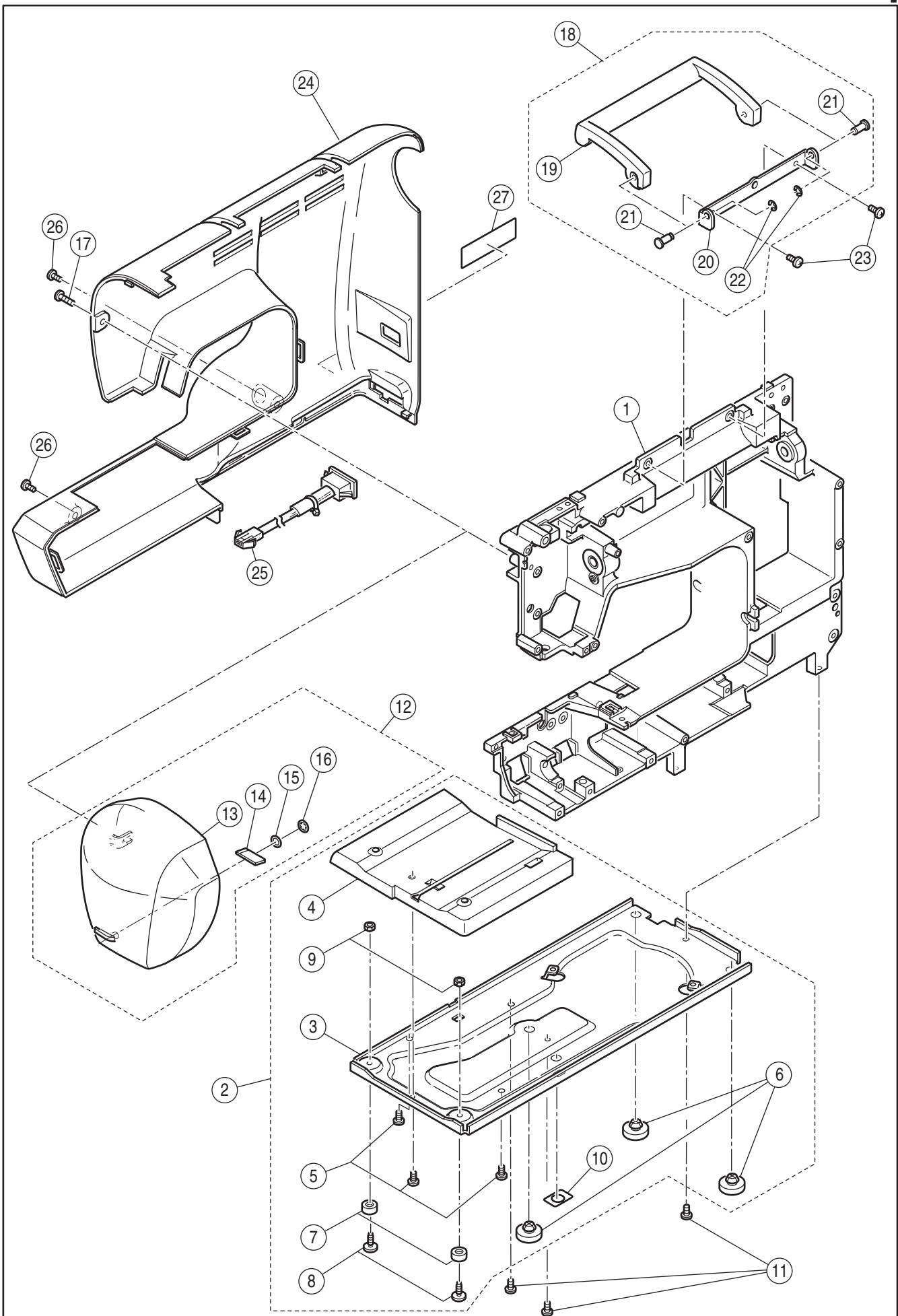


SPARE PARTS LIST

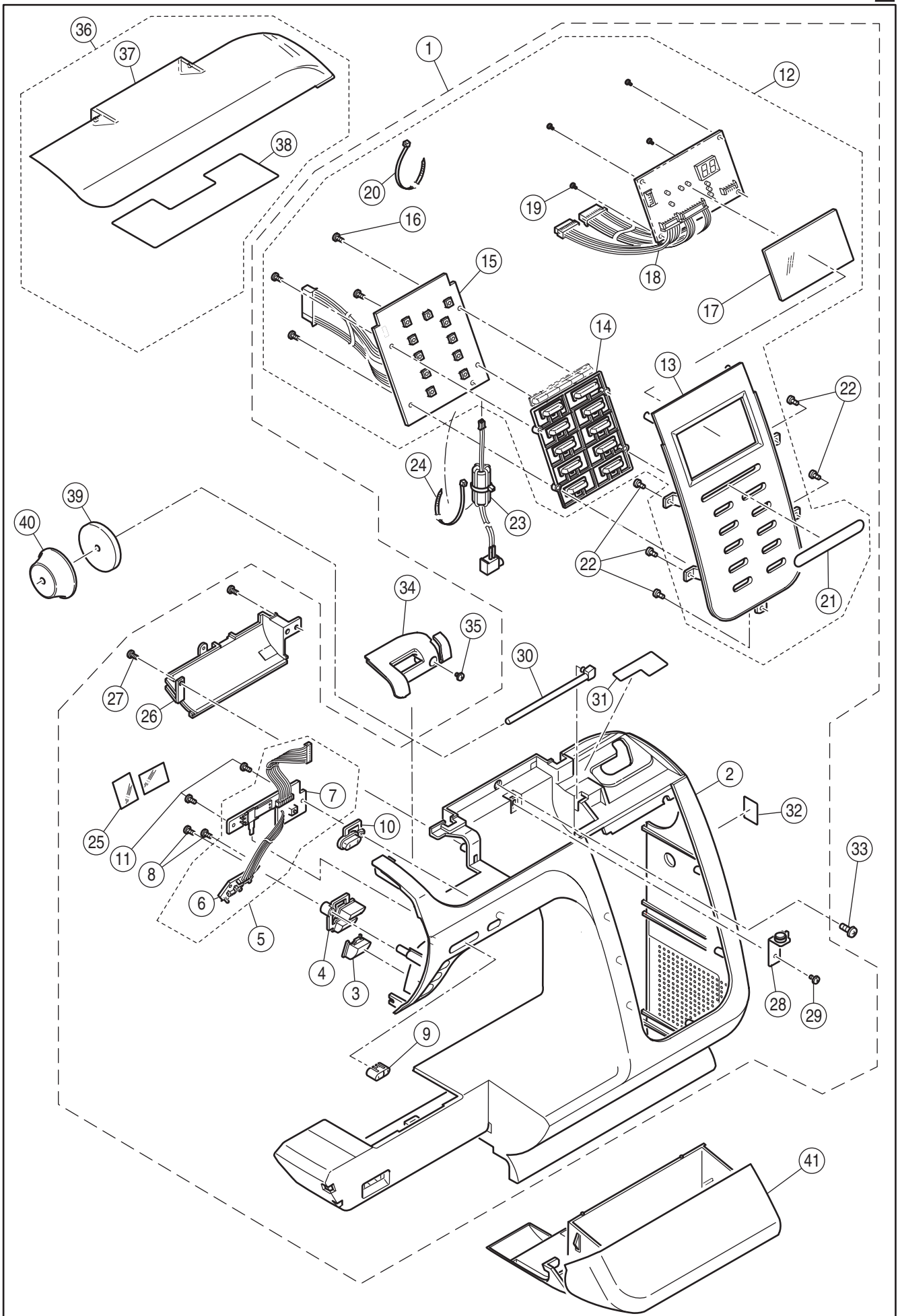
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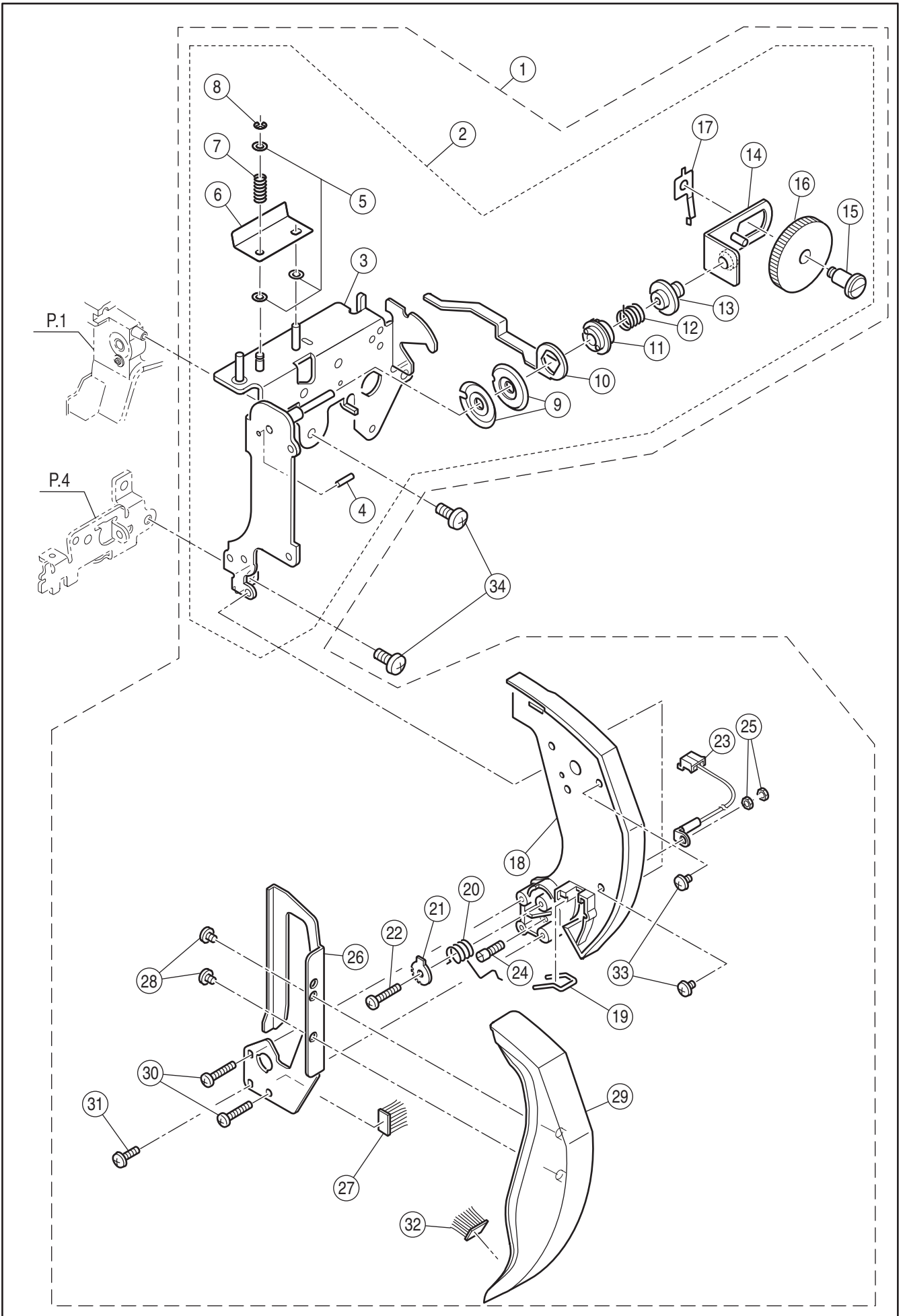
Apr.17.2014
HAPPY INDUSTRIAL CORP.



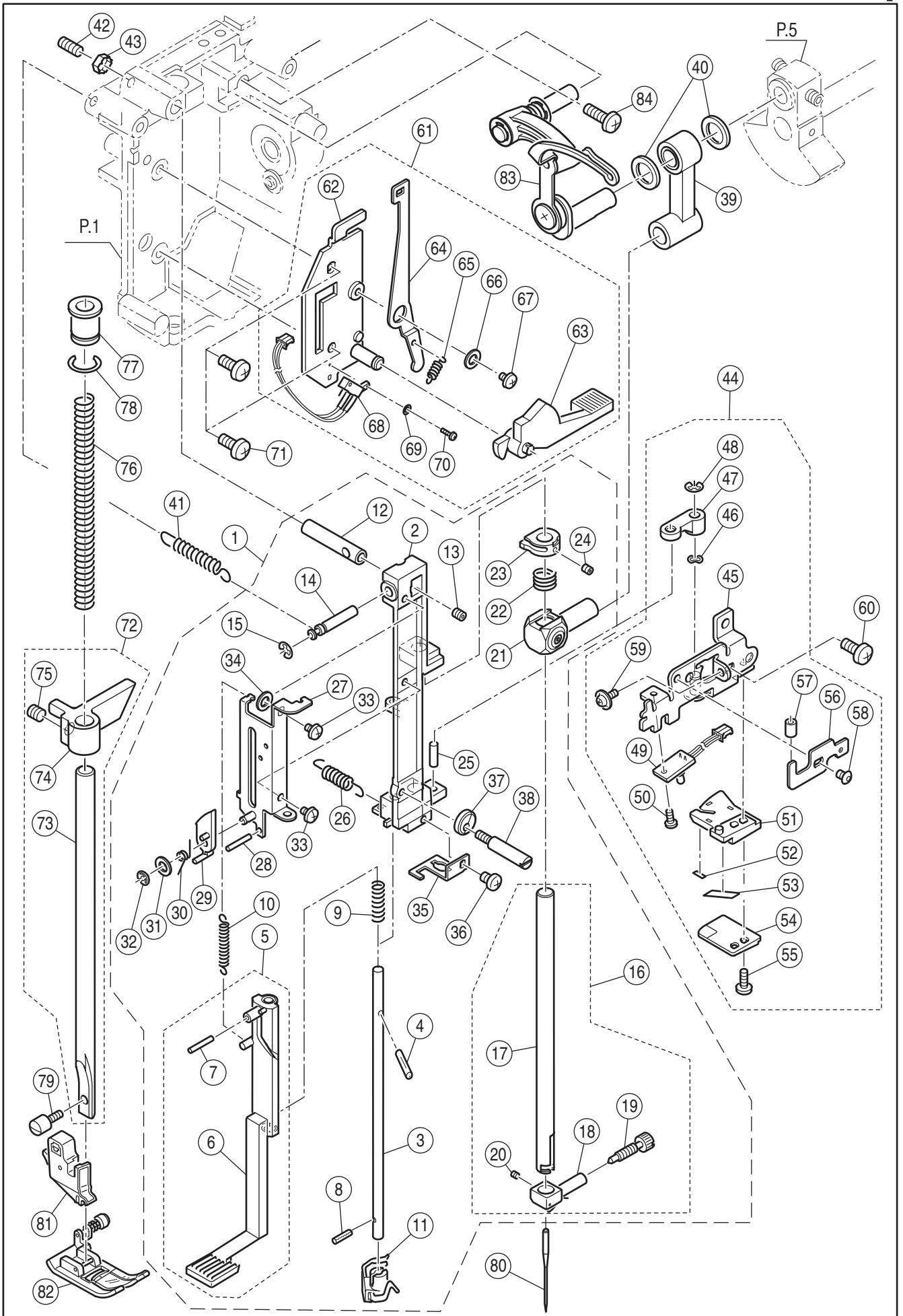
Ref No.	Part No.	Part Name
1	33855	Machine Frame
2	33131-2	Base Assy.(Incl.3-10)
3	32753	Base
4	32754	Base Cover
5	S61041	Set Screw
6	32755	Rubber Foot (A)
7	32756	Rubber Foot (B)
8	S32757	Rubber Foot Adjusting Screw
9	N91648	Adjustable Lock Nut
10	33323	Guide Plate for Stitch Balance
11	S31293	Set Screw
12	33522	Face Plate Assy. (Incl.13-16)
13	33523	Face Plate
14	31967	Thread Cutter
15	30134	Polyslider
16	N12772	Push Nut
17	S10706	Set Screw
18	32758	Handle Assy. (Incl.19-22)
19	32759	Handle
20	32760	Handle Bracket
21	32761	Handle Fulcrum Pin
22	04993	Snap Ring
23	S31293	Set Screw
24	33126	Rear Cover
25	33089	Terminal Box Assy.
26	S90810	Set Screw
27	33959-6	Electrical Rating Label



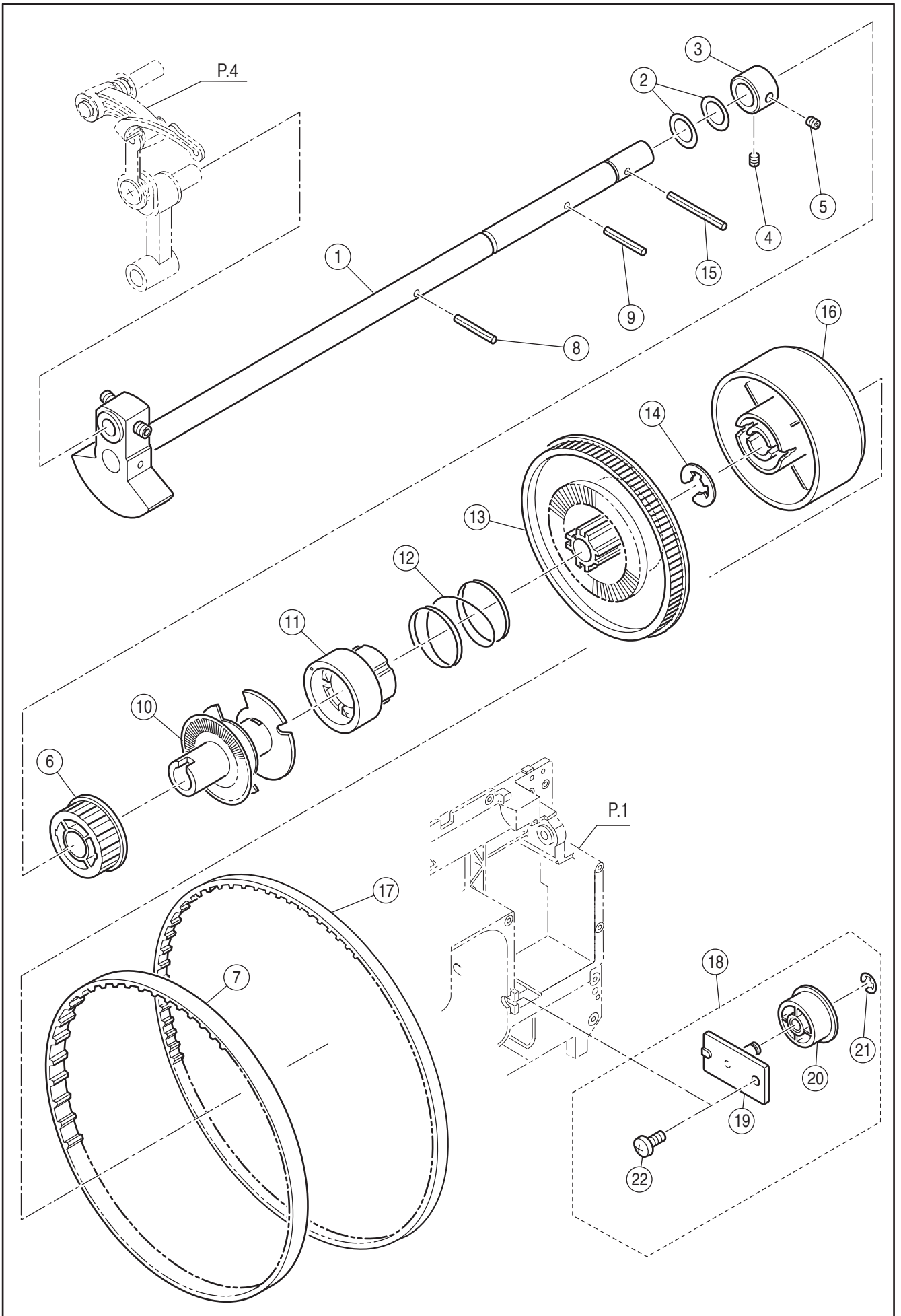
Ref	Part	Part Name
No.	No.	
1	34835-2	Front Cover Assy.(Incl.2-32)
2	34837-2	Front Cover
3	34102-2	Start/Stop Button
4	32734-2	Reverse/Quick Slow Key-top
5	33581	Circuit Boards(Incl.6-7)
6	32766	Switches Assy.
7	32767	Speed Control Lever Assy.
8	S31244	Set Screw
9	32736	Speed Control Button
10	32735	Needle Up/Down Button
11	S31244	Set Screw
12	33788-C	Control Panel Assy.(Incl.13-21)
13	33525-4	Control Panel
14	33526	Control Panel Key-top
15	33789	Display Board Assy.
16	S31244	Set Screw
17	33791	Monitor Window
18	34859	Monitor Circuit Boards Assy.
19	31438	Set Screw
20	11380	Cord Band
21	33793	Panel
22	S31244	Set Screw
23	33171	Controller Cord Assy.
24	11380-2	Cord Band
25	31599	Filament Tape
26	33530	Spool Holder
27	S31244	Set Screw
28	32770	Bobbin Winder Thread Guide Assy.
29	S31584	Set Screw
30	32737	Spool Stand
31	32983-2	Bobbin Winder Sticker
32	34392	Embroidry Unit Connect Sticker
33	S31841	Set Screw
34	32745-2	Thread Tension Cover
35	S31584	Set Screw
36	33795-12	Flap Assy.(Incl.37-38)
37	33529-11	Flap
38	33796-3	Pattern Chart Label
39	33521	Felt Washer
40	30074	Thread Cap
41	32762	Extension Table Assy.



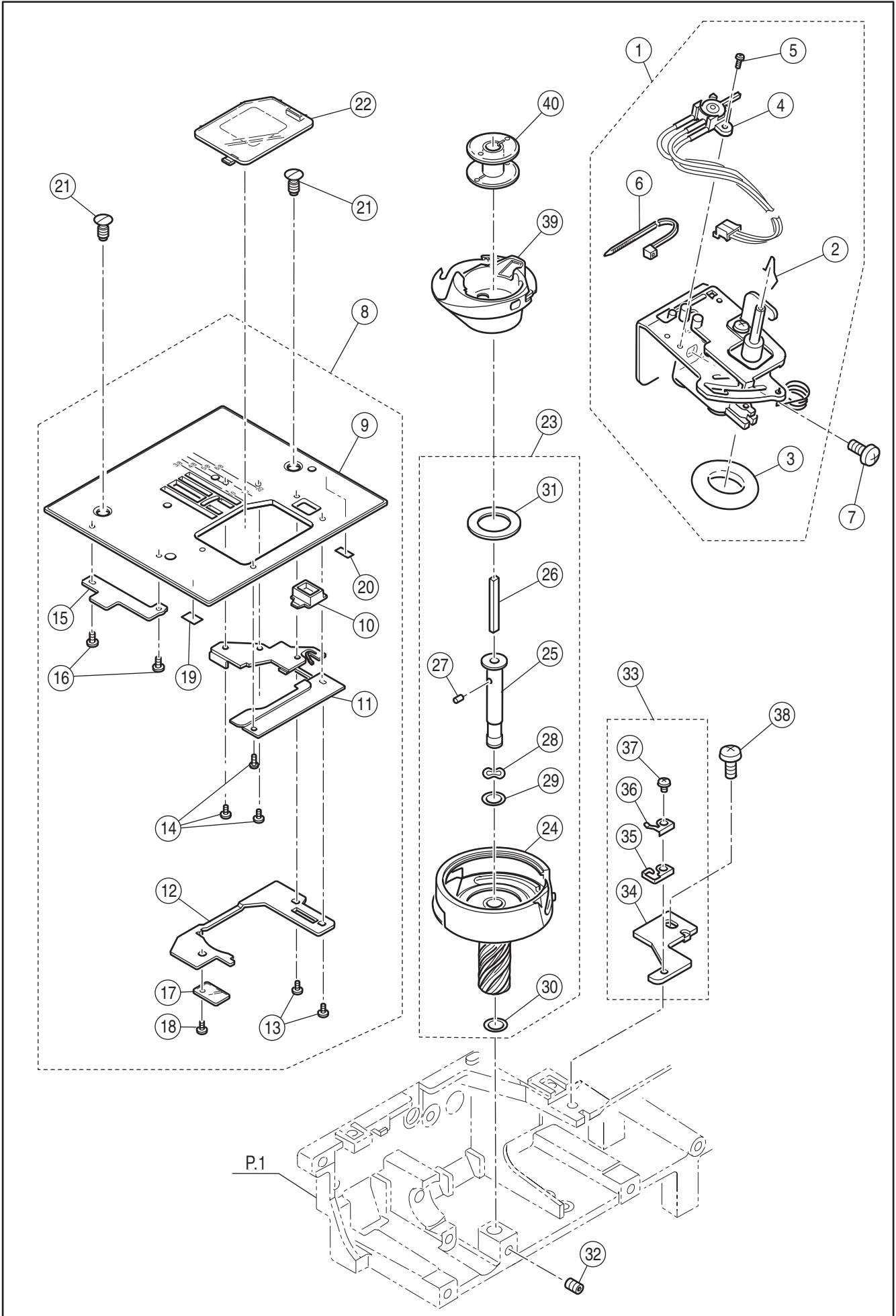
Ref No.	Part No.	Part Name
1	34836	Thread Tension Unit (Incl.2-33)
2	32773-2	Thread Tension Assy.(Incl.3-17)
3	33301	Thread Tension Base Assy.
4	30261-1	Spring Pin
5	32944	Polyslider
6	32787	Pre-Tension Plate
7	32788	Pre-Tension Spring
8	60018	Snap Ring
9	30928	Thread Tension Disc
10	32775	Thread Tension Releasing Plate
11	30154	Tension Collar
12	33160	Thread Tension Spring
13	32777	Tension Regulating Screw
14	32776	Thread Tension Plate Assy.
15	32780	Thread Tension Dial Shaft
16	32779-2	Thread Tension Dial
17	32778-2	Thread Tension Dial Spring
18	34575	Thread Guide Cover
19	33278	Thread Guide
20	33335	Thread Check Spring
21	32783	Check Spring Adjust Plate
22	S11431	Set Screw
23	LD232	Thread Check Spring Cord
24	33432	Thread Check Spring Shaft
25	N13189	Nut
26	33277	Take Up Lever Guide Bracket
27	33163	Brush
28	S61043	Set Screw
29	33528	Thread Take Up Lever Cover
30	S11431	Set Screw
31	S30271	Set Screw
32	34295	Brush
33	S12786	Set Screw
34	S02812	Set Screw



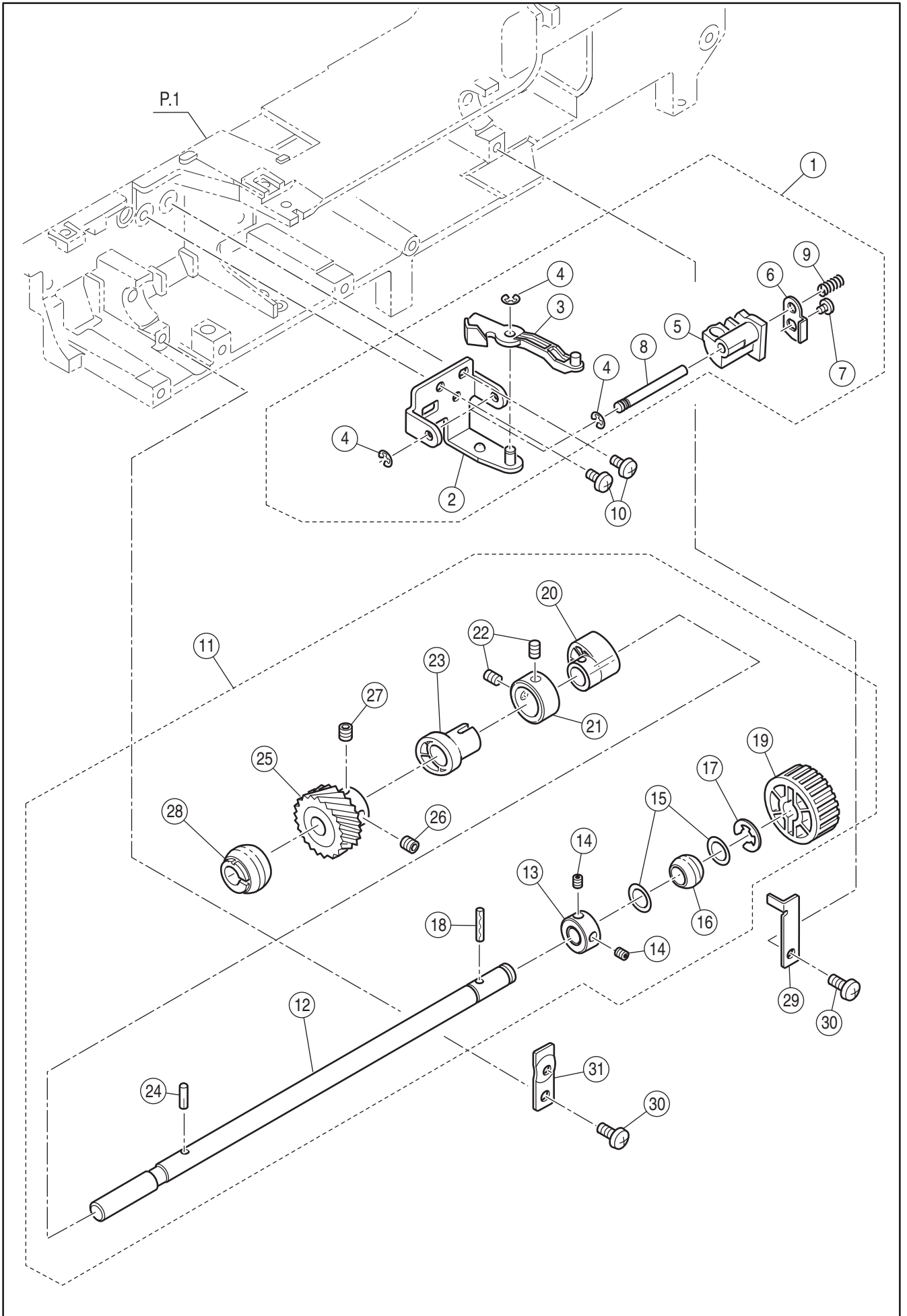
Ref No.	Part No.	Part Name	Ref No.	Part No.	Part Name
1	33977	Needle Bar Guide Assy.(Incl.2-38)	67	S11697	Set Screw
2	32790-2	Needle Bar Guide	68	32953	Presser Foot Switch Assy.
3	32791	Threader Bar	69	33591	Washer
4	32995	Pin	70	S32962	Set Screw
5	33547	Threader Holder Assy.(Incl.6-7)	71	S31293	Set Screw
6	33554	Threader Holder	72	32809	Presser Bar Assy.(Incl.73-75)
7	33555	Threader Holder Pin	73	32810	Presser Bar
8	30261-1	Spring Pin	74	32811	Presser Bar Guide Bracket
9	33550	Threader Bar Spring	75	S30805	Set Screw
10	34543	Threader Holder Spring	76	32812	Presser Spring
11	32557	Threader Hook Assy.	77	32813	Presser Bar Bush
12	32793	Needle Bar Guide Fulcrum Shaft (A)	78	32965	Snap Ring
13	S30388	Set Screw	79	S13064	Presser Foot Thumb Screw
14	32794	Needle Bar Guide Fulcrum Shaft (B)	80	01208	Needle
15	12149	Snap Ring	81	32968	Presser Foot Holder
16	33772	Needle Bar Assy.(Incl.17-20)	82	32969	Zigzag Foot
17	33659	Needle Bar	83	32814	Thread Take-Up Lever Assy.
18	32098-2	Needle Clamp Assy.	84	S12785	Set Screw
19	S32100	Needle Clamp Screw			
20	S32430	Set Screw			
21	90800	Needle Bar Clamp Assy.			
22	34170	Needle Bar Clamp Spring			
23	33549	Threader Bar Stopper			
24	S02894	Set Screw			
25	32964	Z Link Shaft			
26	32801	Z Guide Spring			
27	33556	Threader Holder Guide Plate Assy.			
28	30261	Spring Pin			
29	33557	Threader Holder Stopper			
30	33558	Threader Holder Stopper Spring			
31	31578	Washer			
32	33573	C-type Retaining Ring			
33	31584	Set Screw			
34	12453	Washer			
35	33559	Threader Holder Stopper			
36	S02802	Set Screw			
37	33588	Needle Position Adjusting Collar			
38	33436	Needle Point Limiting Shaft			
39	32932	Needle Bar Clank Rod Assy.			
40	32997	Washer			
41	32800	Spring for Needle Bar Guide Assy.			
42	S32742	Set Screw			
43	N91648	Adjustable Lock Nut			
44	33560	Z Link Bracket Unit(Incl.45-59)			
45	32803	Z Link Bracket Assy.			
46	31838	Wave Washer			
47	32804	Z Link			
48	07221	Snap Ring			
49	32959	LED Board Assy.(Incl.P2-5/33581)			
50	S33441	Set Screw			
51	33561	Threader Holder			
52	33563	Felt			
53	31967	Thread Cutter			
54	33562	Thread Cutter Fixing Plate			
55	S11167	Set Screw			
56	33435	Needle Position Limiting Plate			
57	32867	Rubber Cushion			
58	S33446	Set Screw			
59	S31582	Set Screw			
60	S31293	Set Screw			
61	32805	Presser Foot Lifter Bracket Unit (Incl.62-70)			
62	32806	Presser Foot Lifter Bracket Assy.			
63	32807	Presser Foot Lifter			
64	32808	Tension Release Connecting Plate			
65	32998	Spring			
66	12453	Washer			



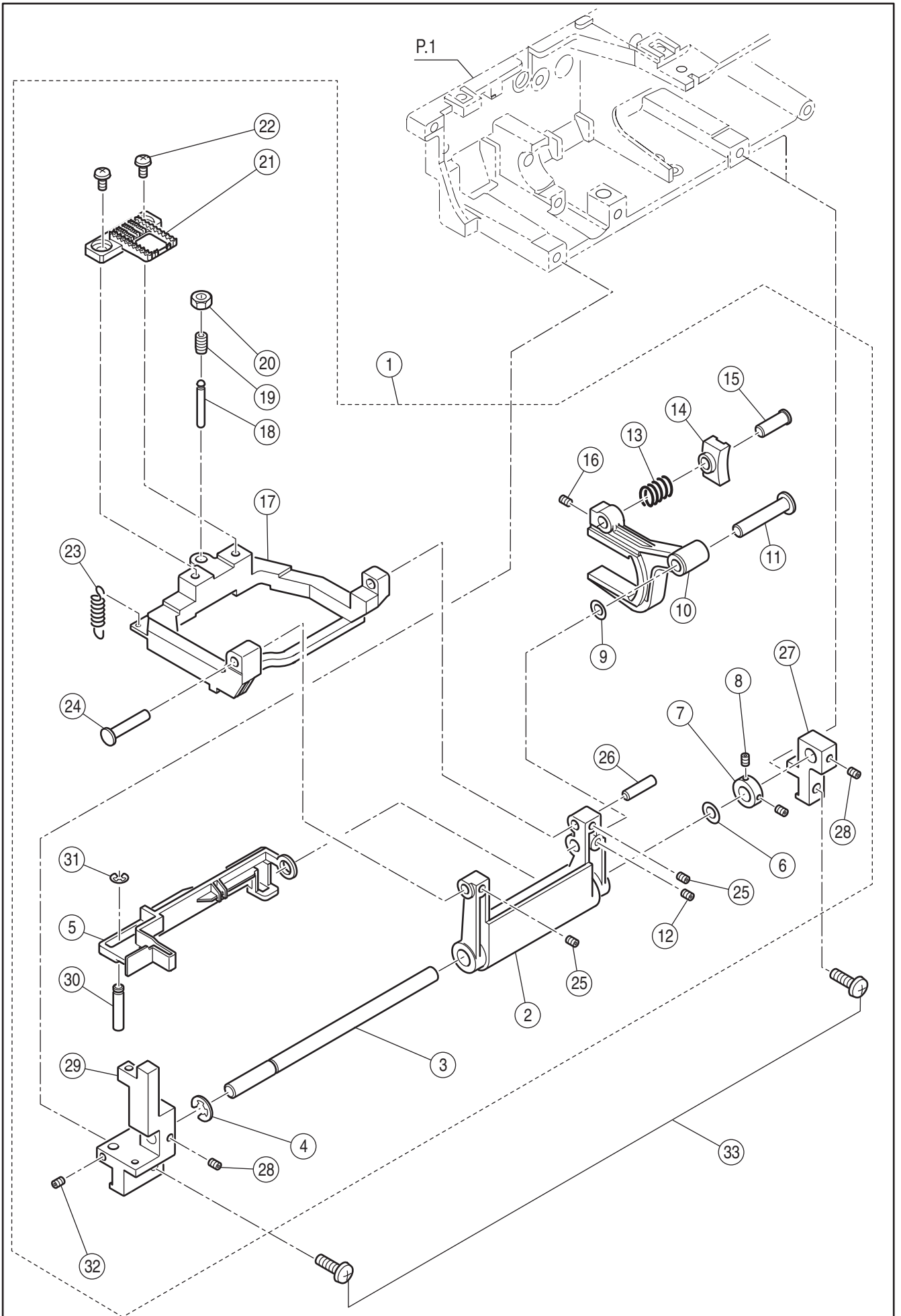
Ref	Part	
No.	No.	Part Name
1	33665	Upper Shaft Assy.
2	12005	Polyslider
3	32827	Upper Shaft Collar
4	S30388	Set Screw
5	S12544	Set Screw
6	32825	Upper Shaft Timing Pulley
7	34071	Timing Belt (Upper Shaft)
8	33666	Spring Pin
9	32993	Spring Pin
10	32834	STS Slit
11	32829	Clutch Change Collar
12	32830	Clutch Change Spring
13	32832	Belt Wheel
14	30045	Snap Ring
15	33669	Spring Pin
16	32833	Hand Wheel
17	30090	Timing Belt (Motor)
18	32820	Belt Tension Assy.(Incl.19-22)
19	32821	Belt Tension Bracket Assy.
20	32822	Tension Pulley
21	04993	Snap Ring
22	S02812	Set Screw



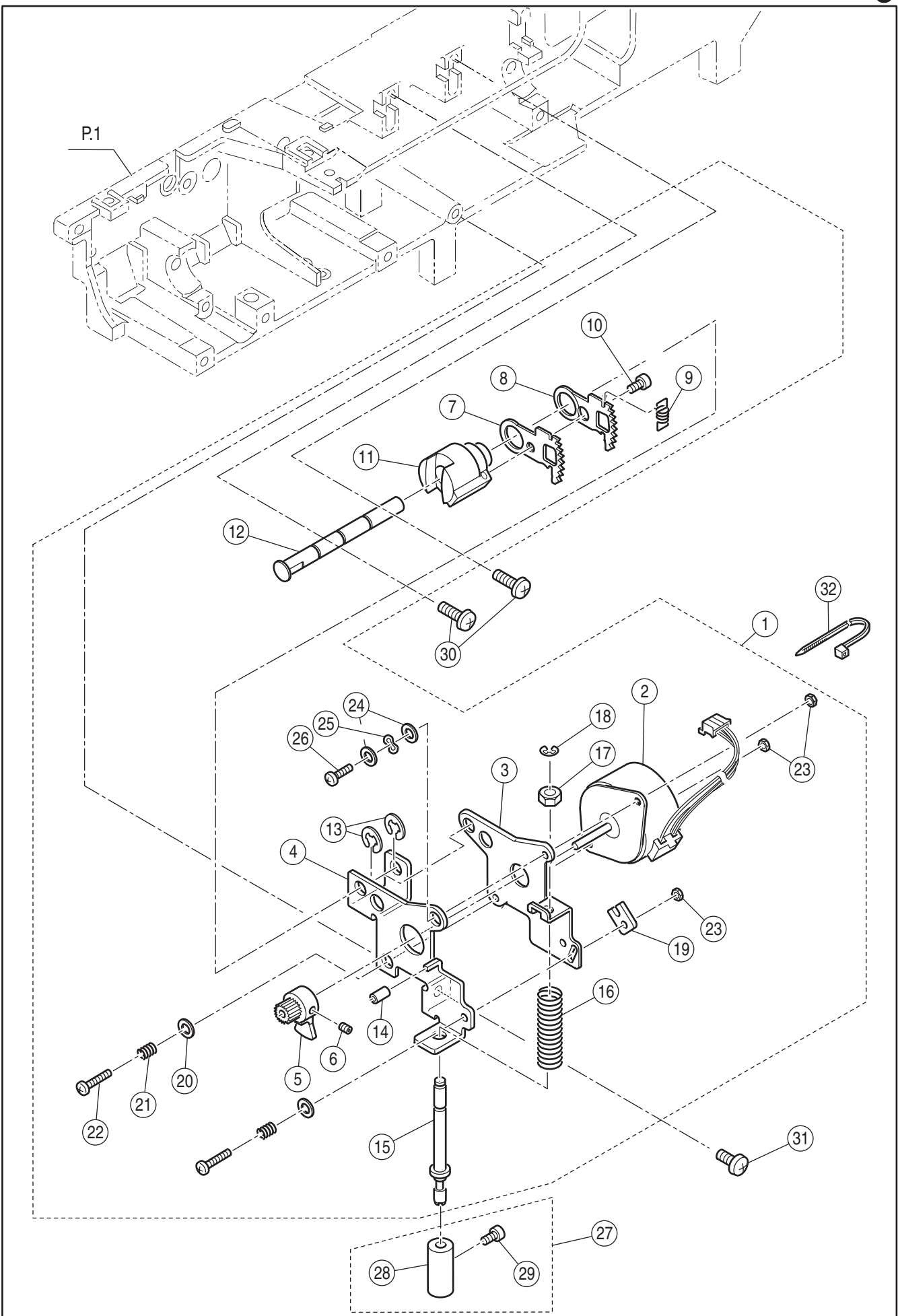
Ref	Part	Part Name
No.	No.	
1	32836	Bobbin Winder Assy (Incl.2-6)
2	07414-T	Bobbin Winder Shaft Spring
3	01352	Rubber Ring
4	32842	Bobbin Winder Switch Assy.
5	33441	Set Screw
6	11380	Cord Band
7	S31293	Set Screw
8	32843	Needle Plate Assy.(Incl.9-20)
9	32844	Needle Plate
10	31734	Slide Lever
11	32846	Bobbin Cover Plate Holder
12	32847	Slide Lever Holding Plate
13	S31843	Set Screw
14	S30200	Set Screw
15	32888	Bobbin Holder Stabilize Plate
16	S32534	Set Screw
17	33534	Bobbin Cover Support Plate
18	S30200	Set Screw
19	32879	Rubber Sheet
20	33570	Rubber Sheet
21	S32743	Set Screw
22	32845	Bobbin Cover Plate
23	32744	Hook Race Unit (Incl.24-30)
24	30113	Hook Race Assy.
25	32848	Hook Race Shaft
26	30135	Oil Wick (1)
27	30136	Oil Wick (2)
28	32454	Wave Washer
29	10995	Polyslider
30	10995-3	Polyslider
31	30118	Magnet
32	S90932	Set Screw
33	32849	Bobbin Holder Stopper Assy.(Incl.34-37)
34	32850	Bobbin Holder Stopper Bracket
35	33178	Bobbin Holder Stopper Spring
36	33179	Stop Spring
37	S32227	Set Screw
38	S02891	Set Screw
39	30457	Bobbin Holder Assy.
40	30222	Bobbin



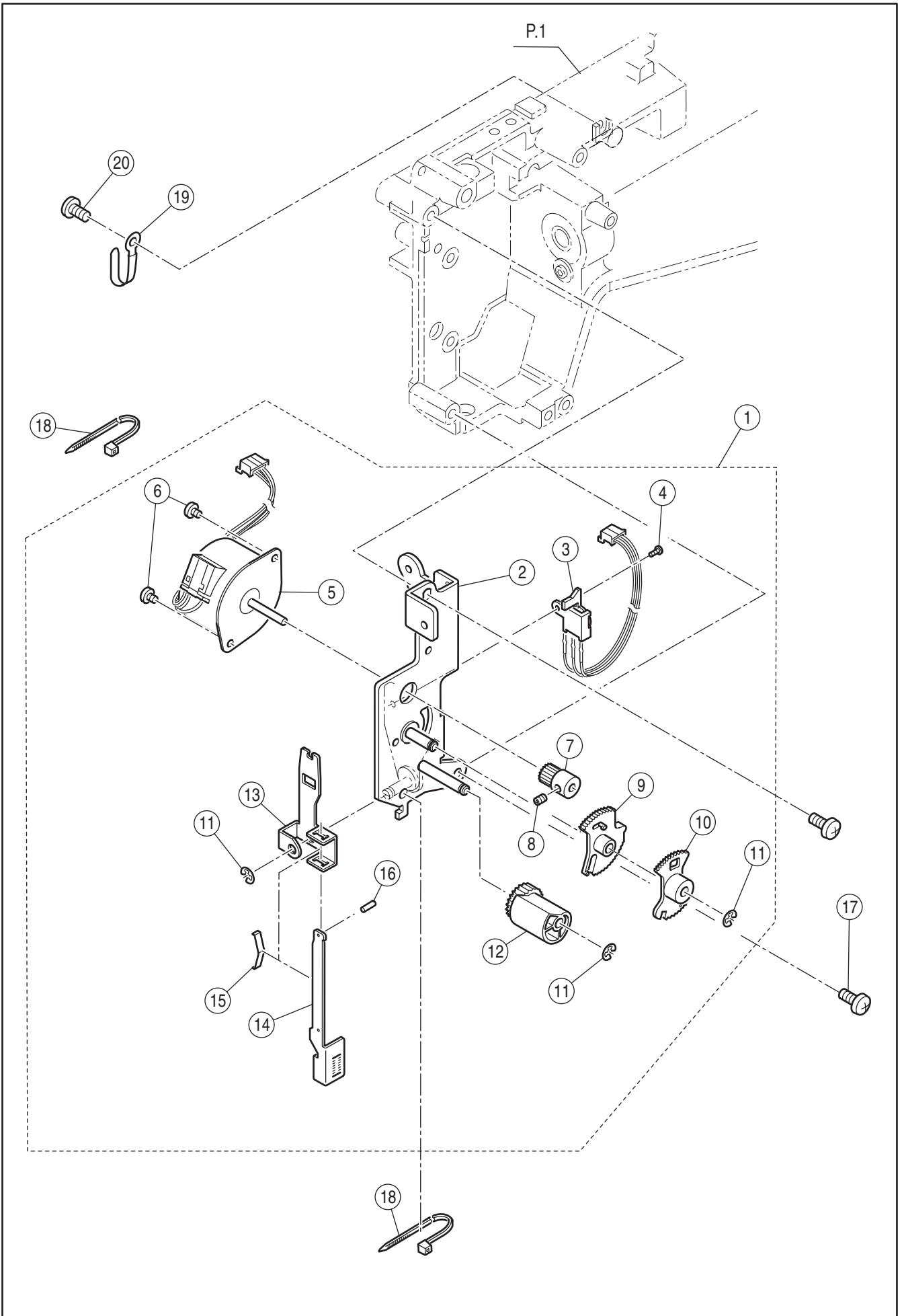
Ref No.	Part No.	Part Name
1	33824	Feed Rocking Cam Follower Assy.(Incl.2-9)
2	33825	Feed Rocking Cam Follower Bracket Assy.
3	33810	Drop Feed Arm
4	07221	Snap Ring
5	33696	Feed Rocking Cam Follower
6	33697	Feed Rocking Cam Follower Plate
7	S61043	Set Screw
8	33698	Feed Rocking Cam Follower Shaft
9	33699	Feed Rocking Cam Follower Spring
10	S2890	Set Screw
11	33682	Lower Shaft Assy.(Incl.12-28)
12	33683	Lower Shaft
13	30178	Collar
14	S12544	Set Screw
15	60254	Polyslider
16	30177	Ball Bush
17	60204	Snap Ring
18	32861	Spring Pin
19	32860	Lower Shaft Timing Pulley
20	30184	Feed Cam
21	30183	Feed Cam Collar
22	S90932	Set Screw
23	33684	Feed Rocking Cam
24	33858	Slot Spring Pin
25	33686	Lower Shaft Gear
26	S30805	Set Screw
27	S60466	Set Screw
28	32854	Lower Shaft Ball Bushing (Left)
29	32408	Ball Bushing Holder
30	S31293	Set Screw
31	32862	Ball Bushing Holder (Left)



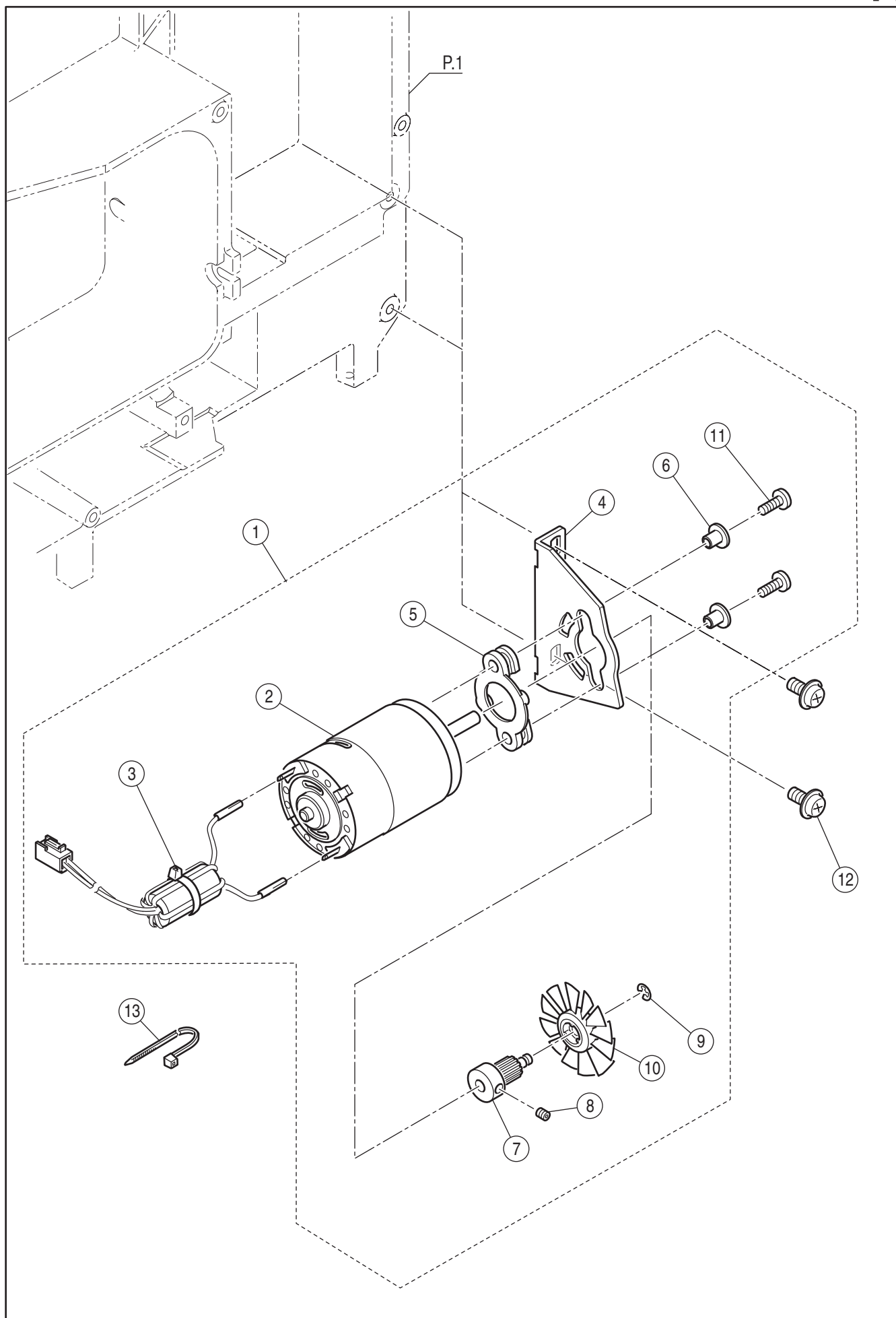
Ref No.	Part No.	Part Name
1	33822	Feed Shaft Assy.(Incl.2-32)
2	32864-2	Feed Shaft Guide
3	32865	Feed Shaft
4	07492	Snap Ring
5	33811	Drop Feed Lever
6	10995-2	Polyslider
7	33168	Feed Shaft Coller
8	S30842	Set Screw
9	33127	Polyslider
10	32880	Forked Cam Follower
11	30170	Forked Cam Follower Pin
12	S30842	Set Screw
13	32883	Feed Slide Block Spring
14	32882	Feed Slide Block
15	32881	Slide Block Shaft
16	S30842	Set Screw
17	33688	Feed Base
18	33691	Feed Rocking Connecting Rod
19	33689	Set Screw
20	N33690	Adjustable Nut
21	33185	Feed Dog
22	S02868	Set Screw
23	32873	Feed Rocking Cam Follower Spring
24	33193	Feed Base Fulcrum Shaft(Left)
25	S30842	Set Screw
26	33192	Feed Base Fulcrum Shaft (Right)
27	32877	Feed Shaft Follower (Right)
28	S30842	Set Screw
29	32878-2	Feed Shaft Follower (Left)
30	32885	Drop Feed Fulcrum Shaft
31	07221	Snap Ring
32	S30842	Set Screw
33	S12785	Set Screw



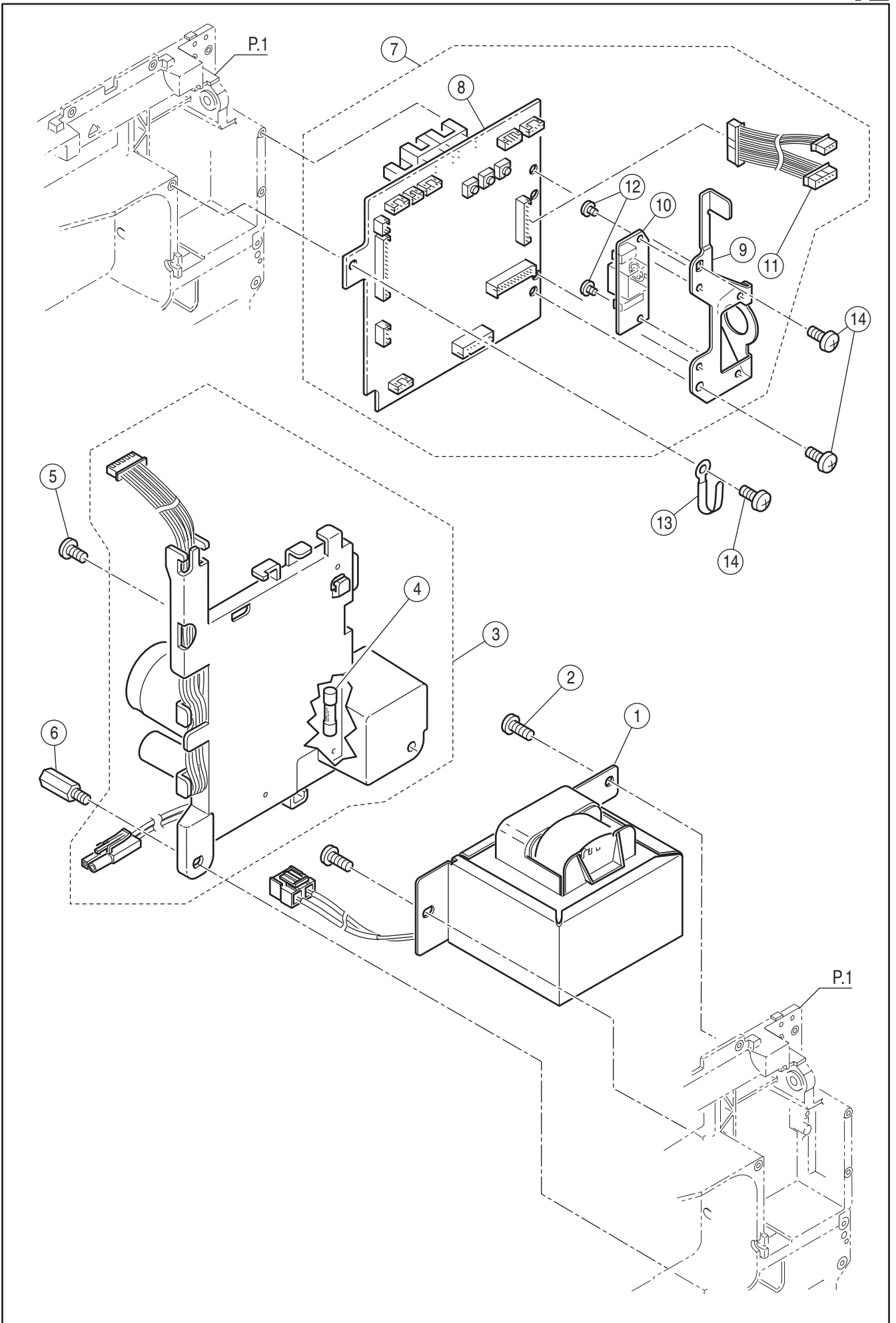
Ref No.	Part No.	Part Name
1	33330	F Pulse Motor Assy. (Incl.2-26)
2	32894	F Pulse Motor
3	32901	Adjusting Plate
4	32895	F Pulse Motor Bracket
5	32896	F Pulse Motor Gear
6	S30842	Set Screw
7	33190	Feed Regulator Gear (A)
8	33191	Feed Regulator Gear (B)
9	33187	Feed Regulator Gear Spring
10	S60800	Set Screw
11	32899	Feed Regulator
12	32900	Feed Regulator Shaft
13	07492	Snap Ring
14	32867	Rubber Cushion
15	33319	Forward-Reverse Adjustment Shaft
16	32903	Adjusting Spring
17	N12436	Nut
18	07221	Snap Ring
19	32904	Nut
20	12453	Washer
21	33322	F Pulse Motor Bracket Spring
22	S11431	Set Screw
23	N13189	Nut
24	12453	Washer
25	12487	Wave Washer
26	S11984	Set Screw
27	33455	Fine Adjustment Shaft Assy.(Incl.28-29)
28	33320	Fine Adjustment Shaft
29	S60800	Set Screw
30	S10706	Set Screw
31	S31293	Set Screw
32	11380	Cord Band



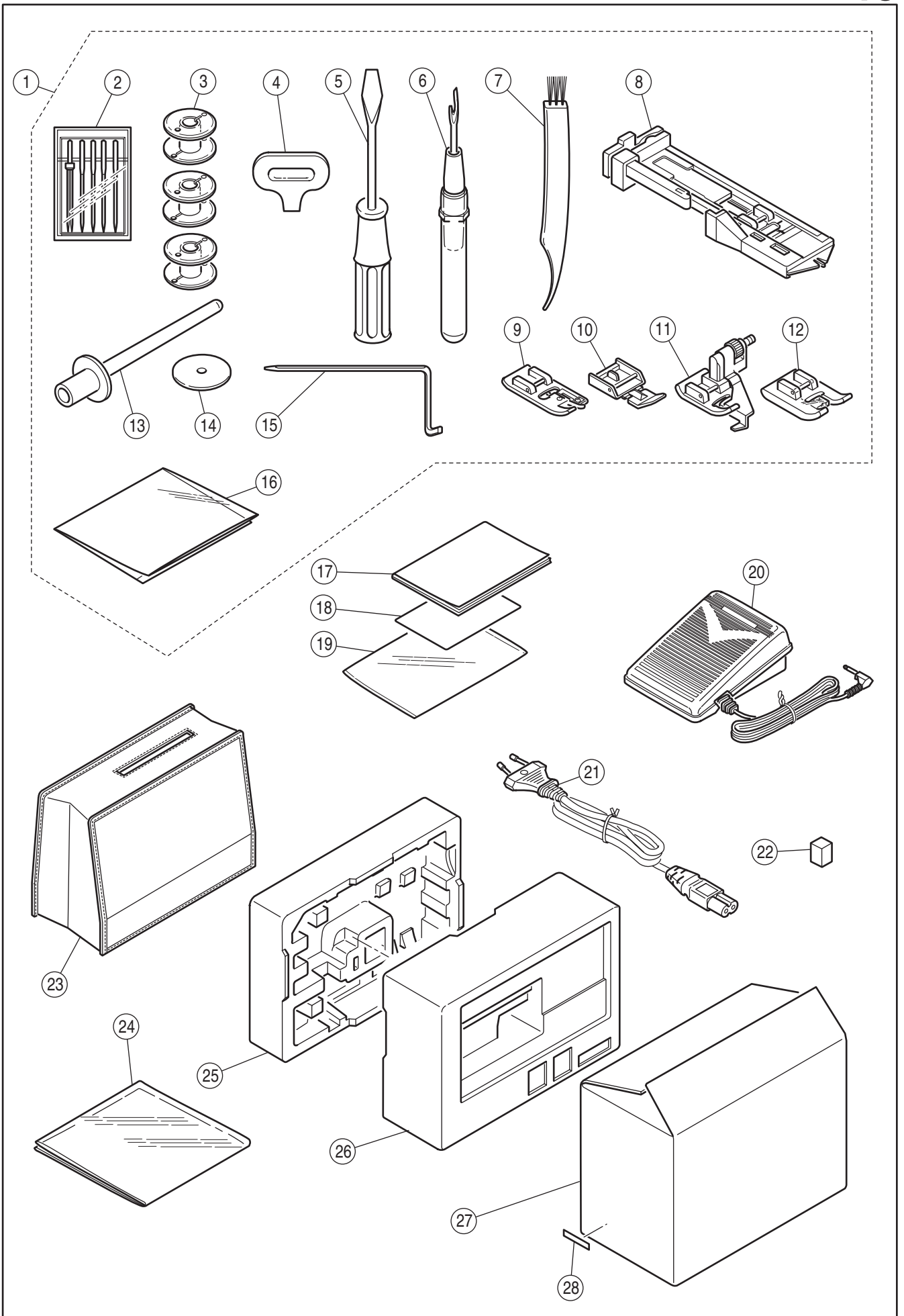
Ref No.	Part No.	Part Name
1	32905	Z Pulse Motor Assy.(Incl.2-16)
2	32906	Z Pulse Motor Bracket Assy.
3	32910	BH Switch Assy.
4	S33441	Set Screw
5	32958	Z Pulse Motor
6	S30695	Set Screw
7	32911	Z Pulse Motor Gear
8	S30842	Set Screw
9	32912	Center Gear (A)
10	32913	Center Gear (B)
11	07221	Snap Ring
12	32915	Z Cam
13	32916	BH Plate
14	32917	BH Lever
15	32918	BH Lever Spring
16	33213	Spring pin
17	S31293	Set Screw
18	11380	Cord Band
19	32955	Coating Grip
20	S31293	Set Screw



Ref	Part	
No.	No.	Part Name
1	32919	Motor Assy. (Incl.2-11)
2	32920	Motor
3	33136	Harnes Assy.
4	32921	Motor Bracket
5	32922	Rubber Cushion
6	32923	Motor Collar
7	32924	Motor Pulley
8	S12544	Set Screw
9	07221	Snap Ring
10	32925	Motor Fan
11	S02810	Set Screw
12	S02903	Set Screw
13	11380	Cord Band



Ref	Part	
No.	No.	Part Name
1	33829	Transformer
2	S31842	Set Screw
3	33985	Power Circuit Unit (Incl.4)
4	FU025	Fuse
5	S02812	Set Screw
6	31719	Stud
7	34857	C.P.U. Board Unit (Incl.8-12)
8	34858	C.P.U. Board Assy.
9	34409	M.D.Connector Bracket
10	34382	M.D.Connector Board Assy.
11	LD273	M.D.Connector Harnes
12	S11697	Set Screw
13	32955	Coating Grip
14	S02812	Set Screw



Ref No.	Part No.	Part Name
1	33799-2	Accessory Kit (Incl.2-16)
2	33814	Needle Set
3	30222	Bobbin
4	31089	Screw Driver for Needle Plate
5	02000-T	Screw Driver (L)
6	02024	Stitch Ripper
7	90903	Brush
8	33592	Buttonhole Foot
9	30244-2	Overcasting Foot
10	90867-2	Zipper Foot
11	30218-2	Blind Stitch Foot
12	34445	Satin Stitch Foot
13	33815	Extra Spool Stand
14	01407	Felt Washer
15	11117	Quilting Guide
16	34949	Vinyl Bag
17	34967	Instruction Manual
18	34107-9	Pattern Card
19	33156	Vinyl Bag
20	31098-2	Foot Controller
21	33981	Power Cord
22	33427	Styroform
23	30225	Carrying Case
24	33520	Vinyl Bag
25	33348-2	Styroform
26	33348-1	Styroform
27	34971	Carton Box
28	33979	Serial No.Sticker