 T H 0 0					
19	Rotary Hook Support	E F 0 2 1 0 0 0 * * * *					
20	Rotary Hook Shaft Set Screw	S M 6 0 1 1 0 9 S N 0 0					
21	Bobbin	M E 0 5 0 4 0 0 * * * *					
22	Bobbin Case	M E 0 5 0 3 0 0 * * * *					
23	Needle Plate Hole Collar	E F 0 2 0 2 2 0 0 0 0 0					
24	Needle Plate Hole Seal	E F 0 2 0 2 3 0 0 0 0 0					
25	Needle Bearing	H K 0 1 8 1 2 0 0 0 0 0					

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TMLE M - AXIS GEAR BOX LE - 4



From the library of: Diamond Needle Corp

TAJIMA

(8 9 0 6)

TMLE M – AXIS GEAR BOX

LE – 4

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Gear Box	LE 0 4 0 1 0 0 0 0 0 0		31	12mm Dia. Spacer	LE 0 4 4 0 0 0 0 0 0	
2	Hexagon Socket Head Cap Screw	SS 6 2 0 8 2 5 C C 0 0		32	32T Gear Fixing Key	YS 5 M 4 M 1 0 0 0 0 0	
3	Spring Washer, M8			33	Bevel Gear A	LE 0 4 4 1 0 0 0 0 0 0	
4	Plain Washer, M8			34	Bevel Gear B	LE 0 4 4 2 0 0 0 0 0 0	
5	Gear Box Cover	LE 0 4 0 6 0 0 0 0 0 0		35	Bushing B	LE 0 4 4 3 0 0 0 0 0 0	
6	Truss Head Screw	SM 0 1 0 9 0 6 S A 0 0		36	Bushing A	LE 0 4 4 4 0 0 0 0 0 0	
7	Gear Box Side Cover	LE 0 4 0 7 0 0 0 0 0 0		37	Middle Bevel Gear	LE 0 4 4 5 0 0 0 0 0 0	
8	Slide Lever	LE 0 4 0 9 0 0 0 0 0 0		38	Bushing C	LE 0 4 4 6 0 0 0 0 0 0	
9	Slide Lever Grip	LE 0 4 1 0 0 0 0 0 0 0 0		39	Gear Shaft	LE 0 4 4 7 0 0 0 0 0 0	
10	Slide Block	LE 0 4 1 1 0 0 0 0 0 0		40	Attaching Base	LE 0 4 4 8 0 0 0 0 0 0	
11	Ball Plunger	BP 0 8 0 0 0 0 0 0 0 0		41	Spring Pin, 4P*20L		
12	Hexagon Nut, M8			42	16T Gear A	LE 0 4 4 9 0 0 0 0 0 0	
13	Middle Gear	LE 0 4 1 2 0 0 0 0 0 0		43	30T Gear	LE 0 4 5 0 0 0 0 0 0	
14	Middle Gear Pin	LE 0 4 1 3 0 0 0 0 0 0		44	20T Gear	LE 0 4 5 1 0 0 0 0 0 0	
15	Middle Gear Pin Washer	LE 0 4 1 8 0 0 0 0 0 0		45	32T Gear	LE 0 4 5 2 0 0 0 0 0 0	
16	Spring Washer, M6			46	24T Gear A	LE 0 4 5 3 0 0 0 0 0 0	
17	Hexagon Socket Head Cap Screw	SS 6 2 0 6 1 2 C C 0 0		47	24T Gear B	LE 0 4 5 4 0 0 0 0 0 0	
18	10mm Dia. Collar	EF 0 9 2 4 0 0 0 0 0 0		48	16T Gear B	LE 0 4 5 5 0 0 0 0 0 0	
19	Porcelain Enameled Set Screw	SS 8 2 0 4 0 5 T N 0 0		49	Driven Shaft	LE 0 4 5 6 0 0 0 0 0 0	
20	Shaft Attaching Base	LE 0 4 2 3 0 0 0 0 0 0		50	Driven Shaft Fixing Key	YS 5 M 4 M 4 0 0 0 0 0	
21	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 5 C C 0 0		51	E – Ring, E – 10		
22	Dry Bearing	MB 0 1 2 1 5 D U 0 0 0		52	Drive Shaft	LE 0 4 5 7 0 0 0 0 0 0	
23	Needle Bearing	T L A 0 1 8 1 2 0 0 0 0		53	Key Base	LE 0 4 5 8 0 0 0 0 0 0	
24	Ball Bearing	6 9 0 1 0 0 0 0 0 0 0 0		54	Key Fixing Screw	LE 0 4 5 9 0 0 0 0 0 0	
25	Directioning Driven Shaft	LE 0 4 1 5 0 0 0 0 0 0		55	Key Fixing Spring	LE 0 4 6 0 0 0 0 0 0	
26	M – axis Drive Shaft	LE 0 4 1 4 0 0 0 0 0 0		56	Drive Key	LE 0 4 6 1 0 0 0 0 0 0	
27	24T Gear (15mm Dia.)	LE 0 4 1 9 0 0 0 0 0 0		57	Positioning Shaft	LE 0 4 6 2 0 0 0 0 0 0	
28	Porcelain Enameled Set Screw	SS 8 2 0 5 0 5 T N 0 0		58	15mm Dia. Needle Collar	EF 0 2 0 8 0 0 0 0 0 0	
29	Middle Shaft	LE 0 4 3 8 0 0 0 0 0 0		59	N – Coupling	N 0 1 5 0 1 5 0 0 0 0 0	
30	12mm Dia. Collar	LE 0 4 3 9 0 0 0 0 0 0		60	Needle Bar Drive Shaft	LE 0 4 1 7 0 0 0 0 0 0	

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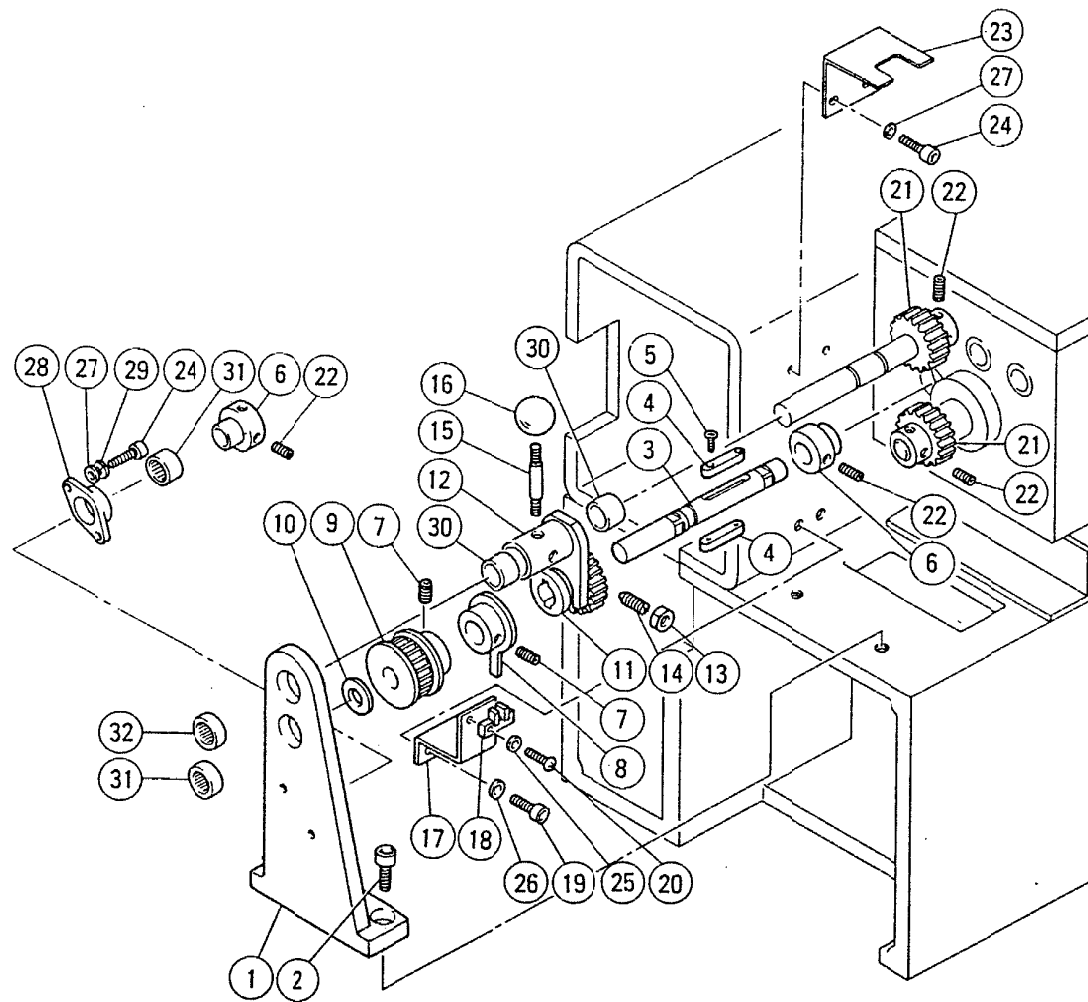
Note: As for the parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

LE - 4

[illegible]

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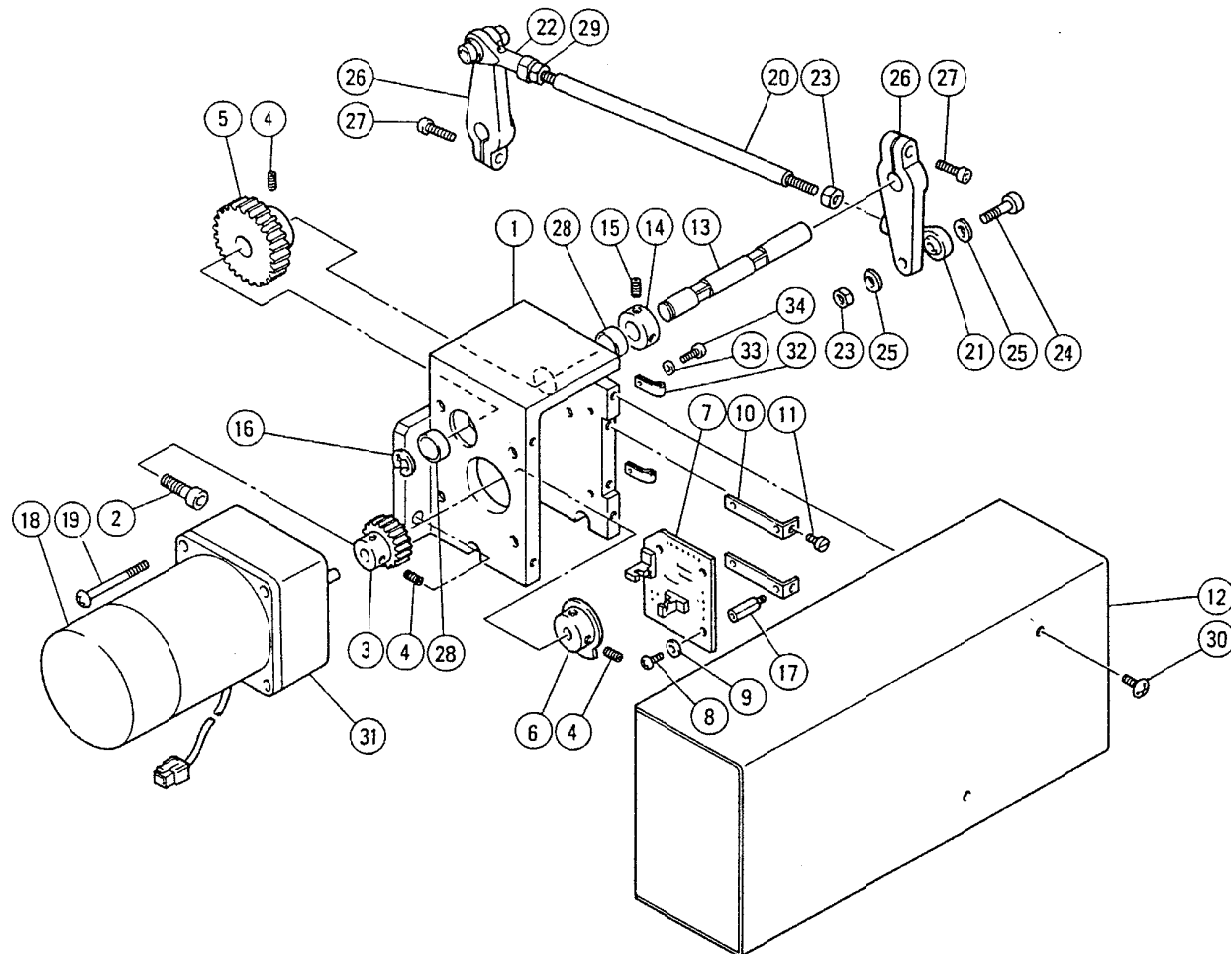
TMLE M – AXIS SWITCHING SYSTEM

LE – 5

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Bearing Case Stand	LE 0 4 3 4 0 0 0 0 0 0		31	Needle Bearing	TLA 0 1 8 1 2 0 0 0 0	
2	Hexagon Socket Head Cap Screw	SS 6 2 0 8 2 0 C C 0 0		32	Needle Bearing	TA 0 1 2 1 2 0 0 0 0 0	
3	Directioning Drive Shaft	LE 0 4 2 4 0 0 0 0 0 0					
4	Drive Shaft Key	LE 0 4 2 5 0 0 0 0 0 0					
5	Countersunk Head Screw	SM 1 0 0 6 0 8 C C 0 0					
6	15mm Dia. Needle Collar	EF 0 2 0 8 0 0 0 0 0 0					
7	Porcelain Enameled Set Screw	SS 8 2 0 6 0 6 T N 0 0					
8	Base Point Sensor	LE 0 4 3 1 0 0 0 0 0 0					
9	No.2 Timing Pulley	CE 0 4 1 9 0 0 0 0 0 0					
10	15mm Dia. Spacer	LE 0 4 2 9 0 0 0 0 0 0					
11	Switching Drive Gear	LE 0 4 2 6 0 0 0 0 0 0					
12	Change Block	LE 0 4 2 8 0 0 0 0 0 0					
13	Hexagon Nut, M8						
14	Ball Plunger	BP 0 8 0 0 0 0 0 0 0 0					
15	Slide Lever	LE 0 4 0 9 0 0 0 0 0 0					
16	Slide Lever Grip	LE 0 4 1 0 0 0 0 0 0 0					
17	Sensor Bracket	LE 0 4 2 7 0 0 0 0 0 0					
18	Photo-interrupter Assembly	LE 6 6 0 1 0 0 0 0 0 0					
19	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 0 C C 0 0					
20	Pan Head Screw	SS 4 1 0 3 1 0 SE 0 0					
21	24T Gear B	LE 0 4 5 4 0 0 0 0 0 0					
22	Porcelain Enameled Set Screw	SS 8 2 0 5 0 5 T N 0 0					
23	Lever Stopper	LE 0 4 3 0 0 0 0 0 0 0					
24	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 5 C C 0 0					
25	Plain Washer, M3						
26	Plain Washer, M4						
27	Plain Washer, M5						
28	Shaft Attaching Base	LE 0 4 2 3 0 0 0 0 0 0					
29	Spring Washer, M5						
30	Dry Bearing	MB 0 1 2 1 0 D U 0 0 0					

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From the library of: Diamond Needle Corp

TMLE NIPPLE LEFTING GEAR BOX

LE-6

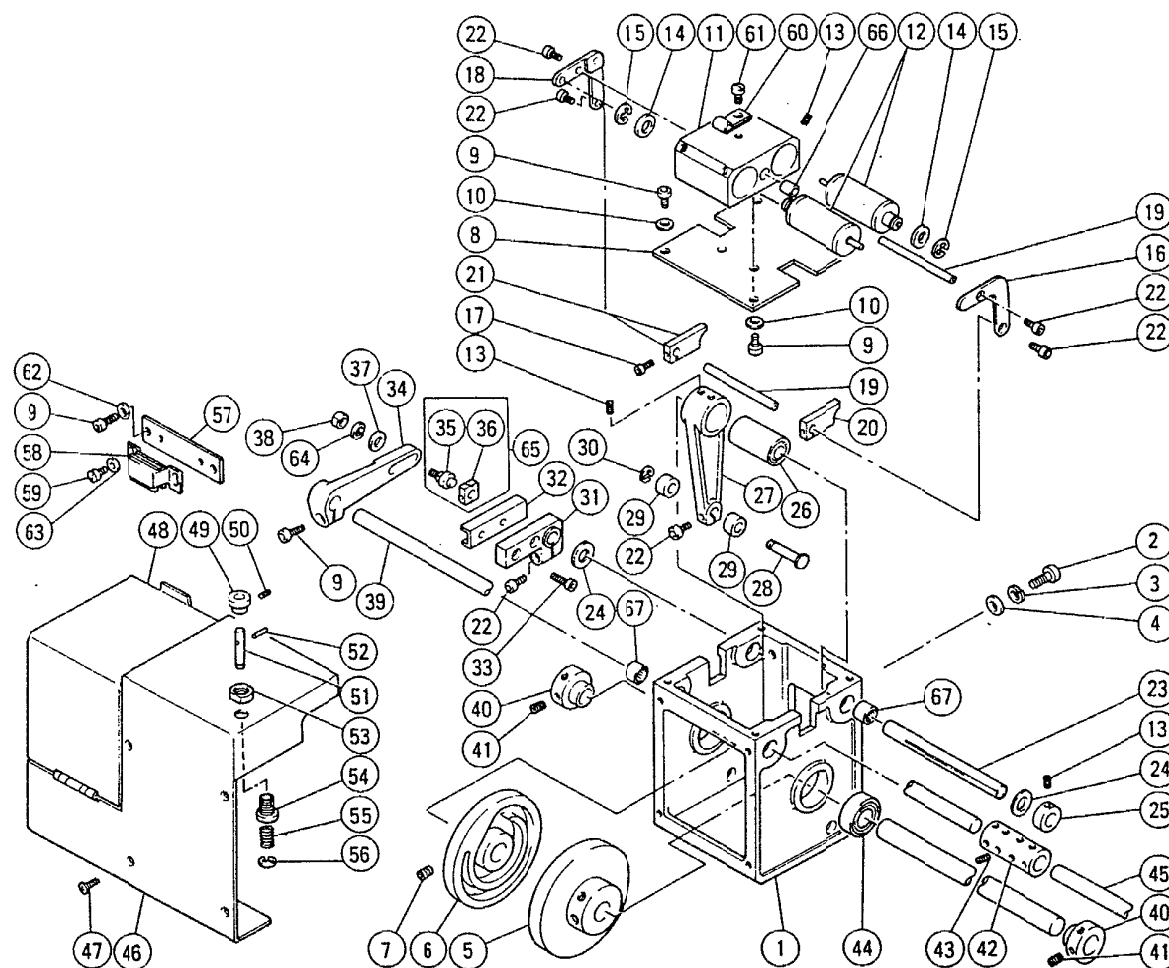
Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Nipple Lifting Gear Box	LE 0 6 0 1 0 0 0 0 0 0		31	Gear Head	4 G K 1 8 0 K 0 0 0 0 0	
2	Hexagon Socket Head Cap Screw	SS 6 2 0 8 2 0 C C 0 0		32	Corc Cramp		
3	Nipple Lifting Drive Gear	LE 0 6 0 2 0 0 0 0 0 0		33	Plain Washer, M5		
4	Porcelain Enameled Set Screw	SS 8 2 0 5 0 5 T N 0 0		34	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 5 C C 0 0	
5	Nipple Lifting Driven Gear	LE 0 6 0 3 0 0 0 0 0 0					
6	Switch Collar	LE 0 6 0 4 0 0 0 0 0 0					
7	Position Detecting Card	LE 6 1 0 2 0 0 0 0 0 0					
8	Pan Head Screw	SS 4 1 0 3 0 5 SE 0 0					
9	Plain Washer, M3						
10	Card (PC Board) Stay	LE 0 6 0 6 0 0 0 0 0 0					
11	Flat Fillister Head Screw	SM 6 0 0 9 0 5 SA 0 0					
12	Gear Box Cover	LE 0 6 0 7 0 0 0 0 0 0					
13	12mm Dia Shaft	LE 0 6 0 8 0 0 0 0 0 0					
14	12mm Dia. Collar	LE 0 4 3 9 0 0 0 0 0 0					
15	Porcelain Enameled Set Screw	SS 8 2 0 4 0 5 T N 0 0					
16	E-Ring, E-10						
17	Stud Bolt	LE 0 6 0 9 0 0 0 0 0 0					
18	Reversible Motor	LE 9 1 0 1 0 0 0 0 0 0					
19	Pan Head Screw	SS 4 1 0 5 6 0 SD 0 0					
20	Connecting Rod	LE 0 6 1 1 0 0 0 0 0 0					
21	Rod End Bearing Case	PHS 0 6 R 0 0 0 0 0 0					
22	Rod End Bearing Case	PHS 0 6 L 0 0 0 0 0 0					
23	Hexagon Nut, M6						
24	Hexagon Socket Head Cap Screw	SS 6 2 0 6 2 5 C C 0 0					
25	Plain Washer, M6						
26	Drive Arm	LE 0 6 1 0 0 0 0 0 0 0					
27	Hexagon Socket Head Cap Screw	SS 6 2 0 6 1 5 C C 0 0					
28	Dry Bearing	MB 0 1 2 0 6 D U 0 0 0					
29	Hexagon Nut, Counterclockwise, M6						
30	Truss Head Screw	SM 0 1 0 9 0 6 SA 0 0					

From the library of: Diamond Needle Corp

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TMLE ZIGZAG SWING CAM BOX

LE-7



From the library of: Diamond Needle Corp

TAJIMA

(8 9 0 6)

TMLE ZIGZAG SWING CAM BOX

LE-7

Ref.No.	Description	Part No.	Ref.No.	Description	Part No.
1	Cam Box	LE 0 2 0 1 0 0 0 0 0 0	31	Zigzag Swing Drive Lever	LE 0 2 1 1 0 0 0 0 0 0
2	Hexagon Socket Head Cap Screw	SS 6 2 0 8 2 5 C C 0 0	32	Square Box	LE 0 2 1 6 0 0 0 0 0 0
3	Spring Washer, M8		33	Flat Fillister Head Screw	SM 6 0 0 9 1 2 C C 0 0
4	Plain Washer, M8		34	Zigzag Swing Driven Lever	LE 0 2 1 2 0 0 0 0 0 0
5	Zigzag Swing Cam R	LE 0 2 0 3 R 0 0 0 0 0	35	Lever Pin	LE 0 2 1 3 0 0 0 0 0 0
6	Zigzag Swing Cam L	LE 0 2 0 3 L 0 0 0 0 0	36	Square Roller	LE 0 2 1 5 0 0 0 0 0 0
7	Porcelain Enameled Set Screw	SS 8 2 0 6 0 8 T N 0 0	37	Plain Washer, M6	
8	Box Top Lid	LE 0 2 0 2 0 0 0 0 0 0	38	Hexagon Nut, M6	
9	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 0 C C 0 0	39	Zigzag Swing Connecting Shaft B	LE 0 8 0 7 B 0 * * * *
10	Spring Washer, M5		40	15mm Dia. Needle Collar	LE 0 2 0 8 0 0 0 0 0 0
11	Solenoid Base	LE 0 2 0 4 0 0 0 0 0 0	41	Porcelain Enameled Set Screw	SS 8 2 0 5 0 5 T N 0 0
12	Solenoid	LE 6 8 0 1 0 0 0 0 0 0	42	10mm Dia. Joint	EF 0 8 2 6 0 0 0 0 0 0
13	Porcelain Enameled Set Screw	SS 8 2 0 4 0 4 T N 0 0	43	Porcelain Enameled Set Screw	SS 8 2 0 4 0 5 T N 0 0
14	Urethane Ring, 11P		44	Needle Bearing	HK 0 1 8 1 2 0 0 0 0 0
15	E-Ring, E-10		45	Zigzag Swing Connecting Shaft A	LE 0 8 0 7 A 0 * * * *
16	Solenoid Connecting Plate R	LE 0 2 0 5 R 0 0 0 0 0	46	Cam Box Cover A	LE 0 2 2 3 A 0 * * * *
17	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 2 C C 0 0	47	Truss Head Screw	SM 0 1 0 9 0 6 S A 0 0
18	Solenoid Connecting Plate L	LE 0 2 0 5 L 0 0 0 0 0	48	Cam Box Cover B	LE 0 2 2 3 B 0 * * * *
19	Connecting Plate Stay	LE 0 2 0 6 0 0 0 0 0 0	49	Clutch Knurled Screw	EF 0 5 3 9 0 0 0 0 0 0
20	Cam Lever Connecting Plate R	LE 0 2 0 7 R 0 0 0 0 0	50	Porcelain Enameled Set Screw	SS 8 2 0 3 0 3 T N 0 0
21	Cam Lever Connecting Plate L	LE 0 2 0 7 L 0 0 0 0 0	51	Solenoid Lever Stop Pin	LE 0 2 1 8 0 0 0 0 0 0
22	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 0 C C 0 0	52	Spring Pin, 2P*10L	
23	Spine Shaft	LE 0 2 1 4 0 0 0 0 0 0	53	Nut, M10	
24	Thrust Washer	TW 0 1 2 0 0 0 0 0 0 0	54	Pin Holder	LE 0 2 1 9 0 0 0 0 0 0
25	10mm Dia. Collar	EF 0 9 2 4 0 0 0 0 0 0	55	Stop Pin Spring	LE 0 2 1 7 0 0 0 0 0 0
26	LM Ball	LM T 0 1 0 U U 0 0 0 0	56	E-Ring, E-5	
27	Cam Lever	LE 0 2 0 8 0 0 0 0 0 0	57	Latch Attaching Plate	LE 0 2 2 0 0 0 0 0 0 0
28	Cam Roller Fin	LE 0 2 0 9 0 0 0 0 0 0	58	Magnet Latch	SM 4 0 0 0 0 0 0 0 0 0
29	Cam Roller	LE 0 2 1 0 0 0 0 0 0 0	59	Pan Head Screw	SS 4 1 0 3 0 4 S D 0 0
30	Stopper Ring	LE 0 2 2 2 0 0 0 0 0 0	60	Cord Cramp	

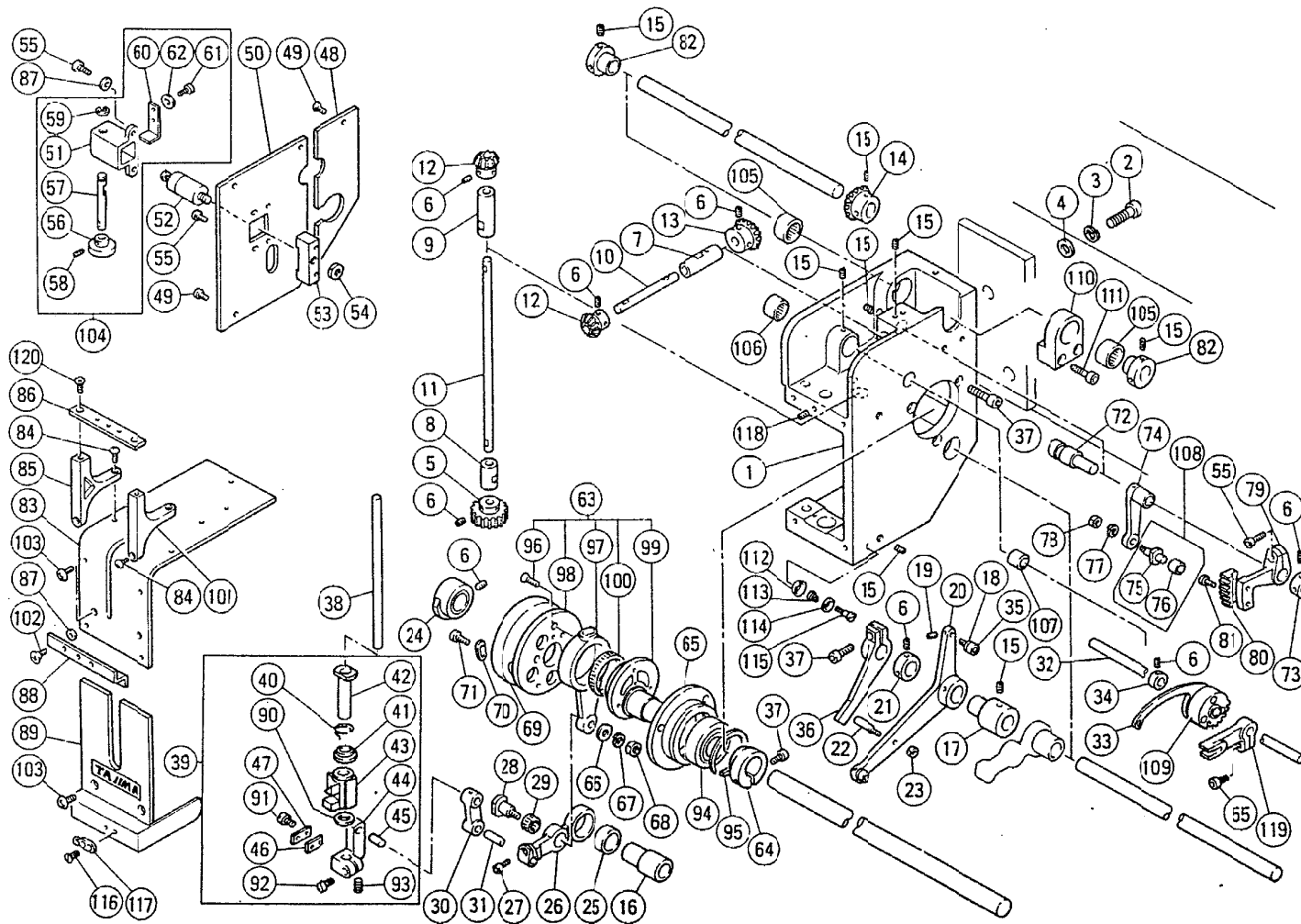
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LE - 7

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From the library of: Diamond Needle Corp

TAJIMA

(8906)

TMLE ARM I

LE-8

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Arm	LE 0 5 0 1 0 0 0 0 0 0		31	No.3 Pin	EF 0 5 1 1 0 0 0 0 0 0	
2	Hexagon Socket Head Cap Screw	SS 6 2 0 8 3 0 C C 0 0		32	Zigzag Swing Connecting Shaft	LE 0 8 0 7 0 0 * * * *	
3	Spring Washer, M8			33	Take-up Lever	EF 0 6 0 4 0 0 0 0 0 0	
4	Plain Washer, M8			34	Take-up Lever Adjusting Collar	LE 0 5 6 0 0 0 0 0 0 0	
5	Vertical Shaft Gear	LE 0 5 0 2 0 0 0 0 0 0		35	Cam Roller	CE 0 1 1 6 2 0 0 0 0 0	
6	Porcelain Enameled Set Screw	SS 8 2 0 4 0 4 T N 0 0		36	Nipple Lifting Lever	LE 0 5 2 2 0 0 0 0 0 0	
7	Arm Shaft Bushing	LE 0 5 0 3 0 0 0 0 0 0		37	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 0 C C 0 0	
8	Vertical Shaft Bushing, Lower	LE 0 5 0 4 0 0 0 0 0 0		38	Needle Bar Drive Shaft	LE 0 5 2 3 1 0 0 0 0 0	
9	Vertical Shaft Bushing, Upper	LE 0 5 0 5 0 0 0 0 0 0		39	Jumping Parts Set	EF 0 5 3 2 S 0 0 0 0 0	
10	Arm Shaft	LE 0 5 0 6 0 0 0 0 0 0		40	Jump Spring	EF 0 5 3 0 0 0 0 0 0 0	
11	Vertical Shaft	LE 0 5 0 7 0 0 0 0 0 0		41	Spring Cradle	EF 0 5 3 1 0 0 0 0 0 0	
12	Spiral Bevel Gear C	LE 0 5 9 2 0 0 0 0 0 0		42	Needle Bar Drive Shaft Bushing	EF 0 5 2 9 0 0 0 0 0 0	
13	Spiral Bevel Gear B	CE 0 1 2 5 0 0 0 0 0 0		43	Needle Bar Reciprocator	EF 0 5 3 2 0 0 0 0 0 0	
14	Spiral Bevel Gear A	CE 0 1 2 4 0 0 0 0 0 0		44	Needle Bar Reciprocator Slide Block	EF 0 5 2 8 0 0 0 0 0 0	
15	Porcelain Enameled Set Screw	SS 8 2 0 5 0 5 T N 0 0		45	No.4 Pin	EF 0 5 1 2 0 0 0 0 0 0	
16	Needle Bar Drive Lever Shaft Holder	LE 0 5 0 8 0 0 0 0 0 0		46	Stopper Bracket	EF 0 5 3 4 0 0 0 0 0 0	
17	Nipple Drive Lever Shaft Holder	LE 0 5 0 9 0 0 0 0 0 0		47	Stopper	EF 0 5 3 3 0 0 0 0 0 0	
18	Roller Pin A	CE 0 1 1 6 1 0 0 0 0 0		48	Arm Side Cover, Rear	LE 0 5 2 7 0 0 0 0 0 0	
19	Porcelain Enameled Set Screw	SM 8 2 0 8 0 2 T N 0 0		49	Round Countersunk Head Screw	SM 2 0 0 9 0 6 S D 0 0	
20	Nipple Drive Lever	LE 0 5 1 0 0 0 0 0 0 0		50	Arm Side Cover, Front	LE 0 5 8 7 0 0 0 0 0 0	
21	12mm Dia. Collar	LE 0 4 3 9 0 0 0 0 0 0		51	Solenoid Cover	EF 0 5 3 8 0 0 0 0 0 0	
22	Nipple Lifting Pin	LE 0 5 1 4 0 0 0 0 0 0		52	Solenoid	EF 6 8 0 1 0 0 0 0 0 0	
23	Hexagon Nut, M5			53	Solenoid Bracket	LE 0 5 1 7 0 0 0 0 0 0	
24	Nipple Drive Cam	LE 0 5 1 3 0 0 0 0 0 0		54	Hexagon Nut, M9*P0.75		
25	Needle Bar Drive Lever Bushing	LE 0 5 1 5 0 0 0 0 0 0		55	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 0 C C 0 0	
26	Needle Bar Driver	LE 0 5 1 6 0 0 0 0 0 0		56	Clutch Knurled Screw	EF 0 5 3 9 0 0 0 0 0 0	
27	Flat Fillister Head Screw	SM 6 0 0 9 0 7 C C 0 0		57	Clutch Pin	EF 0 5 4 0 0 0 0 0 0 0	
28	No.1 Pin	EF 0 5 0 9 0 0 0 0 0 0		58	Porcelain Enameled Set Screw	SS 8 2 0 3 0 3 T N 0 0	
29	Needle Cage	KT 0 8 1 1 8 0 0 0 0 0		59	E-Ring, E-5		
30	Needle Bar Drive Connecting Rod	EF 0 5 1 3 0 0 0 0 0 0		60	Stopper Plate Spring	EF 0 5 4 1 0 0 0 0 0 0	

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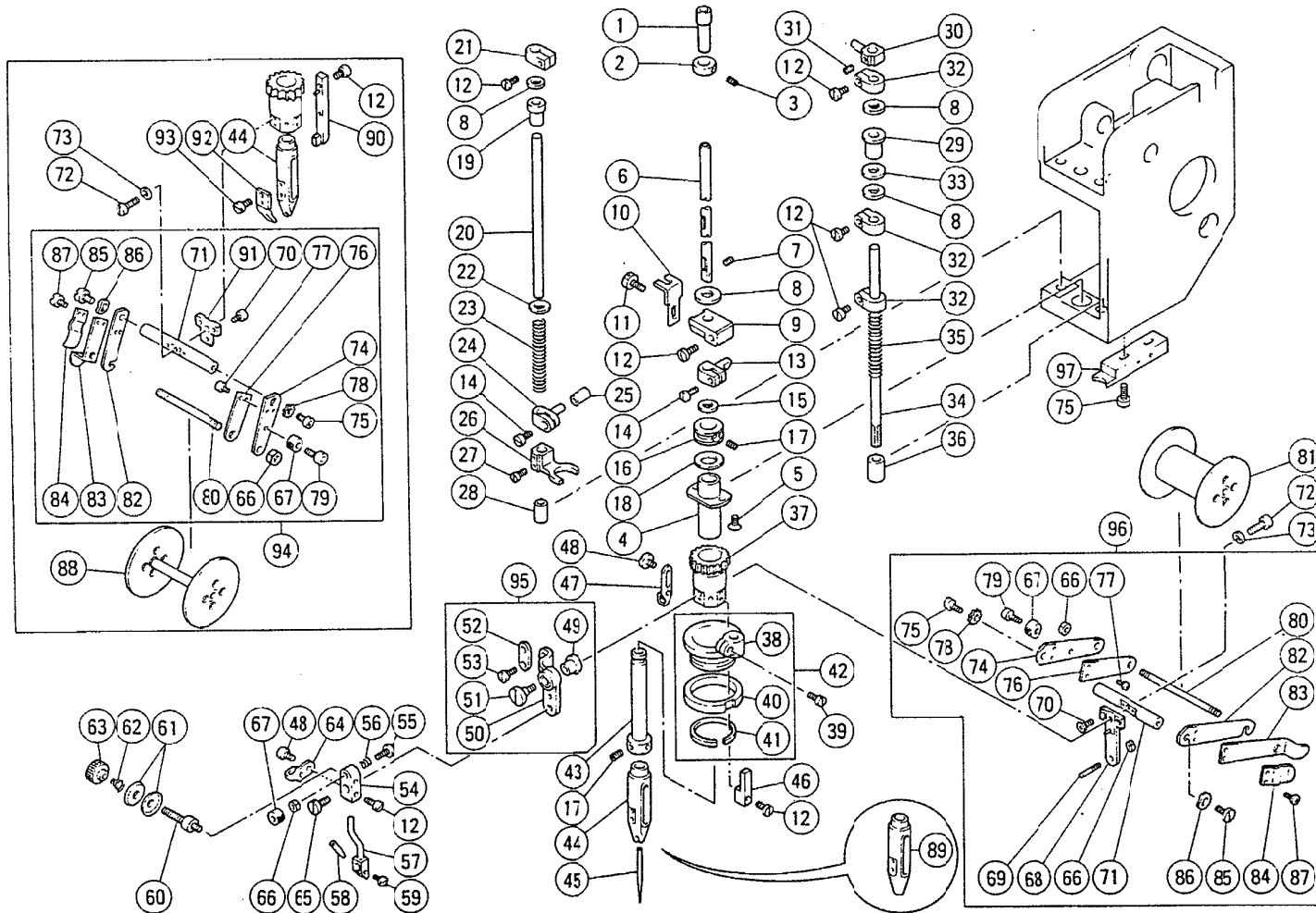
TMLE ARM I

LE-8

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
61	Pan Head Screw	SS410304CD00		91	Flat Fillister Head Screw	SM600805CC00	
62	Plain Washer,M3			92	Flat Fillister Head Screw	SM600910CC00	
63	Needle Bar Driver Set	EF0504S00000		93	Flat Fillister Head Screw, 11/64*11.5L		
64	Needle Bar Cam Tightening Collar	EF0508000000		94	Ball Bearing	6004ZZ000000	
65	Bearing Case	LE0586000000		95	Stop Ring, 42		
66	Plain Washer,M6			96	Countersunk Head Screw	SM100910SC00	
67	Spring Washer, M6			97	Connecting Rcd	EF0505000000	
68	Hexagon Nut, M6			98	Take-up Lever Cam Base	EF0507000000	
69	Take-up Lever Drive Cam	EF0506000000		99	Needle Bar Drive Cam	EF0504000000	
70	Cam Washer	EF0522000000		100	Needle Cage	K03841180000	
71	Hexagon Socket Head Cap Screw	SS620406CC00		101	Upper Thread Guide Bracket R	EF0632R00000	
72	Take-up Lever Drive Lever Pin	EF0518000000		102	Round Countersunk Head Screw	SM200304SD00	
73	7.94mm Dia. Collar	EF0209000000		103	Truss Head Screw	SM010906SD00	
74	Take-up Lever Drive Lever A	EF0515000000		104	Solenoid Cover Set	EF0538S00000	
75	Cam Roller Pin	LE0511000000		105	Needle Bearing	TLA015120000	
76	Cam Roller	LE0512000000		106	Needle Bearing	TA0101500000	
77	Spring Washer, M4			107	Dry Bearing	MB01006DU000	
78	Hexagon Nut, M4			108	Cam Roller Set	LE0512S00000	
79	Take-up Lever Drive Lever B	EF0516000000		109	Take-up Lever Gear	LE0589000000	
80	Take-up Lever Drive Gear	EF0517000000		110	Sub Bearing Case	LE0539000000	
81	Pan Head Screw	SS410308SD00		111	Hexagon Socket Head Cap Screw	SS620520CC00	
82	12mm Dia. Needle Collar	CE0127000000		112	Thread Suspender Disk	EF0637000000	
83	Top Cover	LE0588000000		113	Thread Suspender Spring	EF0639000000	
84	Pan Head Screw	SS410305SD00		114	Thread Suspender Spring Presser	EF0638000000	
85	Upper Thread Guide Bracket L	EF0632L00000		115	Thread Suspender Attaching Screw	EF0636000000	
86	Upper Thread Guide	EF0628000000		116	Countersunk Head Screw	SM100903SA00	
87	Plain Washer, M4			117	Thread Guide	LE0596000000	
88	Middle Thread Guide	EF0629000000		118	Set Screw	SM800906TN00	
89	Zigzag Swing Front Cover	LE0590000000		119	Arm Interlocking Lever	LE0553000000	
90	Reciprocator Spacer	EF0554000000		120	Countersunk Head Screw	SS110306SD00	

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From the library of: Diamond Needle Corp

TAJIMA

(8906)

TM LE ARM II

LE - 9

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Upper Needle Bar Bushing	LE 0 5 1 9 0 0 0 0 0 0		31	Set Screw	S M 8 0 1 1 0 5 T N 0 0	
2	Bushing Stopper	LE 0 5 2 0 0 0 0 0 0 0		32	Upper Dead Point Stopper	E F 0 6 1 7 0 0 0 0 0 0	
3	Set Screw	S M 8 0 1 1 0 3 T N 0 0		33	Plain Washer, M6		
4	Nipple Sleeve	LE 0 5 2 8 0 0 0 0 0 0		34	Zigzag Swing Guide Shaft	LE 0 5 4 9 0 0 0 0 0 0	
5	Countersunk Head Screw	S S 1 1 0 3 0 7 S D 0 0		35	Guide Shaft Balancer Spring	LE 0 5 5 2 0 0 0 0 0 0	
6	Needle Bar	LE 0 5 3 7 1 0 0 0 0 0		36	Guide Shaft Bushing, Lower	LE 0 5 5 1 0 0 0 0 0 0	
7	Porcelain Enameled Set Screw	S M 8 2 0 8 0 2 T N 0 0		37	Bobbin Rotating Bushing	LE 0 5 3 8 0 0 0 0 0 0	
8	Urethane Ring	W U 7 5 0 1 2 0 2 0 0 0		38	Fixing Guide Ring	LE 0 5 5 4 0 0 0 0 0 0	
9	Upper Dead Point Stopper	LE 0 5 3 6 0 0 0 0 0 0		39	Flat Fillister Head Screw	S M 6 0 0 9 0 5 C C 0 0	
10	Nipple Spring Presser	LE 0 5 3 3 0 0 0 0 0 0		40	Rotating Ring	LE 0 5 5 5 0 0 0 0 0 0	
11	Spring Presser Fixing Screw	LE 0 5 3 4 0 0 0 0 0 0		41	Concentric Stopper Ring	N R 0 3 0 0 0 0 0 0 0 0	
12	Flat Fillister Head Screw	S M 6 0 0 9 0 9 C C 0 0		42	Rotating Ring Set	LE 0 5 5 5 S 0 0 0 0 0	
13	Needle Bar Connecting Stud	LE 0 5 2 4 0 0 0 0 0 0		43	Nipple Guide Pipe	LE 0 5 2 9 1 0 0 0 0 0	
14	Flat Fillister Head Screw	S M 6 0 0 9 0 7 C C 0 0		44	Nipple B	LE 0 5 3 0 B 0 0 0 0 0	
15	Needle Bar Felt Packing	LE 0 5 3 7 2 0 0 0 0 0		45	Needle	D B 0 K 5 0 1 4 * * * *	
16	Nipple Ring	LE 0 5 3 1 0 0 0 0 0 0		46	Ring Rotating Pawl	LE 0 5 5 6 0 0 0 0 0 0	
17	Set Screw. 11/64*40*2.8			47	Cord Pilot	LE 0 5 9 3 0 0 0 0 0 0	
18	Nipple Felt Packing	LE 0 5 2 9 2 0 0 0 0 0		48	Round Fillister Head Screw	S M 7 0 0 9 0 4 S A 0 0	
19	Nipple Guide Shaft Bushing, Upper	LE 0 5 7 3 0 0 0 0 0 0		49	Zigzag Swirg Lever Pin	LE 0 5 4 2 0 0 0 0 0 0	
20	Nipple Guice Shaft	LE 0 5 2 1 1 0 0 0 0 0		50	Zigzag Swirg Lever	LE 0 5 4 5 0 0 0 0 0 0	
21	Nipple Height Adjusting Collar	LE 0 5 3 5 0 0 0 0 0 0		51	Boss Set Screw	LE 0 5 4 1 0 0 0 0 0 0	
22	Spring Stopper	LE 0 5 2 1 2 0 0 0 0 0		52	Connecting Rod	LE 0 5 5 7 0 0 0 0 0 0	
23	Presser Foot Spring	LE 0 5 7 8 0 0 0 0 0 0		53	Connecting Rod Pin	LE 0 5 5 9 0 0 0 0 0 0	
24	Nipple Guide Shaft Connecting Stud	LE 0 5 2 5 0 0 0 0 0 0		54	Guide Base	LE 0 5 4 0 0 0 0 0 0 0	
25	Silencing Packing	C E 0 2 3 4 0 0 0 0 0 0		55	Base Stop Pin	LE 0 5 4 7 0 0 0 0 0 0	
26	Nipple Stroke Arm	LE 0 5 3 2 0 0 0 0 0 0		56	Stop Pin Spring	LE 0 5 4 8 0 0 0 0 0 0	
27	Flat Fillister Head Screw	S M 6 0 1 1 0 8 C C 0 0		57	Guide Attaching Arm	LE 0 5 4 6 0 0 0 0 0 0	
28	Nipple Guide Shaft Bushing, Lower	LE 0 5 9 9 0 0 0 0 0 0		58	Cord Guide	LE 0 5 3 8 A 0 * * * *	
29	Guide Shaft Bushing, Upper	LE 0 5 5 0 0 0 0 0 0 0		59	Flat Fillister Head Screw	S M 6 0 0 6 0 5 C A 0 0	
30	Guide Shaft Drive Pin	LE 0 5 5 2 0 0 0 0 0 0		60	Tension Stud	LE 0 5 6 4 0 0 0 0 0 0	

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Note:As for the parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

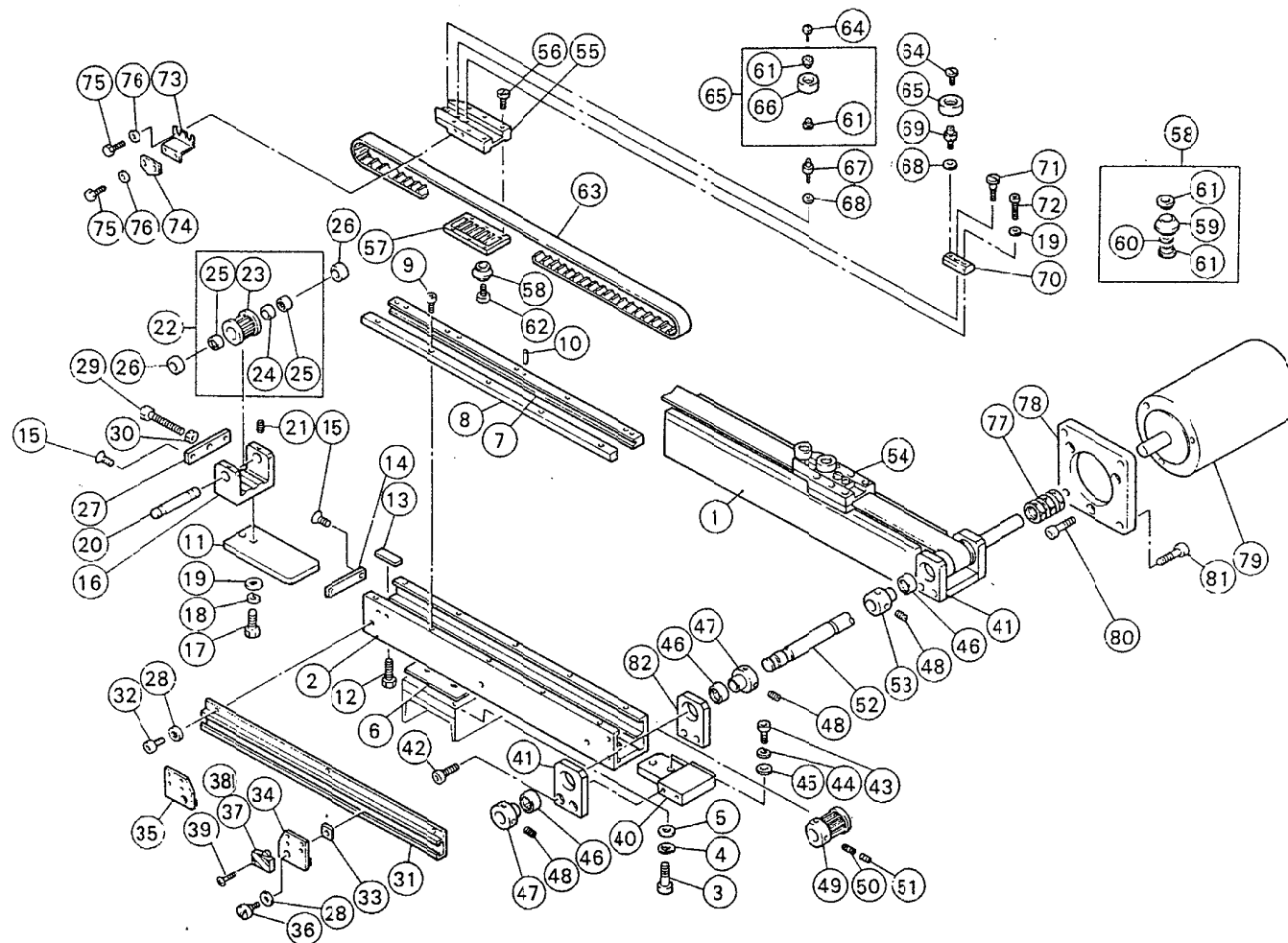
TMLE ARM II

LE-9

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
61	Tension Disk	LE 0 5 6 3 0 0 0 0 0 0		91	Bobbin Bracket (Taping)	LE 0 5 6 8 0 0 0 0 0 0	
62	Tension Spring	LE 0 5 9 7 0 0 0 0 0 0		92	Tape Guide		
63	Tension Regulator	LE 0 5 9 8 0 0 0 0 0 0		93	Round Head Screw	S M 3 0 0 8 0 5 C C 0 0	
64	Thread Guide	LE 0 5 9 6 0 0 0 0 0 0		94	Taping Bracket Set	LE 0 5 6 8 S 0 0 0 0 0	
65	Guide Base Pin	LE 0 5 4 4 0 0 0 0 0 0		95	Zigzag Swing Lever Set	LE 0 5 4 5 S 0 0 0 0 0	
66	Hexagon Nut, M4			96	Zigzag Swing Bracket Set	LE 0 5 6 7 S 0 0 0 0 0	
67	Knurled Screw	LE 0 5 7 1 0 0 0 0 0 0		97	Bobbin Bushing Bracket	LE 0 5 2 6 0 0 0 0 0 0	
68	Bobbin Bracket (Zigzag Swing)	LE 0 5 6 7 0 0 0 0 0 0					
69	Guide Pin	LE 0 5 6 6 0 0 0 0 0 0					
70	Countersunk Head Screw	S S 1 1 0 3 0 5 S D 0 0					
71	Bobbin Bracket Shaft	LE 0 5 7 7 0 0 0 0 0 0					
72	Flat Fillister Head Screw	S M 6 0 0 9 1 2 C C 0 0					
73	Spring Washer, M4						
74	Bobbin R-side Base	LE 0 5 7 4 0 0 0 0 0 0					
75	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 0 C A 0 0					
76	Bobbin Tension Spring	LE 0 5 7 5 0 0 0 0 0 0					
77	Round Head Screw	S S 3 1 0 2 0 3 M Z 0 0					
78	Washer with Teeth, M4						
79	Bobbin Tension Adjusting Screw	LE 0 5 7 6 0 0 0 0 0 0					
80	Bobbin Shaft	LE 0 5 7 9 0 0 0 0 0 0					
81	Coiling Bobbin	LE 0 5 8 1 0 0 0 0 0 0					
82	Bobbin L-side Bracket	LE 0 5 7 2 0 0 0 0 0 0					
83	Holder Spring	LE 0 5 7 0 0 0 0 0 0 0					
84	Cord Stopper Spring	LE 0 5 6 9 0 0 0 0 0 0					
85	Stepped Screw	C E 0 2 3 7 0 0 0 0 0 0					
86	Wave Washer, 5P						
87	Pan Head Screw	S S 4 1 0 3 0 3 M Z 0 0					
88	Bobbin (Taping)	LE 0 5 8 0 0 0 0 0 0 0					
89	Nipple A	LE 0 5 3 0 0 0 0 0 0 0					
90	Nipple Rotating Arm	LE 0 5 6 1 0 0 0 0 0 0					

From the library of Diamond Needle Corp

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From the library of: Diamond Needle Corp

TM LE X - AXIS DRIVE SYSTEM

LE - 10

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	X-axis Driver Frame A	E G 0 7 0 2 A 0 ****		31	Slide Base	E G 0 7 2 6 0 0 ****	
2	X-axis Driver Frame B	E G 0 7 0 2 B 0 ****		32	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 8 C C 0 0	
3	Hexagon Socket Head Cap Screw	S S 6 2 0 8 3 5 C C 0 0		33	Fixture Base	E G 0 7 3 0 0 0 0 0 0 0	
4	Spring Washer, M8			34	Limit Switch Base R	E G 0 7 2 7 R 0 0 0 0 0	
5	Plain Washer, M8			35	Limit Switch Base L	E G 0 7 2 7 L 0 0 0 0 0	
6	Driver Spacer A	E F 0 8 2 9 0 0 ****		36	Adjusting Knob	E G 0 7 3 1 0 0 0 0 0 0	
7	X-axis Frame Rail A	E F 0 7 0 4 A 0 ****		37	Limit Switch	M S 6 6 0 1 0 0 0 0 0 0	
8	X-axis Frame Rail B	E F 0 7 0 4 B 0 ****		38	Actuator	M S 6 6 0 2 0 0 0 0 0 0	
9	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 2 C C 0 0		39	Pan Head Screw	S S 4 1 0 3 1 4 S D 0 0	
10	Spring Pin, 4P*12L			40	Bearing Case Base	E G 0 7 0 4 0 0 0 0 0 0	
11	Tension Base	E G 0 7 0 7 0 0 0 0 0 0		41	Bearing Case Plate BL	E G L 7 0 5 B 0 0 0 0 0	
12	Hexagon Bolt	S S 9 3 0 5 1 5 S D 0 0		42	Hexagon Socket Head Cap Screw	S S 6 2 0 6 1 5 C C 0 0	
13	Tension Liner	E G 0 7 1 0 0 0 0 0 0 0		43	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 C C 0 0	
14	Tension Rivet Plate	E G 0 7 0 9 0 0 0 0 0 0		44	Spring Washer, M6		
15	Countersunk Head Screw	S S 1 1 0 4 1 0 S D 0 0		45	Plain Washer, M6		
16	Tension Bearing Case B	E G 0 7 0 6 B 0 0 0 0 0		46	Needle Bearing	H K 0 1 8 1 2 0 0 0 0 0	
17	Hexagon Bolt	S S 9 3 0 5 2 0 S D 0 0		47	15mm Dia. Needle Collar	E F 0 2 0 8 0 0 0 0 0 0	
18	Spring Washer, M5			48	Porcelain Enameled Set Screw	S S 8 2 0 5 0 5 T N 0 0	
19	Plain Washer, M5			49	Driver-side Timing Pulley	E F 0 7 0 5 0 0 0 0 0 0	
20	Tension Shaft	E G 0 7 1 1 0 0 0 0 0 0		50	Porcelain Enameled Set Screw	S S 8 2 0 6 0 6 T N 0 0	
21	Porcelain Enameled Set Screw	S S 8 2 0 4 0 5 T N 0 0		51	Porcelain Enameled Set Screw	S S 8 2 0 6 0 5 T N 0 0	
22	Tension-side Timing Pulley Set	E F 0 7 0 6 S 0 0 0 0 0		52	X-axis Drive Shaft	E F 0 8 1 9 0 0 0 0 0 0	
23	Tension-side Timing Pulley	E F 0 7 0 6 0 0 0 0 0 0		53	Needle Collar	E G 0 7 2 4 0 0 0 0 0 0	
24	Tension Pulley Spacer	E F 0 7 0 7 0 0 0 0 0 0		54	X-axis Feed Plate A	E G 0 7 1 4 A 0 0 0 0 0	
25	Needle Bearing	H K 0 1 2 1 0 0 0 0 0 0		55	X-axis Feed Plate B	E G 0 7 1 4 B 0 0 0 0 0	
26	Tension Spacer	E G 0 7 1 2 0 0 0 0 0 0		56	Flat Fillister Head Screw	S S 6 0 0 4 1 2 S C 0 0	
27	Tension Plate	E G 0 7 0 8 0 0 0 0 0 0		57	Belt Catcher Plate	E F 0 7 0 8 0 0 0 0 0 0	
28	Plain Washer, M4			58	No. 1 Roller Set	E F 0 7 0 9 0 0 0 0 0 0	
29	Hexagon Bolt	S S 9 3 0 6 6 5 S D 0 0		59	No. 1 Roller	E F 0 7 0 9 1 0 0 0 0 0	
30	Hexagon Bolt, M6			60	Liner Plate	E F 0 7 0 9 2 0 0 0 0 0	

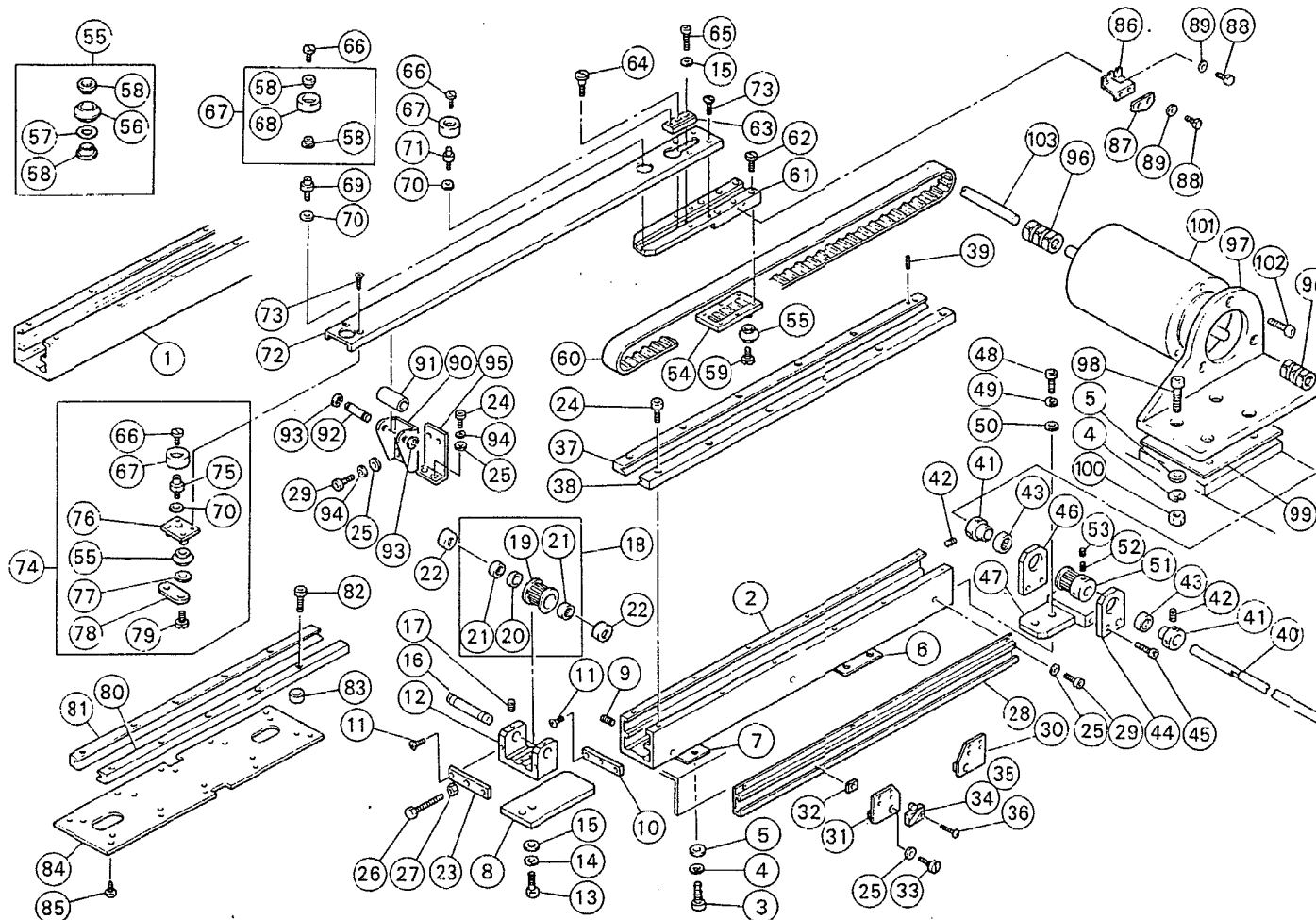
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LE - 10

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From the library of: Diamond Needle Corp

TM LE Y - AXIS DRIVE SYSTEM

LE - 11

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Y-axis Driver Frame A	E F 0 7 0 1 A 0 * * * * *		31	Limit Switch Base L	E G 0 7 2 7 L 0 0 0 0 0	
2	Y-axis Driver Frame B	E F 0 7 0 1 B 0 * * * * *		32	Fixture Base	E G 0 7 3 0 0 0 0 0 0 0	
3	Hexagon Socket Head Cap Screw	S S 6 2 0 8 2 5 C C 0 0		33	Adjusting Knob	E G 0 7 3 1 0 0 0 0 0 0	
4	Spring Washer, M8			34	Limit Switch	M S 6 6 0 1 0 0 0 0 0 0	
5	Plain Washer, M8			35	Actuator	M S 6 6 0 2 0 0 0 0 0 0	
6	Driver Spacer B	E F 0 8 3 0 0 0 * * * * *		36	Pan Head Screw	S S 4 1 0 3 1 4 S D 0 0	
7	Driver Spacer C	E F 0 8 3 1 0 0 * * * * *		37	Y-axis Frame Rail A	E F 0 7 0 3 A 0 * * * * *	
8	Tension Base	E G 0 7 0 7 0 0 0 0 0 0		38	Y-axis Frame Rail B	E F 0 7 0 3 B 0 * * * * *	
9	Porcelain Enameled Set Screw	S S 8 2 0 5 0 8 T N 0 0		39	Spring Pin, 4P*12L		
10	Tension Rivet Plate	E G 0 7 0 9 0 0 0 0 0 0		40	Y-axis Drive Shaft A	E F 0 8 2 0 A 0 * * * * *	
11	Countersunk Head Screw	S S 1 1 0 4 1 0 S D 0 0		41	15mm Dia. Needle Collar	E F 0 2 0 8 0 0 0 0 0 0	
12	Tension Bearing Case A	E G 0 7 0 6 A 0 0 0 0 0		42	Porcelain Enameled Set Screw	S S 8 2 0 5 0 5 T N 0 0	
13	Hexagon Bolt	S S 9 3 0 5 2 0 S D 0 0		43	Needle Bearing	H K 0 1 8 1 2 0 0 0 0 0	
14	Spring Washer, M5			44	Bearing Case Plate AL	E G L 7 0 5 A 0 0 0 0 0	
15	Plain Washer, M5			45	Hexagon Socket Head Cap Screw	S S 6 2 0 6 1 5 C C 0 0	
16	Tension Shaft	E G 0 7 1 1 0 0 0 0 0 0		46	Bearing Case Plate AR	E G R 7 0 5 A 0 0 0 0 0	
17	Porcelain Enameled Set Screw	S S 8 2 0 4 0 5 T N 0 0		47	Bearing Case Base	E G 0 7 0 4 0 0 0 0 0 0	
18	Tension-side Timing Pulley Set	E F 0 7 0 6 S 0 0 0 0 0		48	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 C C 0 0	
19	Tension-side Timing Pulley	E F 0 7 0 6 0 0 0 0 0 0		49	Spring Washer, M6		
20	Tension Pulley Spacer	E F 0 7 0 7 0 0 0 0 0 0		50	Plain Washer, M6		
21	Needle Bearing	H K 0 1 2 1 0 0 0 0 0 0		51	Driver-side Timing Pulley	E F 0 7 0 5 0 0 0 0 0 0	
22	Tension Spacer	E G 0 7 1 2 0 0 0 0 0 0		52	Porcelain Enameled Set Screw	S S 8 2 0 6 0 6 T N 0 0	
23	Tension Plate	E G 0 7 0 8 0 0 0 0 0 0		53	Porcelain Enameled Set Screw	S S 8 2 0 6 0 5 T N 0 0	
24	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 2 C C 0 0		54	Belt Catcher Plate	E F 0 7 0 8 0 0 0 0 0 0	
25	Plain Washer, M4			55	No.1 Roller Set	E F 0 7 0 9 0 0 0 0 0 0	
26	Hexagon Bolt	S S 9 3 0 6 6 5 S D 0 0		56	No.1 Roller	E F 0 7 0 9 1 0 0 0 0 0	
27	Hexagon Nut, M6			57	Liner Plate	E F 0 7 0 9 2 0 0 0 0 0	
28	Slide Base	E G 0 7 2 6 0 0 * * * * *		58	Ball Bearing	L F 0 1 2 8 0 Z Z 0 0 0	
29	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 8 C C 0 0		59	Roller Set Screw	E F 0 7 1 0 0 0 0 0 0 0	
30	Limit Switch Base R	E G 0 7 2 7 R 0 0 0 0 0		60	Timing Belt	T 1 0 2 5 0 0 0 * * * * *	

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Note: As for the parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

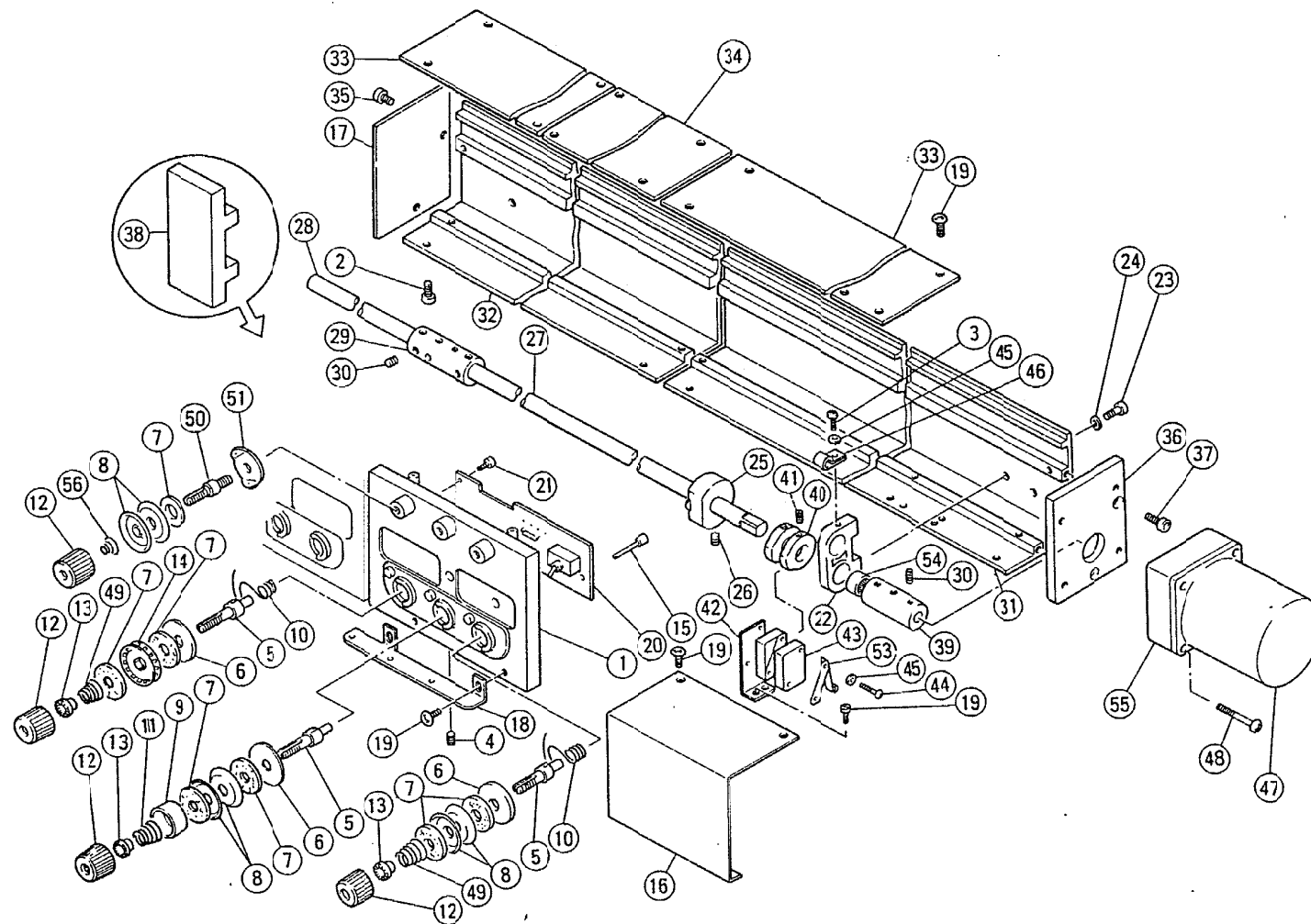
TM LE Y – AXIS DRIVE SYSTEM

LE-11

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
61A	Y-axis Feed Plate, Rear A	E F 0 7 1 1 A 0 0 0 0 0		90	Bearing Case	E F 0 7 2 0 0 0 0 0 0 0	
61B	Y-axis Feed Plate, Rear B	E F 0 7 1 1 B 0 0 0 0 0		91	Roller	E F 0 7 2 2 0 0 0 0 0 0	
62	Flat Fillister Head Screw	S S 6 0 0 4 1 2 S C 0 0		92	Roller Pin	E F 0 7 2 3 0 0 0 0 0 0	
63	Presser Roller Base	E G 0 7 1 5 0 0 0 0 0 0		93	E-Ring, E-5		
64	Roller Base Guide Pin	E G 0 7 1 8 0 0 0 0 0 0		94	Spring Washer, M4		
65	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 2 C C 0 0		95	Bearing Case Base	E F 0 7 2 1 0 0 0 0 0 0	
66	Fixing Roller Presser Screw	E G 0 7 2 2 0 0 0 0 0 0		96	N-Coupling	N 0 1 5 0 1 5 0 0 0 0 0	
67	Plastic Roler Set	E G 0 7 2 1 S 0 0 0 0 0		97	Y-axis Motor Base	E F 0 7 1 8 0 0 0 0 0 0	
68	Plastic Roller	E G 0 7 2 1 0 0 0 0 0 0		98	Hexagon Socket Head Cap Screw	S S 6 2 0 8 4 0 C C 0 0	
69	Presser Roller Pin A	E G 0 7 1 6 0 0 0 0 0 0		99	Motor Base Spacer	E F 0 8 2 8 0 0 * * * *	
70	Roller Pin Spacer	E F 0 7 2 4 0 0 * * * *		100	Hexagon Nut, M8		
71	Presser Roller Pin B	E G 0 7 1 7 0 0 0 0 0 0		101	Y-axis Pulse Motor	E F 6 4 0 2 0 0 0 0 0 0	
72	Y-axis Driver Connecting Plate	E F 0 7 1 2 0 0 * * * *		101G	Y-axis Pulse Motor (G-spec. Machine)	E F 6 4 0 2 A 0 0 0 0 0	
73	Countersunk Head Screw	S S 1 1 0 4 0 8 S D 0 0		102	Hexagon Socket Head Cap Screw	S S 6 2 0 8 1 5 C C 0 0	
74	Y-axis Driver Plate, Front Set	E G 0 7 1 9 S 0 0 0 0 0		103	Y-axis Drive Shaft B	E F 0 8 2 0 B 0 * * * *	
75	Fixture-side Roller Base	E G 0 7 2 0 0 0 0 0 0 0					
76	Y-axis Driver Plate, Front	E G 0 7 1 9 0 0 0 0 0 0					
77	Roller Washer	E F 0 7 2 6 0 0 0 0 0 0					
78	Roller Guide	E F 0 7 2 5 0 0 0 0 0 0					
79	Round Fillister Head Screw	S M 7 0 0 9 0 5 S C 0 0					
80	Y-axis Rail, Front R	E F 0 7 1 4 R 0 * * * *					
81	Y-axis Rail, Front L	E F 0 7 1 4 L 0 * * * *					
82	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 5 C C 0 0					
83	Rail Spacer	E F 0 7 1 6 0 0 0 0 0 0					
84	Front Rail Holder	E F 0 7 1 5 0 0 * * * *					
85	Wood Screw, 4.5P*20L						
86	LS Dog Base	E G 0 7 2 9 0 0 0 0 0 0					
87	LS Dog	E G 0 7 2 8 0 0 0 0 0 0					
88	Hexagon Bolt	S S 9 3 0 3 0 6 S D 0 0					
89	Plain Washer, M3						

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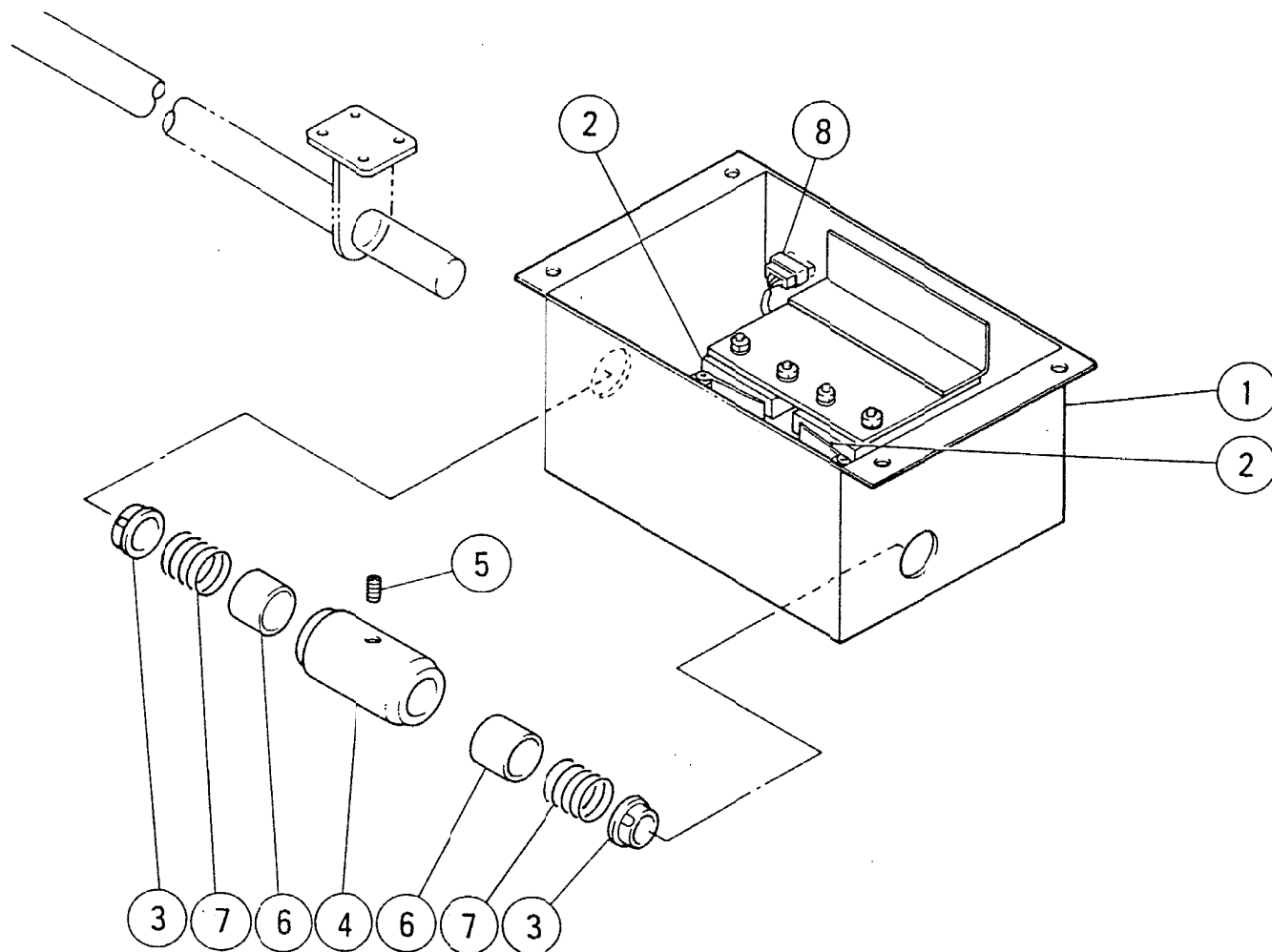
TM LE TENSION BASE

LE - 12

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Tension Base	E F 0 9 0 1 0 0 0 0 0 0		31	No. 1 Tension Base Foundation Plate	L E 0 9 0 1 A 0 * * * * *	
2	Truss Head Screw	S M 0 1 0 9 0 8 S A 0 0		32	No. 2 Tension Base Foundation Plate	L E 0 9 0 1 B 0 * * * * *	
3	Pan Head Screw	S S 4 1 0 3 0 8 M Z 0 0		33	Tension Base Cover A	L E 0 9 0 2 A 0 * * * * *	
4	Set Screw	S M 8 0 0 9 0 5 T N 0 0		34	Tension Base Cover B	L E 0 9 0 2 B 0 * * * * *	
5	Tension Stud	E F 0 9 0 2 0 0 0 0 0 0		35	Pan Head Screw	S S 4 1 0 4 0 5 S D 0 0	
6	Insulation Plate	E F 0 9 0 3 0 0 0 0 0 0		36	Tension Release Motor Base	L E 0 9 0 8 0 0 0 0 0 0	
7	Felt Packing	E F 0 9 0 4 0 0 0 0 0 0		37	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 8 C C 0 0	
8	Thread Course Tension Disk	E F 0 9 1 3 0 0 0 0 0 0		38	Tension Base Front Cover	L E 0 9 0 3 0 0 0 0 0 0	
9	Tension Collar	E F 0 9 0 6 0 0 0 0 0 0		39	Tension Release Motor Joint	L E 0 9 0 5 0 0 0 0 0 0	
10	Thread Take-up Spring	E F 0 9 0 7 0 0 0 0 0 0		40	Positioning Contact Point	L E 0 9 0 6 0 0 0 0 0 0	
11	Tension Spring	L E 0 9 1 3 0 0 0 0 0 0		41	Porcelain Enameled Set Screw	S S 8 2 0 3 0 3 T N 0 0	
12	Adjusting Screw	E F 0 9 0 9 0 0 0 0 0 0		42	Micro Switch Base	L E 0 9 0 7 0 0 0 0 0 0	
13	Spring Hook	E F 0 9 1 0 0 0 0 0 0 0 0		43	Micro Switch	L E 6 6 0 2 0 0 0 0 0 0	
14	Rotary Tension Disk	E F 0 9 0 5 0 0 0 0 0 0		44	Pan Head Screw	S S 4 1 0 3 2 5 S E 0 0	
15	Tension Release Pin	L E 0 9 1 2 0 0 0 0 0 0		45	Plain Washer, M3		
16	Micro Switch Cover	L E 0 9 0 9 0 0 0 0 0 0		46	Cord Clamp		
17	Tension Base Side Cover A	E F 0 9 2 8 A 0 0 0 0 0		47	Tension Release Motor	L E 9 1 0 2 0 0 0 0 0 0	
18	Tension Base Lower Thread Guide	E F 0 9 1 6 0 0 0 0 0 0		48	Pan Head Screw	S S 4 1 0 4 5 0 S D 0 0	
19	Truss Head Screw	S M 0 1 0 9 0 6 S A 0 0		49	Tension Spring	E F 0 9 0 8 0 0 0 0 0 0	
20	Tension Base Card (PC Board)	E F 7 2 0 1 0 0 0 0 0 0		50	Thread Course Tension Stud	E F 0 9 1 4 0 0 0 0 0 0	
21	Pan Head Screw	S S 4 1 0 3 0 5 S D 0 0		51	Thread Course Thread Guide	E F 0 9 1 2 0 0 0 0 0 0	
22	Tension Release Shaft Bearing Case A	E F 0 9 2 1 A 0 0 0 0 0		52	Round Fillister Head Screw	S M 7 0 0 9 0 5 S A 0 0	
23	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 0 C C 0 0		53	Switch Lever	M S 6 6 0 2 0 0 0 0 0 0	
24	Plain Washer, M5			54	Needle Bearing	H K 0 1 0 1 0 0 0 0 0 0	
25	Tension Release Colar	E F 0 9 2 2 0 0 0 0 0 0		55	Gear Head	2 G K 6 0 K 0 0 0 0 0 0	
26	Porcelain Enameled Set Screw	S S 8 2 0 4 0 4 T N 0 0		56	Thread Course Tension Spring	E F 0 9 1 5 0 0 0 0 0 0	
27	Tension Release Shaft A	L E 0 9 0 4 A 0 0 0 0 0					
28	Tension Release Shaft B	L E 0 9 0 4 B 0 0 0 0 0					
29	10mm Dia. Joint	E F 0 3 2 6 0 0 0 0 0 0					
30	Porcelain Enameled Set Screw	S S 8 2 0 4 0 5 T N 0 0					

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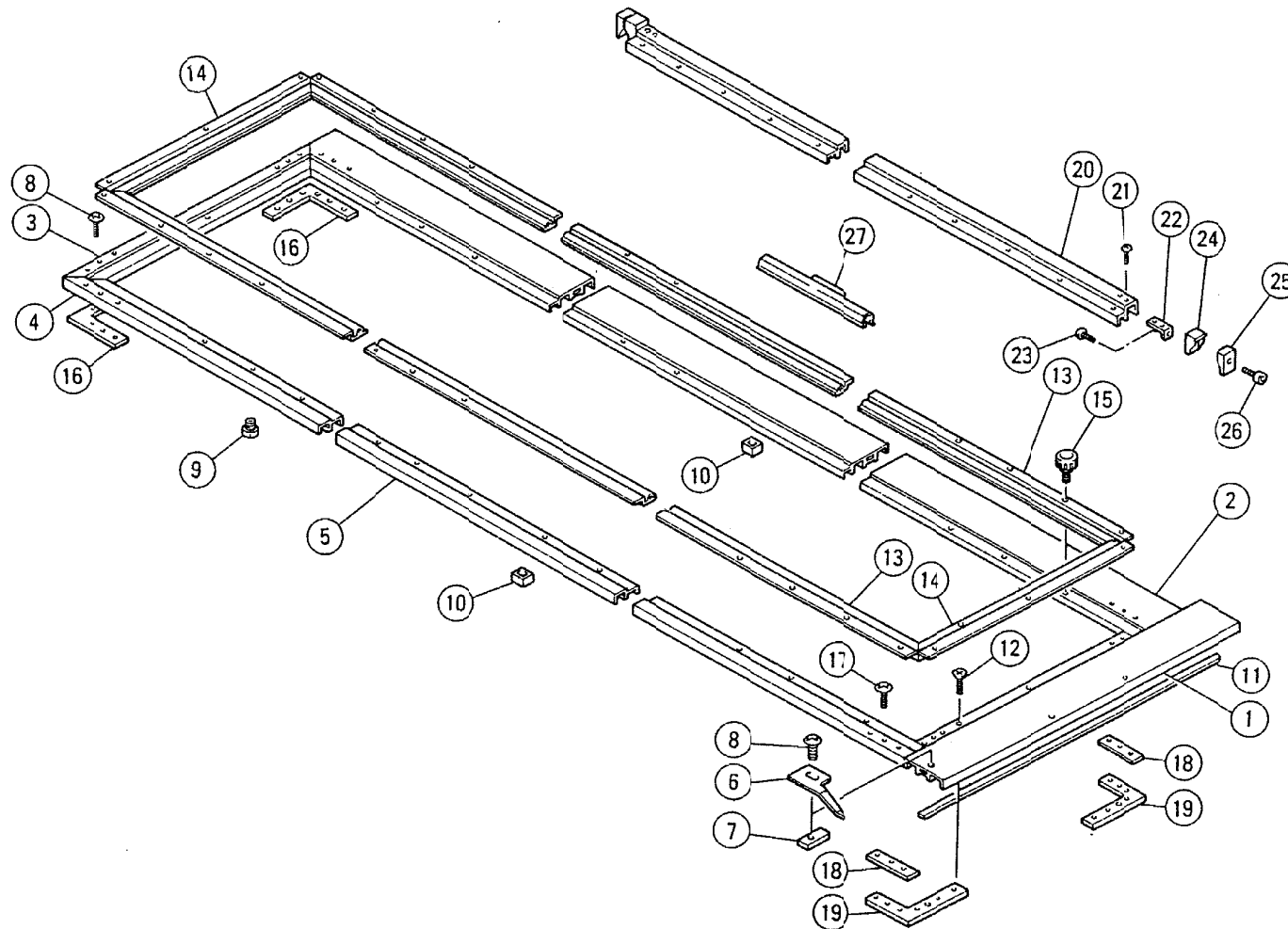
TMLE BAR SWITCH BOX

LE-13

[illegible]

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TAJIMA

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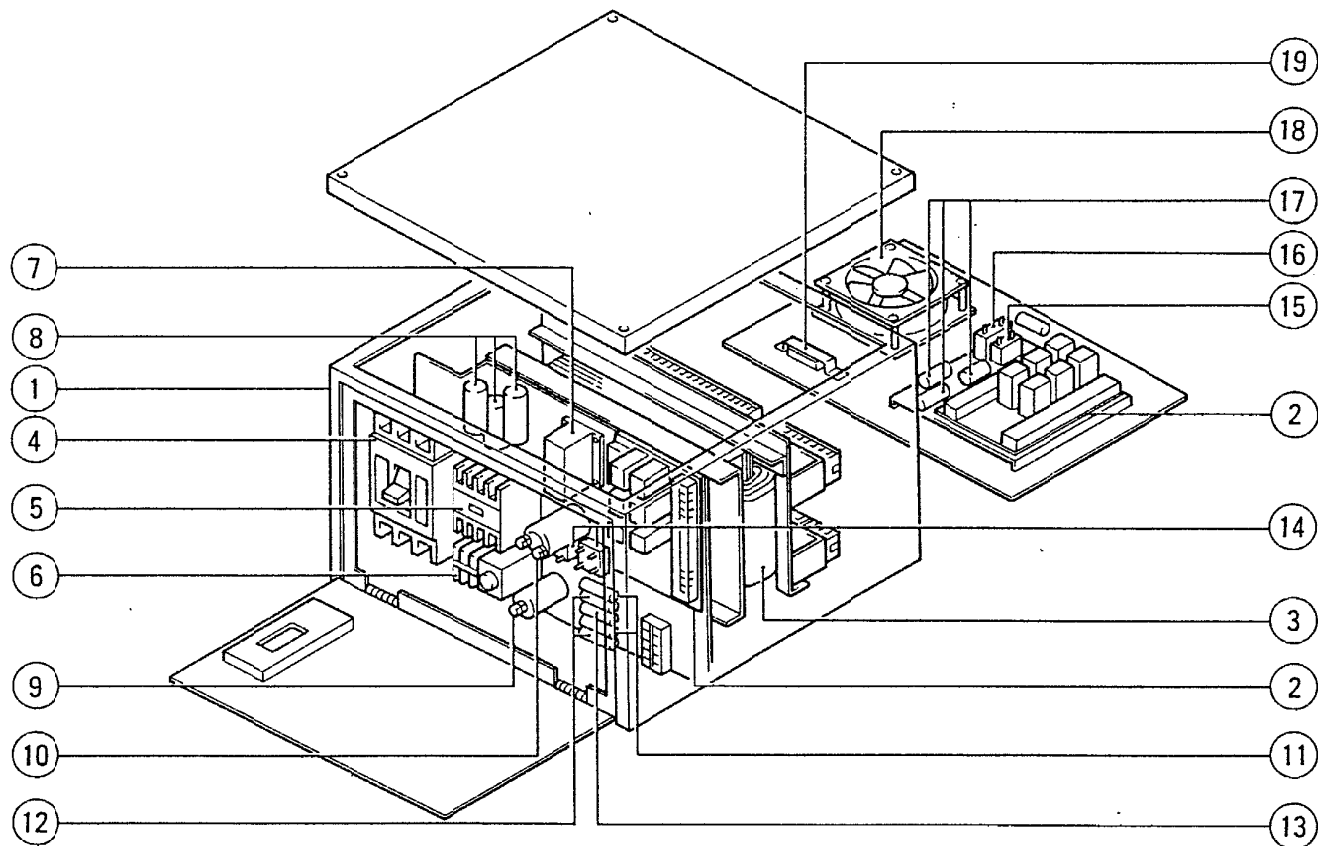
TM LE EMBROIDERY FRAME

LE-14

Ref.No.	Description	Part No.		Ref.No.	Description	Part No.	
1	Frame Sash Lengthwise A	E G 0 3 0 3 0 0 * * * *					
2	Frame Sash, Rear	E F 0 3 0 1 0 0 * * * *					
3	Frame Sash, Lengthwise B	E G 0 3 0 4 0 0 * * * *					
4	Frame Sash, Front	E F 0 3 0 2 0 0 * * * *					
5	Base Frame Sash Set	E F 0 3 0 0 S 0 * * * *					
6	Embroidery Space Indicator	E G 0 3 1 0 0 0 0 0 0 0					
7	Embroidery Space Indicator Plate Nut	E G 0 3 1 1 0 0 0 0 0 0					
8	Truss Head Screw	S S 0 1 0 5 0 8 C B 0 0					
9	Screw Ring	E F 0 3 0 3 0 0 0 0 0 0					
10	No.1 Felt	E G 0 3 0 8 0 0 0 0 0 0					
11	No.3 Felt	E G 0 3 0 9 0 0 * * * *					
12	Countersunk Head Screw	S S 1 1 0 5 1 0 C D 0 0					
13	Border Frame Crosswise Sash	E F 0 3 0 4 0 0 * * * *					
14	Border Frame Lengthwise Sash	E F 0 3 0 5 0 0 * * * *					
15	Knurled Screw	E F 0 3 0 6 0 0 0 0 0 0					
16	Counter Gear Box—side Corner	E G 0 3 0 6 0 0 0 0 0 0					
17	Truss Head Screw	S S 0 1 0 5 1 2 C B 0 0					
18	Main Gear Box—side Spacer	E G 0 3 0 7 0 0 0 0 0 0					
19	Main Gear Box—side Corner	E G 0 3 0 5 0 0 0 0 0 0					
20	Middle Sash	E F 0 3 0 8 0 0 * * * *					
21	Truss Head Screw	S S 0 1 0 4 0 5 C B 0 0					
22	Inner Frame Attachment C	E F 0 3 1 1 0 0 0 0 0 0					
23	Pan Head Screw	S S 4 1 0 4 0 5 C D 0 0					
24	Inner Frame Attachment A	E F 0 3 0 9 0 0 0 0 0 0					
25	Inner Frame Attachment B	E F 0 3 1 0 0 0 0 0 0 0					
26	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 5 C C 0 0					
27A	Border Frame Clip (short)	E F 0 3 0 7 A 0 0 0 0 0					
28B	Border Frame Clip (long)	E F 0 3 0 7 B 0 0 0 0 0					

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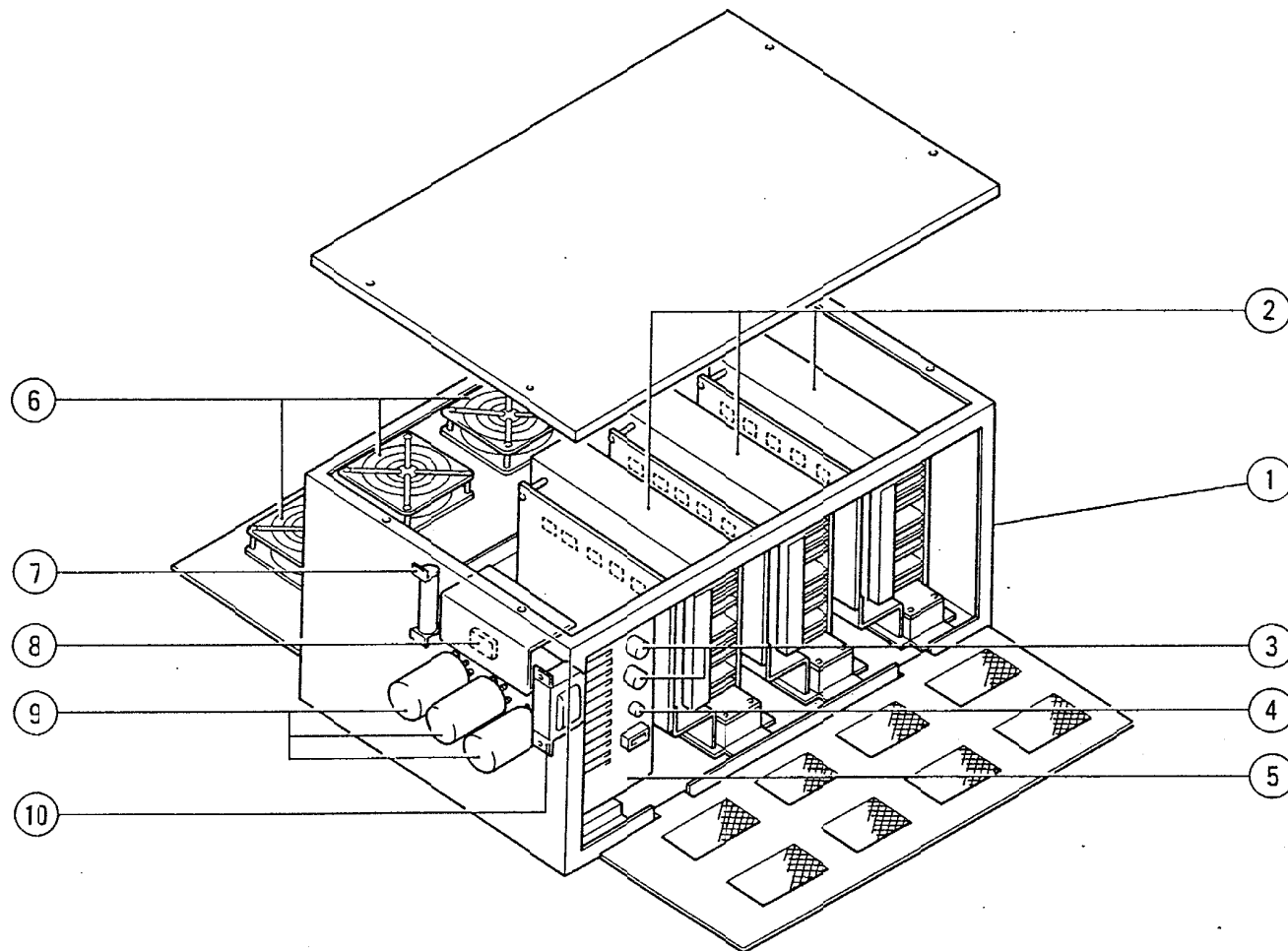


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LE - 15

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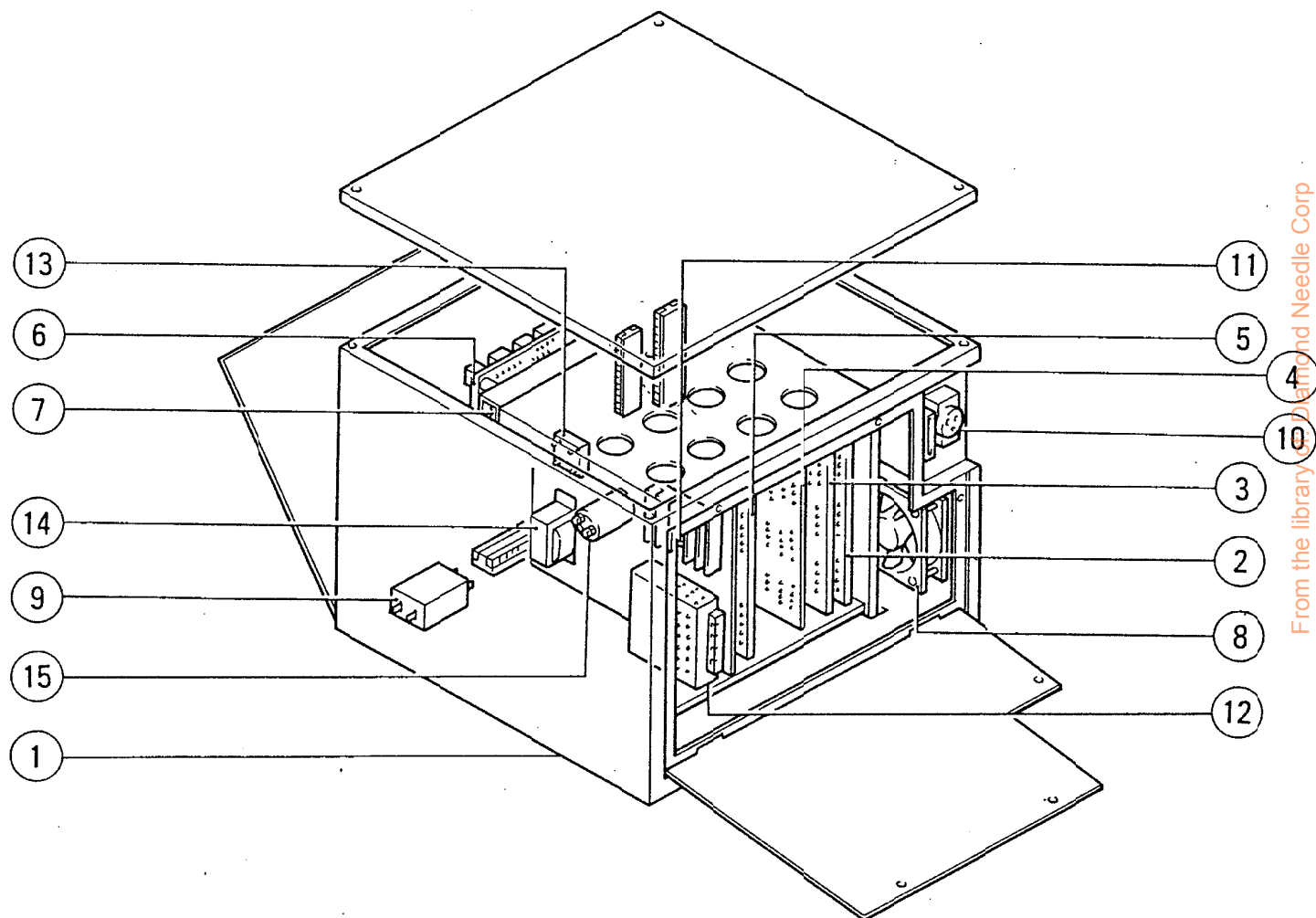
TM LE DRIVER BOX

LE - 16

[illegible]

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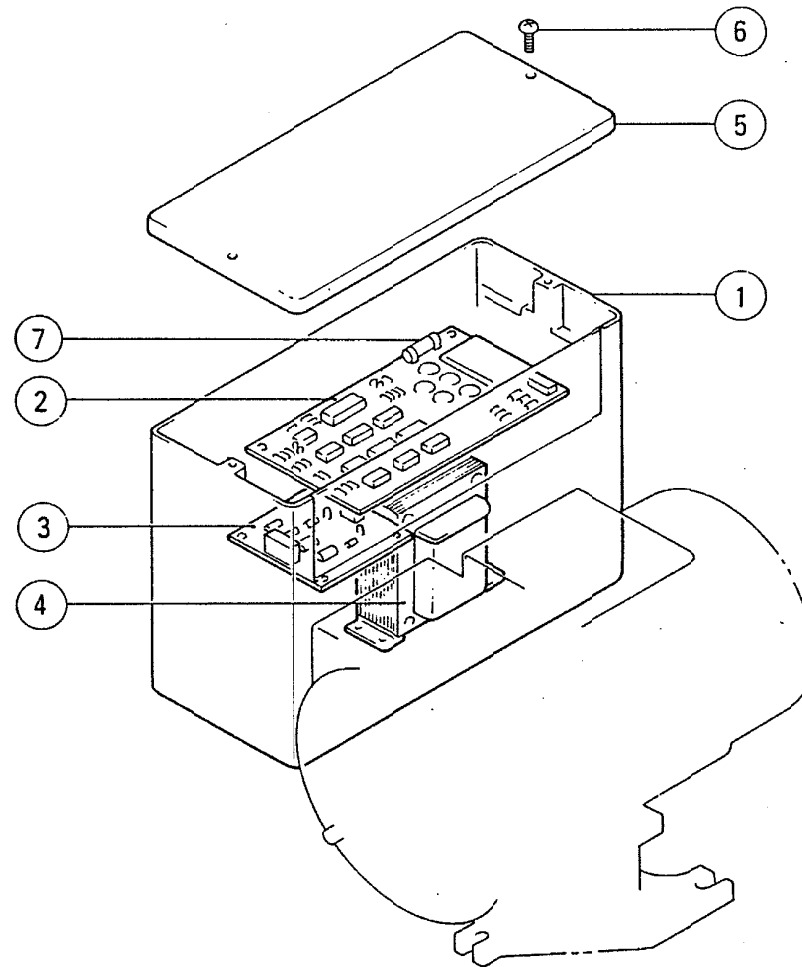


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LE-17

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LE - 18

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