

PARTS LIST & INSTRUCTION

JJ *SERIES*

Industrial Sewing Machines

JJ30
JJ31

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No.KX14028

KANSAI
SPECIAL®

パーツブック御利用に際して

■このパーツブックは、2014年07月製造中のJJシリーズのデータに基づいて作成されたものです。

■各機構別に収録され、左側のページに分解イラスト図、右側のページに部品番号、名称、及び数量が記載されています。

■この本の最後に部品番号インデックスを記載しています。
部品番号からの図解、名称の検索に御利用下さい。

■部品は、予告なく変更される場合がありますので、あらかじめ御了承下さい。

INTRODUCTION

■This parts book is based on data current JULY 2014.

■Each mechanism is arranged on facing pages. You will find listed for parts number, names, and quantities.

■A parts number index is attached to the back of this book for convenience.

■Parts are subject to change without notice.

JJシリーズ 表示方法

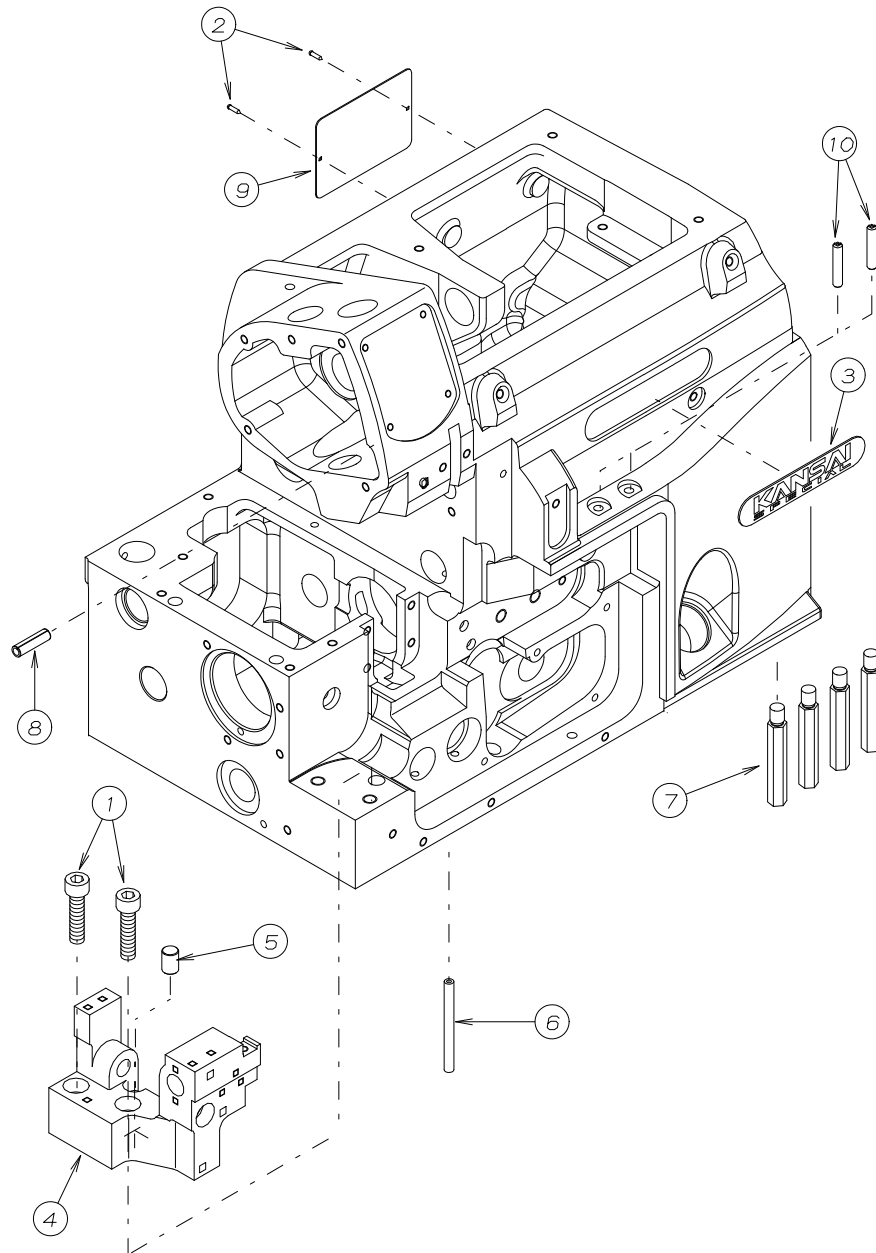
JJ SERIES INFORMATION

JJ3004 (G) S		01M		4	/ ? / ?
モデルの分類	縫目形式 (ISO)	縫容量	用途	ゲージ	特殊仕様
オーバーロック JJ30	503:03 (1本針, 2本糸 サージング)	S:スタンダードリフト	01-地縫	かがり幅	アタッチメント
インターロック JJ31	504:04 (1本針, 3本糸 地縫い)	H:ハイリフト	10-裾引き	針幅×かがり幅	省力装置
	505:05 (1本針, 3本糸 裾引き)	E:超ハイリフト	20-下巻縫	針幅×針幅×かがり幅	その他
Model type	514:14 (2本針, 4本糸 地縫い)	Sewing capacity	40-テープ付	Sewing gauge	Special description
Overlock JJ30	516:16 (2本針, 5本糸 安全縫い)	S:Standard lift	50-バックタック	Seam width	Attachment
Interlock JJ31	401	H:High lift	90-多用途	Needle space x Seam width	Labor sewing device
	+ :43 (3本針, 6本糸 安全縫い)	E:Extra High lift	02-小廻り仕様	Needle space x Needle space x Seam width	Another
	514		03-トラクター押え付		
	Seam type (ISO)		WG-手袋縫い		
	503:03 (1 needle, 2 threads Serging)		Applications	生地の厚さ	Material thickness
	504:04 (1 needle, 3 threads Plain seaming)		01-Plain seaming	F:薄物	F:Fine
	505:05 (1 needle, 3 threads Blindstitch hemming)		10-Blindstitch hemming	M:薄物~中厚	M:Fine~Medium
	514:14 (2 needles, 4 threads Plain seaming)		20-Turn down hemming	H:厚物	H:Heavy
	516:16 (2 needles, 5 threads Safety stitch)		30-Shirring	X:極厚物	X:Extra heavy
	401		40-Attaching tape (50-Backlatching)		
	+ :43 (3 needles, 6 threads Safety stitch)		90-Multi-use		
	514		02-Keen curved seaming available		
			03-With tractor foot		
			WG-Work Glove Hemming		

目次 CONTENTS

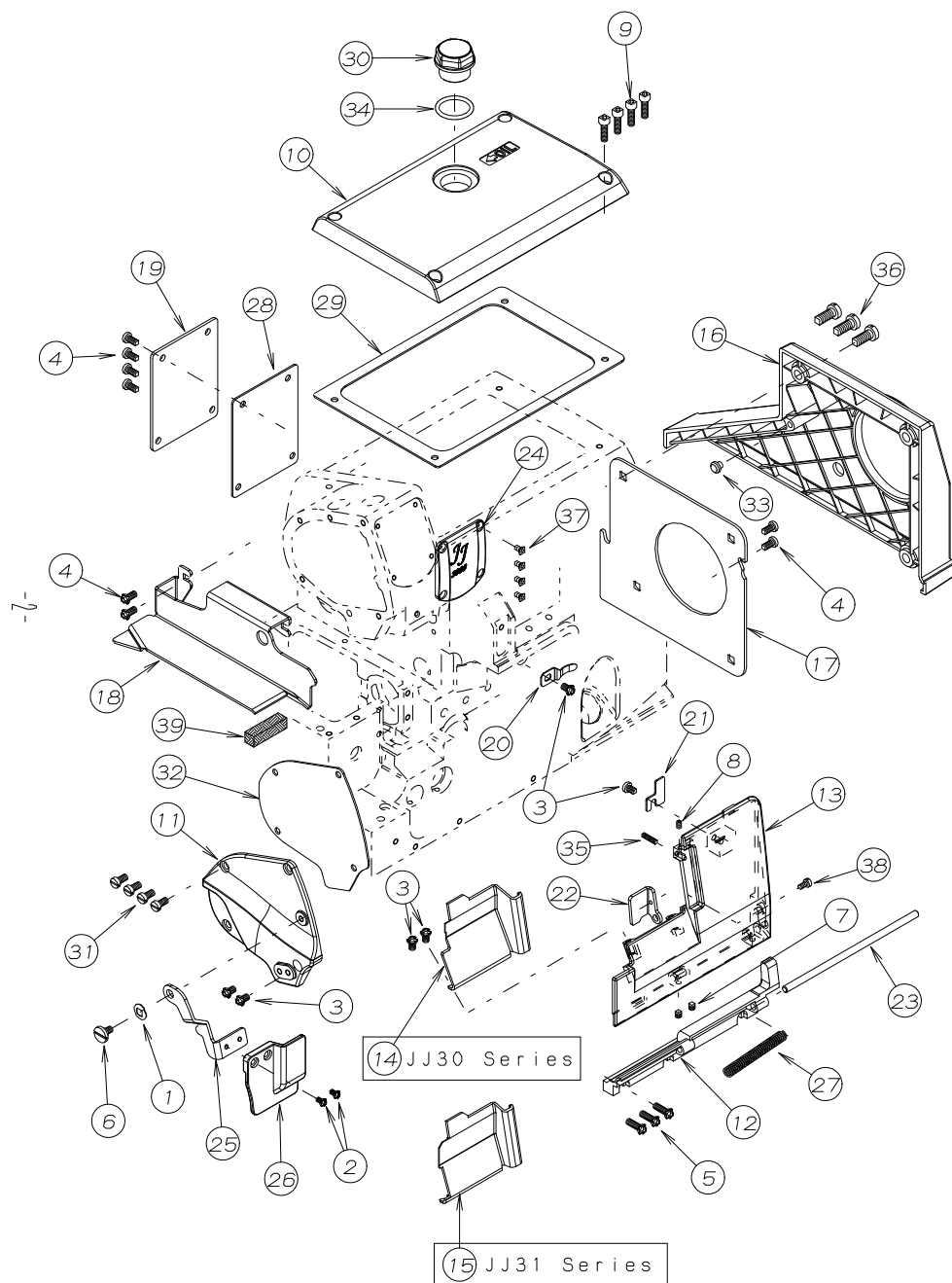
1. フレーム関係	FRAME ASSEMBLY	1
2. カバー関係 (1)	COVER ASSEMBLY (1)	2
3. カバー関係 (2)	COVER ASSEMBLY (2)	3
4. ブッシュ機構	BUSHING	4
5. 下軸機構	CRANKSHAFT MECHANISM	5
6. 針棒機構	NEEDLE BAR MECHANISM	6
7. 上ルーパー機構	UPPER LOOPER MECHANISM	7
8. 下ルーパー機構	LOWER LOOPER MECHANISM	8
9. 送り機構 (1)	FEED MECHANISM (1)	9
10. 送り機構 (2)	FEED MECHANISM (2)	10
11. 上下メス機構	KNIFE MECHANISM	11
12. 押え揚げ機構	PRESSER FOOT MECHANISM	12
13. 給油機構	LUBRICATION MECHANISM	13
14. 糸調子機構 (1)	THREAD TENSION (1)	14
15. 糸調子機構 (2)	THREAD TENSION (2)	15
16. 糸調子機構 (3)	THREAD TENSION (3)	16
17. 糸調子機構 (4)	THREAD TENSION (4)	17
18. 二重環ルーパー機構 (1)	CHAINSTITCH LOOPER MECHANISM (1)	18
19. 二重環ルーパー機構 (2)	CHAINSTITCH LOOPER MECHANISM (2)	19
20. 針冷却装置	NEEDLE COOLER DEVICE	20
21. 糸立台	THREAD STAND	21
22. 当定規	EDGE GUIDE	22
23. アクセサリー	ACCESSORIES	23
24. 専用部品 (1)	SPECIFIC PARTS (1) JJ3014H-40M	24
25. 専用部品 (2)	SPECIFIC PARTS (2) JJ3116S-02M JJ3014H, JJ3143H, JJ3116E	25
26. 専用部品 (3)	SPECIFIC PARTS (3) JJ3005S-10M	26
27. 専用部品 (4)	SPECIFIC PARTS (4) JJ3116S-30M	27
28. 専用部品 (5)	SPECIFIC PARTS (5) JJ3004S-50M	28
29. 主軸セット一覧表	CRANKSHAFT SET PARTS TABLE	29
30. 糸通し図一覧表	THREADING DIAGRAM	30
31. JJ30 ゲージ一覧表 (1)	JJ31 GAUGE PARTS TABLE	31
32. JJ30 ゲージ一覧表 (2)	JJ31 GAUGE PARTS TABLE	32
33. JJ31 ゲージ一覧表 (1)	JJ31 GAUGE PARTS TABLE	33
34. JJ31 ゲージ一覧表 (2)	JJ31 GAUGE PARTS TABLE	34

1. フレーム関係 FRAME ASSEMBLY



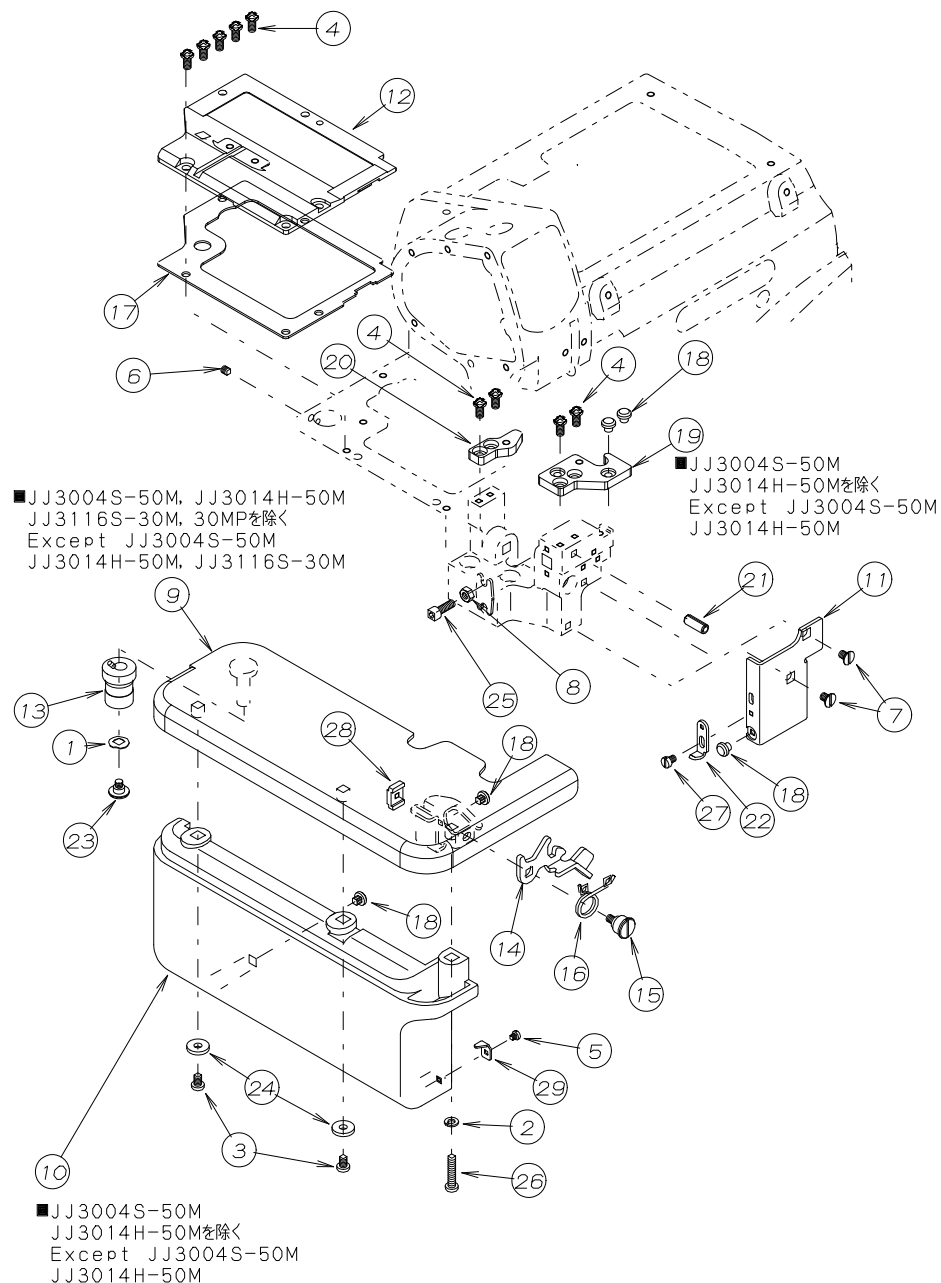
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
01-01	54-142	六角穴付きボルト	BOLT	2
01-02	54-172	ピン	PIN	2
01-03	54-191	銘板シール	BRAND NAME PLATE	1
01-04	54-312	メス土台	BRACKET	1
01-05	54-466	平行ピン	PIN	1
01-06	54-467	スプリングピン	SPRING PIN	1
01-07	54-468	支柱ネジ	PIN	4
01-08	54-469	スプリングピン	SPRING PIN	1
01-09	54-675	機番	PLATE	1
01-10	56-377	糸案内パイプ	PIPE	2

2. カバー関係 (1) COVER ASSEMBLY (1)



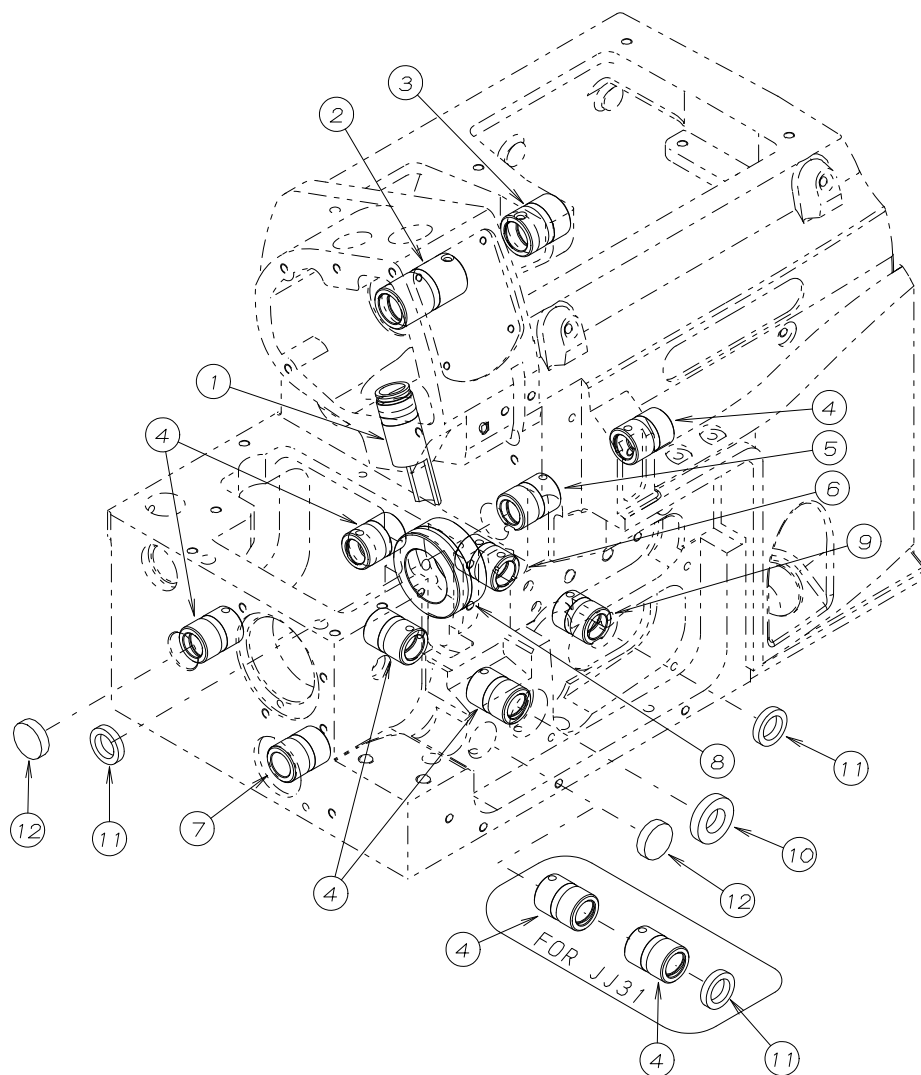
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
02-01	54-026	波座金	WASHER	1
02-02	54-109	プラマイナベ小ネジM3x5L	SCREW M3x5L	2
02-03	54-112	プラマイナベ小ネジM4x6L	SCREW M4x6L	6
02-04	54-113	プラマイナベ小ネジM4x8L	SCREW M4x8L	8
02-05	54-121	プラマイナベ小ネジM4x12L	SCREW M4x12L	3
02-06	54-130	段ネジ	SCREW	1
02-07	54-133	ネジ	SCREW	2
02-08	54-137	ネジ	SCREW	1
02-09	54-144	六角穴付きボルト	BOLT	4
02-10	54-303	トップカバー	TOP COVER	1
02-11	54-304	面板	HEAD COVER	1
02-12	54-305	カバーヒンジ	HINGE	1
02-13	54-306	フロントカバー	FRONT COVER	1
02-14	54-307	切屑カバー (オーバー)	FRONT COVER LEFT (OVER)	1
02-15	54-308	切屑カバー (インター)	FRONT COVER LEFT (INTER)	1
02-16	54-309	プーリーカバー	PULLEY COVER	1
02-17	54-314	サイドカバー右	FAN COVER	1
02-18	54-315	布案内	FABRIC GUARD	1
02-19	54-318	後カバー	COVER PLATE	1
02-20	54-332	カバーラッチ (B)	LATCH (B)	1
02-21	54-333	カバーラッチ (A)	LATCH (A)	1
02-22	54-334	カバーフック	LATCH	1
02-23	54-335	カバーヒンジ軸	PIN	1
02-24	54-336	銘板	BRAND NAME PLATE	1
02-25	54-337	カバー取付板	BRACKET	1
02-26	54-338	アイガード	EYE GUARD	1
02-27	54-339	カバー圧縮バネ	SPRING	1
02-28	54-340	後カバーパッキン	GASKET	1
02-29	54-341	トップカバーパッキン	GASKET	1
02-30	54-342	オイルボッド	OIL SIGHT WINDOW	1
02-31	54-343	平小ネジ	SCREW	4
02-32	54-357	面板パッキン	GASKET	1
02-33	54-359	カバークッション	RUBBER	1
02-34	54-362	Oリング	O-RING	1
02-35	54-482	六角穴付き止めネジ	SCREW	1
02-36	54-495	平小ネジ	SCREW	3
02-37	54-498	六角穴付き皿小ネジ	SCREW	4
02-38	54-573	平小ネジ	SCREW	1
02-39	54-677	スポンジゴム	RUBBER	1

3. カバー関係 (2) COVER ASSEMBLY (2)



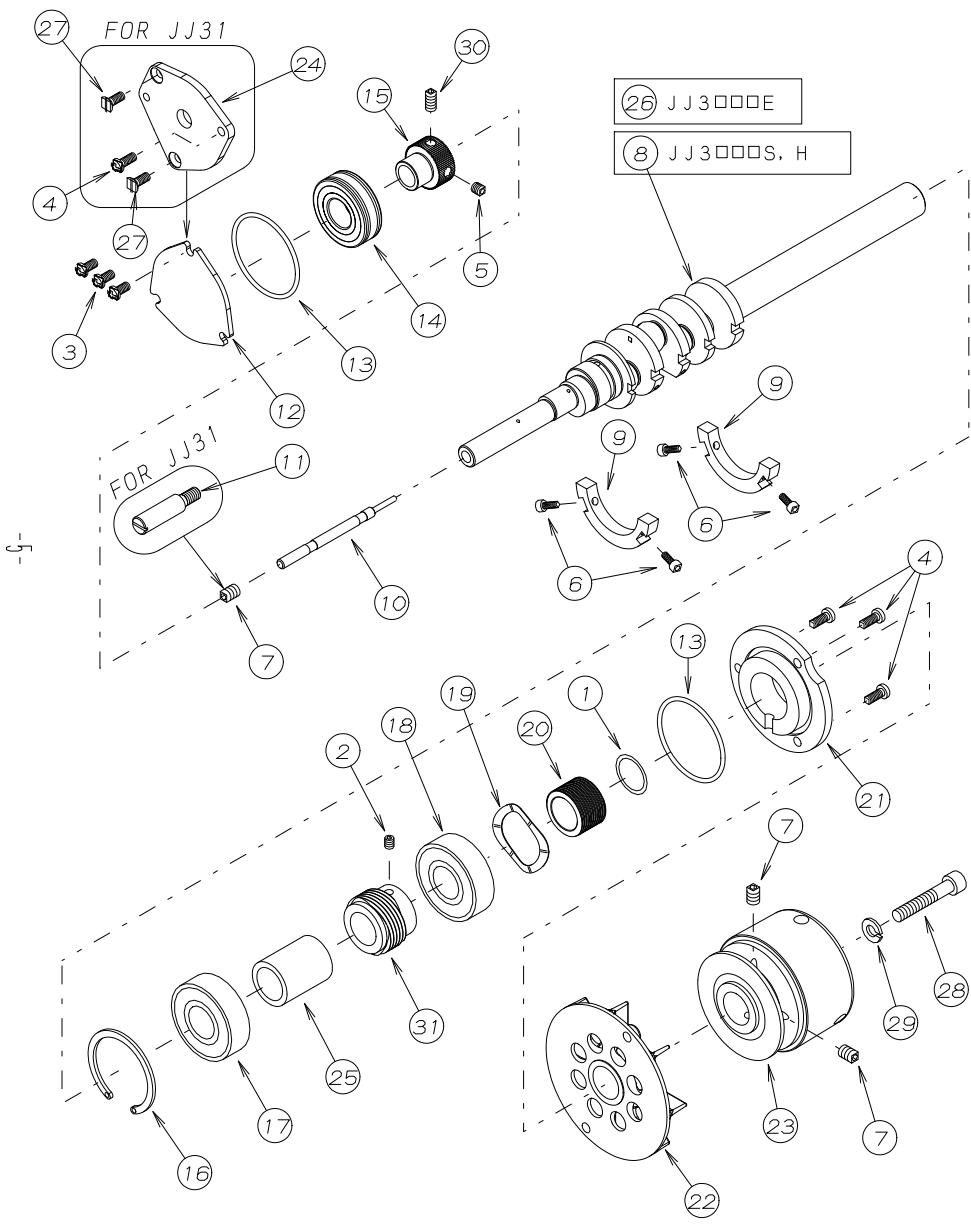
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
03-01	54-026	波座金	WASHER	1
03-02	54-073	バネ座金 4	SPRING WASHER	1
03-03	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	2
03-04	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	9
03-05	54-117	平小ネジ M3×3L	SCREW M3×3L	1
03-06	54-133	ネジ	SCREW	1
03-07	54-150	皿ネジ M4	SCREW M4	2
03-08	54-159	六角ナット	NUT	1
03-09	54-3100-1	クロスプレート (幅広)	CLOTH PLATE (WIDE)	1
03-10	54-311	サイドカバー (幅広)	SIDE COVER (WIDE)	1
03-11	54-313	メス土台カバー	COVER	1
03-12	54-316	ベッドカバー	BET COVER	1
03-13	54-328	偏心ブッシュ	BUSHING	1
03-14	54-329	開閉レバー	LEVER	1
03-15	54-330	段付ネジ	SCREW	1
03-16	54-331	コイルバネ	SPRING	1
03-17	54-344	ベッドカバーパッキン	GASKET	1
03-18	54-359	カバークッション	RUBBER	5
03-19	54-360	針板取付板前	NEEDLE SUPPORT BRACKET FRONT	1
03-20	54-361	針板取付板後	NEEDLE SUPPORT BRACKET REAR	1
03-21	54-386	スプリングピン	SPRING PIN	1
03-22	54-387	ラッチ	LATCH	1
03-23	54-439	段ネジ	SCREW	1
03-24	54-483	平座金	WASHER	2
03-25	54-500	六角穴付きボルト	SCREW	1
03-26	54-511	プラマイナベ小ネジ	SCREW	1
03-27	54-512	平小ネジ	SCREW	1
03-28	54-654	ブラケット	BRACKET	1
03-29	54-665	ラッチ	PLATE	1

4. ブッシュ機構 BUSHING



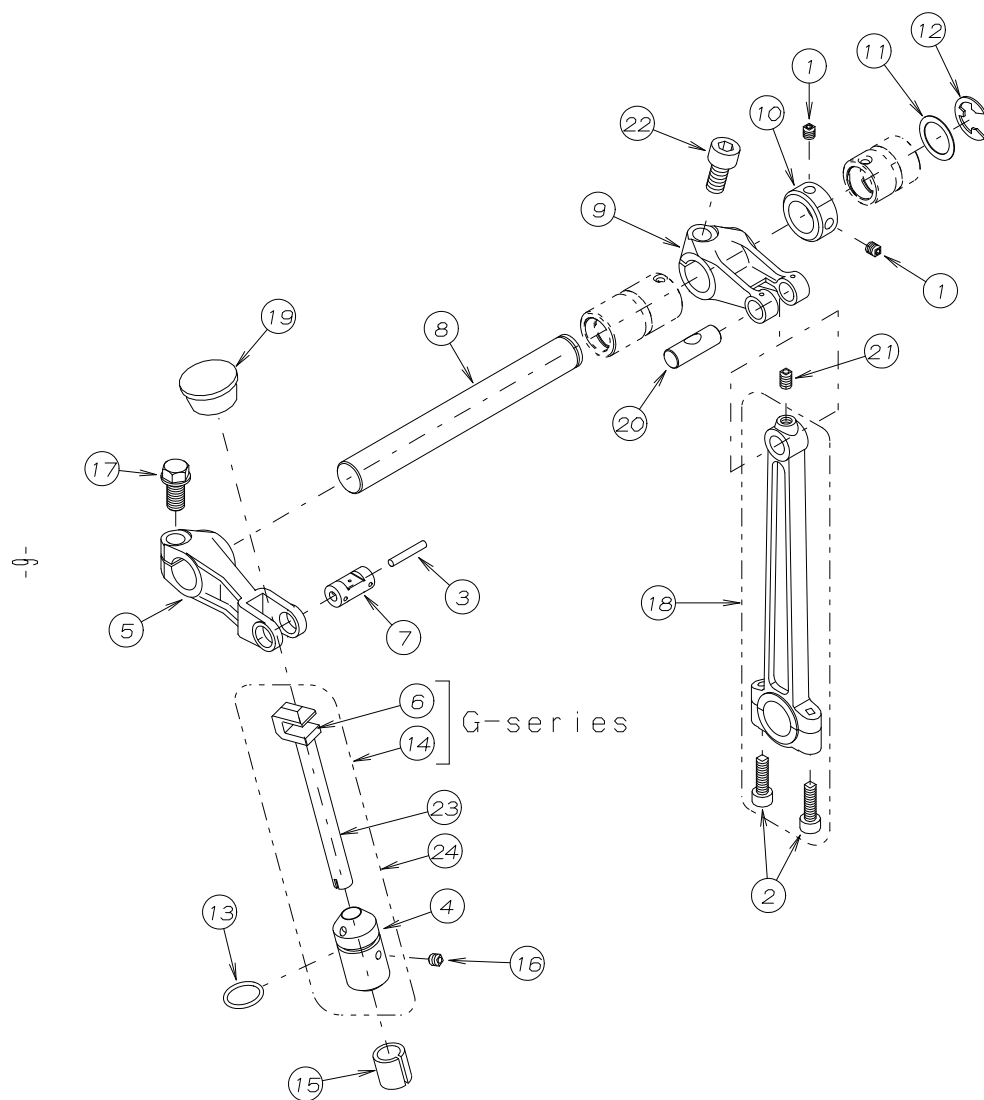
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
04-01	54-320	押え棒ブッシュ	BUSHING	1
04-02	54-321	針振り軸前ブッシュ	BUSHING	1
04-03	54-322	針振り軸後ブッシュ	BUSHING	1
04-04	54-323	下ルーパー軸ブッシュ	BUSHING	7
04-05	54-324	上メス前ブッシュ	BUSHING	1
04-06	54-325	上ルーパー軸後ブッシュ	BUSHING	1
04-07	54-326	差動レバー軸ブッシュ	BUSHING	1
04-08	54-327	主軸ブッシュ	BUSHING	1
04-09	54-385	上ルーパー軸前ブッシュ	BUSHING	1
04-10	54-398	オイルシール	OIL SEAL	1
04-11	54-434	オイルシール	OIL SEAL	3
04-12	54-577	盲栓	PLUG	2

5. 下軸機構 CRANKSHAFT MECHANISM



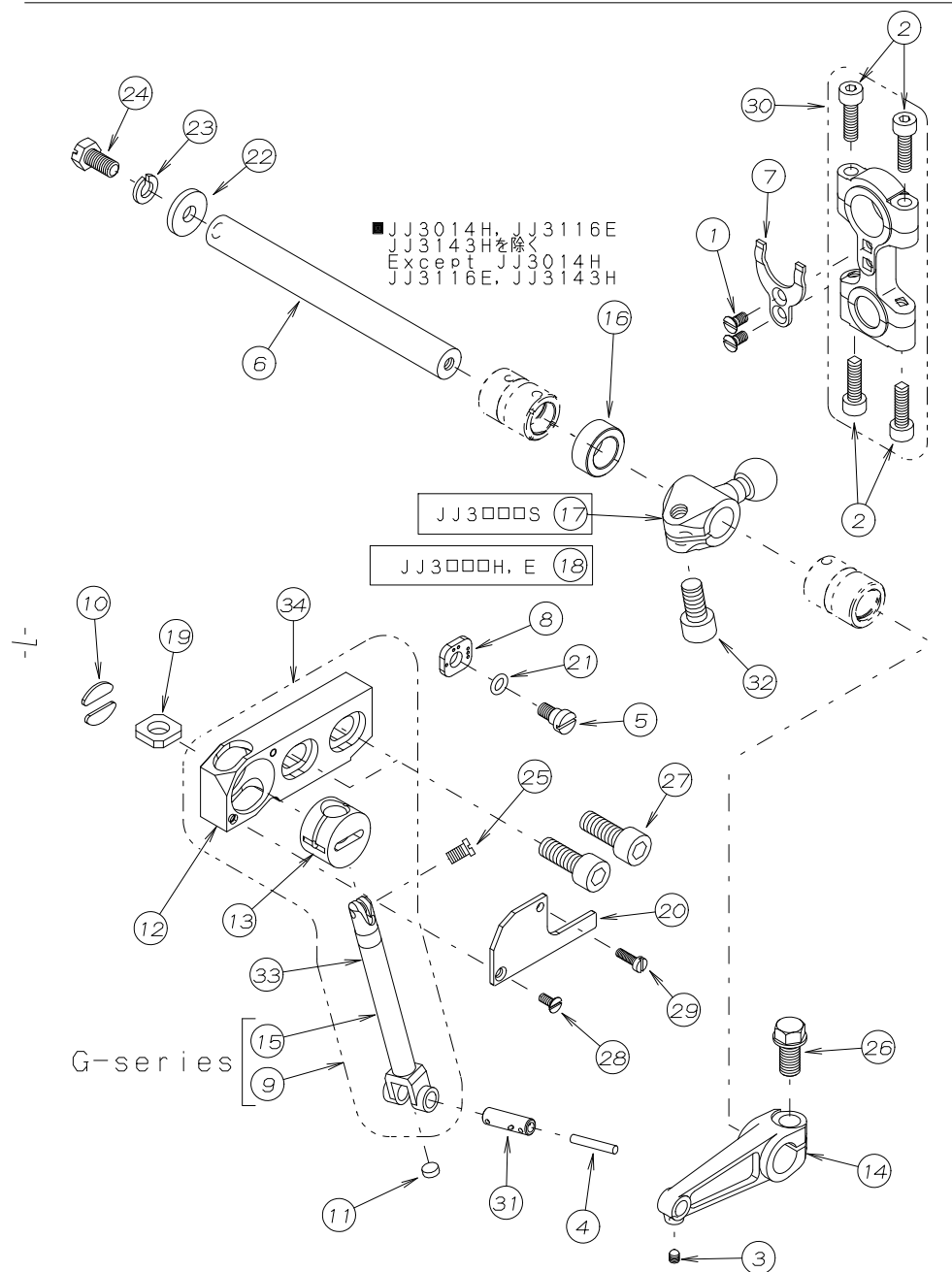
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
05-01	54-031	Oリング 1017	O-RING	1
05-02	54-100	六角穴付止めネジ	SCREW	1
05-03	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	3
05-04	54-114	プラマイナベ小ネジM4×10L	SCREW M4×10L	4
05-05	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	1
05-06	54-136	六角穴付ボルト	SCREW	4
05-07	54-148	六角穴付止めネジ	SCREW	3
05-08	54-513	クランクシャフト (S. H)	CRANKSHAFT (S. H)	1
05-09	54-514	バランスウェイト	BALANCE WEIGHT	2
05-10	54-515	段付ピン	PIN	1
05-11	54-516	下糸カム軸	PIN	1
05-12	54-517	蓋 (オーバー)	COVER	1
05-13	54-518	Oリング	O-RING	2
05-14	54-519	ボールベアリング	BALL BEARING	1
05-15	54-520	ラチェット	RATCHET	1
05-16	54-521	止め輪	RING	1
05-17	54-522	ボールベアリング	BALL BEARING	1
05-18	54-523	ボールベアリング	BALL BEARING	1
05-19	54-524	波圧金	WAVE WASHER	1
05-20	54-525	油切カラー	SEAL COLLAR	1
05-21	54-526	フレンジ	FLANGE	1
05-22	54-527	冷却ファン	COOLING FAN	1
05-23	54-528	プーリー	MACHINE PULLEY	1
05-24	54-529	蓋 (インター)	COVER (INTER)	1
05-25	54-530	スペーサー	SPACER	1
05-26	54-531	クランクシャフト (E)	CRANKSHAFT (E)	1
05-27	54-532	スリワリ付皿ネジ	SCREW	2
05-28	54-579	六角穴付ボルト	BOLT	1
05-29	54-580	パネ圧金	WASHER	1
05-30	54-590	六角穴付止めネジ	SCREW	1
05-31	54-630	ウォーム	WORM	1

6. 針棒機構 NEEDLE BAR MECHANISM



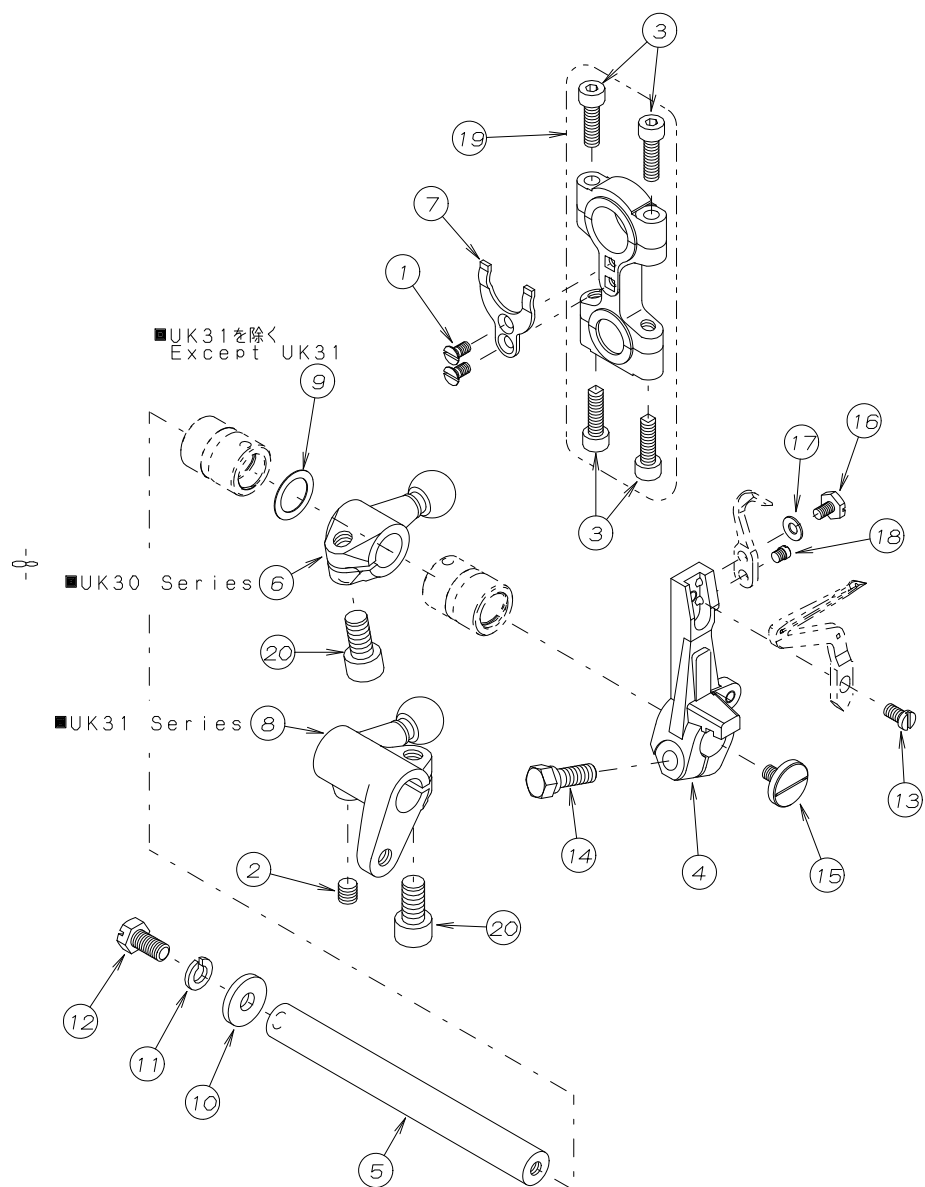
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
06-01	54-133	ネジ	SCREW	2
06-02	54-144	六角穴付きボルト	BOLT	2
06-03	54-193	フェルト	FELT	1
06-04	54-319	針棒ブッシュ	BUSHING	1
06-05	54-345	針棒レバー	NEEDLE DRIVE LEVER	1
06-06	54-346	針棒	NEEDLE BAR	1
06-07	54-347	針棒リンクピン	LINK PIN	1
06-08	54-348	針振り駆動軸	NEEDLE DRIVE SHAFT	1
06-09	54-349	針棒クランクレバー	NEEDLE CRANK LEVER	1
06-10	54-352	スラストカラー	COLLAR	1
06-11	54-353	スラストワッシャ	WASHER	1
06-12	54-354	E形止め輪	E-RING	1
06-13	54-355	Oリング	O-RING	1
06-14	54-3560-1	針棒 (組)	NEEDLE BAR ASS'Y	1
06-15	54-358	フェルト	OIL FELT	1
06-16	54-484	六角穴付き止めネジ	SCREW	1
06-17	54-489	フランジ付き六角ボルト	BOLT	1
06-18	54-5980-1	針棒クランクロッドセット	ROD ASSY	2
06-19	56-044	ゴム栓	PLUG	1
06-20	56-293	ピン	PIN	1
06-21	56-294	六角穴付止めネジ M4x6L	SCREW M4x6L	1
06-22	56-295	六角穴付ボルト M6x0.75x12L	SCREW M6x0.75x12L	1
06-23	54-705	針棒	NEEDLE BAR	1
06-24	54-7060-1	針棒 (組)	NEEDLE BAR ASS'Y	1

7. 上ルーパー機構 UPPER LOOPER MECHANISM



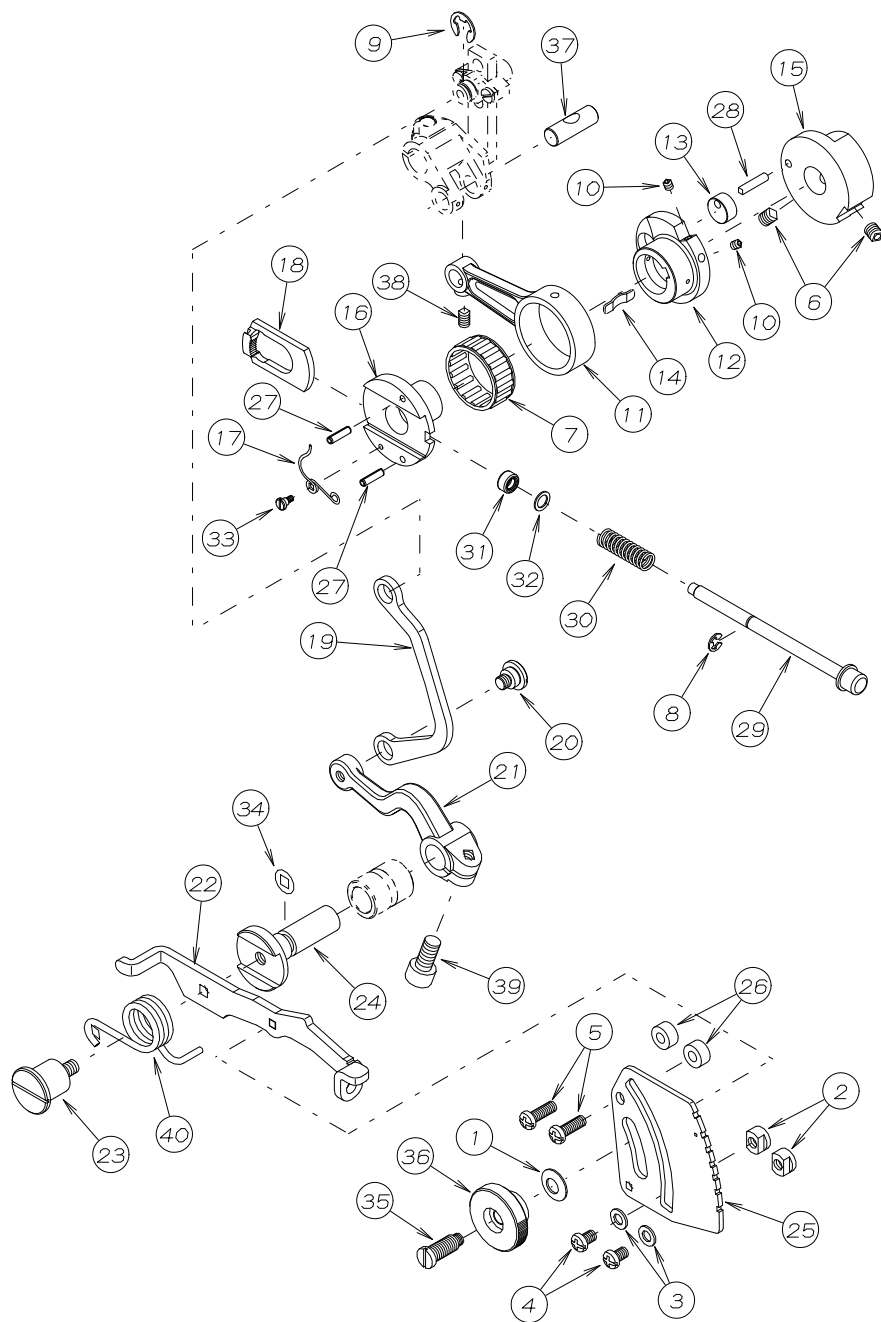
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
07-01	54-119	スリワリ付皿小ネジM3×6L	SCREW M3×6L	2
07-02	54-144	六角穴付きボルト	BOLT	4
07-03	54-147	六角穴付き止めネジ トガリ	SCREW	1
07-04	54-193	フェルト	FELT	1
07-05	54-392	段ネジ	SCREW	1
07-06	54-394	ルーパー軸	SHAFT	1
07-07	54-397	ロッド振れ止め	GUIDE	1
07-08	54-399	ガイドプレート	GUIDE PLATE	1
07-09	54-4000-1	上ルーパー台 (組)	UPPER LOOPER GUIDE ASSY	1
07-10	54-401	フェルト	FELT	2
07-11	54-402	ゴム栓	PLUG	1
07-12	54-403	上ルーパー案内土台	UPPER LOOPER BRACKET	1
07-13	54-404	上ルーパー案内玉	UPPER LOOPER HOLDER GUIDE	1
07-14	54-405	上ルーパー振りレバー	LEVER	1
07-15	54-406	上ルーパー台	UPPER LOOPER HOLDER	1
07-16	54-407	スペーサー	COLLAR	1
07-17	54-409	上ルーパーロット玉 (S)	CRANK (S)	1
07-18	54-410	上ルーパーロット玉 (H)	CRANK (H)	1
07-19	54-411	フェルト	FELT	1
07-20	54-412	上ルーパー案内玉用カバー	COVER	1
07-21	54-431	Oリング	O-RING	1
07-22	54-480	平座金	WASHER	1
07-23	54-481	スプリングワッシャー	SPRING WASHER	1
07-24	54-485	六角ボルト	SCREW	1
07-25	54-486	平小ネジ	SCREW	1
07-26	54-489	フランジ付き六角ボルト	BOLT	1
07-27	54-491	六角穴付きボルト	SCREW	2
07-28	54-492	皿ネジ	SCREW	1
07-29	54-493	平小ネジ	SCREW	1
07-30	54-5990-1	上下ルーパークランクロッドセット	ROD ASSY	1
07-31	56-127	上ルーパー台連結ピン	PIN	1
07-32	56-295	六角穴付きボルトM6×0.75×12L	SCREW M6×0.75×12L	1
07-33	54-703	上ルーパー台	UPPER LOOPER HOLDER	1
07-34	54-7040-1	上ルーパー台 (組)	UPPER LOOPER GUIDE ASSY	1

8. 下ルーパー機構 LOWER LOOPER MECHANISM



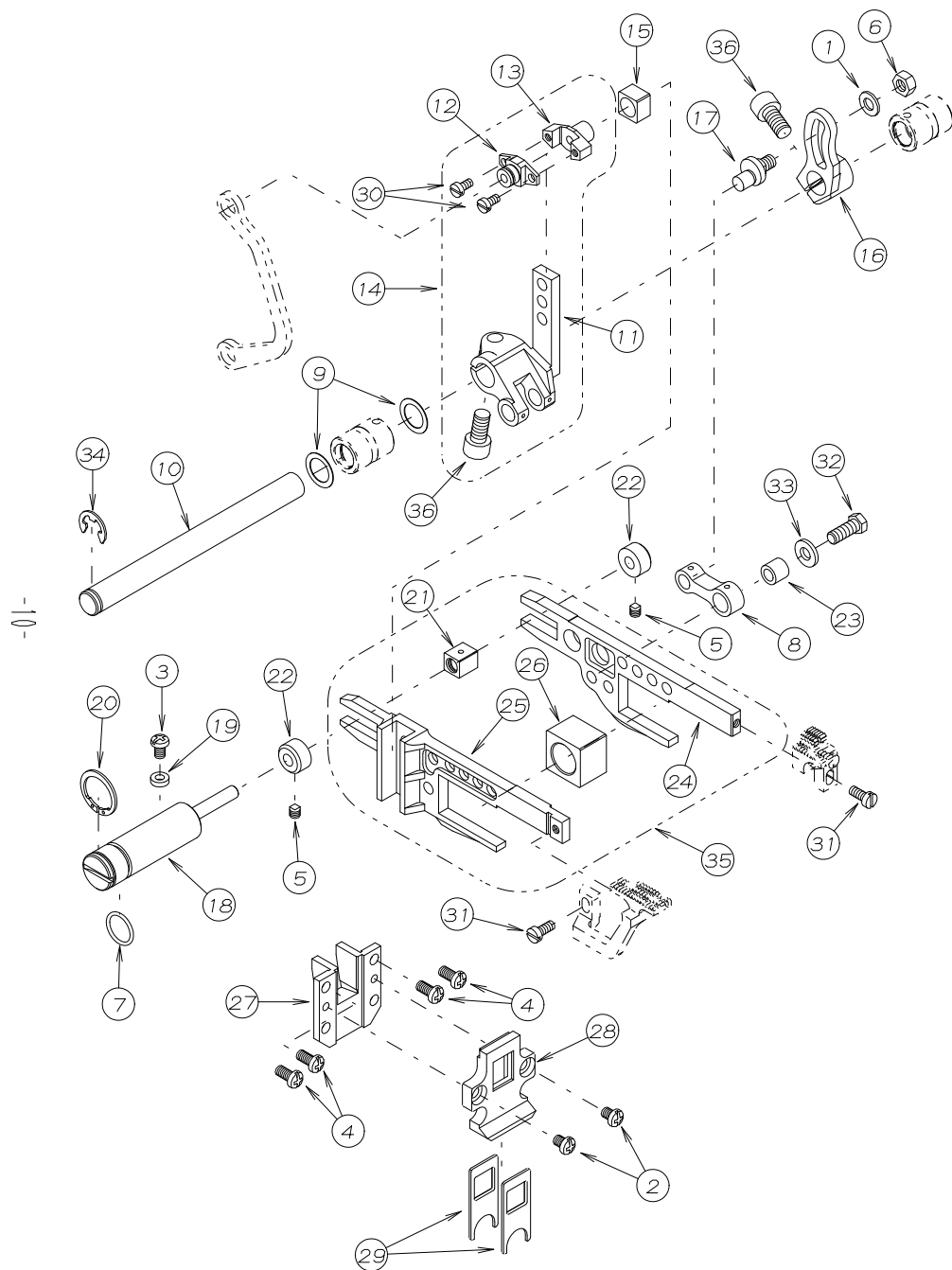
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
08-01	54-119	スリワリ付皿小ネジM3×6L	SCREW M3×6L	2
08-02	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	1
08-03	54-144	六角穴付きボルト	BOLT	4
08-04	54-393	下ルーパー台	LOWER LOOPER HOLDER	1
08-05	54-394	ルーパー軸	SHAFT	1
08-06	54-395	下ルーパーロッド玉	CRANK	1
08-07	54-397	ロッド振れ止め	GUIDE	1
08-08	54-421	下ルーパーロッド玉	CRANK	1
08-09	54-478	スラストワッシャ	WASHER	1
08-10	54-480	平座金	WASHER	1
08-11	54-481	スプリングワッシャ	SPRING WASHER	1
08-12	54-485	六角ボルト	SCREW	1
08-13	54-486	平小ネジ	SCREW	1
08-14	54-487	六角ボルト	SCREW	1
08-15	54-488	平ネジ	SCREW	1
08-16	54-503	六角ボルト	SCREW	1
08-17	54-504	皿ばね座金	SPRING WASHER	1
08-18	54-505	段付ネジ	SCREW	1
08-19	54-5990-1	上下ルーパークランクロッドセット	ROD ASSY	1
08-20	56-295	六角穴付ボルトM6×0.75×12L	SCREW M6×0.75×12L	2

9. 送り機構 (1) FEED MECHANISM (1)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
09-01	54-060	皿バネ	SPRING	1
09-02	54-063	ストッパ	STOPPER	2
09-03	54-078	ワッシャ	WASHER	2
09-04	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	2
09-05	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	2
09-06	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	2
09-07	54-165	前メスヘアリンク	BEARING	1
09-08	54-168	Eリング	E-RING	1
09-09	54-170	E型止め輪	E-RING	1
09-10	54-182	ネジ	SCREW	2
09-11	54-533	送りロッド	CONNECTING ROD	1
09-12	54-534	送りエキセン	ECCENTRIC	1
09-13	54-535	送りエキセン案内	GUIDE/FEED ECCENTRIC	1
09-14	54-536	送りエキセン押えバネ	FLAT SPRING	1
09-15	54-537	送り位置決めカラー	COLLAR	1
09-16	54-538	送り調節エキセン	ECCENTRIC	1
09-17	54-539	ラチェットバネ	SPRING	1
09-18	54-540	ラチェット	RATCHET	1
09-19	54-541	差動連結リンク	LINK	1
09-20	54-542	段ネジ	SCREW	1
09-21	54-543	差動連結レバー	LEVER	1
09-22	54-544	差動レバー	LEVER	1
09-23	54-545	段ネジ	SCREW	1
09-24	54-546	差動レバー軸	SHAFT	1
09-25	54-547	差動目盛り板	BRACKET	1
09-26	54-548	スペースカラー	COLLAR	2
09-27	54-549	スプリングピン	SPRING PIN	2
09-28	54-550	平行ピン	PIN	1
09-29	54-552	プッシュボタン	PUSH BUTTON	1
09-30	54-581	圧縮バネ	SPRING	1
09-31	54-588	ゴムリング	RUBBER RING	1
09-32	54-589	ワッシャ	WASHER	1
09-33	54-596	段ネジ	SCREW	1
09-34	54-597	Oリング	O-RING	1
09-35	54-639	段ネジ	SCREW	1
09-36	54-640	ナット	NUT	1
09-37	56-293	ピン	PIN	1
09-38	56-294	六角穴付止めネジ M4×6L	SCREW M4×6L	1
09-39	56-295	六角穴付ボルト M6×0.75×12L	SCREW M6×0.75×12L	1
09-40	56-624	差動レバー戻しバネ	SPRING	1

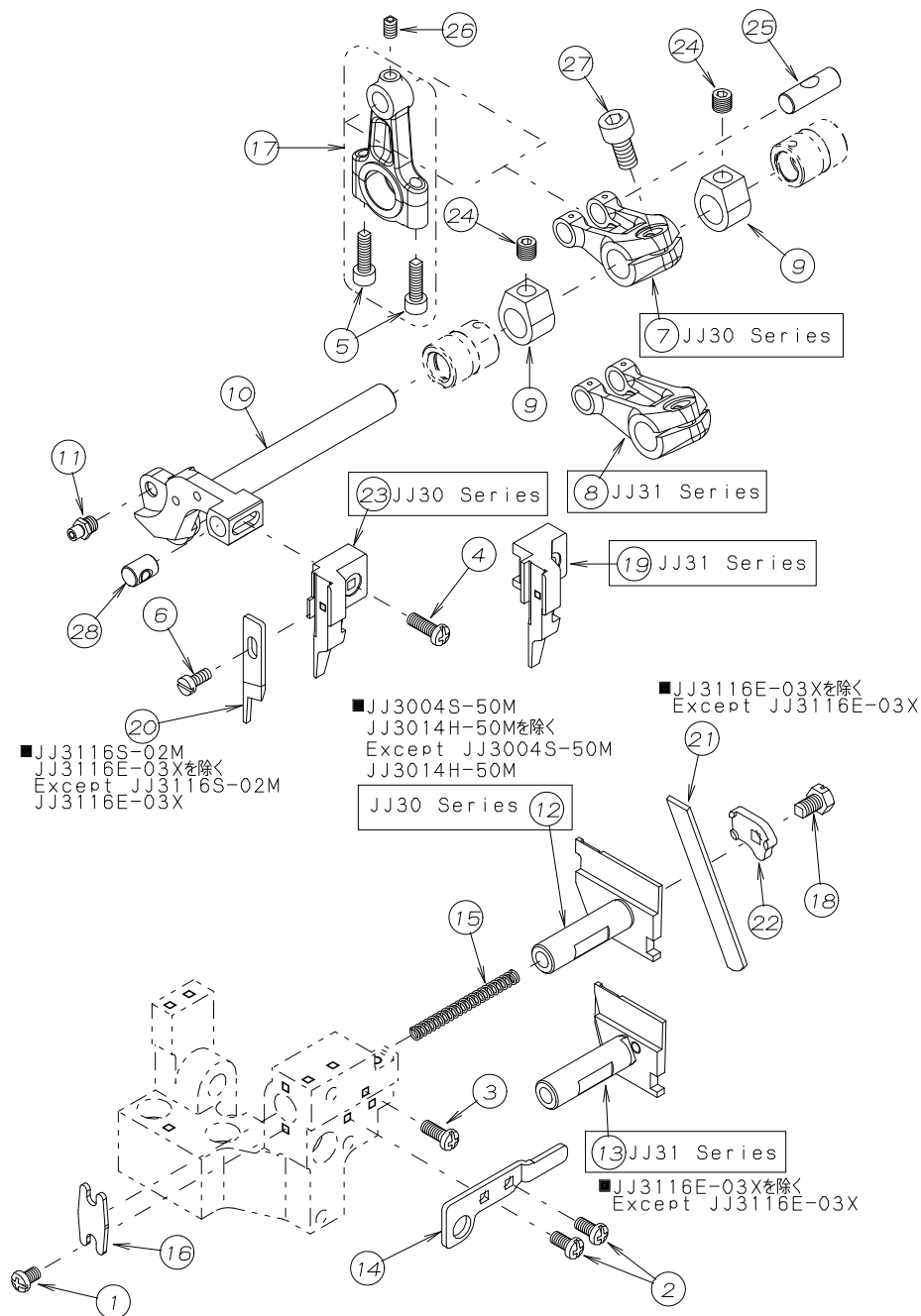
10. 送り機構 (2) FEED MECHANISM (2)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
10-01	54-079	ワッシャ	WASHER	1
10-02	54-111	プラマイナベ小ネジM4x5L	SCREW M4x5L	2
10-03	54-112	プラマイナベ小ネジM4x6L	SCREW M4x6L	1
10-04	54-113	プラマイナベ小ネジM4x8L	SCREW M4x8L	4
10-05	54-133	ネジ	SCREW	2
10-06	54-160	ナット	NUT	1
10-07	54-355	Oリング	O-RING	1
10-08	54-428	連結リンク	LINK	1
10-09	54-478	スラストワッシャ	WASHER	2
10-10	54-553	送り軸	SHAFT	1
10-11	54-554	差動調節レバー	LEVER	1
10-12	54-555	スライドカバーピン	ADJUST SLIDER PIN	1
10-13	54-556	差動調節スライド	CRANK PIN	1
10-14	54-5570-1	差動調節レバーセット	DIFFERENTIAL LEVER SET	1
10-15	54-558	角駒	BLOCK	1
10-16	54-559	主送りレバー	LEVER	1
10-17	54-560	主送り連結ピン	PIN	1
10-18	54-561	送り歯調節ピン	PIN	1
10-19	54-562	ゴムパッキン	GASKET	1
10-20	54-563	止め輪	RING	1
10-21	54-564	角駒	BLOCK	1
10-22	54-565	カラー	COLLAR	2
10-23	54-566	主送りリンクピン	LINK PIN	1
10-24	54-567	主送り台	MAIN FEED BAR	1
10-25	54-568	差動送り台	DIFFERENTIAL FEED BAR	1
10-26	54-569	送り上下角駒	BLOCK	1
10-27	54-570	送り台ガイド	GUIDE BLOCK	1
10-28	54-571	送り台シールカバー	PLATE	1
10-29	54-572	送り台シール	OIL SEAL	2
10-30	54-573	平小ネジ	SCREW	2
10-31	54-574	平小ネジ	SCREW	2
10-32	54-575	六角ボルト	SCREW	1
10-33	54-576	ワッシャ	WASHER	1
10-34	54-578	E形止め輪	E-RING	1
10-35	54-6090-1	送り台 (組)	FEED BAR SET	1
10-36	56-295	六角穴付ボルトM6x0.75x12L	SCREW M6x0.75x12L	1

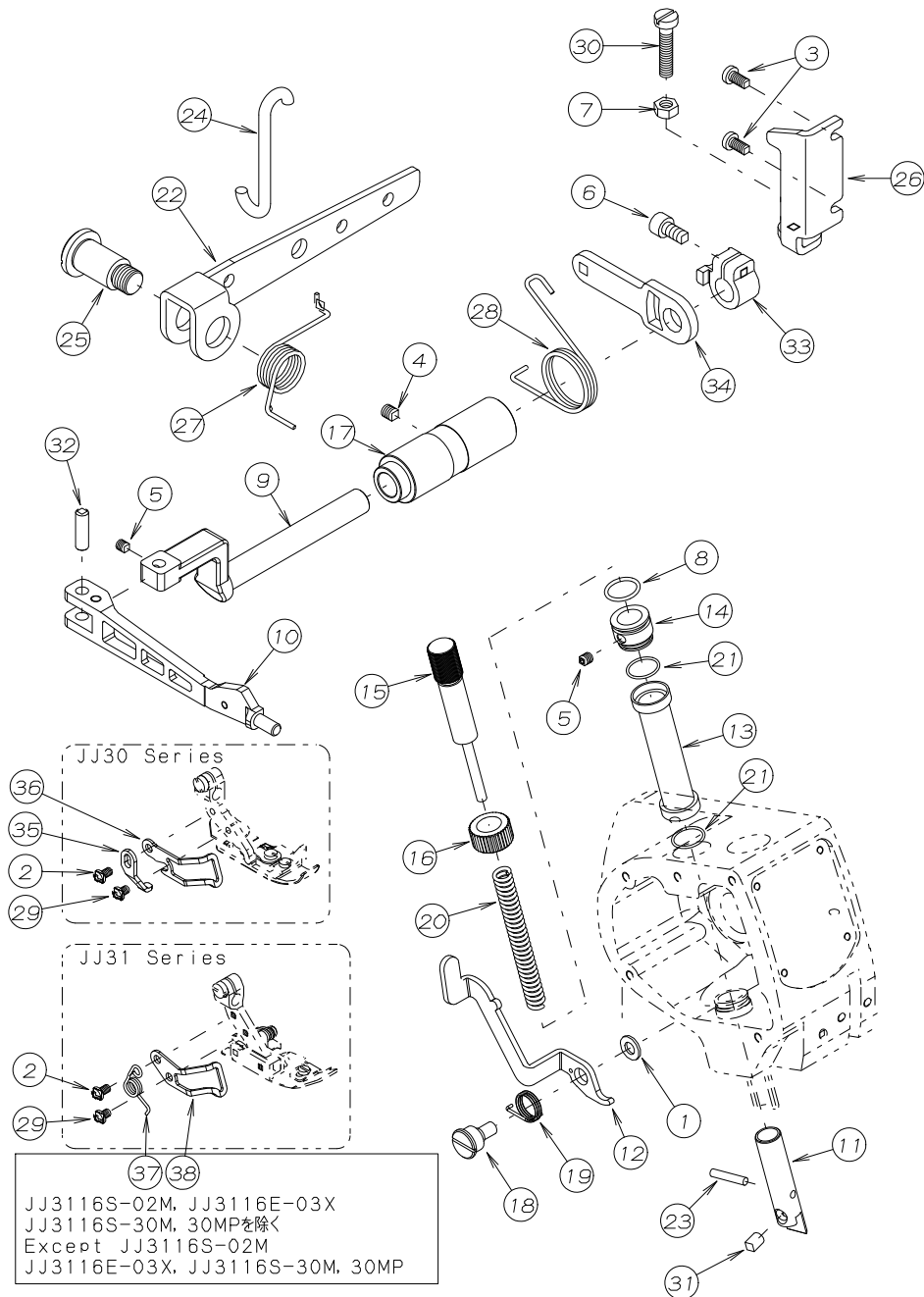
11. 上下メス機構 KNIFE MECHANISM

11



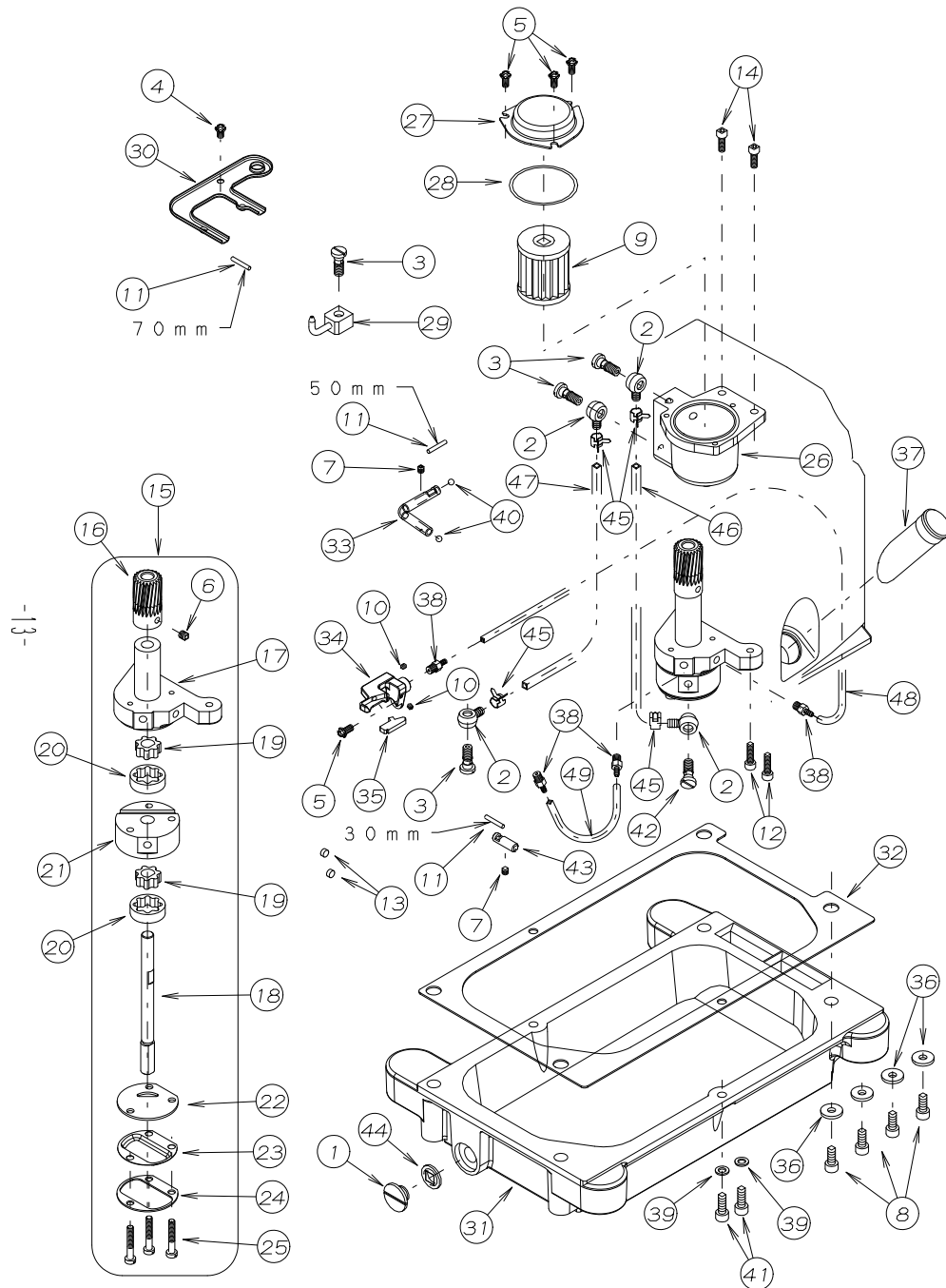
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
11-01	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	1
11-02	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	2
11-03	54-114	プラマイナベ小ネジM4×10L	SCREW M4×10L	1
11-04	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	1
11-05	54-144	六角穴付きボルト	BOLT	2
11-06	54-574	平小ネジ	SCREW	1
11-07	54-583	上メスクランクレバー	CRANK LEVER (OVER)	1
11-08	54-584	上メスクランクレバー	CRANK LEVER (INTER)	1
11-09	54-585	カラー	COLLAR	2
11-10	54-586	上メス台	UPPER KNIFE LEVER	1
11-11	54-587	ピン付ネジ	SCREW	1
11-12	54-591	下メス台	LOWER KNIFE HOLDER	1
11-13	54-592	下メス台	LOWER KNIFE HOLDER	1
11-14	54-593	下メス台ガイド	LOWER KNIFE HOLDER GUIDE	1
11-15	54-594	下メス圧縮バネ	SPRING	1
11-16	54-595	下メスバネ受け	PLATE	1
11-17	54-6000-1	上メスクランクロット* セット	ROD ASSY	1
11-18	54-627	六角ボルト	BOLT	1
11-19	54-641	上メスホルダー (インター)	UPPER KNIFE HOLDER (INTER)	1
11-20	54-642	上メス	UPPER KNIFE	1
11-21	54-643	下メス	LOWER KNIFE	1
11-22	54-644	下メス押エ	LOWER KNIFE CLAMP	1
11-23	54-645	上メスホルダー (オーバー)	UPPER KNIFE HOLDER (OVER)	1
11-24	54-672	六角穴付止めねじ	SCREW	2
11-25	56-293	ピン	PIN	1
11-26	56-294	六角穴付止めネジ* M4×6L	SCREW M4×6L	1
11-27	56-295	六角穴付ボルト M6×0.75×12L	SCREW M6×0.75×12L	1
11-28	56-854	上メスホルダー固定ピン	PIN	1

12. 押え揚げ機構 PRESSER FOOT MECHANISM



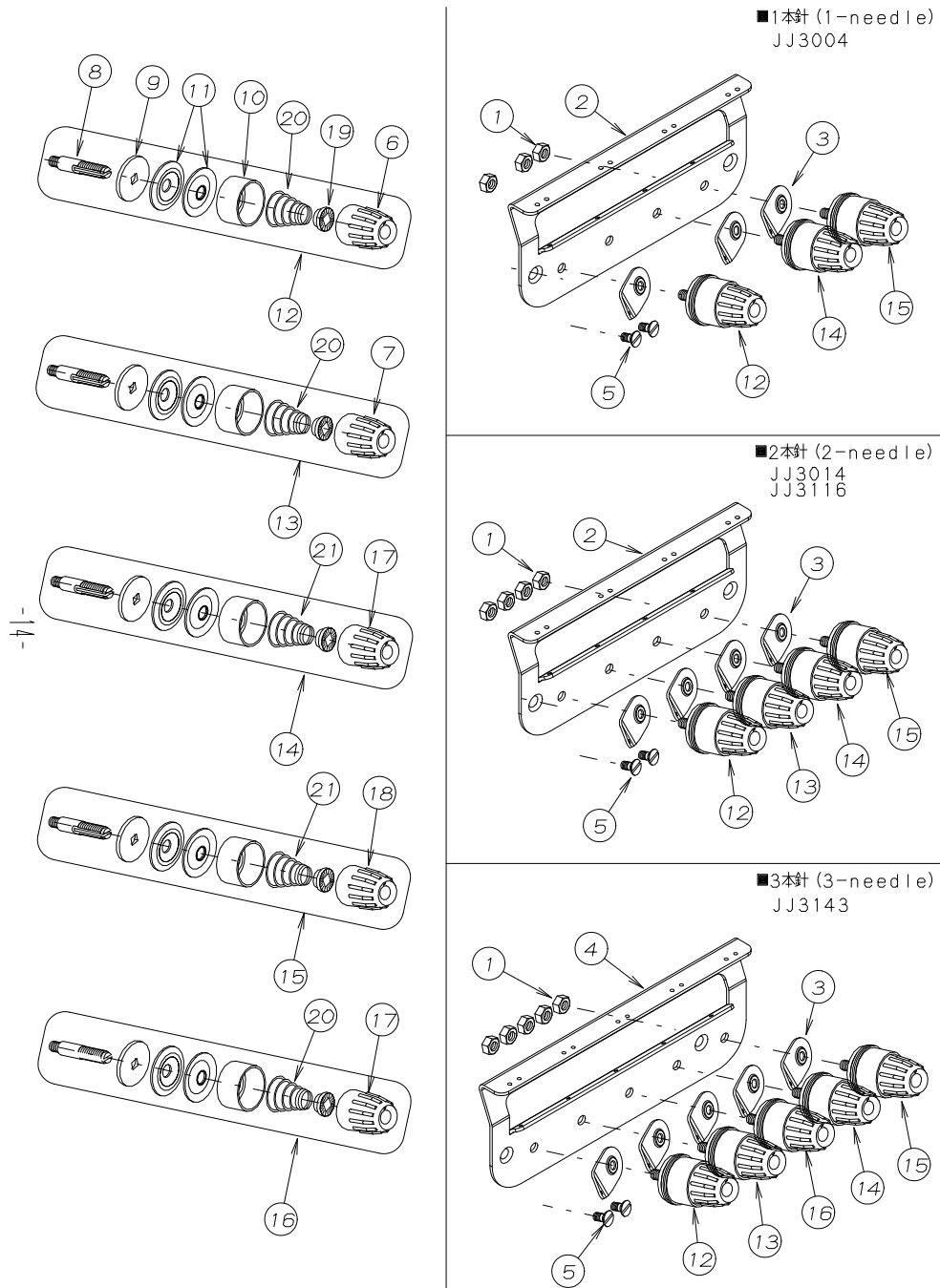
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
12-01	54-079	ワッシャー	WASHER	1
12-02	54-109	プラマイナベ小ネジM3×5L	SCREW M3×5L	1
12-03	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	2
12-04	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	1
12-05	54-133	ネジ	SCREW	2
12-06	54-143	六角穴付きボルト	BOLT	1
12-07	54-160	ナット	NUT	1
12-08	54-355	Oリング	O-RING	1
12-09	54-364	押え揚げ軸	SHAFT	1
12-10	54-365	押え腕	PRESSER ARM	1
12-11	54-366	押え棒	PRESSER BAR	1
12-12	54-367	押え揚げレバー	LEVER	1
12-13	54-368	押えバネカバー	COVER	1
12-14	54-369	調節ネジガイドブッシュ	BUSHING	1
12-15	54-370	押え調節ネジ	THUMB SCREW	1
12-16	54-371	筒ネジナット	NUT	1
12-17	54-372	押え揚げゲブッシュ	BUSHING	1
12-18	54-373	段付ネジ	SCREW	1
12-19	54-374	押えバネ	SPRING	1
12-20	54-375	押えバネ	SPRING	1
12-21	54-376	Oリング	O-RING	2
12-22	54-377	押え揚げレバー	LEVER	1
12-23	54-378	スプリングピン	SPRING PIN	1
12-24	54-380	リンク	LINK	1
12-25	54-381	段付ネジ	SCREW	1
12-26	54-382	ストッパー	STOPPER	1
12-27	54-383	巻きバネ	SPRING	1
12-28	54-384	巻きバネ	SPRING	1
12-29	54-494	プラマイナベ小ネジ	SCREW	1
12-30	54-510	平小ネジ	SCREW	1
12-31	56-014	押え腕案内ピン	PIN	1
12-32	56-302	ピン	PIN	1
12-33	56-309	カラー	COLLAR	1
12-34	56-311	レバー	LEVER	1
12-35	57-548	押えストッパー	STOPPER	1
12-36	57-549	安全カバー	FINGER GUARD	1
12-37	57-561	押え補助バネ	SPRING	1
12-38	57-562	安全カバー	FINGER GUARD	1

13. 給油機構 LUBRICATION MECHANISM



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
13-01	54-020	フタネジ	SCREW	1
13-02	54-051	片口継手	JOINT	4
13-03	54-052	管継手ボルト	JOINT SCREW	4
13-04	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	1
13-05	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	4
13-06	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	1
13-07	54-133	ネジ	SCREW	2
13-08	54-149	六角穴付きボルト	BOLT	4
13-09	54-180	フィルター	OIL FILTER	1
13-10	54-182	ネジ	SCREW	2
13-11	54-193	フェルト	FELT	3
13-12	54-195	六角穴付ボルト	BOLT	2
13-13	54-391	フェルト	FELT	2
13-14	54-500	六角穴付きボルト	SCREW	2
13-15	54-6100-1	ポンプセット	PUMP ASSY	1
13-16	54-611	ウオームホイール	WORM WHEEL	1
13-17	54-612	ポンプハウジング	PUMP BODY	1
13-18	54-613	ポンプ軸	SHAFT	1
13-19	54-614	インナーローター	INNER ROTER	2
13-20	54-615	アウターローター	OUTER ROTER	2
13-21	54-616	ハウジング	HOUSING	1
13-22	54-617	ポンプ裏蓋	PLATE	1
13-23	54-618	ポンプメッシュ	FILTER	1
13-24	54-619	ポンプメッシュ押エ	PLATE	1
13-25	54-620	平小ネジM4×25L	SCREW	3
13-26	54-621	フィルタータンク	OIL FILTER TANK	1
13-27	54-622	蓋	COVER	1
13-28	54-623	Oリング	O-RING	1
13-29	54-624	給油パイプ	PIPE	1
13-30	54-626	油受け	OIL RELEASER	1
13-31	54-628	オイルタンク	OIL TANK	1
13-32	54-629	パッキン	GASKET	1
13-33	54-631	針棒給油ピン	PIPE	1
13-34	54-632	針棒リターン継手	JOINT	1
13-35	54-633	針棒リターンフェルト	FELT	1
13-36	54-634	ワッシャ	WASHER	4
13-37	54-635	オイルゲージ	OIL SIGHT GAUGE	1
13-38	54-636	継手	JOINT SCREW	4
13-39	54-637	ワッシャ	WASHER	2
13-40	54-638	詰栓	PLUG	2
13-41	54-652	六角穴付ボルト	SCREW	2
13-42	54-653	管継手ボルト	JOINT SCREW	1
13-43	56-371	給油ピン	PIN	1
13-44	56-771	オイルタンクドレンシール	SEAL WASHER	1
13-45	56-817	止め金具	CLAMP	4
13-46	54-667	ビニールチューブ	TUBE	1
13-47	54-668	ビニールチューブ	TUBE	1
13-48	54-669	ビニールチューブ	TUBE	1
13-49	54-670	ビニールチューブ	TUBE	1

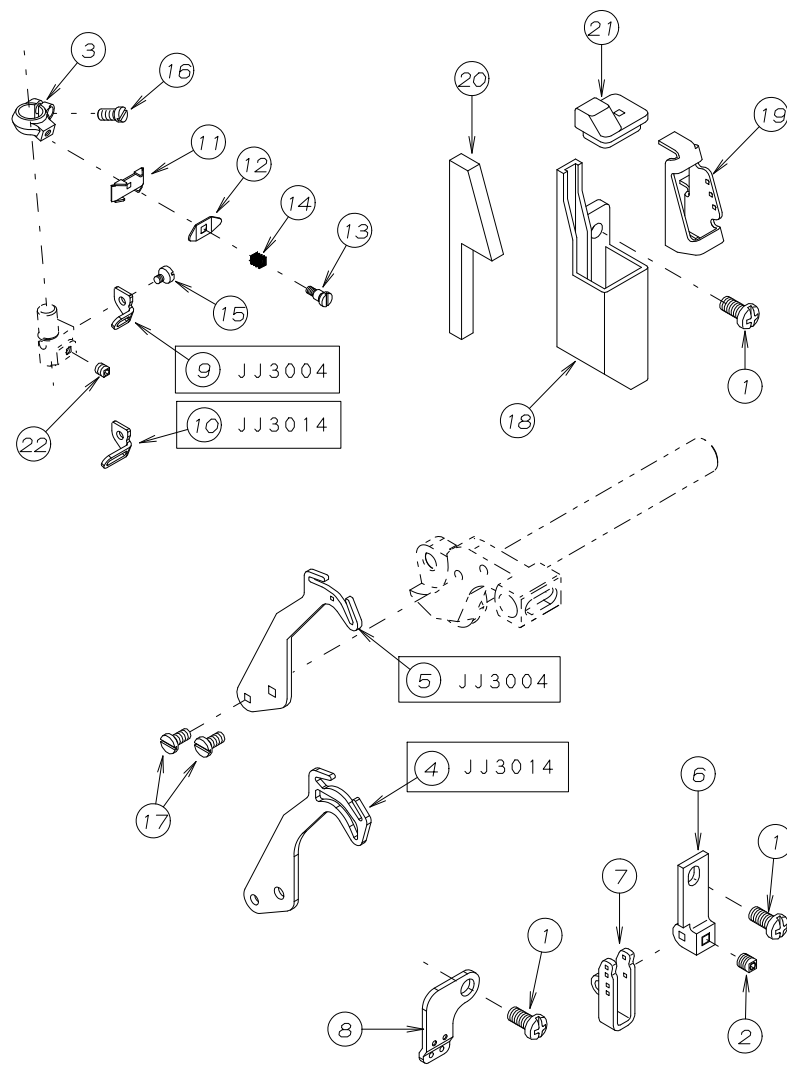
14. 糸調子機構 (1) THREAD TENSION (1)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
14-01	54-160	ナット	NUT	3~5
14-02	54-440	糸調子台プレート	THREAD GUIDE	1
14-03	54-441	糸調子台系道	THREAD GUIDE	3~5
14-04	54-662	糸調子台プレート	THREAD GUIDE	1
14-05	56-035	スリワリ付キ皿小ネジ M4	SCREW M4	2
14-06	56-251	糸調子ダイヤルD	POST NUT (D)	1
14-07	56-252	糸調子ダイヤルC	POST NUT (C)	1
14-08	56-266	糸調子台	SCREW STUD	3~5
14-09	56-268	取付フェルト	FELT	3~5
14-10	56-269	大ケース	CUP	3~5
14-11	56-270	チャンボン皿	TENSION DISC	8
14-12	56-2710-1	糸調子セット (A)	TENSION SET (A)	1
14-13	56-2720-1	糸調子セット (B)	TENSION SET (B)	1
14-14	56-2730-1	糸調子セット (C)	TENSION SET (C)	1
14-15	56-2740-1	糸調子セット (D)	TENSION SET (D)	1
14-16	56-2750-1	糸調子セット (E)	TENSION SET (E)	1
14-17	56-378	糸調子ダイヤルB	POST NUT (B)	1
14-18	56-468	糸調子ダイヤルA	POST NUT (A)	1
14-19	54-053	チャンボン皿ラチェット	SPRING POST	3~5
14-20	54-056	チャンボン調子バネ (強)	SPRING (HEAVY)	1~3
14-21	54-057	チャンボン調子バネ (弱)	SPRING (LIGHT)	2

15. 糸調子機構 (2) THREAD TENSION (2)

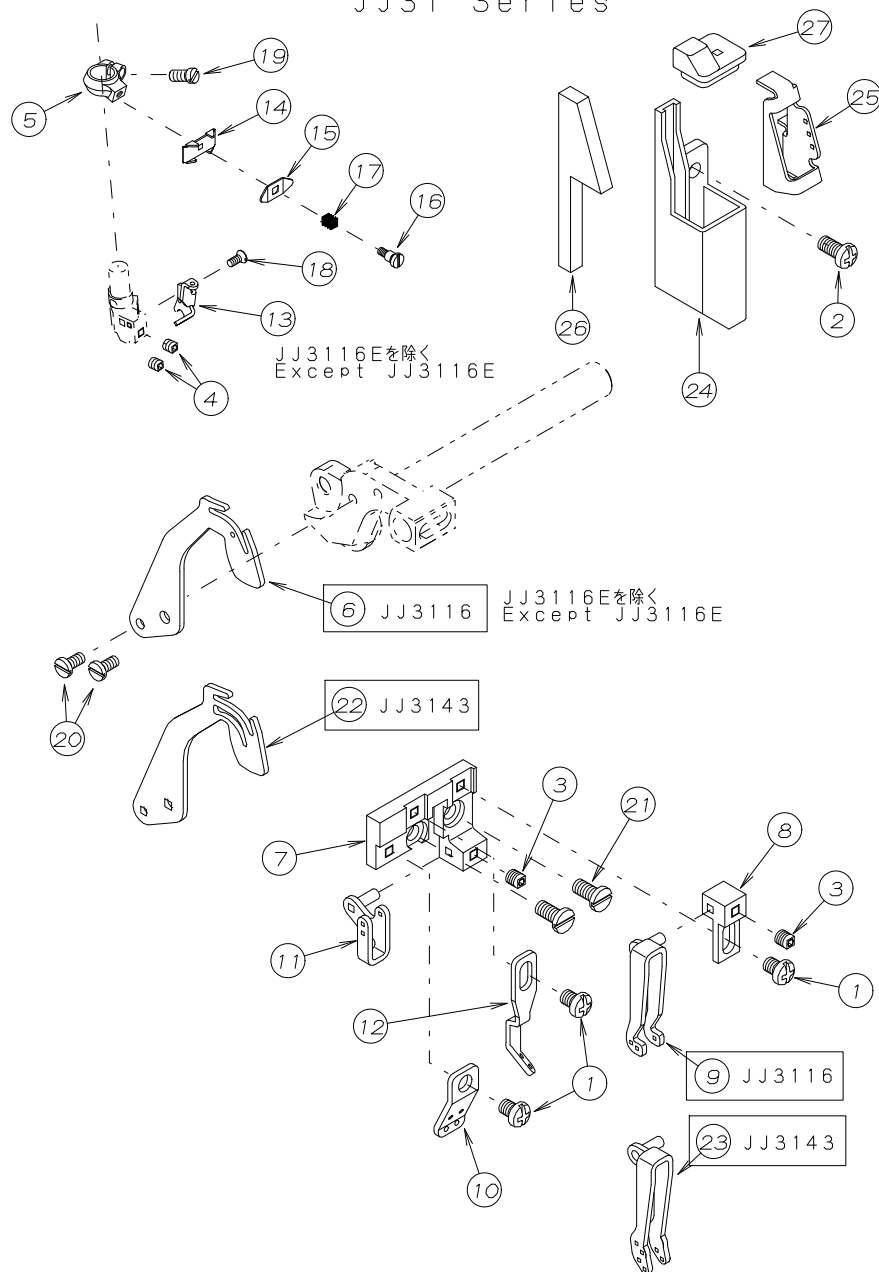
JJ30 Series



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
15-01	54-113	プラマイナベ小ネジM4x8L	SCREW M4x8L	3
15-02	54-133	ネジ	SCREW	1
15-03	54-351	針棒クランプ台	NEEDLE BAR GUIDE	1
15-04	54-449	針糸捌き	NEEDLE THREAD TAKEUP	1
15-05	54-451	針糸捌き	NEEDLE THREAD TAKEUP	1
15-06	54-452	上糸糸道ブラケット	BRACKET	1
15-07	54-454	上糸糸道	THREAD EYELET	1
15-08	54-456	糸道	THREAD EYELET	1
15-09	54-463	針株糸道	THREAD EYELET	1
15-10	54-464	針株糸道	THREAD EYELET	1
15-11	54-473	針株糸調子皿	THREAD NIPPER	1
15-12	54-474	針株糸調子板	THREAD NIPPER	1
15-13	54-475	針株糸調子ネジ	SCREW	1
15-14	54-476	針株糸調子バネ	SPRING	1
15-15	54-496	平小ネジ	SCREW	1
15-16	54-499	平小ネジ	SCREW	1
15-17	54-501	平小ネジ	SCREW	2
15-18	56-765	上糸シリコンタンク	SILICONE TANK	1
15-19	56-766	上糸フェルト押エ	THREAD GUIDE	1
15-20	56-767	上糸フェルト	FELT	1
15-21	56-768	上糸シリコンタンク蓋	COVER	1
15-22	54-182	ネジ	SCREW	1~2

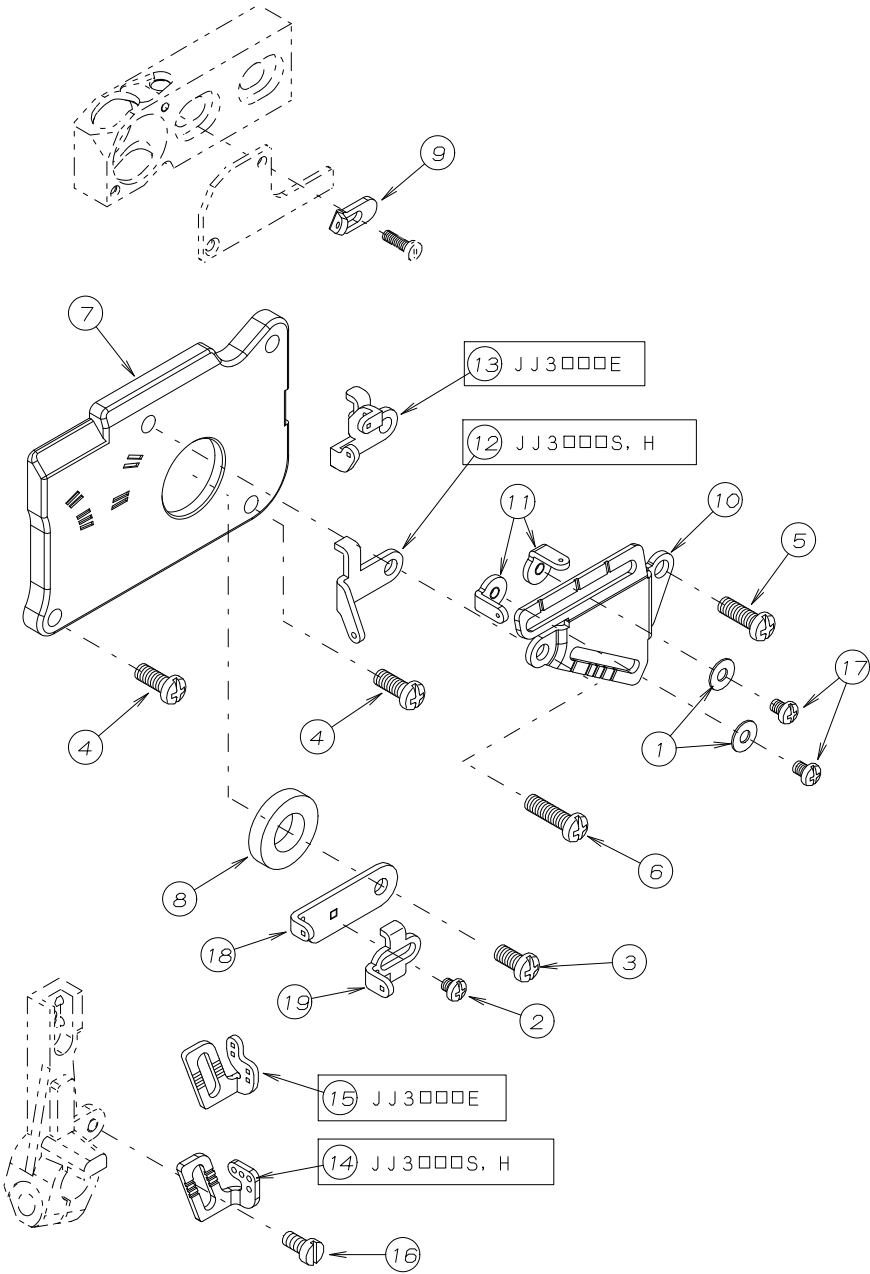
16. 糸調子機構 (3) THREAD TENSION (3)

JJ31 Series



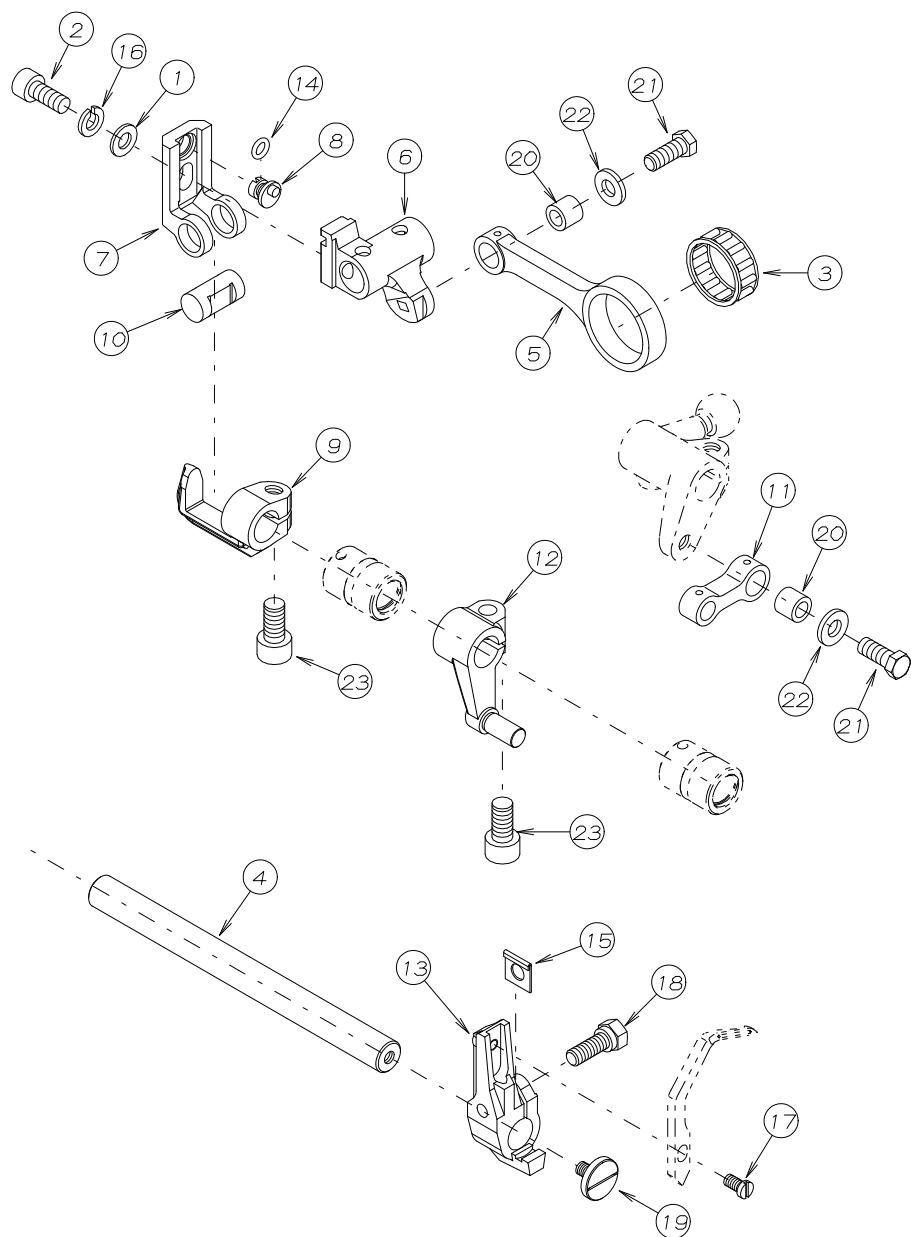
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
16-01	54-111	プラマイナベ小ネジM4x5L	SCREW M4x5L	3
16-02	54-113	プラマイナベ小ネジM4x8L	SCREW M4x8L	1
16-03	54-133	ネジ	SCREW	2
16-04	54-182	ネジ	SCREW	2~3
16-05	54-351	針棒クランプ台	NEEDLE BAR GUIDE	1
16-06	54-450	針糸捌き	NEEDLE THREAD TAKEUP	1
16-07	54-453	上糸糸道ブラケット	THREAD EYELET BRACKET	1
16-08	54-457	上糸糸道取付台	BRACKET	1
16-09	54-458	上糸糸道	THREAD EYELET	1
16-10	54-459	糸道	THREAD EYELET	1
16-11	54-460	糸道	THREAD EYELET	1
16-12	54-461	糸道	THREAD EYELET	1
16-13	54-462	針株糸道	THREAD GUIDE BRACKET	1
16-14	54-473	針株糸調子皿	THREAD NIPPER	1
16-15	54-474	針株糸調子板	THREAD NIPPER	1
16-16	54-475	針株糸調子ネジ	SCREW	1
16-17	54-476	針株糸調子バネ	SPRING	1
16-18	54-497	すりわり付き皿小ネジ	SCREW	1
16-19	54-499	平小ネジ	SCREW	1
16-20	54-501	平小ネジ	SCREW	2
16-21	54-502	平小ネジ	SCREW	2
16-22	54-661	針糸捌き (3本針用)	NEEDLE THREAD TAKEUP	1
16-23	54-663	上糸糸道	THREAD EYELET	1
16-24	56-765	上糸シリコンタンク	SILICONE TANK	1
16-25	56-766	上糸フェルト押エ	THREAD GUIDE	1
16-26	56-767	上糸フェルト	FELT	1
16-27	56-768	上糸シリコンタンク蓋	COVER	1

17. 糸調子機構 (4) THREAD TENSION (4)



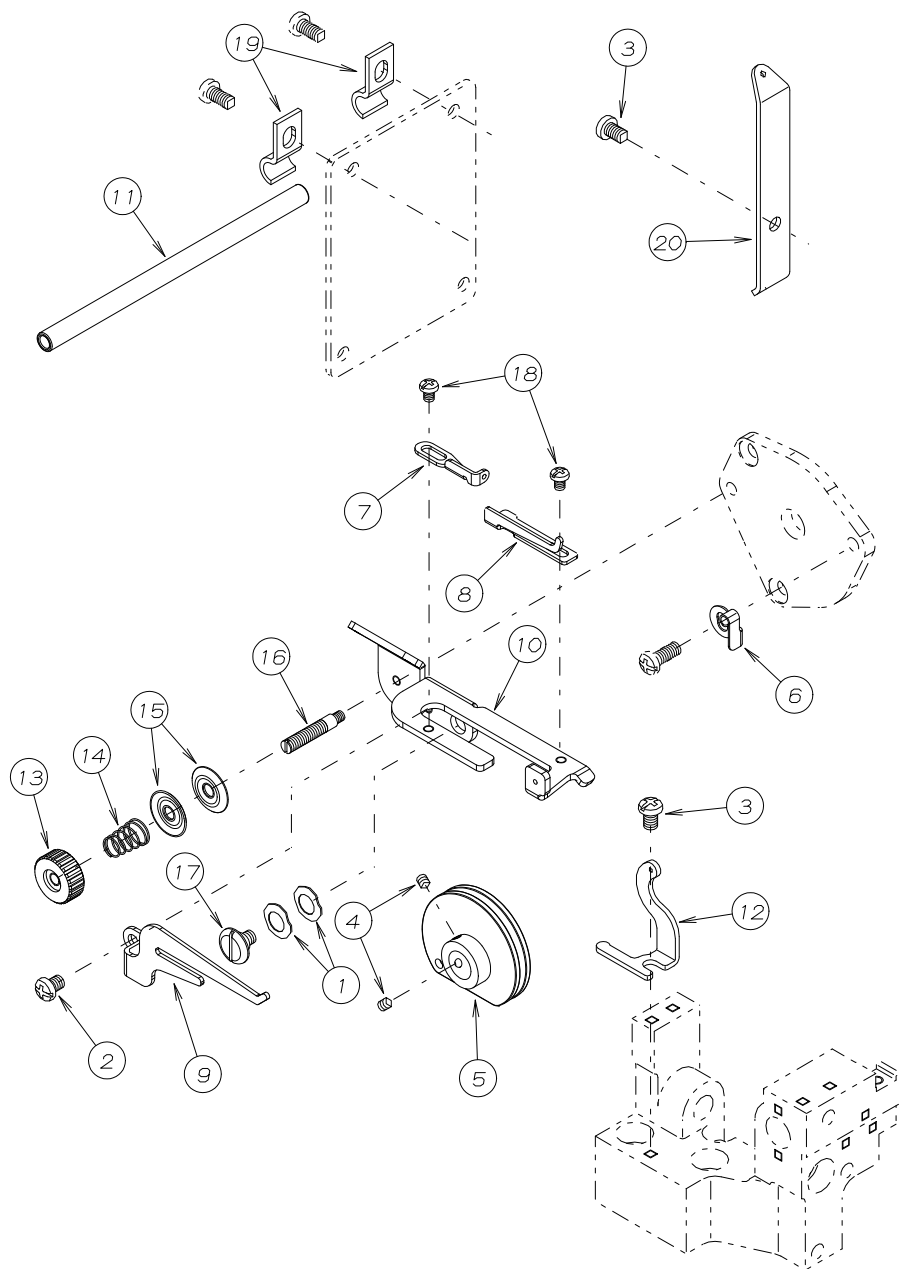
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
17-01	54-069	平座金	WASHER	2
17-02	54-108	ブラマイナベ小ネジ M3×3L	SCREW M3×3L	1
17-03	54-113	ブラマイナベ小ネジM4×8L	SCREW M4×8L	1
17-04	54-114	ブラマイナベ小ネジM4×10L	SCREW M4×10L	2
17-05	54-121	ブラマイナベ小ネジM4×12L	SCREW M4×12L	1
17-06	54-128	ブラマイナベ小ネジM4×14L	SCREW M4×14L	1
17-07	54-317	上ルーパーカバー	COVER	1
17-08	54-398	オイルシール	OIL SEAL	1
17-09	54-442	上ルーパー糸道	THREAD EYELET	1
17-10	54-443	糸道ブラケット	BRACKET	1
17-11	54-444	上下ルーパー糸道	THREAD EYELET	2
17-12	54-445	上下ルーパー糸道	THREAD EYELET	1
17-13	54-446	糸道	THREAD EYELET	1
17-14	54-447	下ルーパー天秤	THREAD TAKEUP	1
17-15	54-448	下ルーパー天秤	THREAD TAKEUP	1
17-16	54-490	平小ネジ	SCREW	1
17-17	54-494	ブラマイナベ小ネジ	SCREW	2
17-18	56-355	上ルーパー天秤	THREAD TAKEUP	1
17-19	56-356	下ルーパー天秤A	THREAD TAKEUP (A)	1

18. 二重環ルーパー機構 (1) CHAINSTITCH LOOPER MECHANISM (1)



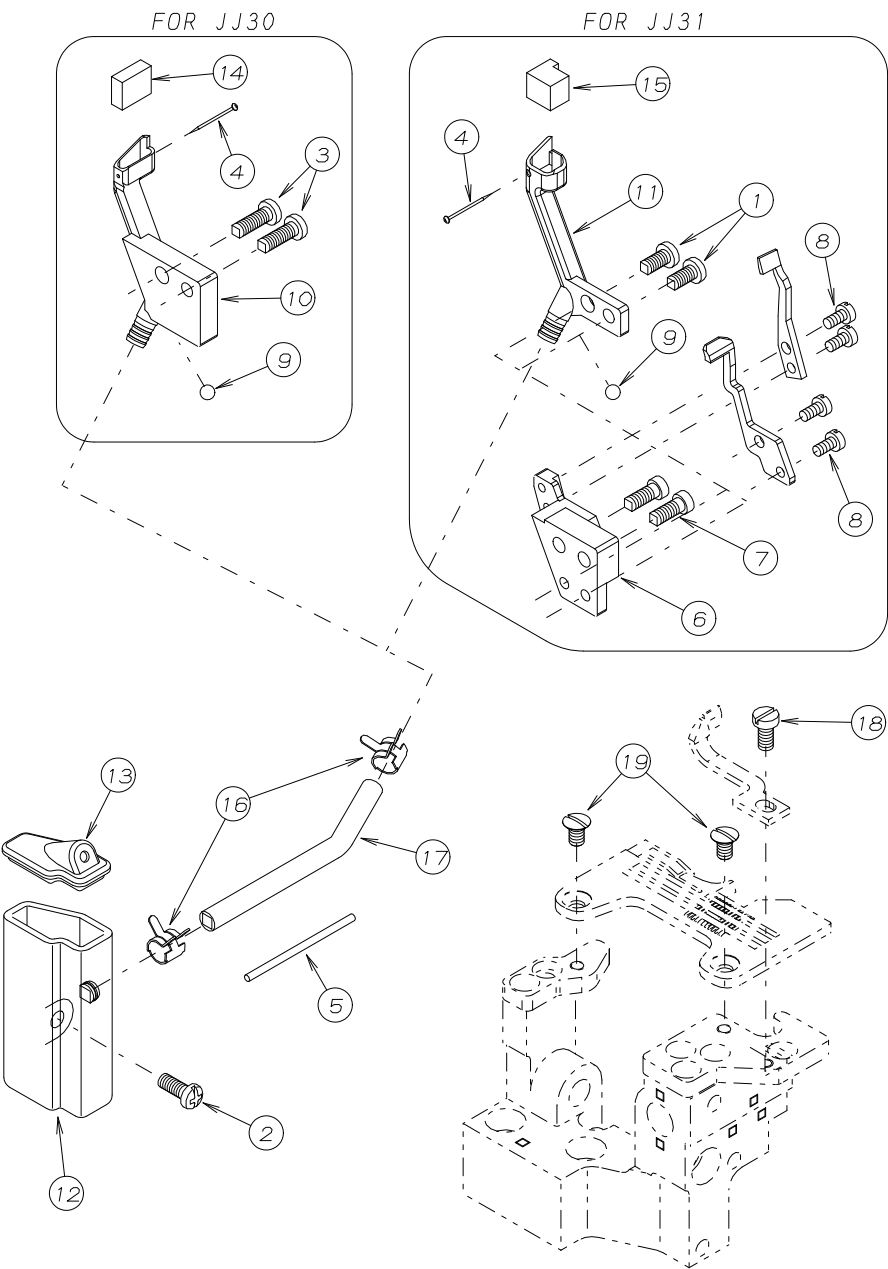
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
18-01	54-079	ワッシャ	WASHER	1
18-02	54-149	六角穴付きボルト	BOLT	1
18-03	54-163	ニードルゲージ	NEEDLE BEARING	1
18-04	54-420	二重環ルーパー軸	SHAFT	1
18-05	54-422	前後駆動ロッド	CONNECTING ROD	1
18-06	54-423	前後調節レバー	LEVER	1
18-07	54-424	スライダー	BRACKET	1
18-08	54-425	段付きピン	PIN	1
18-09	54-426	ホルダー	HOLDER	1
18-10	54-427	ピン	PIN	1
18-11	54-428	連結リンク	LINK	1
18-12	54-429	ルーパー左右振りレバー	LEVER	1
18-13	54-430	二重環ルーパー台	CHAINSTITCH LOOPER HOLDER	1
18-14	54-431	Oリング	O-RING	1
18-15	54-432	スペーサー	WASHER	1
18-16	54-481	スプリングワッシャ	SPRING WASHER	1
18-17	54-486	平小ネジ	SCREW	1
18-18	54-487	六角ボルト	SCREW	1
18-19	54-488	平ネジ	SCREW	1
18-20	54-566	主送りリンクピン	LINK PIN	2
18-21	54-575	六角ボルト	SCREW	2
18-22	54-576	ワッシャ	WASHER	2
18-23	56-295	六角穴付きボルト M6x0.75x12L	SCREW M6x0.75x12L	2

19. 二重環ルーパー機構 (2) CHAINSTITCH LOOPER MECHANISM (2)



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
19-01	54-026	波座金	WASHER	2
19-02	54-111	プラマイナベ小ネジM4×5L	SCREW M4×5L	1
19-03	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	2
19-04	54-182	ネジ	SCREW	2
19-05	54-413	下糸カム	THREAD TAKEUP	1
19-06	54-414	ストッパーパネ	SPRING	1
19-07	54-415	下糸糸道	THREAD EYELET	1
19-08	54-416	下糸糸道	THREAD EYELET	1
19-09	54-417	下糸カム案内	THREAD GUIDE	1
19-10	54-418	ブラケット	BRACKET	1
19-11	54-419	糸道パイプ	PIPE	1
19-12	54-433	下糸糸道	THREAD EYELET	1
19-13	54-435	ツマミ	KNOB	1
19-14	54-436	パネ	SPRING	1
19-15	54-437	チャンボン皿	TENSION DISC	2
19-16	54-438	段ネジ	SCREW	1
19-17	54-439	段ネジ	SCREW	1
19-18	54-494	プラマイナベ小ネジ	SCREW	2
19-19	56-550	パイプ取付金具	LATCH	2
19-20	56-551	環縫い糸道	THREAD EYELET	1

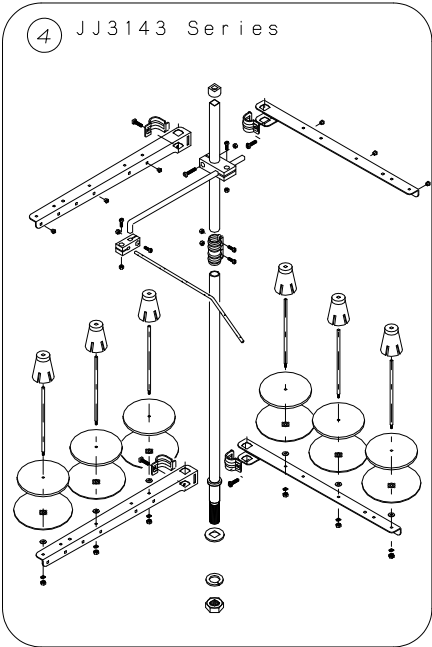
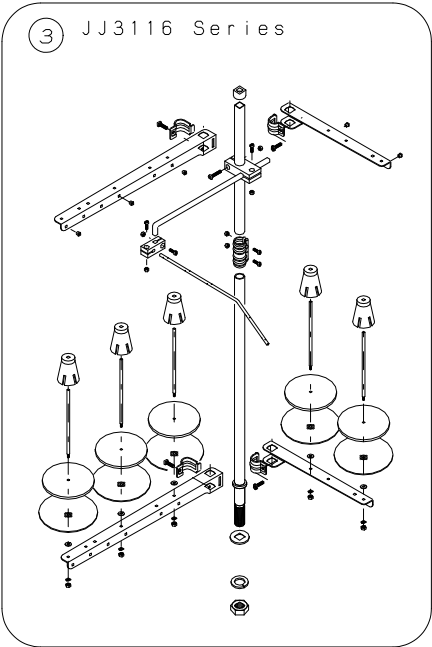
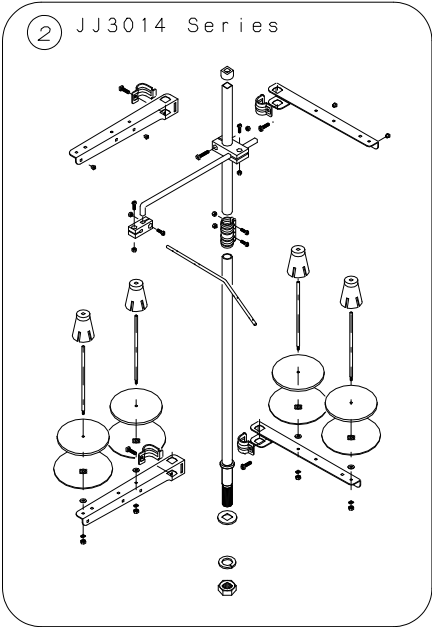
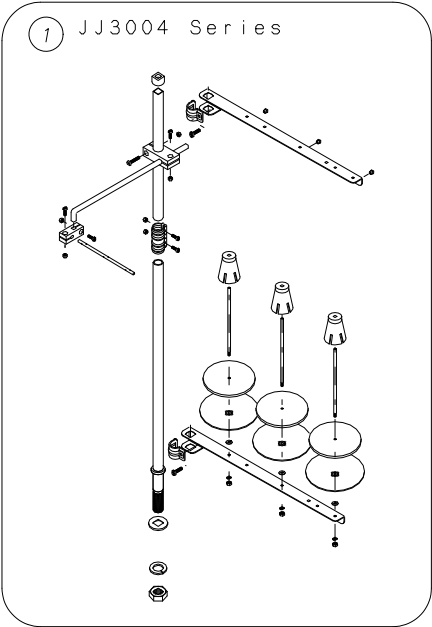
20. 針冷却装置 H. R DEVICE



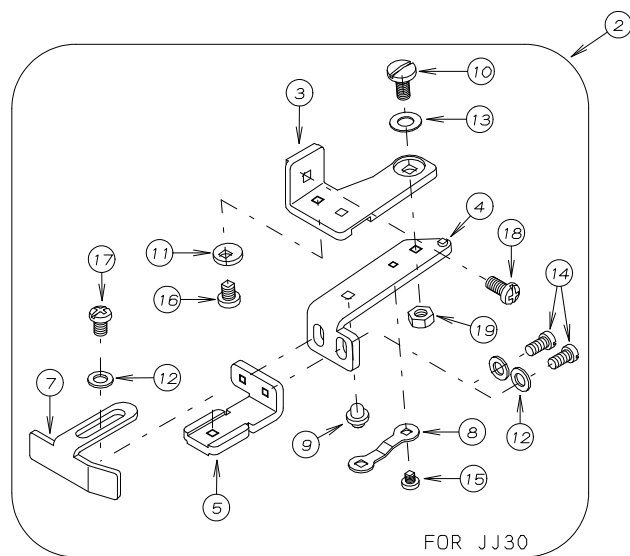
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
20-01	54-113	プラマイナベ小ネジM4x8L	SCREW M4x8L	2
20-02	54-114	プラマイナベ小ネジM4x10L	SCREW M4x10L	1
20-03	54-121	プラマイナベ小ネジM4x12L	SCREW M4x12L	2
20-04	54-171	フェルトピン	PIN	1
20-05	54-192	フェルト	FELT	1
20-06	54-363	針受け取付台	BRACKET	1
20-07	54-507	平小ネジ	SCREW	2
20-08	54-573	平小ネジ	SCREW	4
20-09	54-625	鋼球 4	PLUG	1
20-10	54-646	ニードルクーラー (オーバー)	NEEDLE COOLER (OVER)	1
20-11	54-647	ニードルクーラー (インター)	NEEDLE COOLER (INTER)	1
20-12	54-648	シリコンタンク	SILICONE TANK	1
20-13	54-649	シリコンタンク蓋	COVER	1
20-14	54-650	フェルト (オーバー)	FELT (OVER)	1
20-15	54-651	フェルト (インター)	FELT (INTER)	1
20-16	56-817	止め金具	CLAMP	2
20-17	54-666	ビニールチューブ	TUBE	1
20-18	54-343	平小ネジ	SCREW	1
20-19	54-506	すりわり付丸皿小ねじ	SCREW	2

21. 糸立台 THREAD STAND

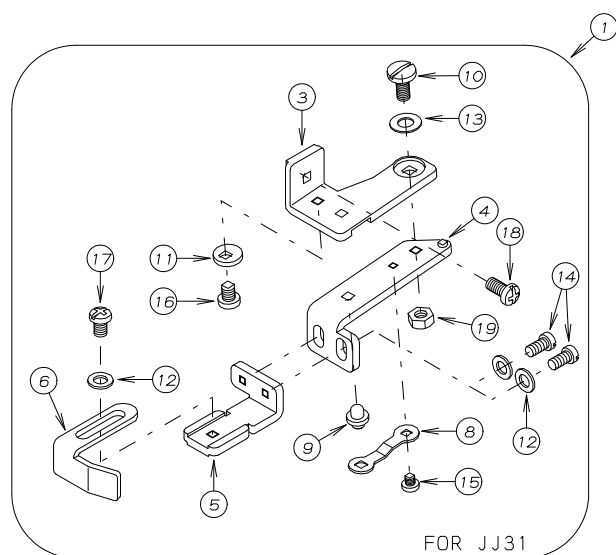
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
21-01	56-913	3本糸立てセット	THREAD STAND ASSEMBLY (3-SPOOLS)	1
21-02	56-914	4本糸立てセット	THREAD STAND ASSEMBLY (4-SPOOLS)	1
21-03	56-915	5本糸立てセット	THREAD STAND ASSEMBLY (5-SPOOLS)	1
21-04	56-916	6本糸立てセット	THREAD STAND ASSEMBLY (6-SPOOLS)	1



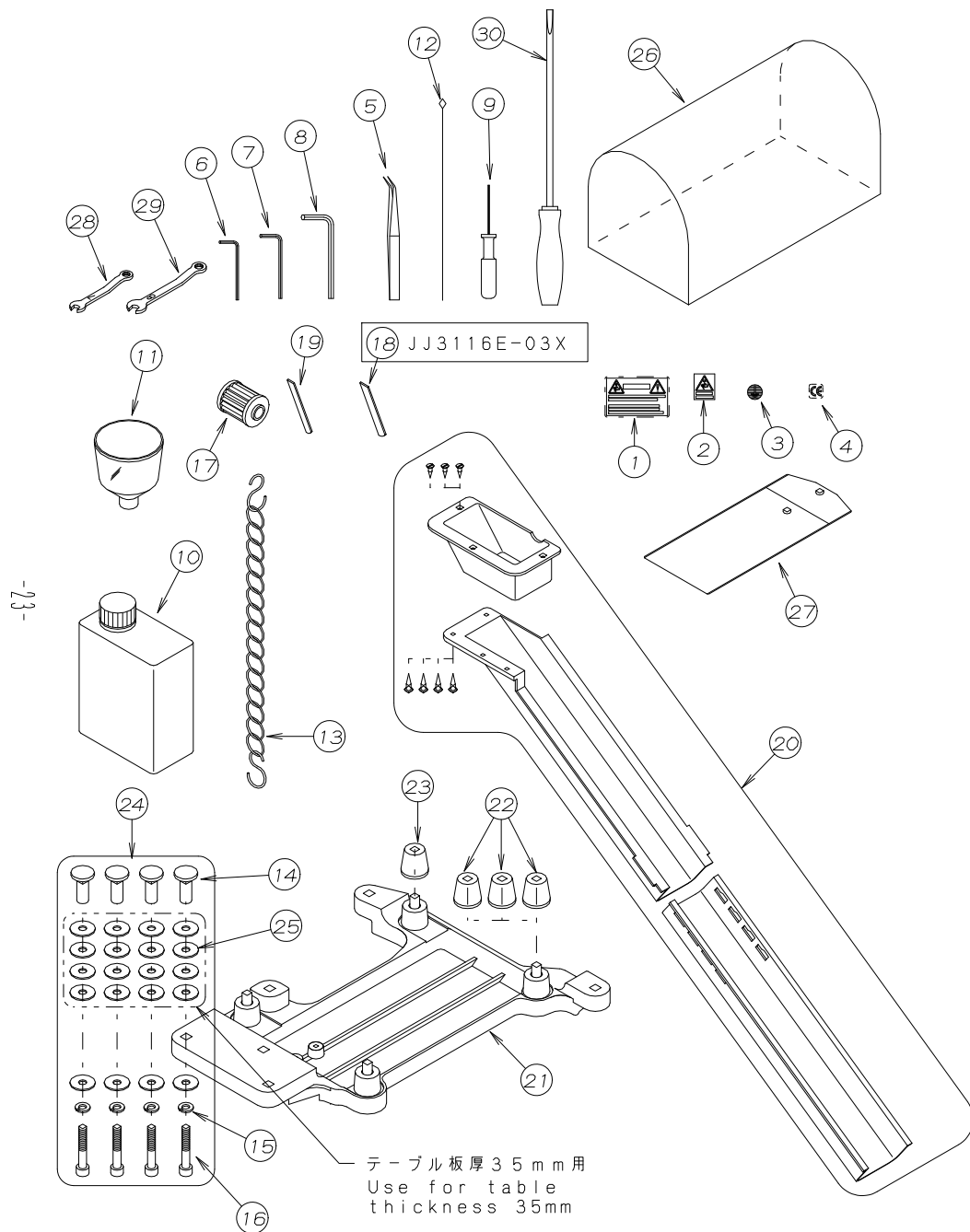
22. 当定規 (オプション) *EDGE GUIDE (Option)*



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
22-01	56-9550-1	クロスガイドセット	CLOTH GUIDE ASSY (INTER)	1
22-02	56-9560-1	クロスガイドセット	CLOTH GUIDE ASSY (OVER)	1
22-03	56-957	クロスガイドブラケット	BRACKET	1
22-04	56-958	ガイドブラケット	BRACKET	1
22-05	56-959	エッジガイドブラケット	BRACKET	1
22-06	56-960	エッジガイド (インター)	EDGE GUIDE (INTER)	1
22-07	56-961	エッジガイド (オーバー)	EDGE GUIDE (OVER)	1
22-08	56-962	板バネ	SPRING	1
22-09	56-963	ピン	PIN	1
22-10	56-964	段ネジ	SCREW	1
22-11	56-965	ストッパー	STOPPER	1
22-12	54-078	ワッシャー	WASHER	3
22-13	54-084	皿バネ	SPRING	1
22-14	54-096	ネジ	SCREW	2
22-15	54-108	プラマイナベ小ネジM3×3L	SCREW M3×3L	1
22-16	54-111	プラマイナベ小ネジM4×5L	SCREW M4×5L	1
22-17	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	1
22-18	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	1
22-19	54-159	ナット	NUT	1



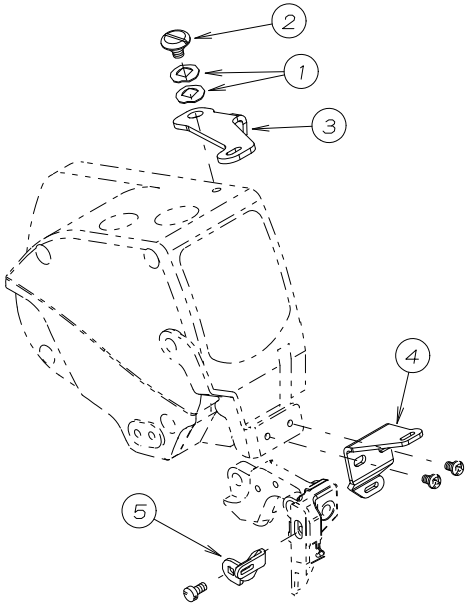
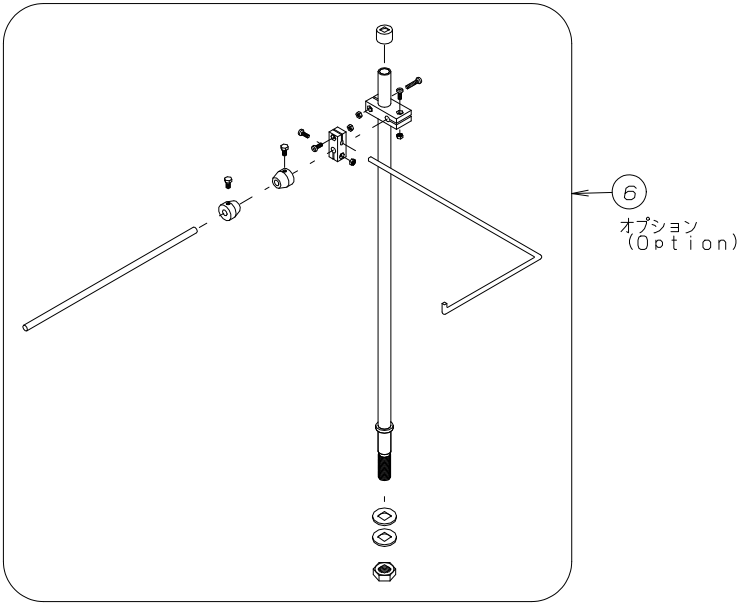
23. アクセサリー ACCESSORIES



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
23-01	54-036	警告ラベル1	SEAL	1
23-02	54-037	警告ラベル 4	SEAL	1
23-03	54-038	警告ラベル 6	SEAL	1
23-04	54-039	警告ラベル 8	SEAL	1
23-05	54-040	ピンセット	TWEZERS	1
23-06	54-041	六角レンチ 2.5mm	ALLEN KEY (2.5mm)	1
23-07	54-042	六角レンチ 3mm	ALLEN KEY (3mm)	1
23-08	54-043	六角レンチ 5mm	ALLEN KEY (5mm)	1
23-09	54-044	柄付き六角レンチ 1.5mm	ALLEN KEY (1.5mm)	1
23-10	54-045	オイル	OIL	1
23-11	54-046	シ" ヨウコ"	OIL FUNNEL	1
23-12	54-047	ガイドスレット	GUIDE THREAD	1
23-13	54-048	チェーン	CHAIN	1
23-14	54-058	本体据付ナット	NUT	4
23-15	54-070	スプリングワッシャ	SPRING WASHER	4
23-16	54-146	六角穴付ボルト	BOLT	4
23-17	54-180	フィルター	OIL FILTER	1
23-18	54-607	下メス (大)	LOWER KNIFE	1
23-19	54-643	下メス	LOWER KNIFE	1
23-20	56-902	ダスターシュート (組)	WASTE CHUTE ASSEMBLY	1
23-21	56-906	マウントベース	REST BORAD	1
23-22	56-907	クッションゴム	CUSHION RUBBER	3
23-23	56-909	クッションゴム (強)	CUSHION RUBBER	1
23-24	56-9100-1	マウントベース止ネジセット	SCREW SET	1
23-25	56-912	ワッシャ	WASHER	20
23-26	56-951	ダストカバー	DUST COVER	1
23-27	56-952	付属品箱	TOOL BAG	1
23-28	56-953	スパナ (7mm)	WRENCH (7mm)	1
23-29	56-954	スパナ (8mm)	WRENCH (8mm)	1
23-30	56-966	ドライバー大	DRIVER (L)	1

24. 専用部品 (1) JJ3014H-40M SPECIFIC PARTS (1) JJ3014H-40M

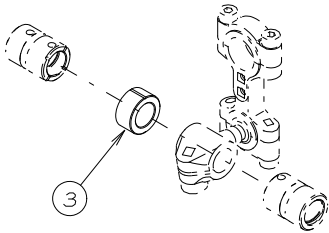
テープ付け (Tape attaching)



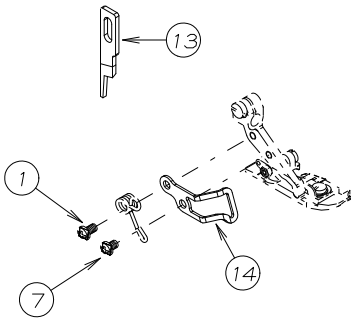
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
24-01	54-026	波座金	WASHER	2
24-02	54-439	段ネジ	SCREW	1
24-03	54-673	テープガイド A	TAPE GUIDE A	1
24-04	54-674	テープガイド B	TAPE GUIDE B	1
24-05	56-741	テープ操り	TAPE TAKE-UP	1
24-06	56-917	テープ立てセット	TAPE STAND ASSY	1

25. 専用部品 (2) SPECIFIC PARTS (2)

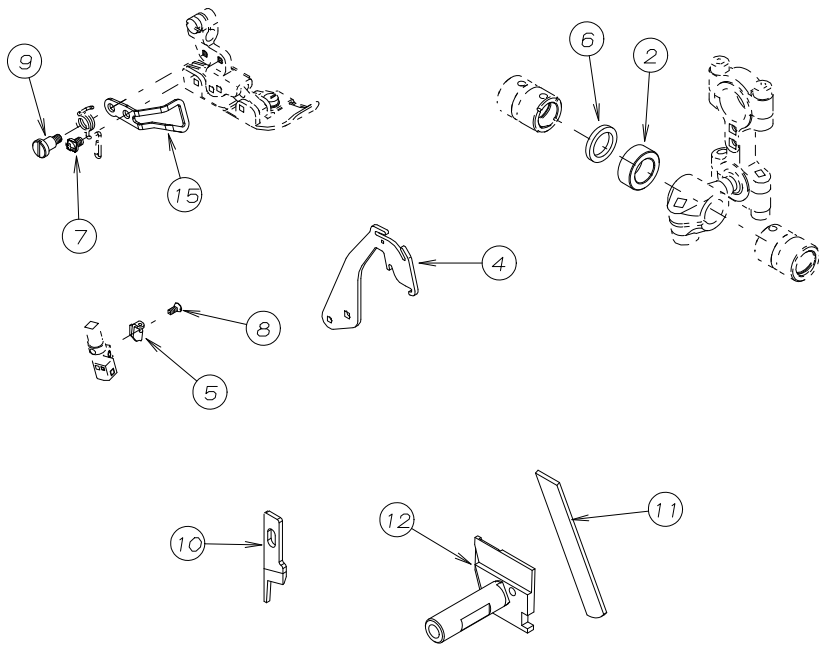
JJ3014H, JJ3143H



JJ3116S-02M



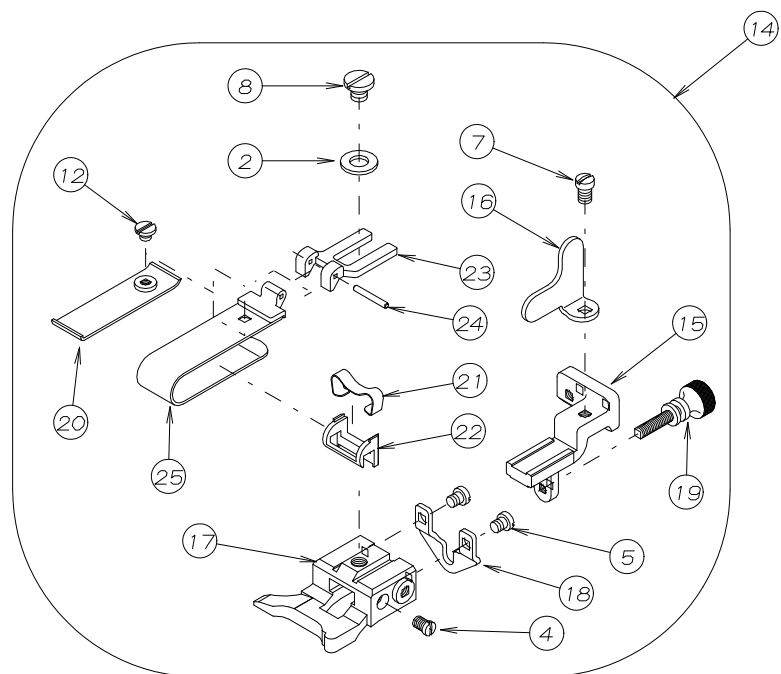
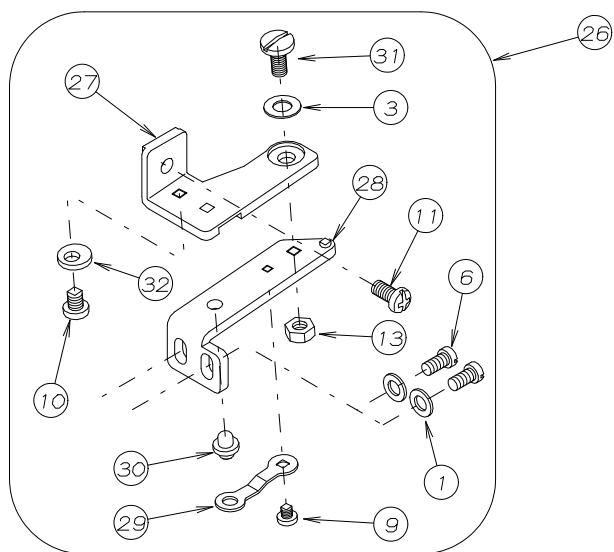
JJ3116E-03X



REF. NO.	PART NO.	品 名	DESCRIPTION	Q' TY
25-01	54-109	プラマイナベ小ネジM3x5L	SCREW M3x5L	1
25-02	54-407	スペーサー	COLLAR	1
25-03	54-408	スペーサー	COLLAR	1
25-04	54-455	針糸捌き	NEEDLE THREAD TAKEUP	1
25-05	54-465	針糸系道	THREAD EYELET	1
25-06	54-479	平座金	WASHER	1
25-07	54-494	プラマイナベ小ネジ	SCREW	2
25-08	54-497	すりわり付き皿小ネジ	SCREW	1
25-09	54-508	段付ネジ	SCREW	1
25-10	54-606	上メス (大)	UPPER KNIFE	1
25-11	54-607	下メス (大)	LOWER KNIFE	1
25-12	54-608	下メス台 (大)	LOWER KNIFE HOLDER	1
25-13	54-681	上メス (小)	UPPER KNIFE (S)	1
25-14	57-462	フィンガーガード	COVER	1
25-15	57-570	安全カバー	FINGER GUARD	1

26. 専用部品 (3) SPECIFIC PARTS (3) JJ3005S-10M

裾引き (Blind Hemming)

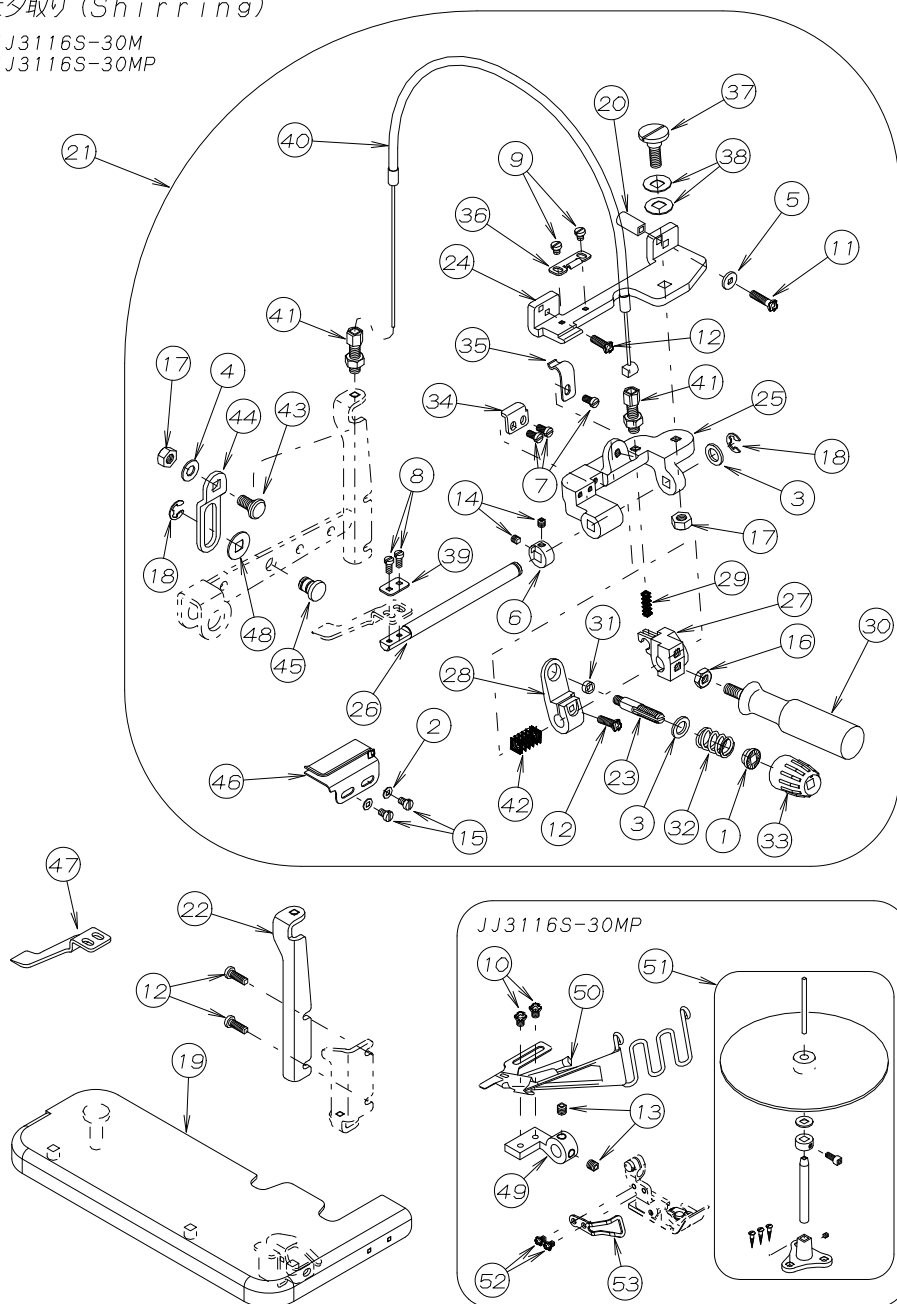


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
26-01	54-078	ワッシャ	WASHER	2
26-02	54-079	ワッシャ	WASHER	1
26-03	54-084	皿パネ	SPRING WASHER	1
26-04	54-093	平小ネジ	SCREW	1
26-05	54-095	平小ネジ	SCREW	2
26-06	54-096	ネジ	SCREW	2
26-07	54-099	平小ネジ	SCREW	1
26-08	54-101	平小ネジ	SCREW	1
26-09	54-108	プラマイナベ小ネジ M3×3L	SCREW M3×3L	1
26-10	54-111	プラマイナベ小ネジM4×5L	SCREW M4×5L	1
26-11	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	1
26-12	54-131	平小ネジ	SCREW	1
26-13	54-159	六角ナット	NUT	1
26-14	56-7000-1	裾引定規台 (組)	BLIND HEMMING GUIDE ASSY	1
26-15	56-701	裾引ガイドブラケット	BRACKET	1
26-16	56-702	ストッパー	STOPPER	1
26-17	56-703	裾引定規台	CLOTH GUIDE	1
26-18	56-704	裾引調節板	ADJUSTING PLATE	1
26-19	56-705	調節ネジ	SCREW	1
26-20	56-711	補助羽根	AUXILIARY PLATE	1
26-21	56-712	板パネ	FLAT SPRING	1
26-22	56-713	定規駒	GUIDE	1
26-23	56-715	定規羽根ヒンジ	HINGE	1
26-24	56-716	ピン	PIN	1
26-25	56-717	定規羽根	FOLDER	1
26-26	56-7200-1	ブラケット (組)	BRACKET ASSY	1
26-27	56-957	クロスガイドブラケット	BRACKET	1
26-28	56-958	ガイドブラケット	BRACKET	1
26-29	56-962	板パネ	SPRING	1
26-30	56-963	ピン	PIN	1
26-31	56-964	段ネジ	SCREW	1
26-32	56-965	ストッパー	STOPPER	1

27. 専用部品 (4) SPECIFIC PARTS (4) JJ3116S-30M, 30MP

ヒダ取り (Shirring)

JJ3116S-30M
JJ3116S-30MP

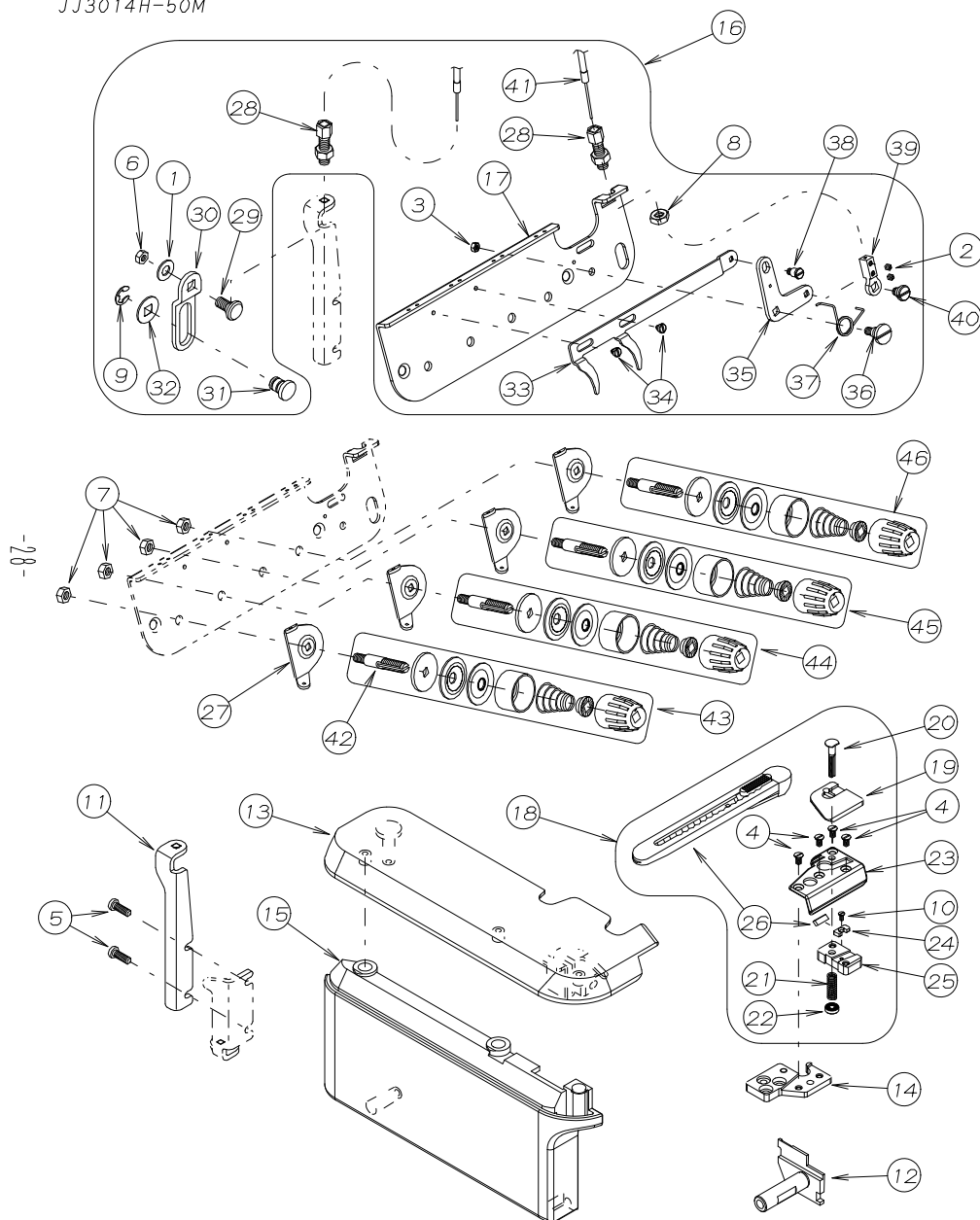


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
27-01	54-053	チャンボン皿ラチェット	SPRING POST	1
27-02	54-068	平座金 3.5	WASHER 3.5	2
27-03	54-071	ワッシャー	WASHER	2
27-04	54-075	ワッシャー	WASHER	1
27-05	54-080	ワッシャー	WASHER	1
27-06	54-082	カラー	COLLAR	1
27-07	54-088	すりわり付平小ネジ	SCREW	3
27-08	54-094	ネジ	SCREW	2
27-09	54-098	ネジ	SCREW	2
27-10	54-111	プラマイナベ小ネジM4x5L	SCREW M4x5L	2
27-11	54-115	プラマイナベ小ネジM4x16L	SCREW M4x16L	1
27-12	54-121	プラマイナベ小ネジM4x12L	SCREW M4x12L	4
27-13	54-123	六角穴付止めネジM5x5L	SCREW M5x5L	2
27-14	54-133	ネジ	SCREW	2
27-15	54-152	ネジ	SCREW	2
27-16	54-161	六角ナット	NUT	1
27-17	54-162	六角ナット	NUT	2
27-18	54-170	E型止め輪	E-RING	2
27-19	54-6830-1	クロスプレート	CLOTH PLATE	1
27-20	54-684	スペーサー	SPACER	1
27-21	54-6850-1	ひだ取り装置 (組)	SHIRRING ATTACHMENT	1
27-22	54-686	ブラケット	BRACKET	1
27-23	56-266	糸調子台	SCREW STUD	1
27-24	56-401	ブラケット	BRACKET	1
27-25	56-402	ブラケット	BRACKET	1
27-26	56-403	軸	SHAFT	1
27-27	56-404	ブラケット	BRACKET	1
27-28	56-405	バネ案内	SPRING GUIDE	1
27-29	56-406	圧縮バネ	SPRING	1
27-30	56-407	手揚げレバー	LEVER	1
27-31	56-408	スペーサー	SPACER	1
27-32	56-409	圧縮バネ	SPRING	1
27-33	56-410	調子ダイヤル	POST NUT	1
27-34	56-411	ストッパー	STOPPER	1
27-35	56-412	板バネ	FLAT SPRING	1
27-36	56-413	板バネ	FLAT SPRING	1
27-37	56-415	段ネジ	SCREW	1
27-38	56-416	さらばね	SPRING WASHER	2
27-39	56-417	ワッシャー	WASHER	1
27-40	56-418	ワイヤーケーブル	CABLE	1
27-41	56-419	ケーブル受け	CABLE SUPPORT	2
27-42	56-420	圧縮バネ	SPRING	1
27-43	56-421	段付ネジ	SCREW	1
27-44	56-422	連結板	PLATE	1
27-45	56-423	連結ピン	PIN	1
27-46	56-424	布案内	CLOTH GUIDE	1
27-47	56-425	ブレード	BLADE	1
27-48	56-428	ワッシャー	WASHER	1
27-49	56-446	ブラケット	BRACKET	1
27-50	56-447	パイピングホルダー (20)	PIPING FOLDER (20)	1
27-51	56-918	テープ立て	TAPE STAND	1
27-52	54-494	プラマイナベ小ネジ	SCREW	2
27-53	57-570	安全カバー	FINGER GUARD	1

28. 専用部品 (5) SPECIFIC PARTS (5) JJ3004S-50M

バックタック (Back Latching)

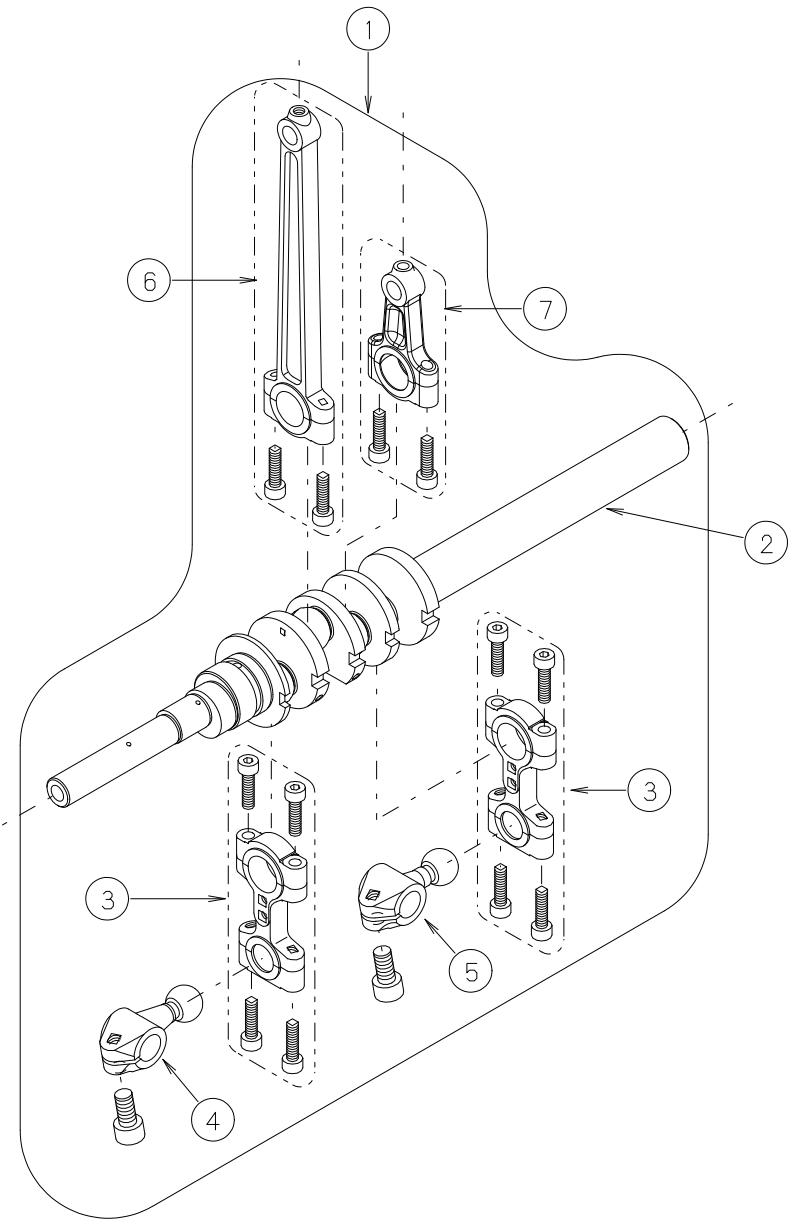
JJ3004S-50M
JJ3014H-50M



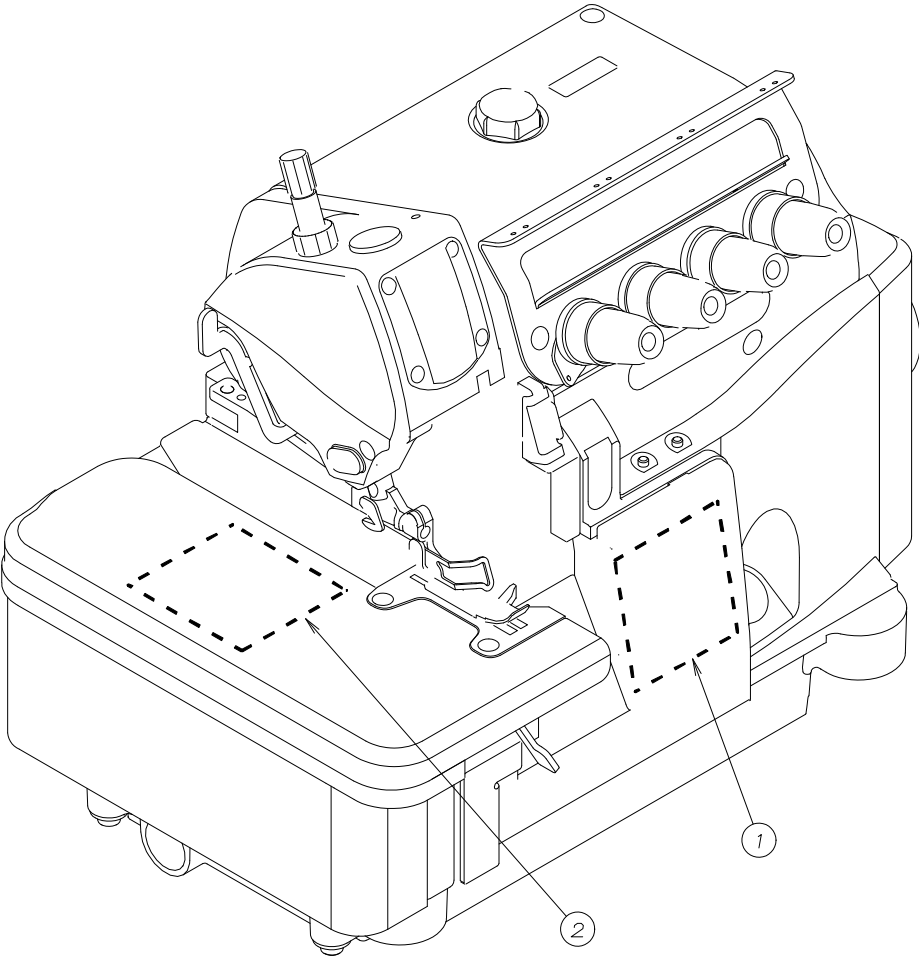
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
28-01	54-075	ワッシャー	WASHER	1
28-02	54-092	六角穴付止めネジ	SCREW	2
28-03	54-107	六角ナット	NUT	1
28-04	54-119	スリワリ付皿小ネジM3×6L	SCREW M3×6L	4
28-05	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	2
28-06	54-159	六角ナット	NUT	1
28-07	54-160	ナット	NUT	4
28-08	54-161	六角ナット	NUT	1
28-09	54-170	E型止め輪	E-RING	1
28-10	54-497	すりわり付き皿小ネジ	SCREW	1
28-11	54-686	ブラケット	BRACKET	1
28-12	54-687	下メス台 (50M)	LOWER KNIFE HOLDER	1
28-13	54-6880-1	クロスプレート (幅狭)	CLOTH PLATE (NARROW)	1
28-14	54-689	針板取付板前 (50M)	NEEDLE SUPPORT BRACKET FRONT	1
28-15	54-691	サイドカバー (幅狭)	SIDE COVER (NARROW)	1
28-16	54-6920-1	糸繰め装置	TENSION RELEASE DEVICE	1
28-17	54-693	糸調子台プレート	BRACKET	1
28-18	54-6940-1	バックタック装置 (組)	BACK LATCHING DEVICE ASSY	1
28-19	54-695	空環押え	PLATE	1
28-20	54-696	段ネジ	SCREW	1
28-21	54-697	圧縮バネ	SPRING	1
28-22	54-698	丸ナット	NUT	1
28-23	54-699	メス案内板	KNIFE GUIDE	1
28-24	54-700	ラッチ	LATCH	1
28-25	54-701	ブラケット	BRACKET	1
28-26	54-702	メス	KNIFE	1
28-27	56-253	糸調子台糸道	THREAD GUIDE	4
28-28	56-419	ケーブル受け	CABLE SUPPORT	2
28-29	56-421	段付ネジ	SCREW	1
28-30	56-422	連結板	PLATE	1
28-31	56-423	連結ピン	PIN	1
28-32	56-428	ワッシャー	WASHER	1
28-33	56-472	糸繰め板	PLATE	1
28-34	56-473	段ネジ	SCREW	2
28-35	56-474	糸繰めレバー	LEVER	1
28-36	56-475	段ネジ	SCREW	1
28-37	56-476	巻バネ	SPRING	1
28-38	56-477	段ネジ	SCREW	1
28-39	56-478	連結ブラケット	BRACKET	1
28-40	56-479	段ネジ	SCREW	1
28-41	56-480	ワイヤーケーブル	CABLE	1
28-42	56-481	糸調子台	SCREW STUD	4
28-43	56-4820-1	糸調子セット (A)	TENSION SET (A)	1
28-44	56-4830-1	糸調子セット (B)	TENSION SET (B)	1
28-45	56-4840-1	糸調子セット (C)	TENSION SET (C)	1
28-46	56-4850-1	糸調子セット (D)	TENSION SET (D)	1

29. 主軸セット一覧表 CRANKSHAFT SET PARTS TABLE

①	②	③	④	⑤	⑥	⑦	
主軸セット	クランクシャフト	上トル-バ-ロッド	トル-バ-ロッド球	上トル-バ-ロッド球	針棒クランクロッド	上マスクランクロッド	モデル
CRANKSHAFT SET	CRANKSHAFT	LOOPER ROD ASSY	LOWER LOOPER CRANK	UPPER LOOPER CRANK	NEEDLE BAR CRANK ROD	UPPER KNIFE CRANK ROD	MODEL
54-6010-1	54-513	54-5990-1	54-395	54-409	54-5980-1	54-6000-1	JJ3004S
54-6020-1	54-513	54-5990-1	54-395	54-410	54-5980-1	54-6000-1	JJ3014H
54-6030-1	54-513	54-5990-1	54-421	54-409	54-5980-1	54-6000-1	JJ3116S
54-6040-1	54-513	54-5990-1	54-421	54-410	54-5980-1	54-6000-1	JJ3116H JJ3143H
54-6050-1	54-531	54-5990-1	54-421	54-410	54-5980-1	54-6000-1	JJ3116E



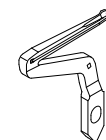
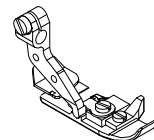
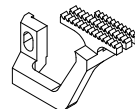
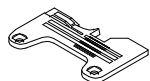
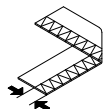
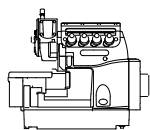
30. 糸通し図一覧表 *THREADING DIAGRAM*



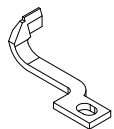
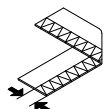
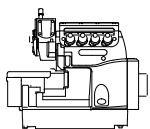
部品番号 PARTS NO		適用機種 Applicable Machines
①	②	
54-470		JJ3004S-01M , JJ3005S-10M JJ3004S-20F , JJ3004S-50M
54-471		JJ3014H-01M , JJ3014H-40M JJ3014H-50M
54-472	54-477	JJ3116S-01M , JJ3116S-01H JJ3116S-02M , JJ3116H-01H JJ3116S-30M , JJ3116S-30MP
54-655	54-477	JJ3116E-03X
54-664	54-477	JJ3143H-90M

31. JJ30 ゲージ部品一覧表 (1)

JJ30 GAUGE PARTS TABLE (1)



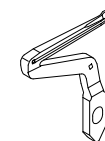
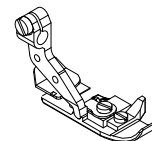
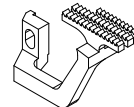
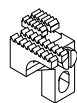
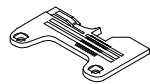
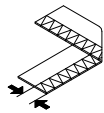
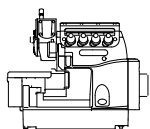
ミシン形式	ゲージ		針板	主送り歯 (組)	主送り歯	補助送り歯	差動送り歯	押え (組)	押えストッパー	上ルーパー	下ルーパー
MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASS'Y	MAIN FEED DOG	AUXILIARY FEED DOG	DIFFERENTIAL FEED DOG	PRESSER FOOT ASS'Y	STOPPER	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JJ3004S-01M	-	4	57-171	57-2610-1	57-262	57-263	57-269	57-5410-1	57-548	57-411	57-414
JJ3005S-10M	-	3	57-178	57-2790-1	57-272	57-263	57-277	57-5840-1	57-548	57-411	57-414
JJ3005S-10M	-	4	57-179	57-2790-1	57-272	57-263	57-277	57-5890-1	57-548	57-411	57-414
JJ3004S-20F	-	1	57-175	57-2730-1	57-272	57-274	57-277	57-5710-1	57-548	57-411	57-414
JJ3004S-50M	-	3	57-188	57-2870-1	57-288	57-263	57-289	57-5930-1	57-548	57-411	57-414
JJ3004S-50M	-	4	57-189	57-2870-1	57-288	57-263	57-289	57-5950-1	57-548	57-411	57-414
JJ3014H-01M	2	3	57-180	57-2610-1	57-262	57-263	57-269	57-5910-1	57-548	57-412	57-414
JJ3014H-01M	2	4	57-172	57-2610-1	57-262	57-263	57-269	57-5500-1	57-548	57-412	57-414



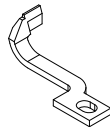
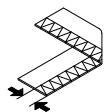
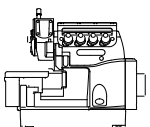
ミシン形式	ゲージ		針受け		針株	針					
			前	後							
MACHINE TYPE /SPEC	GAUGE		NEEDLE GUARD		NEEDLE HOLDER	NEEDLE					
	NG	SW	FRONT	REAR							
J J 3004S-01M	-	4	57-417	57-419	57-531	DCx27 #9					
J J 3005S-10M	-	3	57-417	57-419	57-531	DCx27 #9					
J J 3005S-10M	-	4	57-417	57-419	57-531	DCx27 #9					
J J 3004S-20F	-	1	57-417	57-419	57-531	DCx27 #11					
J J 3004S-50M	-	3	57-417	57-419	57-531	DCx27 #9					
J J 3004S-50M	-	4	57-417	57-419	57-531	DCx27 #9					
J J 3014H-01M	2	3	57-417	57-419	57-532	DCx27 #9					
J J 3014H-01M	2	4	57-417	57-419	57-532	DCx27 #9					

32. JJ30 ゲージ部品一覧表 (2)

JJ30 GAUGE PARTS TABLE (2)



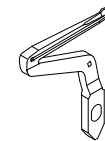
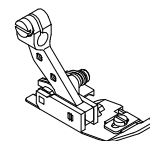
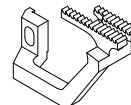
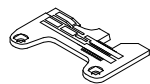
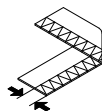
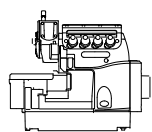
ミシン形式	ゲージ		針板	主送り歯 (組)	主送り歯	補助送り歯	差動送り歯	押え (組)	押えストッパー	上ルーパー	下ルーパー
MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASS'Y	MAIN FEED DOG	AUXILIARY FEED DOG	DIFFERENTIAL FEED DOG	PRESSER FOOT ASS'Y	STOPPER	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JJ3014H-01M	2	5	57-181	57-2610-1	57-262	57-263	57-269	57-5500-1	57-548	57-412	57-414
JJ3014H-40M	2	4	57-172	57-2610-1	57-262	57-263	57-269	57-5740-1	57-548	57-412	57-414
JJ3014H-40M	2	5	57-181	57-2610-1	57-262	57-263	57-269	57-5740-1	57-548	57-412	57-414
JJ3014H-50M	2	4	57-190	57-2870-1	57-288	57-263	57-289	57-5960-1	57-548	57-412	57-414
JJ3014H-50M	2	5	57-191	57-2870-1	57-288	57-263	57-289	57-5960-1	57-548	57-412	57-414



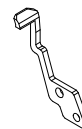
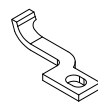
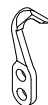
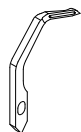
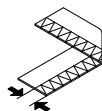
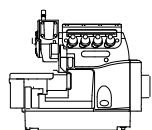
ミシン形式	ゲージ		針受け		針株	針					
			前	後							
MACHINE TYPE /SPEC	GAUGE		NEEDLE GUARD		NEEDLE HOLDER	NEEDLE					
	NG	SW	FRONT	REAR							
JJ3014H-01M	2	5	57-417	57-419	57-532	DCx27 #9					
JJ3014H-40M	2	4	57-417	57-419	57-532	DCx27 #9					
JJ3014H-40M	2	5	57-417	57-419	57-532	DCx27 #9					
JJ3014H-50M	2	4	57-417	57-419	57-532	DCx27 #9					
JJ3014H-50M	2	5	57-417	57-419	57-532	DCx27 #9					

3.3. JJ31 ゲージ部品一覧表 (1)

JJ31 GAUGE PARTS TABLE (1)



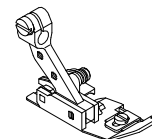
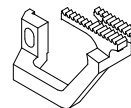
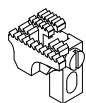
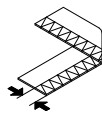
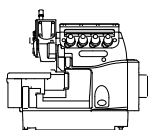
ミシン形式	ゲージ		針板	主送り歯 (組)	主送り歯	補助送り歯	差動送り歯	押え (組)	押え補助バネ	上ルーパー	下ルーパー
MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASS'Y	MAIN FEED DOG	AUXILIARY FEED DOG	DIFFERENTIAL FEED DOG	PRESSER FOOT ASS'Y	SPRING	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JJ3116S-01M	3	4	57-173	57-2640-1	57-265	57-263	57-270	57-5520-1	57-561	57-411	57-414
JJ3116S-02M	3	4	57-173	57-2640-1	57-265	57-263	57-270	57-4500-1	57-461	57-411	57-414
JJ3116S-01H	3	5	57-182	57-2750-1	57-276	57-263	57-280	57-5520-1	57-561	57-412	57-414
JJ3116S-01H	5	5	57-176	57-2750-1	57-276	57-263	57-278	57-5790-1	57-561	57-412	57-414
JJ3116H-01H	3	4	57-183	57-2750-1	57-276	57-263	57-280	57-5520-1	57-561	57-411	57-414
JJ3116H-01H	5	5	57-176	57-2750-1	57-276	57-263	57-278	57-5790-1	57-561	57-411	57-414
JJ3116S-30M	3	4	57-185	57-2810-1	57-282	57-263	57-285	57-4630-1	57-561	57-412	57-414
JJ3116S-30MP	3	4	57-185	57-2810-1	57-282	57-263	57-285	57-4680-1	-	57-412	57-414



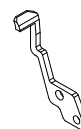
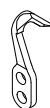
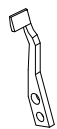
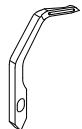
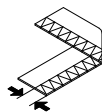
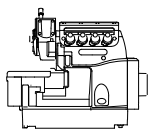
ミシン形式	ゲージ		二重環ルーパー	オーバー針受け		二重環針受け		針株	針		
				前	後	前	後				
	NG	SW	CHAINSTITCH LOOPER	OVERLOCK NEEDLE GUARD FRONT	OVERLOCK NEEDLE GUARD REAR	CHAINSTITCH NEEDLE GUARD FRONT	CHAINSTITCH NEEDLE GUARD REAR	NEEDLE HOLDER	NEEDLE		
JJ3116S-01M	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #11		
JJ3116S-02M	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #11		
JJ3116S-01H	3	5	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #14		
JJ3116S-01H	5	5	57-415	57-418	57-419	57-420	57-421	57-535	DCx27 #14		
JJ3116H-01H	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #14		
JJ3116H-01H	5	5	57-415	57-418	57-419	57-420	57-421	57-535	DCx27 #14		
JJ3116S-30M	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #14		
JJ3116S-30MP	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #14		

34. JJ31 ゲージ部品一覧表 (2)

JJ31 GAUGE PARTS TABLE (2)



ミシン形式	ゲージ		針板	主送り歯 (組)	主送り歯	補助送り歯	差動送り歯	押え (組)	押え補助バネ	上ルーパー	下ルーパー
MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASS'Y	MAIN FEED DOG	AUXILIARY FEED DOG	DIFFERENTIAL FEED DOG	PRESSER FOOT ASS'Y	SPRING	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JJ3116S-30M	5	5	57-186	57-2830-1	57-284	57-263	57-286	57-4660-1	57-561	57-412	57-414
JJ3116E-03X	5	5	57-184	57-2660-1	57-267	57-268	57-271	57-5630-1	57-569	57-413	57-414
JJ3116E-03X	5	6	57-174	57-2660-1	57-267	57-268	57-271	57-5630-1	57-569	57-413	57-414
JJ3116E-03X	5	7	57-187	57-2660-1	57-267	57-268	57-271	57-5630-1	57-569	57-413	57-414
JJ3143H-90M	3x2	4	57-177	57-2750-1	57-276	57-263	57-278	57-5820-1	57-561	57-412	57-414



ミシン形式	ゲージ		二重環ルーパー	オーバー針受け		二重環針受け		針株	針		
				前	後	前	後				
	NG	SW	CHAINSTITCH LOOPER	OVERLOCK NEEDLE GUARD FRONT	OVERLOCK NEEDLE GUARD REAR	CHAINSTITCH NEEDLE GUARD FRONT	CHAINSTITCH NEEDLE GUARD REAR	NEEDLE HOLDER	NEEDLE		
JJ3116S-30M	5	5	57-415	57-418	57-419	57-420	57-421	57-535	DCx27 #14		
JJ3116E-03X	5	5	57-416	57-418	57-419	57-420	57-421	57-534	DCx27 #21		
JJ3116E-03X	5	6	57-416	57-418	57-419	57-420	57-421	57-534	DCx27 #21		
JJ3116E-03X	5	7	57-416	57-418	57-419	57-420	57-421	57-534	DCx27 #21		
JJ3143H-90M	3x2	4	57-415	57-418	57-419	57-420	57-421	57-536	DCx27 #11		

INDEX 1

REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番	REF. NO.	PART NO. 品 番		
13-01	54-020	17-02	54-108	02-07	54-133	02-11	54-304	02-33	54-359	19-09	54-417	16-14	54-473	03-26	54-511	10-26	54-569	13-30	54-626	28-20	54-696	27-33	56-410
02-01	54-026	22-15	54-108	03-06	54-133	02-12	54-305	03-18	54-359	19-10	54-418	15-12	54-474	03-27	54-512	10-27	54-570	11-18	54-627	28-21	54-697	27-34	56-411
03-01	54-026	26-09	54-108	06-01	54-133	02-13	54-306	03-19	54-360	19-11	54-419	16-15	54-474	05-08	54-513	10-28	54-571	13-31	54-628	28-22	54-698	27-35	56-412
19-01	54-026	02-02	54-109	10-05	54-133	02-14	54-307	03-20	54-361	18-04	54-420	15-13	54-475	05-09	54-514	10-29	54-572	13-32	54-629	28-23	54-699	27-36	56-413
24-01	54-026	12-02	54-109	12-05	54-133	02-15	54-308	02-34	54-362	08-08	54-421	16-16	54-475	05-10	54-515	02-38	54-573	05-31	54-630	28-24	54-700	27-37	56-415
05-01	54-031	25-01	54-109	13-07	54-133	02-16	54-309	20-06	54-363	18-05	54-422	15-14	54-476	05-11	54-516	10-30	54-573	13-33	54-631	28-25	54-701	27-38	56-416
23-01	54-036	10-02	54-111	15-02	54-133	03-09	54-3100-1	12-09	54-364	18-06	54-423	16-17	54-476	05-12	54-517	20-08	54-573	13-34	54-632	28-26	54-702	27-39	56-417
23-02	54-037	16-01	54-111	16-03	54-133	03-10	54-311	12-10	54-365	18-07	54-424	08-09	54-478	05-13	54-518	10-31	54-574	13-35	54-633	07-33	54-703	27-40	56-418
23-03	54-038	19-02	54-111	27-14	54-133	01-04	54-312	12-11	54-366	18-08	54-425	10-09	54-478	05-14	54-519	11-06	54-574	13-36	54-634	07-34	54-7040-1	27-41	56-419
23-04	54-039	22-16	54-111	05-06	54-136	03-11	54-313	12-12	54-367	18-09	54-426	25-06	54-479	05-15	54-520	10-32	54-575	13-37	54-635	06-23	54-705	28-28	56-419
23-05	54-040	26-10	54-111	02-08	54-137	02-17	54-314	12-13	54-368	18-10	54-427	07-22	54-480	05-16	54-521	18-21	54-575	13-38	54-636	06-24	54-7060-1	27-42	56-420
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23-07	54-042	02-03	54-112	12-06	54-143	03-12	54-316	12-15	54-370	18-11	54-428	07-23	54-481	05-18	54-523	18-22	54-576	13-40	54-638	14-05	56-035	28-29	56-421
23-08	54-043	03-03	54-112	02-09	54-144	17-07	54-317	12-16	54-371	18-12	54-429	08-11	54-481	05-19	54-524	04-12	54-577	09-35	54-639	06-19	56-044	27-44	56-422
23-09	54-044	09-04	54-112	06-02	54-144	02-19	54-318	12-17	54-372	18-13	54-430	18-16	54-481	05-20	54-525	10-34	54-578	09-36	54-640	07-31	56-127	28-30	56-422
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23-12	54-047	13-04	54-112	11-05	54-144	04-02	54-321	12-20	54-375	18-15	54-432	06-16	54-484	05-23	54-528	09-30	54-581	11-21	54-643	28-27	56-253	27-46	56-424
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14-19	54-053	03-04	54-113	13-08	54-149	04-06	54-325	12-24	54-380	19-14	54-436	08-13	54-486	05-27	54-532	11-10	54-586	20-10	54-646	14-10	56-269	27-49	56-446
27-01	54-053	05-03	54-113	18-02	54-149	04-07	54-326	12-25	54-381	19-15	54-437	18-17	54-486	09-11	54-533	11-11	54-587	20-11	54-647	14-11	56-270	27-50	56-447
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14-21	54-057	11-02	54-113	27-15	54-152	03-13	54-328	12-27	54-383	03-23	54-439	18-18	54-487	09-13	54-535	09-32	54-589	20-13	54-649	14-13	56-2720-1	28-33	56-472
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22-13	54-084	11-04	54-121	13-09	54-180	06-07	54-347	07-13	54-404	16-08	54-457	15-16	54-499	10-13	54-556	13-17	54-612	25-13	54-681	17-18	56-355	26-17	56-703
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27-07	54-088	20-03	54-121	09-10	54-182	06-09	54-349	07-15	54-406	16-10	54-459	03-25	54-500	10-15	54-558	13-19	54-614	27-20	54-684				

INDEX 2

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MEMO

[illegible]

INSTRUCTION

JJ *SERIES*

Industrial Sewing Machines

JJ30

JJ31

Second published: July 2014

No.KX14028

KANSAI
SPECIAL®

INTRODUCTION

Thank you for purchasing Kansai Special's JJ series machine.

Please study this instruction manual carefully before operating the machine.

1. This instruction manual describes adjustments and maintenance on this machine.
2. Before operating the machine, check the pulley cover and safety cover, etc.
3. Before adjusting, cleaning, threading the machine or replacing the needles, be sure to turn off the power.
4. Never operate the machine with no oil in the reservoir.
5. Refer to the parts list as well as this instruction manual before the preventive maintenance.
6. The contents described in this instruction manual are subject to change without notice.

CONTENTS

1. NEEDLES & THREADING

- 1-1 Needles1
- 1-2 Needle replacement1
- 1-3 Correct threading the machine2

2. MACHINE SPEED

- 2-1 Machine speed & operating direction5
- 2-2 Motor & belt5

3. LUBRICATION

- 3-1 Oil specification6
- 3-2 Oiling6
- 3-3 Oil & filter replacement6
- 3-4 Oiling respective parts7
- 3-5 Oiling HR device7

4. INSTALLATION

- 4-1 Table diagram8
- 4-2 Installation process10

5. NEEDLE BAR HEIGHT ADJUSTMENT

- 5-1 Initial needle bar height11
- 5-2 Needle bar height adjustment11

6. CLEARANCE OF LOWER LOOPER & NEEDLE

- 6-1 Lower looper gauge12
- 6-2 Clearance between lower looper and needle12

7. UPPER LOOPER ADJUSTMENT

- 7-1 Gauge of upper looper and needle13
- 7-2 looper relation13

8. DOUBLE CHAIN LOOPER ADJUSTMENT

- 8-1 Double chain looper gauge14
- 8-2 Clearance between double chain looper and needle14

9. FEED DOG & STITCH LENGTH ADJUSTMENT

- 9-1 Feed dog height adjustment15
- 9-2 Feed dog inclination adjustment15
- 9-3 Stitch length adjustment16
- 9-4 Differential feed dog adjustment16

10. PRESSER FOOT ADJUSTMENT

- 10-1 Presser foot pressure adjustment17
- 10-2 Position & maximum lift height17

11. STITCH FORMATION ADJUSTMENT

- 11-1 Thread tension adjustment18
- 11-2 The needle thread take-up & thread eyelet (adjustment)18
- 11-3 Looper thread take up adjustment20
- 11-4 Double chain looper thread take-up21

12. UPPER & LOWER CUTTER ADJUSTMENT

- 12-1 Correct knife position22
- 12-2 Lower cutter sharpening22

13. NEEDLE GUARD ADJUSTMENT

14. STANDARD MEASUREMENT TABLE

【1】 INTRODUCTION

1-1 Needles

Standard needles are Schumetz B-27 and Organ DC×27.

Needle numbers vary in each model, so standard needles are highly recommended.

< Needle maker & needle number > M

	Schumetz B-27	Organ DC×27
JJ3004(G)S-01M	Nm65	#9
JJ3004(G)S-20F	Nm75	#11
JJ3004(G)S-50M	Nm65	#9
JJ3005(G)S-10M	Nm65	#9
JJ3014(G)H-01M	Nm65	#9
JJ3014(G)H-40M	Nm65	#9
JJ3014(G)H-50M	Nm65	#9
JJ3116(G)S-01M	Nm75	#11
JJ3116(G)S-02M	Nm75	#11
JJ3116(G)S-01H	Nm90	#14
JJ3116(G)S-30M	Nm90	#14
JJ3116(G)S-30M-P	Nm90	#14
JJ3116(G)H-01H	Nm90	#14
JJ3116(G)E-03X	Nm130	#21
JJ3143(G)H-90M	Nm75	#11

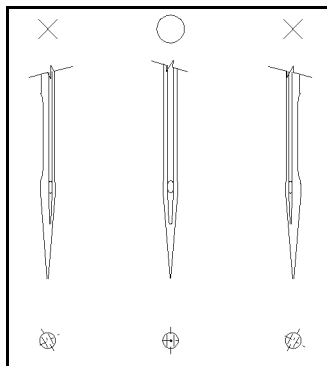
1-2 Needle replacement

When replacing needles, make sure that needle scarf faces backward from the operator's view point.

Refer to the illustration on the right.

< Note >

When replacing needles, be sure to turn off the machine. Regarding clutch motors, keep stepping on the pedal until the machine comes to a halt completely.



1-3 Correct threading the machine

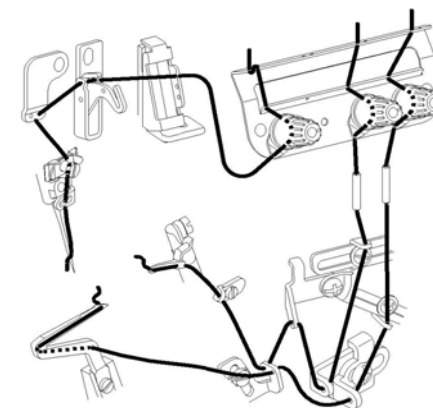
Thread the machine correctly by referring to the illustrations below.

Incorrect threading causes skipped stitch, thread breakage, and uneven stitch formation.

Correct threading is dependant upon the number of threads, thread material and so on.

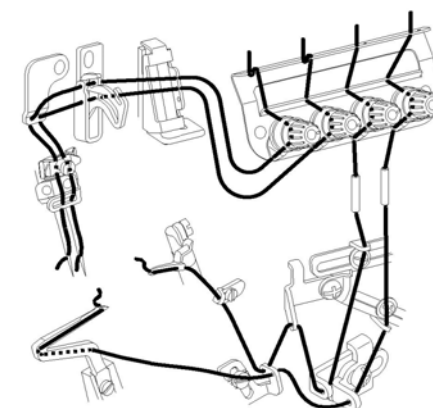
Turn to the page 11 for further information.

STICH TYPE 504, 505



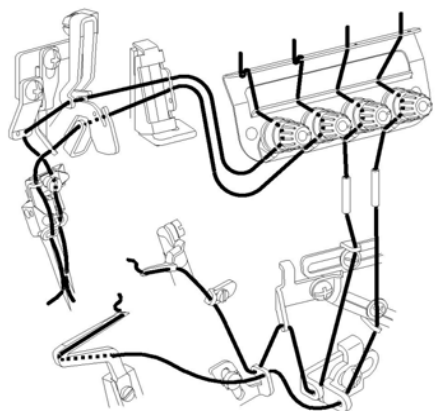
JJ3004(G)S-01M
JJ3005(G)S-10M
JJ3004(G)S-20F
JJ3004(G)S-50M

STICH TYPE 514



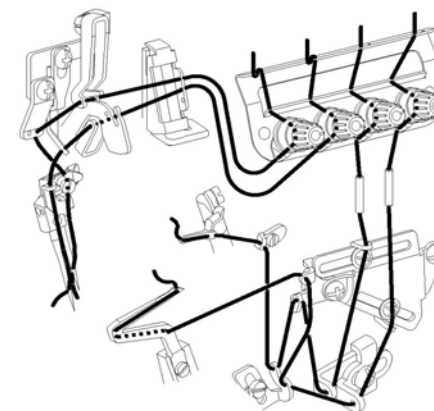
JJ3014(G)H-01M
JJ3014(G)H-40M
JJ3014(G)H-50M

STICH TYPE 516

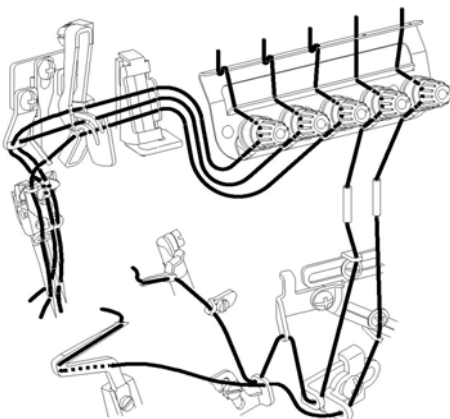


JJ3116(G)S-01M
JJ3116(G)S-02M
JJ3116(G)S-01H
JJ3116(G)S-30M
JJ3116(G)S-30M-P
JJ3116(G)H-01H

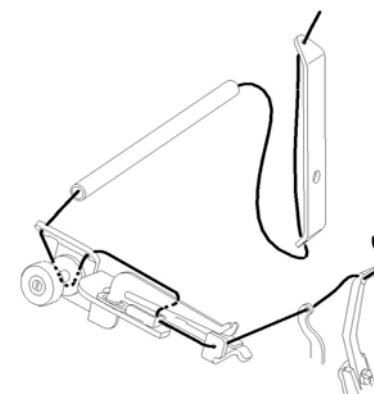
JJ3116(G)E-03X



JJ3143(G)H-90M



STICH TYPE 401

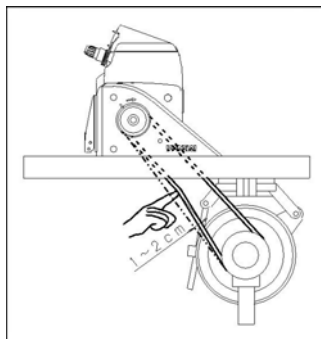


【2】 MACHINE SPEED

2-1 Machine speed & operating direction

Refer to maximum and average speed of the machine at the table below. If your machine is new, you have to operate the machine at 15~20% lesser than maximum speed for the first 200 hours (about one month) so that you can break it in.

After this period, operating the machine at average speed will increase the endurance.



2-2 Motor & belt

Motor: 3 phase, 2 pole 400W clutch motor

Belt: M type V belt

Select the proper motor pulley according to the machine speed (refer to the motor pulley outer diameter on the table below). Adjust the position of the motor by pressing the middle of the belt with the index finger until the belt can bent 1~2cm inward. (See the illustration above)

<Machine speed>

Model	Maximum speed	Average speed
JJ3004(G)S JJ3005(G)S	8500SPM	7500SPM
JJ3014(G)H JJ3116(G)S	7500SPM	6500SPM
JJ3116(G)S-30M JJ3116(G)H-01H	7000SPM	6000SPM
JJ3116(G)E-03X	6500SPM	5500SPM
JJ3143(G)H	7000SPM	6000SPM

<Motor pulley>

Motor pulley Outer diameter (mm)	Machine speed (SPM)	
	50Hz	60Hz
80	4200	80
90	4700	90
100	5200	100
110	5800	110
120	6300	120

【3】 LUBRICATION

3-1 Oil specification

Kansai Special's genuine oil is highly recommended.

(Parts number 54-045 : 700cc)

3-2 Oiling

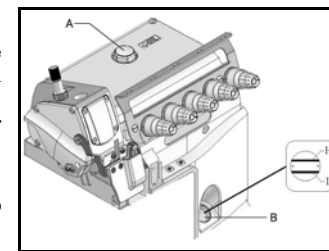
■ Lubrication

Take the Oil Pot A and fill the machine with the genuine oil until the indicator reaches the line H in the oil gauge B.

Most of the time, fill up the oil until the indicator appears between the line H and L.

■ Lubrication check

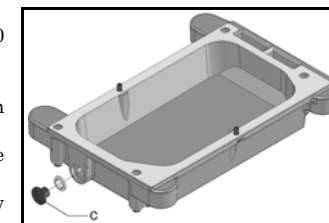
When the lubrication is over, run the machine to check for oil splashing in the window A.



3-3 Oil & filter replacement

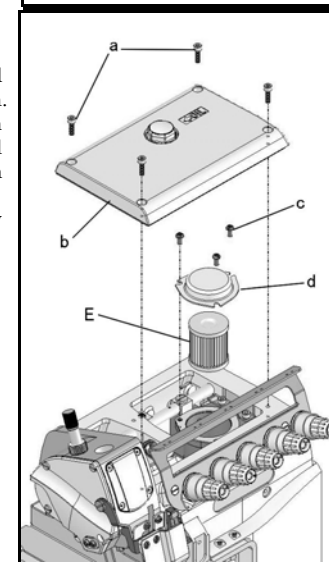
To prolong machines' lifespan, replace the oil in 250 hour use. Follow the procedure below

1. Take the V belt off the motor pulley and then take the machine off the table.
2. Loosen the screw C and drain all the oil from the machine.
3. After the oil has been drained, tighten the screw C without fail.
4. Fill up the oil as instructed above.



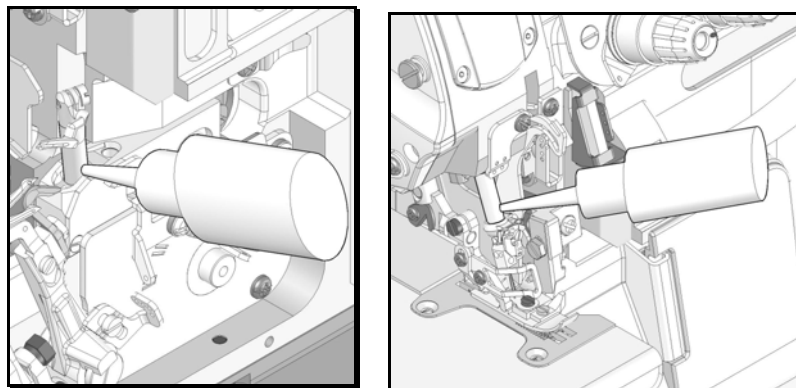
If filter E is dirty, the machine is not lubricated properly. Normally, it has to replace every 6 month. Check for proper function of the lubrication system and maintain the proper amount and type of oil periodically. In order to replace the filter E, loosen all the necessary screws (a ~ d).

In case the filter is clogged, replace it with a new one.



3-4 Oiling respective parts

Oiling respective parts is necessary when the machine runs either for the first time or for the first time in a long while.



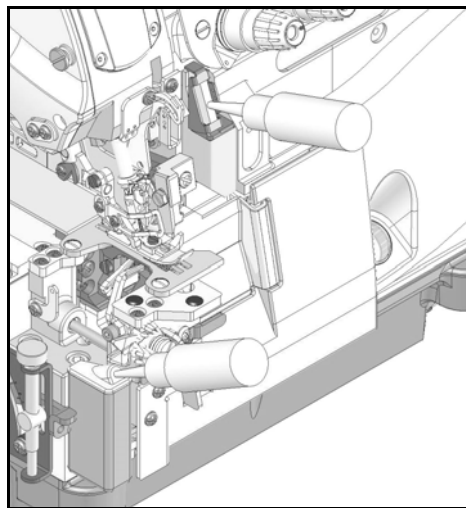
3-5 Oiling HR device

■ Oil in use

■ Kansai Special's genuine silicon oil is highly recommended
(part number 28-612 : 20cc)

■ Oiling process

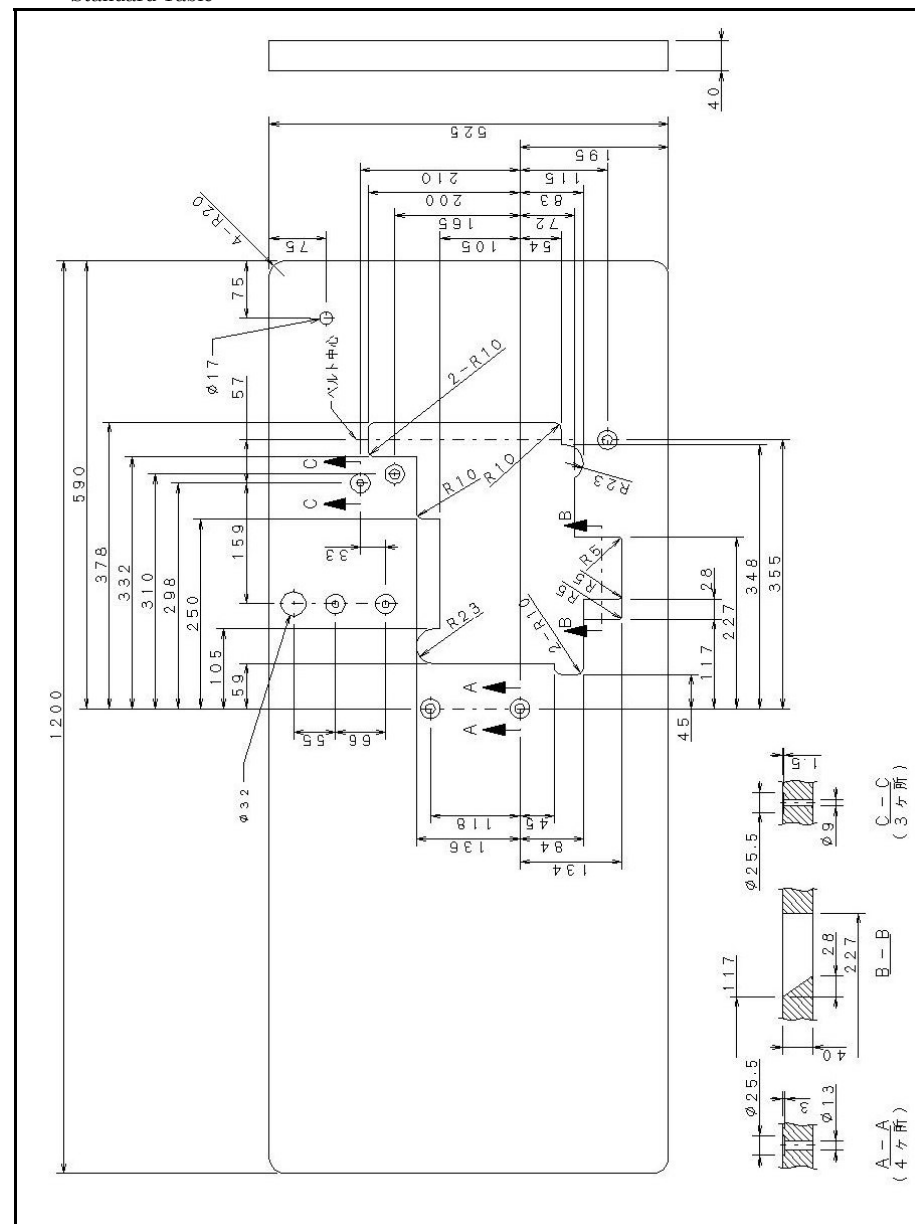
Fill the silicon oil reservoir with Kansai Special's genuine oil.
Periodical oil reservoir check is essential to prevent needle thread breakage and fabric damage.



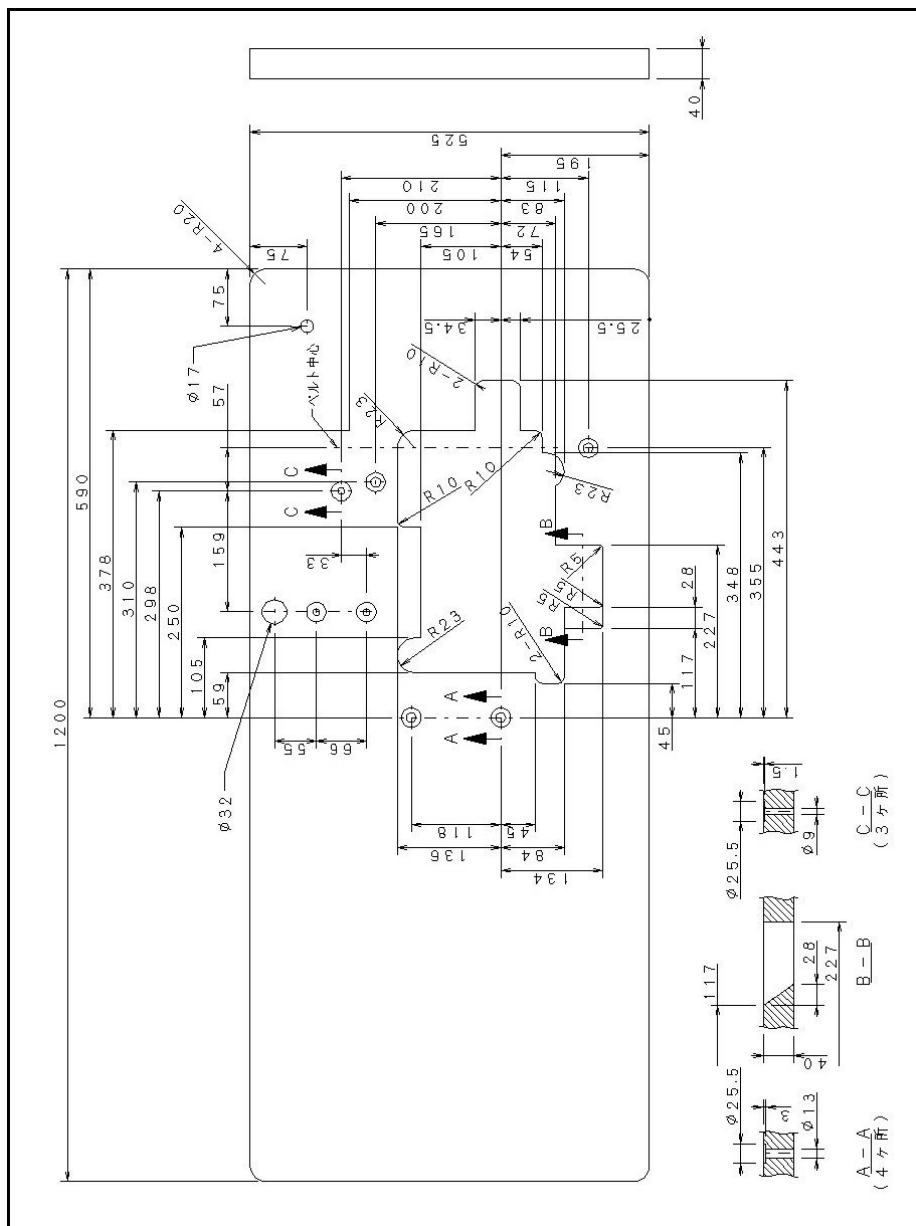
【4】 INSTALLATION

4-1 Table diagram

Standard Table



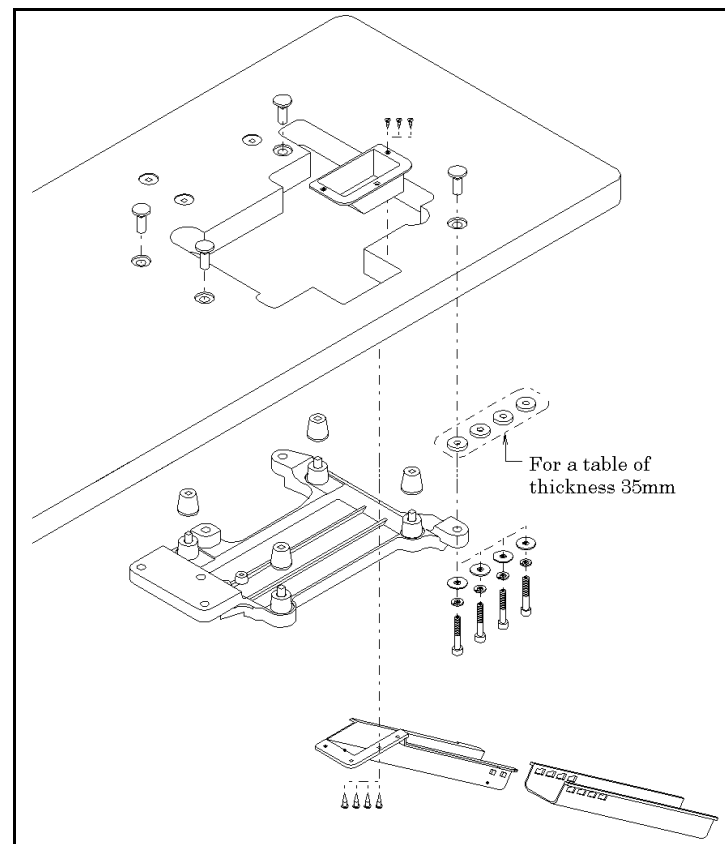
For direct motor



4-2 Installation process

Refer to the illustration below.

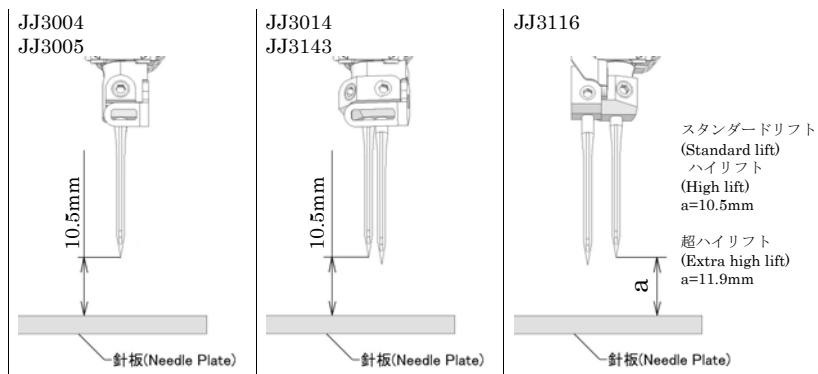
Install the frame support plate underneath the table. Fit the rubber cushions onto the frame support plate. Mount the machine head on the rubber cushions correctly.



【5】 NEEDLE BAR HEIGHT ADJUSTMENT

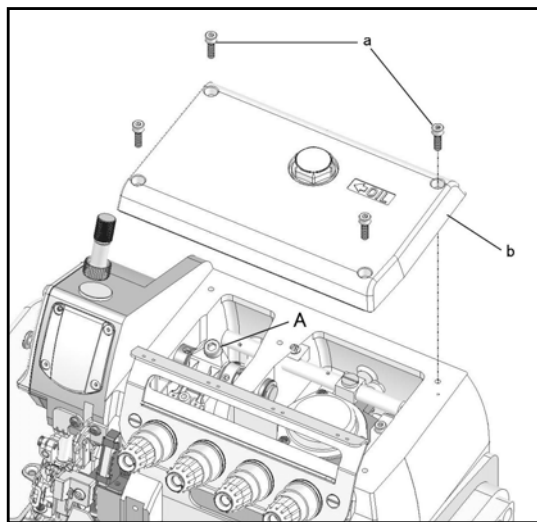
5-1 Initial needle bar height

Initial needle bar height is set by the height between the needle plate and the tip of the center needle when the needle bar is at its highest position of travel. Refer to the illustration below.



5-2 Needle bar height adjustment

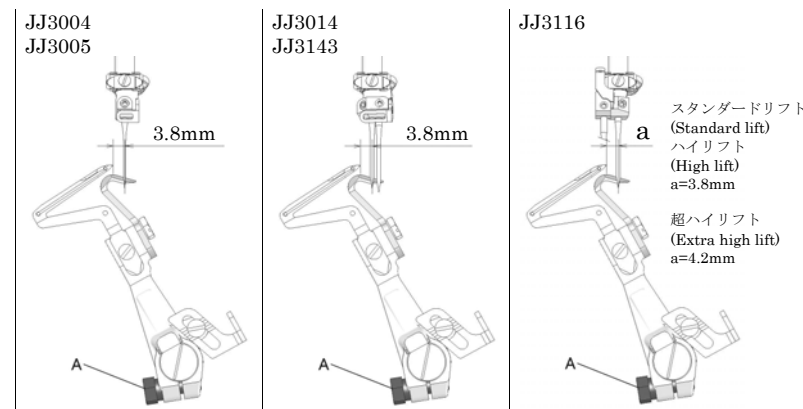
To make this adjustment, loosen screw “a” and take out top cover “b”. Loosen screw A and move needle bar up or down as required.



【6】 LOOPER AND NEEDLE TIMING

6-1 Distance between lower looper and needle

The distance is relation between the looper and the needle when the lower looper is at the extreme left of its travel. Distance varies according to models. Refer to the illustrations below. Before adjustment, loosen the screw A

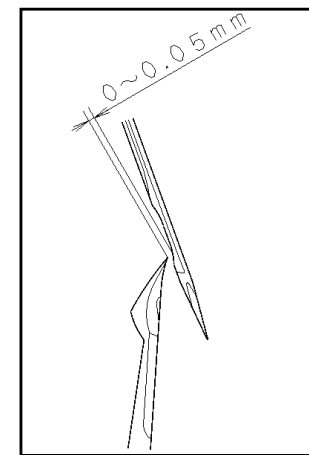
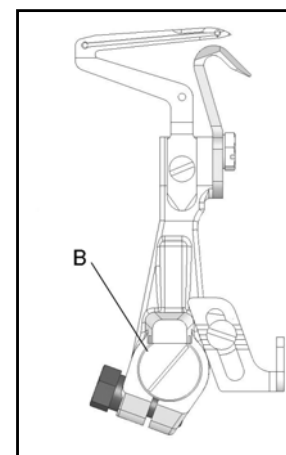


6-2 Clearance between the point of the lower looper and the center of the needle

Bring the point of the lower looper to the center of the needle to have them allow clearance of 0~0.05mm. To make this adjustment, loosen screw A in the above illustration and move looper holder front or back as required by turning front-to-back adjusting screw B

< Note >

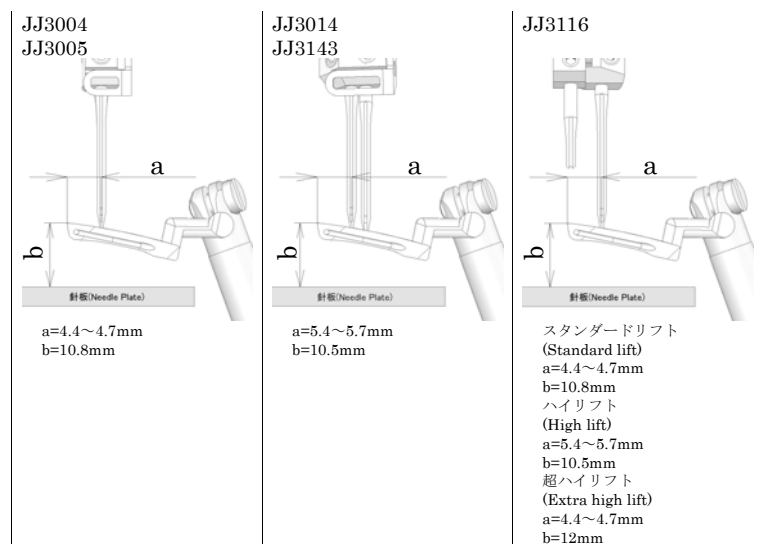
Care should be taken not to disturb the distance between the lower looper and the needle when the lower looper holder is moving.



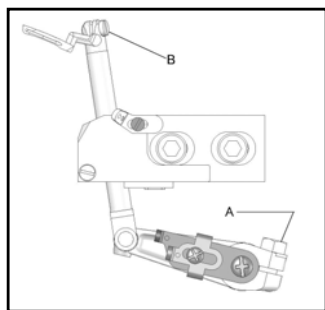
【7】 UPPER LOOPER ADJUSTMENT

7-1 Gauge of upper looper and needle

The gauge of the upper looper and the needle is the distance between the point of the looper and the center needle when the upper looper is at the extreme left of its travel. Gauge varies according to models. Refer to the illustrations below.



The gauge adjustment is made by loosening the clamp screw A and looper setting is made by loosening the clamp screw B.

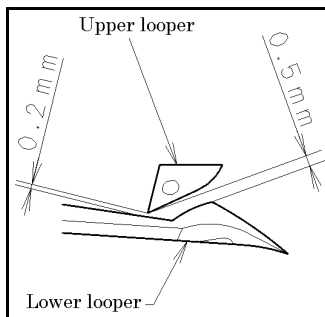


7-2 looper relation (upper to lower)

When upper looper crosses lower looper, certain amount of clearance is needed. Refer to the illustration on the right. To make this adjustment, loosen clamp screw B.

< Note >

Care should be taken not to disturb the upper looper setting when rotating upper looper.



JJ series

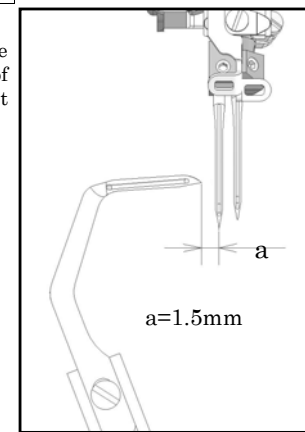
【8】 DOUBLE CHAIN LOOPER ADJUSTMENT

8-1 Double chain looper gauge

Double chain looper gauge is the distance between the point of the double chain looper and the center needle of double chain stitch when the looper is at its farthest position to the left. Looper gauge is 1.5mm. Adjustment is made by the clamp screw A.

< Note >

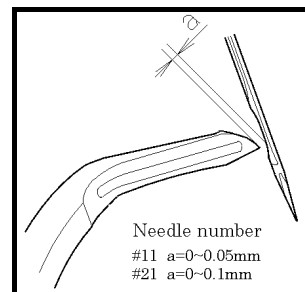
Looper gauge "a" for JJ3116(G)E-03X is 1.7mm



8-2 Clearance between Double chain looper and needle

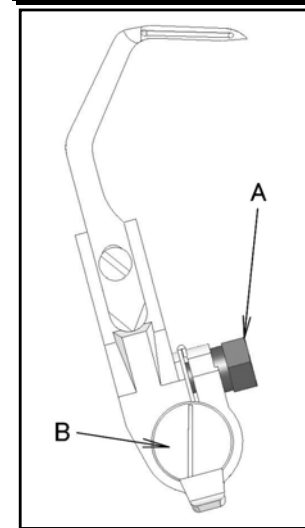
Bring the point of the double chain looper to the center of the double chain needle to have them allow certain amount of clearance. Different needle number requires different clearance so give clearance accordingly.

To make this adjustment, loosen screw A and move looper holder front or back as required by turning front-to-back adjustment screw B.



< Note >

Care should be taken not to disturb the double chain looper gauge when adjusting double chain looper.



JJ series

【9】 FEED DOG & STITCH LENGTH ADJUSTMENT

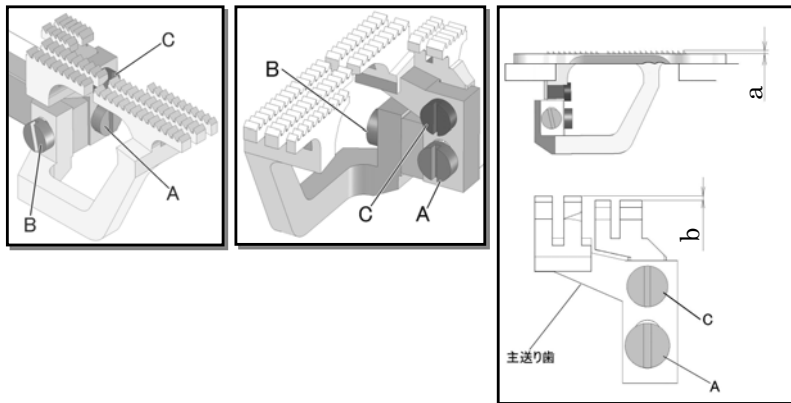
-1 Feed dog height adjustment

When the feed dogs are at the highest point of travel, 2 or 3 teeth from the back of the main feed dog have to rise 0.8~1.0mm(a) above the needle plate.

The height of the differential feed dog is as same as that of the main feed dog.

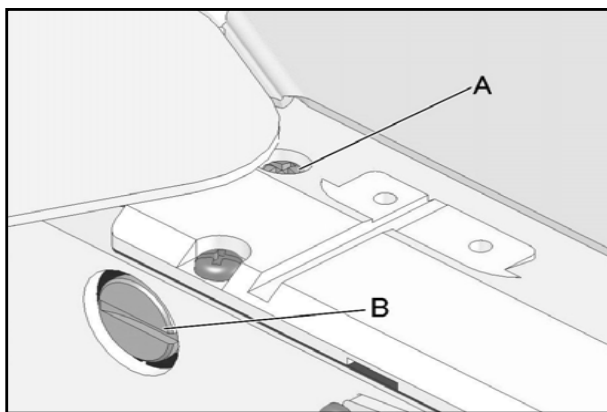
The support feed dog should be set to rise 0.4mm(b) lower than the main feed dog should.

Adjustment is made by loosening clamp screws A, B, C.



9-2 Feed dog inclination adjustment

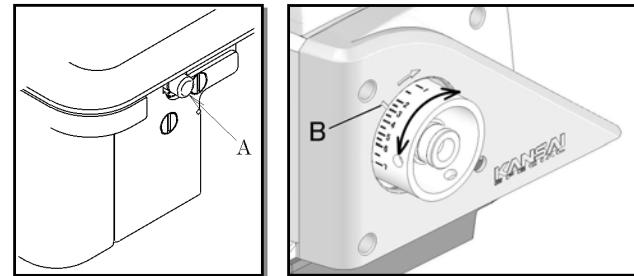
Uncover the cloth plate and loosen the screw A and then put a screw driver into the washer B and push it either upward or downward. Rotating the washer B clockwise brings the front of the feed dog down and vice versa.



9-3 Stitch length adjustment

1. Press the push-button A softly with your left hand on the front of the machine.
2. Rotate the pulley with your right hand while pressing the button A softly, the push-button A will stop at the notch inside making a click sound.
3. At that time, press the push-button A hard once again with rotating the pulley and set the stitch length referring to the starting mark B.

■ For longer stitch, rotate the pulley clockwise and the other way around.



< Note >

Check if the motor stops completely before you change the stitch length.

9-4 Differential feed dog adjustment

■ Stretching ratio (for gathering)

Loosen the clamp nut A and adjust with lever B then tighten the clamp nut A at desired spot.

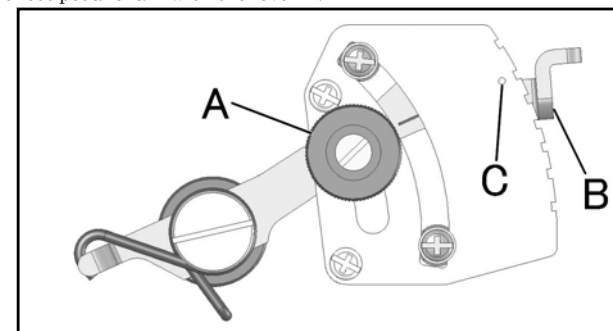
Bring the lever B at spot C makes the ratio of the main feed dog and the differential feed dog 1 to 1.

Bring it at lower than spot C makes a stretching ratio.

■ Gathering ratio (for stretching)

Bring the lever B at higher than spot C makes a gathering ratio.

■ When requested to adjust the differential feed mechanism on and off while the machine is running, connect the foot pedal chain with the lever B.



< Note >

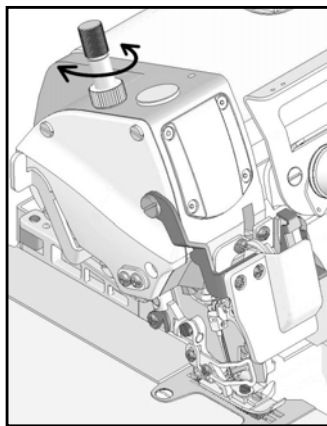
When applying a stretching ratio, be sure that the differential feed dog is in the right position.

【10】 PRESSER FOOT ADJUSTMENT

10-1 Presser foot pressure adjustment

Maintain the presser foot pressure as light as possible on the condition that the machine feeds the fabric well and produces stable stitch.

Turn the knob clockwise to increase pressure of the presser foot. (Refer to the illustration on the right.)



10-2 Position and maximum lift height

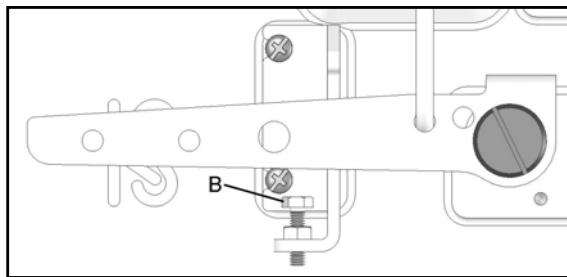
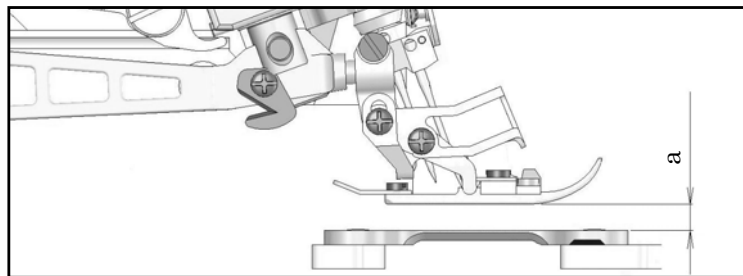
Set the presser foot onto the presser bar properly so that the needle can drop to the center of the needle hole.

■ Foot lift

The initial height of the foot lift "a" is about 6mm from the surface of the needle plate

In case of tractor foot, it is about 7mm.

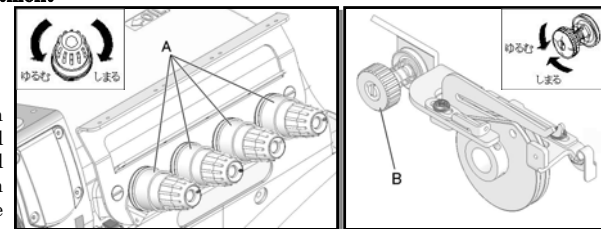
Set the proper height of the foot lift stopper B to hold the presser foot.



【11】 STITCH FORMATION ADJUSTMENT

11-1 Thread tension adjustment

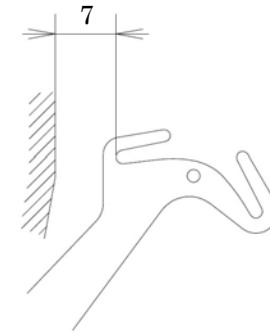

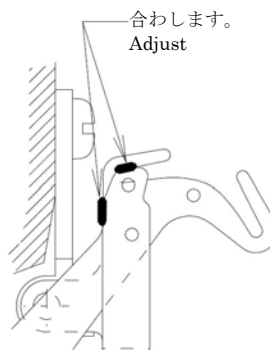
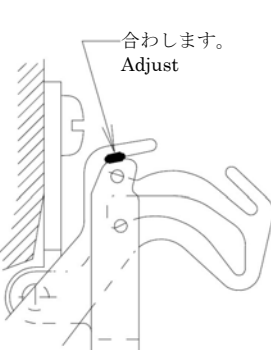
Thread tension varies according to sewing conditions such as kinds of fabrics, threads, sewing width, and stitch length. Adjust thread tension by the thread tension release lever on the top cover and the double chain under thread tension release lever at the left cover. Rotate them clockwise to tighten the threads and vice versa.



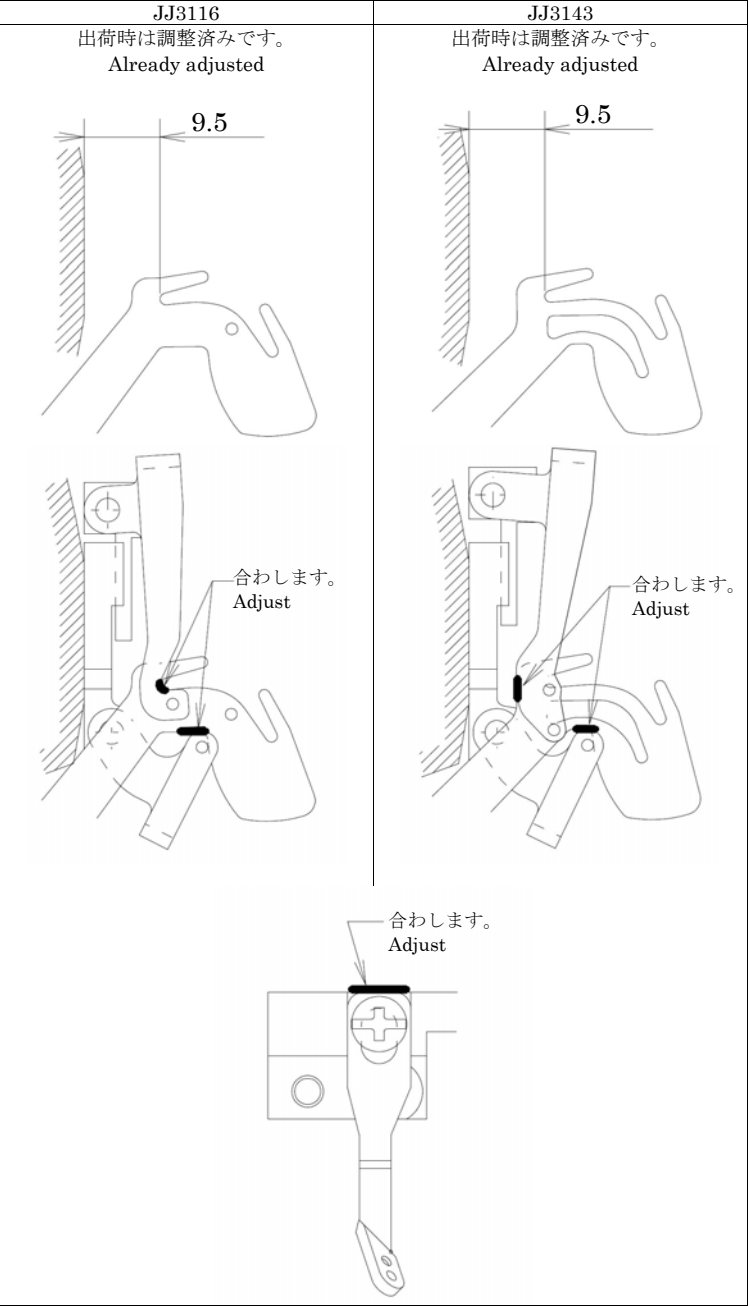
11-2 The needle thread take-up & thread eyelet adjustment

*Adjust place of the thread take-up & thread eyelet by referring to below illustration.

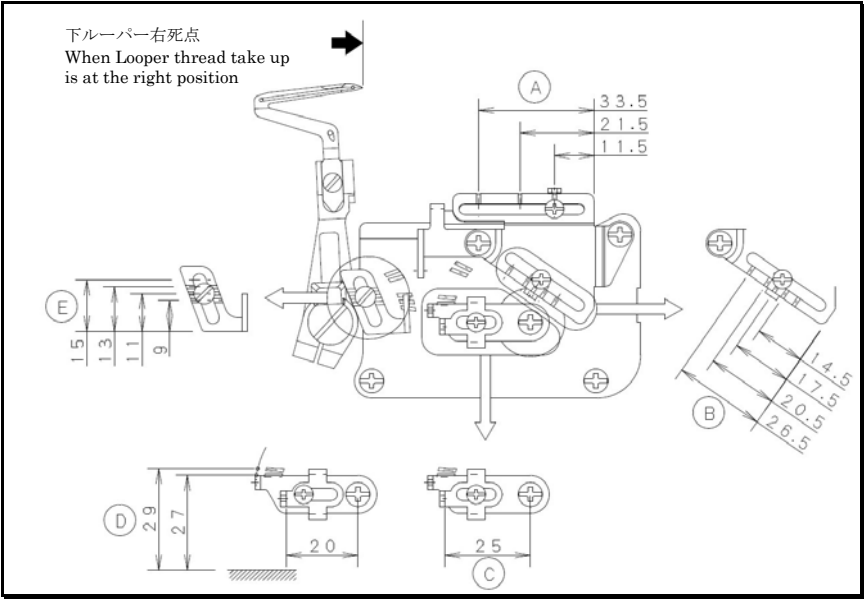
Turn the handwheel until the needle thread take-up is at its farthest position to the front.

JJ3004 JJ3005	JJ3014
出荷時は調整済みです。 Already adjusted	出荷時は調整済みです。 Already adjusted
	
合わします。 Adjust	合わします。 Adjust
	

Turn the handwheel until the needle thread take-up is at its farthest position to the front.



11-3 Looper thread take up adjustment



	JJ3004(G)S-01M JJ3004(G)S-20F JJ3005(G)S-10M JJ3004(G)S-50M	JJ3014(G)H-01M JJ3014(G)H-40M JJ3014(G)H-50M	JJ3116(G)S-01M JJ3116(G)S-02M JJ3116(G)S-01H JJ3116(G)S-30M JJ3116(G)H-01H	JJ3116(G)E-03X	JJ3143(G)H-90M
A	11.5	21.5	21.5	21.5	21.5
B	17.5	14.5	17.5	17.5	14.5
C	20	20	20	20	25
D	29	29	29	29	29
E	11	13	15	13	11

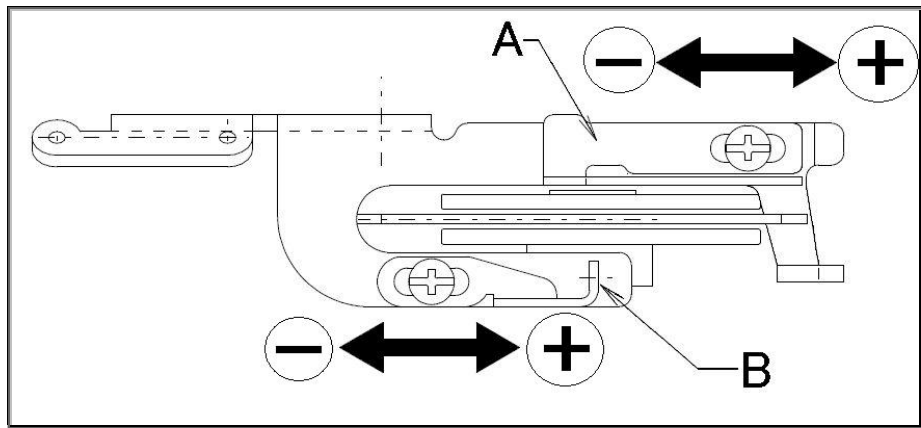
11-4 Double chain looper thread take-up

The amount of double chain looper thread, adjust by thread eyelet A and B.

Adjustment

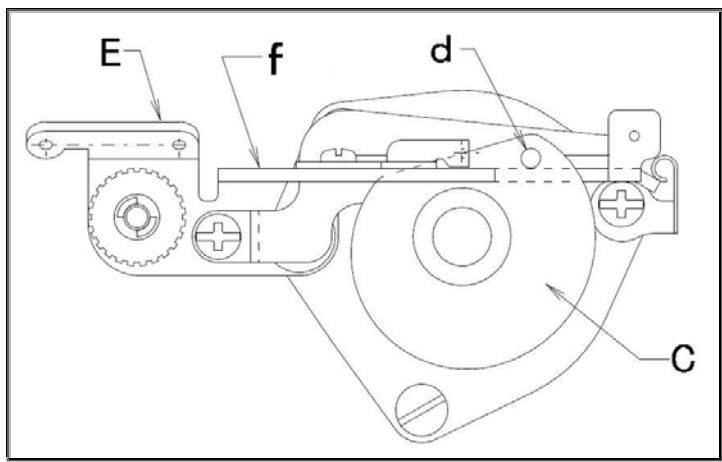
To increase the amount, move in the direction of (+).

To decrease the amount, move in the direction of (-).



Timing of the double chain looper thread take-up cam

When the needle is highest position, align hole of the take-up cam d's lower end and line "f" of the bracket E.



【12】 UPPER&LOWER KNIFE ADJUSTMENT

12-1 Upper and lower knife

■ Upper knife height

There should be 0.5~1.0mm of clearance between the surface of the needle plate and the edge of the upper knife C by loosening the screw B when the upper knife folder is all the way down.

■ Lower knife height

There should be 0mm of clearance between the surface of the needle plate and the edge of the lower knife E by loosening the screw D

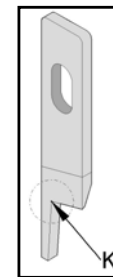
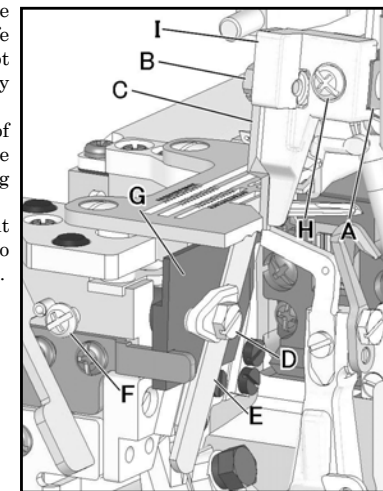
■ Sewing width adjustment

1. Loose the screw F while pressing the lower knife folder G to keep its position.

2. After loosening the screw H, adjust the sewing width by moving the upper knife folder to the desired position. Do not forget to re-tighten the screw H securely after adjustment is made.

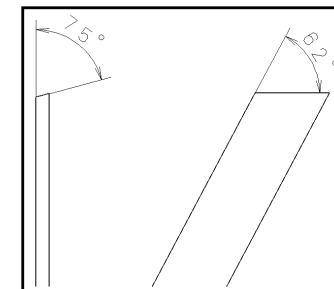
3. Bring the lower knife E to the bottom of its stroke and loosen the screw F while pressing the lower knife holder G allowing it to move to the right slowly.

Keep the lower knife E sliding to the right until it touches the upper knife C with no deflection. Tighten the screw F securely.



12-2 Lower knife sharpening

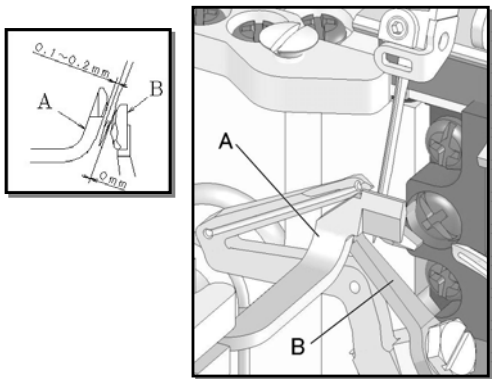
The upper knife is made of super hard compound metals. When the knife gets blunt and cannot cut clean, it needs to be sharpened like the illustration on the right. When sharpening doesn't work anymore, replace the knife with a genuine Kansai Special's upper knife.



【13】 NEEDLE GUARD ADJUSTMENT

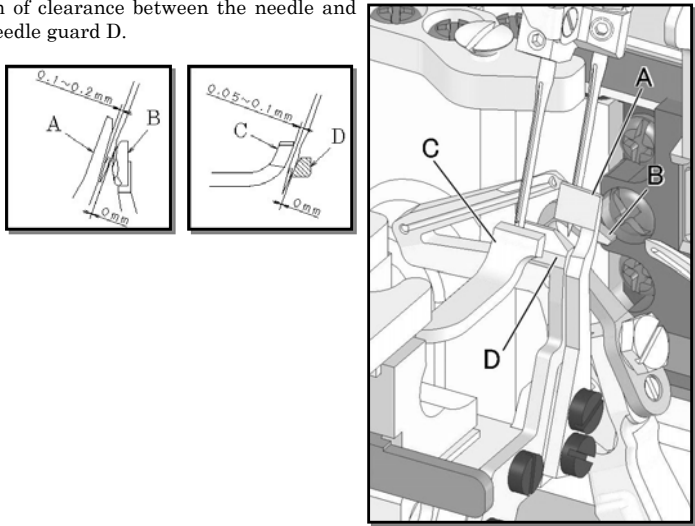
■ Overlock

Obtain 0.1~0.2mm of clearance between the needle and the needle guard A when the needle is at the bottom of its stroke. At the same time, obtain 0mm of clearance between the needle and the needle guard B when the lower looper reaches the center of the needle.



■ Interlock

Obtain 0.1~0.2mm of clearance between the needle and the needle guard A when the needle is at the bottom of its stroke. At the same time, obtain 0mm of clearance between the needle and the needle guard B when the lower looper reaches the center of the needle. With respect to the double chain stitch needle, maintain 0.05~0.1mm of clearance between the needle and the front needle guard C when the needle is at the bottom of its stroke, and allow 0mm of clearance between the needle and the rear needle guard D.



【14】 SPECIFICATION

< JJ30 >

型 式 MODEL					
JJ3004(G)S-01M	10.5	3.8	4.4~4.7	0.8	5
JJ3004(G)S-20F					
JJ3004(G)S-50M					
JJ3005(G)S-10M			5.4~5.7		5.5
JJ3014(G)H-01M					
JJ3014(G)H-40M					
JJ3014(G)H-50M					

< JJ31 >

型 式 MODEL						
JJ3116(G)S-01M	10.5	3.8	4.4~4.7	0.8	5	1.5
JJ3116(G)S-02M						
JJ3116(G)S-01H					5.5	1.7
JJ3116(G)S-30M(P)						
JJ3116(G)H-01H						
JJ3116(G)E-03X	11.9	4.2		1.1	7	1.7
JJ3143(G)H-90M	10.5	3.8	5.4~5.7	0.8	5.5	1.5

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