



JINTEX

Sewing Machine Spare Parts

Kansai Special JJ-3300

Sewing Machine Part Book

56 pages

PARTS LIST & INSTRUCTION

JJ ***SERIES***

Industrial Sewing Machines

JJ30
JJ31

2019 年 11 月 第五版 発行

Fifth edition : November 2019

No.KX19011

KANSAI
SPECIAL®

■このパーツブックは、2019年11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。

■This parts book is based on data current November 2019.

■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。

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

■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。

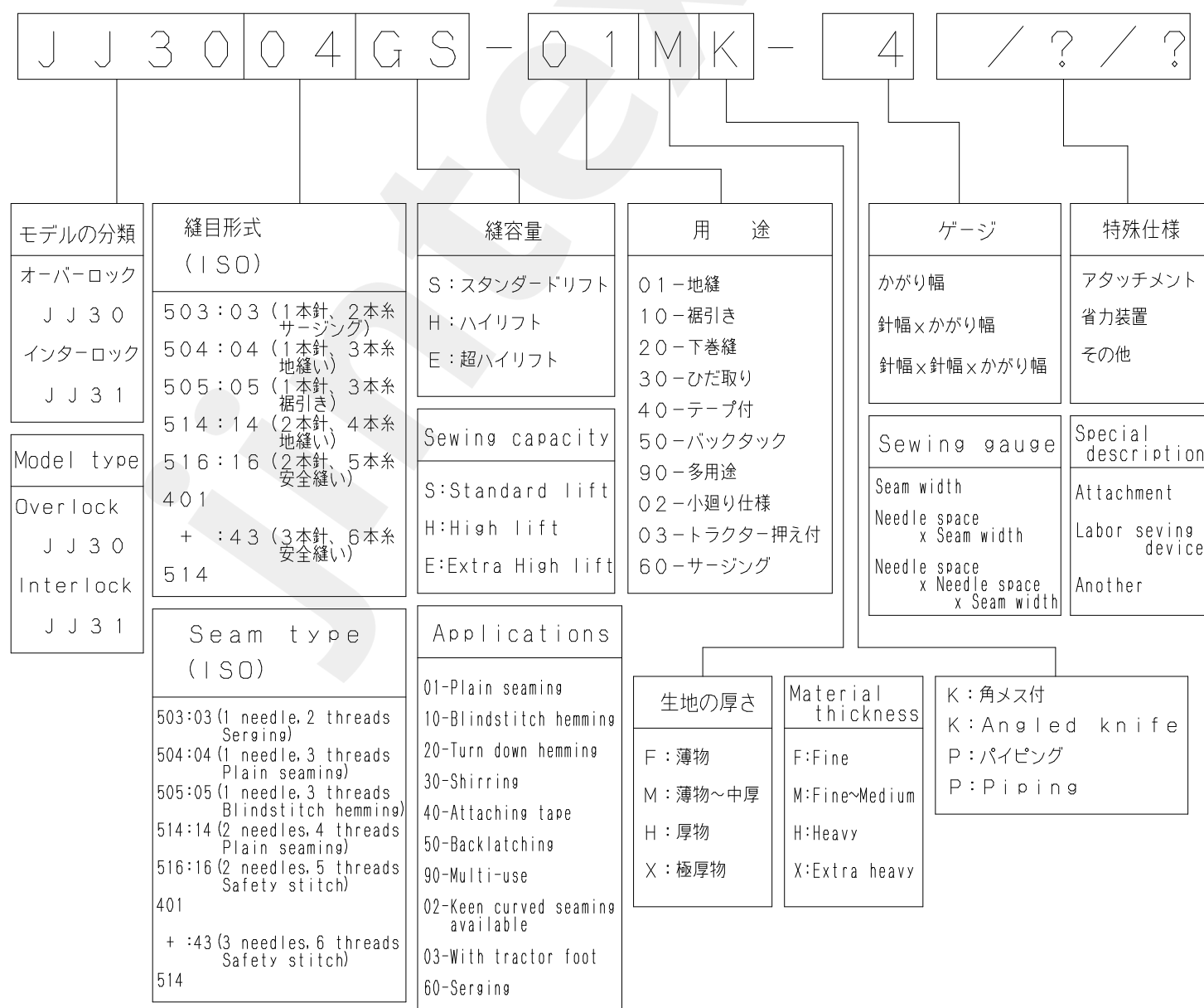
■A parts number index is attached to the back of this book for convenience.

■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。

■Parts are subject to change without notice.

JJシリーズ 表示方法

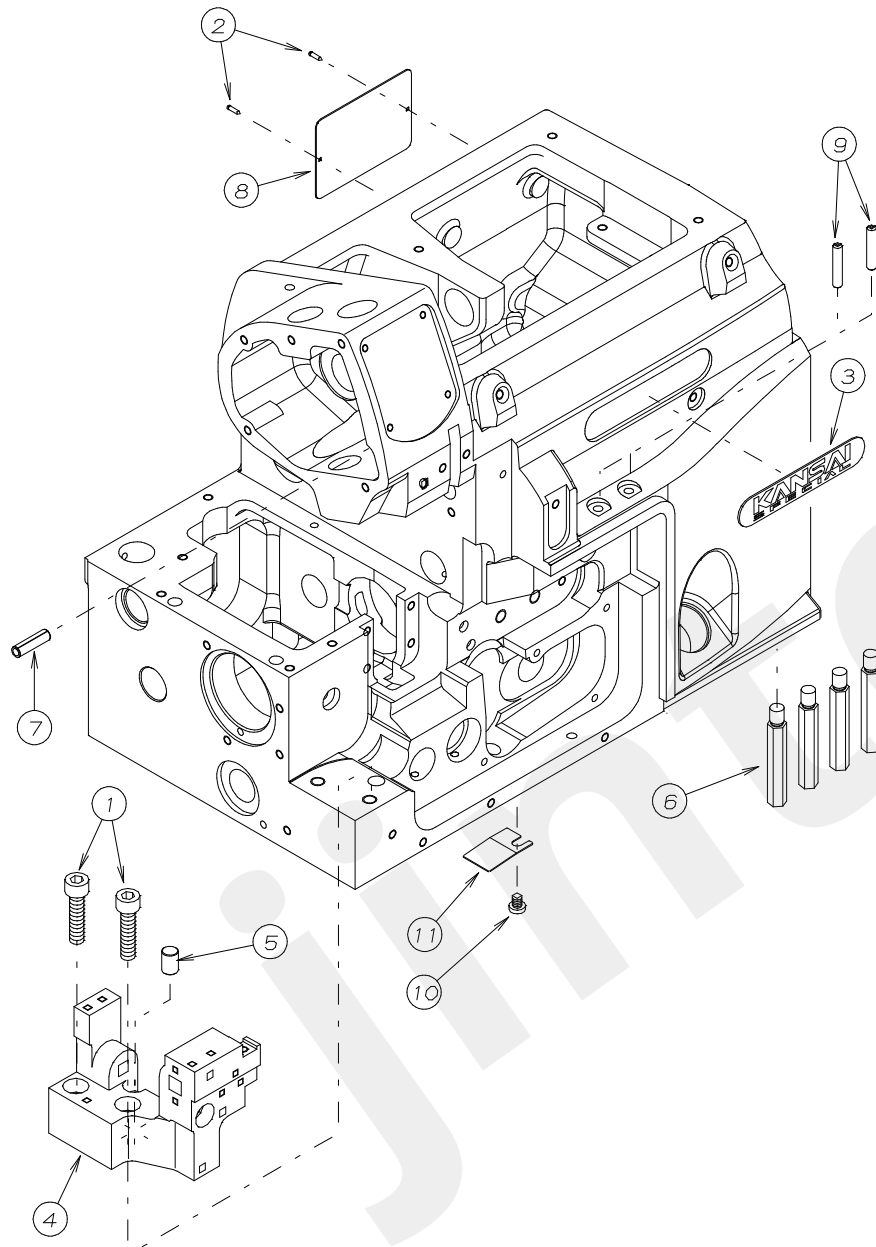
JJ SERIES INFORMATION



目次 CONTENTS

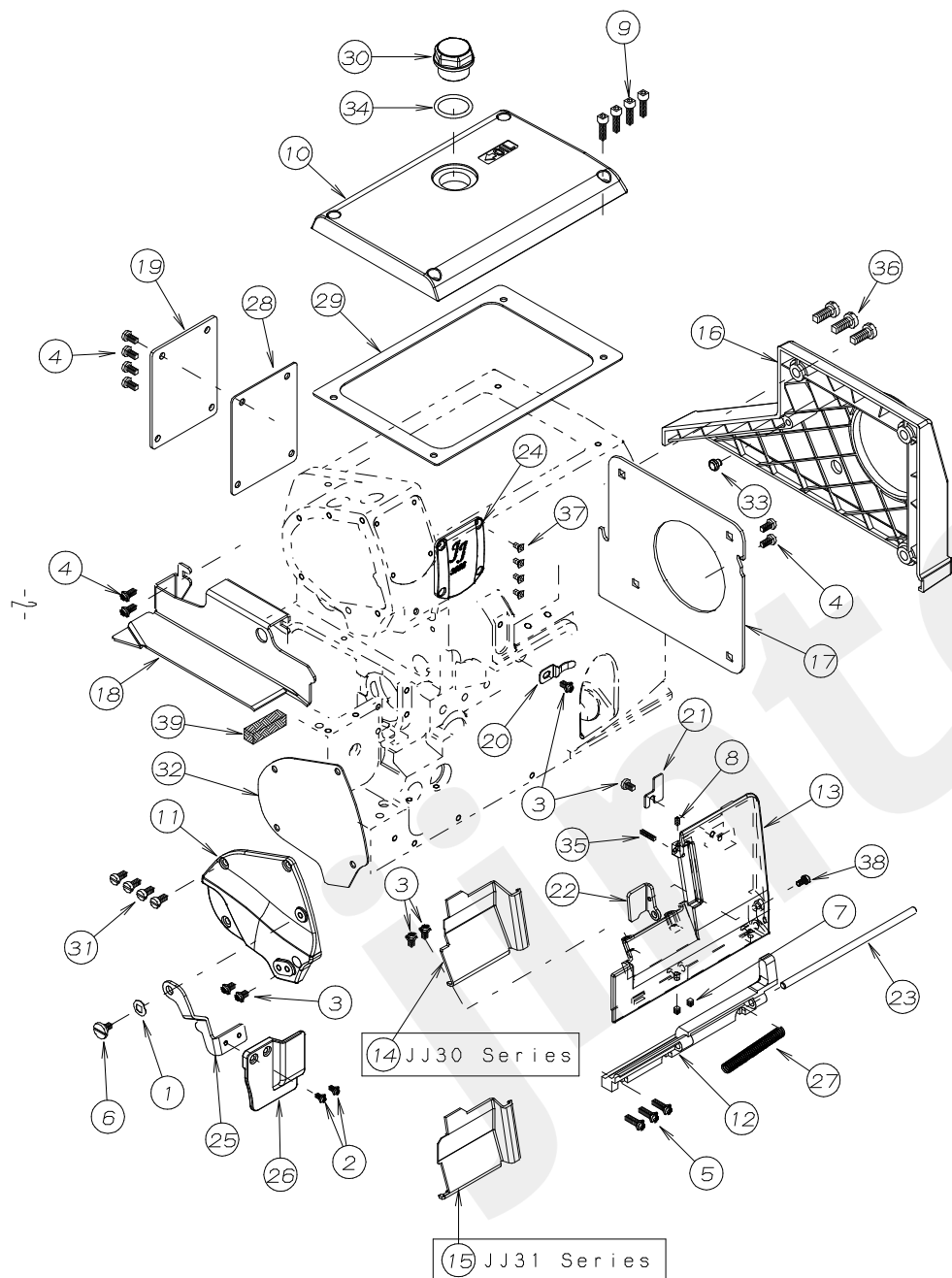
1. フレーム関係	FRAME ASSEMBLY	1
2. カバー関係 (1)	COVER ASSEMBLY (1)	2
3. カバー関係 (2)	COVER ASSEMBLY (2)	3
4. ブッシュ機構	BUSHING	4
5. 下軸機構	CRANKSHAFT MECHANISM	5
6. 針棒機構	NEEDLE BAR MECHANISM	6
7. 上ルーパー機構	UPPER LOOPER MECHANISM	7
8. 下ルーパー機構	LOWER LOOPER MECHANISM	8
9. 送り機構 (1)	FEED MECHANISM (1)	9
10. 送り機構 (2)	FEED MECHANISM (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. 二重環ルーパー機構 (1)	CHAINSTITCH LOOPER MECHANISM (1)	17
18. 二重環ルーパー機構 (2)	CHAINSTITCH LOOPER MECHANISM (2)	18
19. 針冷却装置	NEEDLE COOLER DEVICE	19
20. 糸立台	THREAD STAND	20
21. 当定規	EDGE GUIDE	21
22. アクセサリー	ACCESSORIES	22
23. 専用部品 (1)	SPECIFIC PARTS (1) JJ3014GH-40M	23
24. 専用部品 (2)	SPECIFIC PARTS (2) JJ3116GS-02M JJ3014GH, JJ3143GH, JJ3116GE	24
25. 専用部品 (3)	SPECIFIC PARTS (3) JJ3005GS-10M	25
26. 専用部品 (4)	SPECIFIC PARTS (4) JJ3116GS-30M	26
27. 専用部品 (5)	SPECIFIC PARTS (5) JJ30□□G□-50M	27
28. 専用部品 (6)	SPECIFIC PARTS (6) JJ3014GE-60HK	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



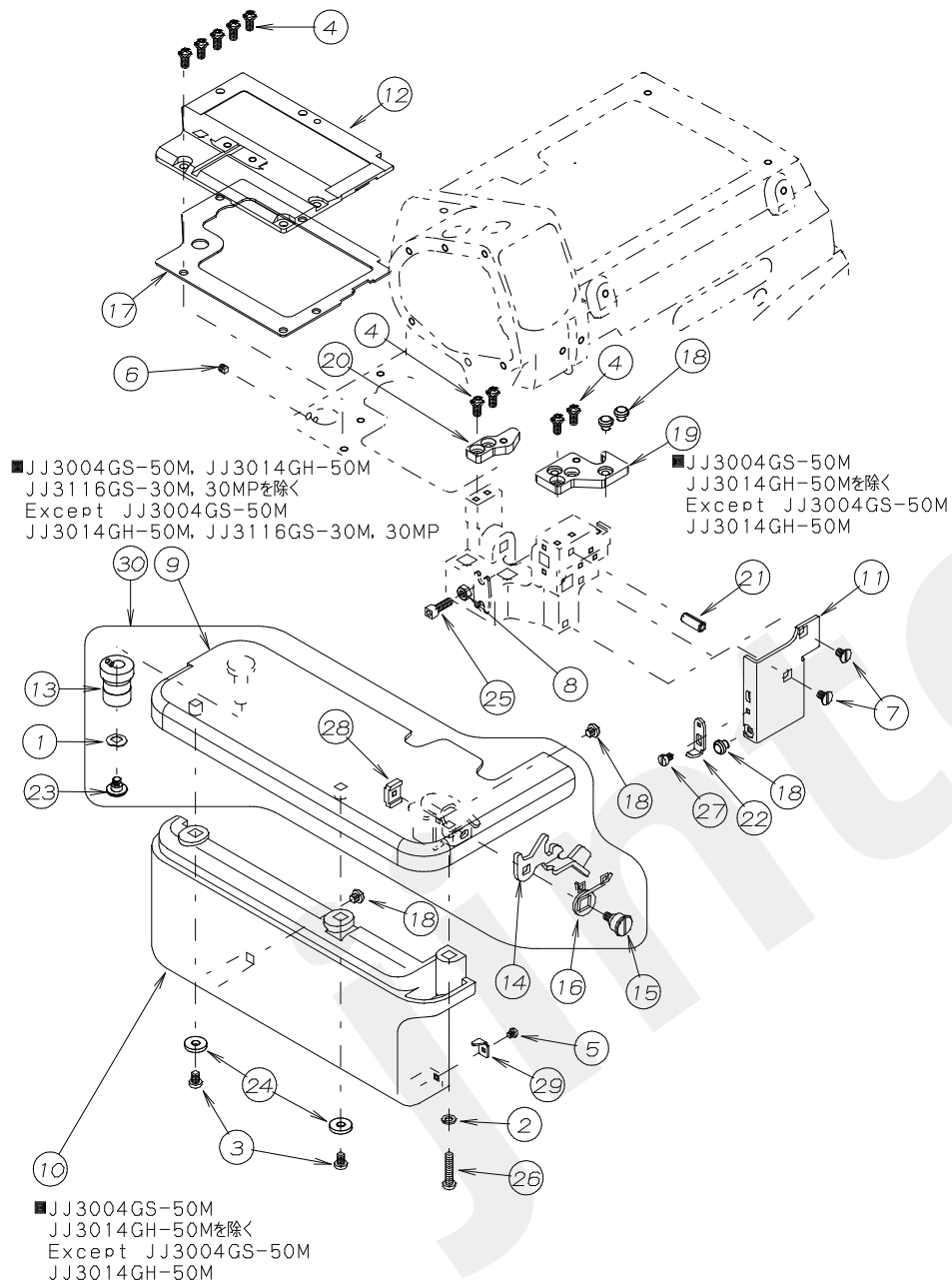
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
01-01	54-142	六角穴付きボルト	BOLT	2
01-02	54-172	ピン	PIN	2
01-03	54-191	銘板シール	BRAND NAME PLATE	1
01-04	54-312	メス土台	BRACKET	1
01-05	54-466	平行ピン	PIN	1
01-06	54-468	支柱ネジ	PIN	4
01-07	54-469	スプリングピン	SPRING PIN	1
01-08	54-675	機番	PLATE	1
01-09	56-377	糸案内パイプ	PIPE	2
01-10	54-111	プラマイナベ小ネジM4 x 5 L	SCREW	1
01-11	56-811	底面カバー	COVER	1

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M3×5L	SCREW M3×5L	2
02-03	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	6
02-04	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	8
02-05	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	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	オイルポッド	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

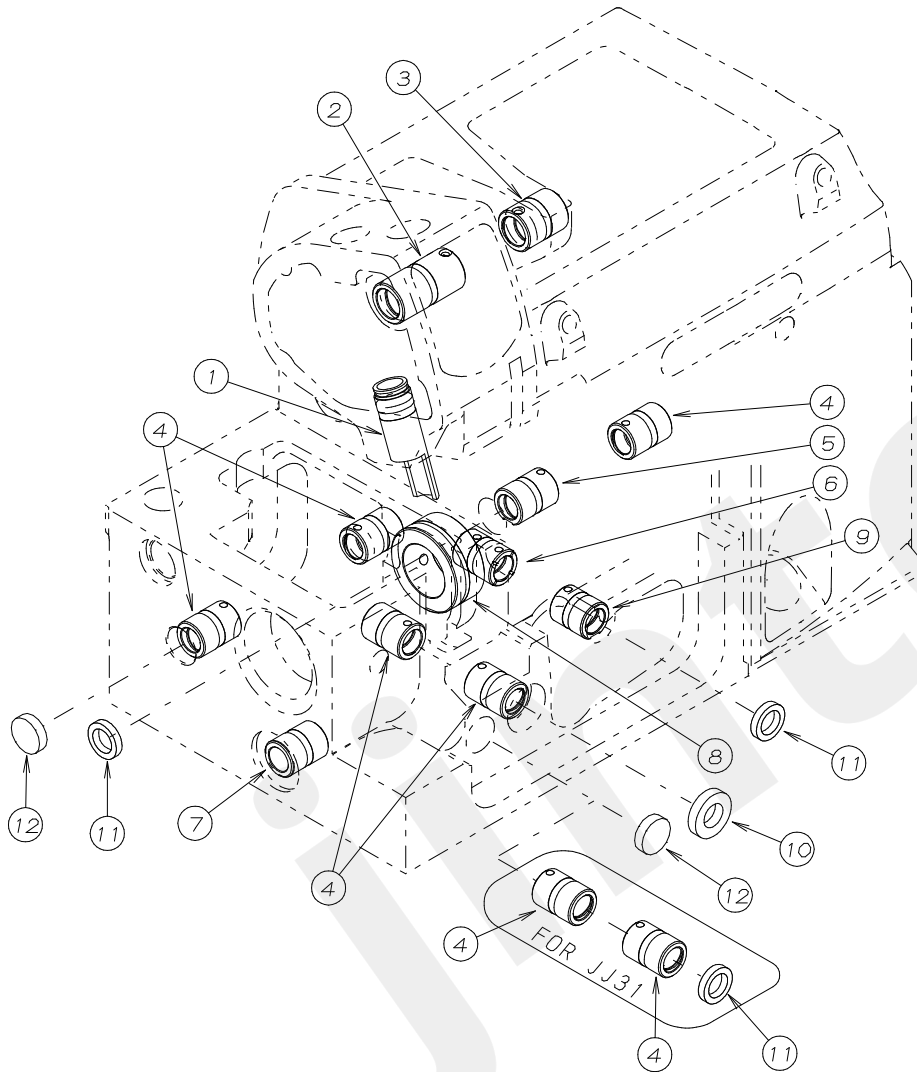
3. カバー関係 (2) COVER ASSEMBLY (2)



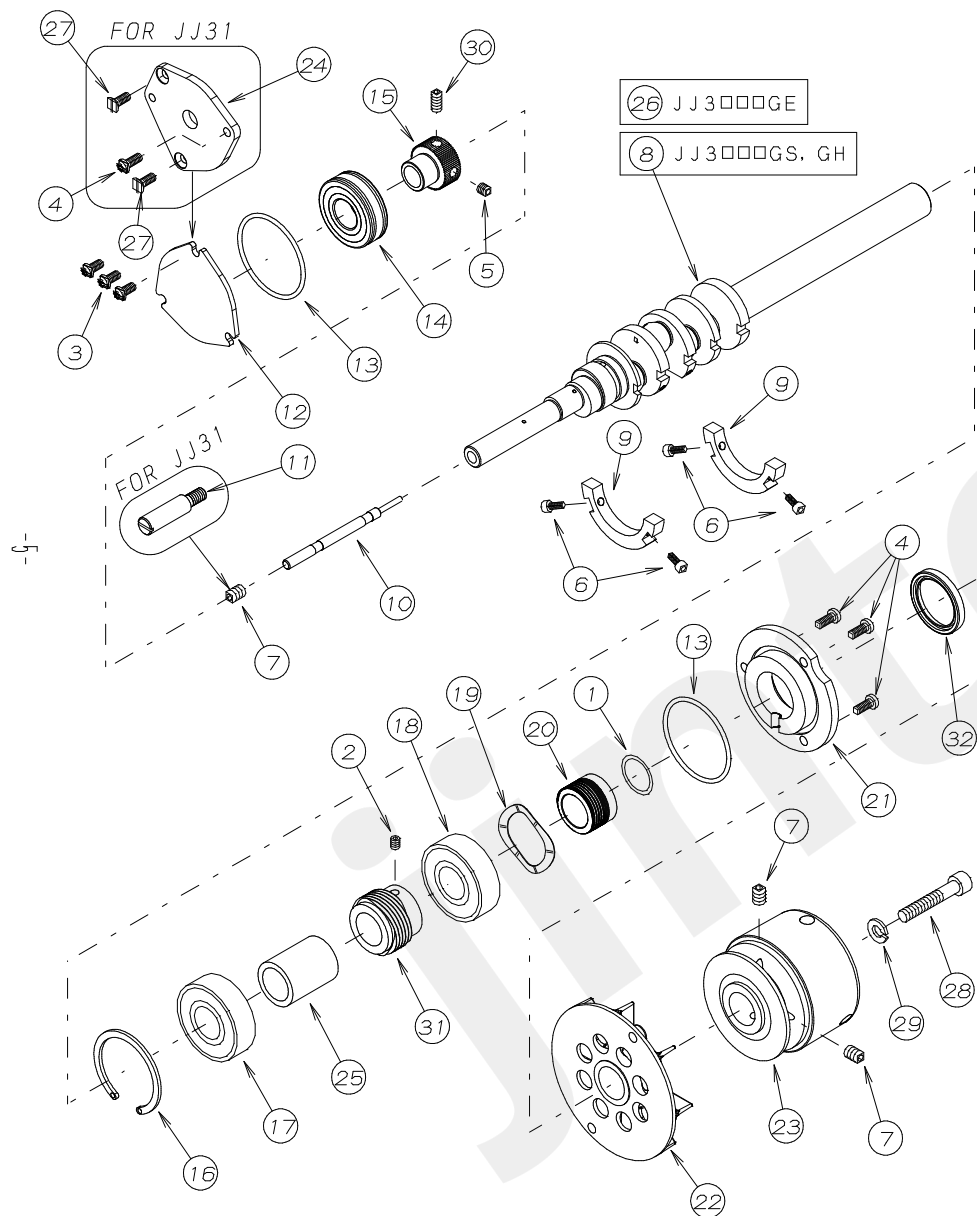
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
03-01	54-026	波座金	WASHER	1
03-02	54-073	バネ座金 4	SPRING WASHER	1
03-03	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	2
03-04	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	9
03-05	54-117	平小ネジ M3×3L	SCREW M3×3L	1
03-06	54-133	ネジ	SCREW	1
03-07	54-150	皿ネジ M4	SCREW M4	2
03-08	54-159	六角ナット	NUT	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
03-30	54-3100-2	クロスプレート (幅広) 組	CLOTH PLATE (WIDE) ASSY	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

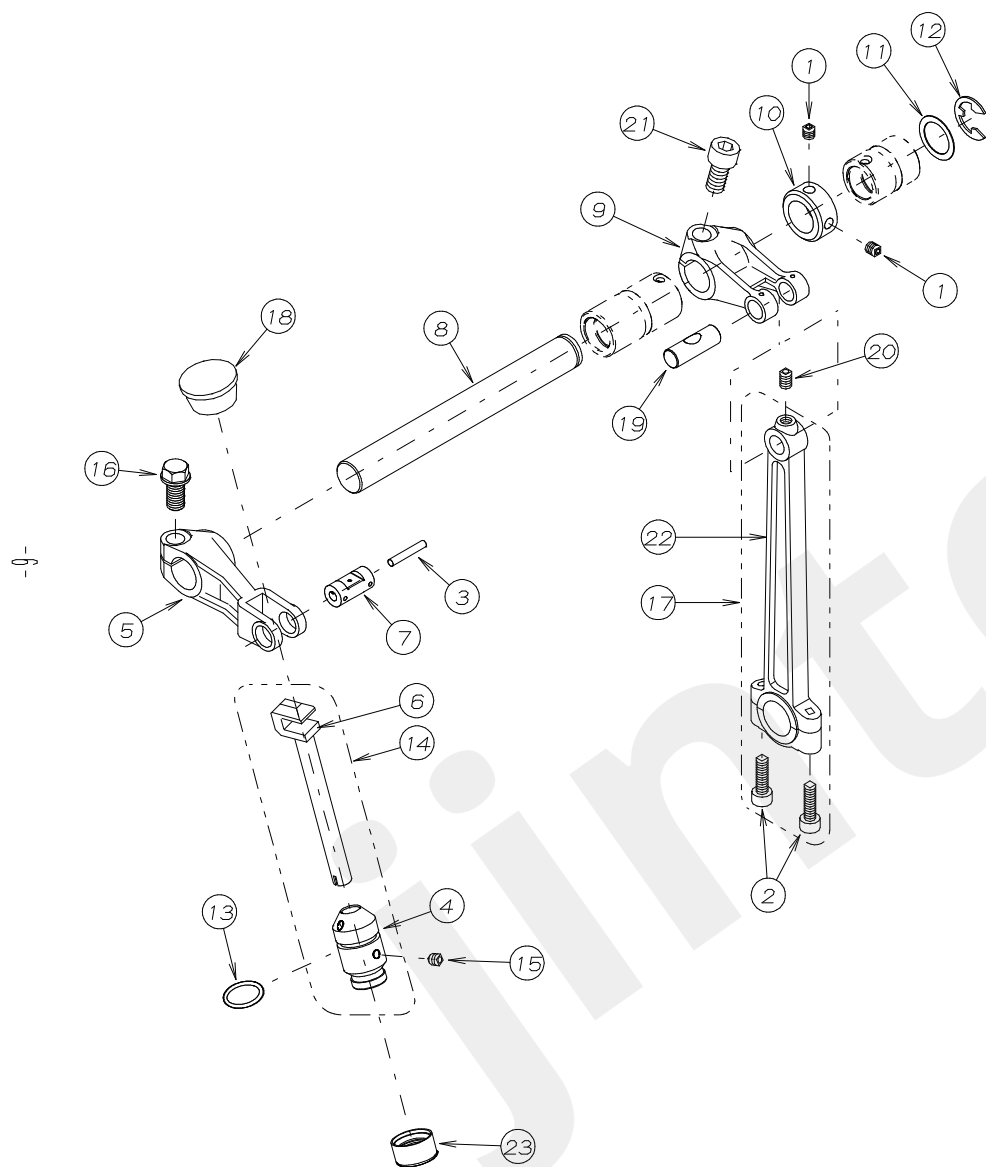


5. 下軸機構 CRANKSHAFT MECHANISM



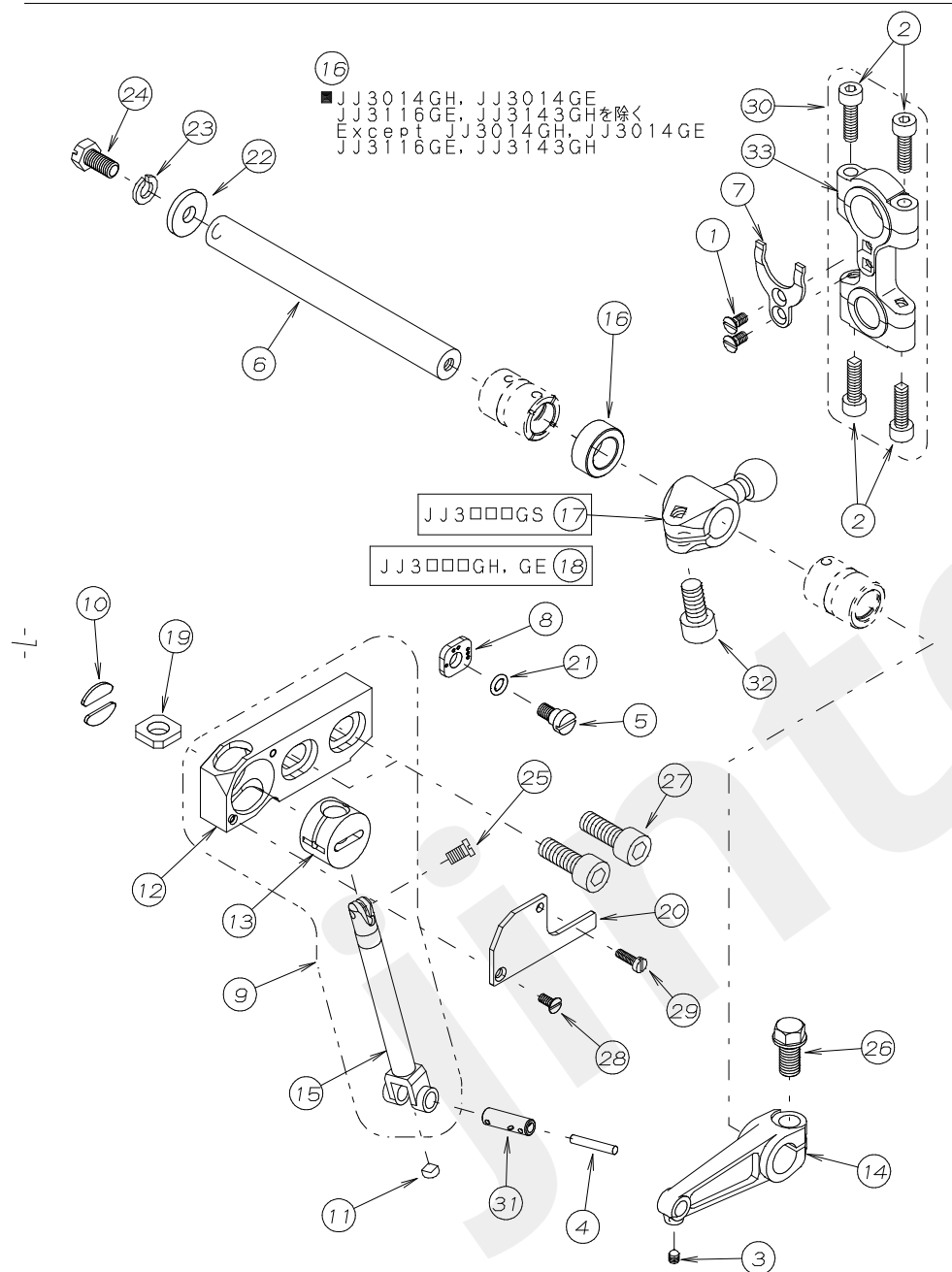
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
05-01	54-031	Oリング 1017	O-RING	1
05-02	54-100	六角穴付止メネジ	SCREW	1
05-03	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	3
05-04	54-114	プラマイナベ小ネジM4×10L	SCREW M4×10L	4
05-05	54-123	六角穴付止メネジM5×5L	SCREW M5×5L	1
05-06	54-136	六角穴付ボルト	SCREW	4
05-07	54-148	六角穴付止メネジ	SCREW	3
05-08	54-513	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	下系カム軸	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	54-954	油切カラー	SEAL COLLAR	1
05-21	54-955	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	バネ圧金	WASHER	1
05-30	54-590	六角穴付止メネジ	SCREW	1
05-31	54-630	ウォーム	WORM	1
05-32	54-956	オイルシール	OIL SEAL	1

6. 針棒機構 NEEDLE BAR MECHANISM



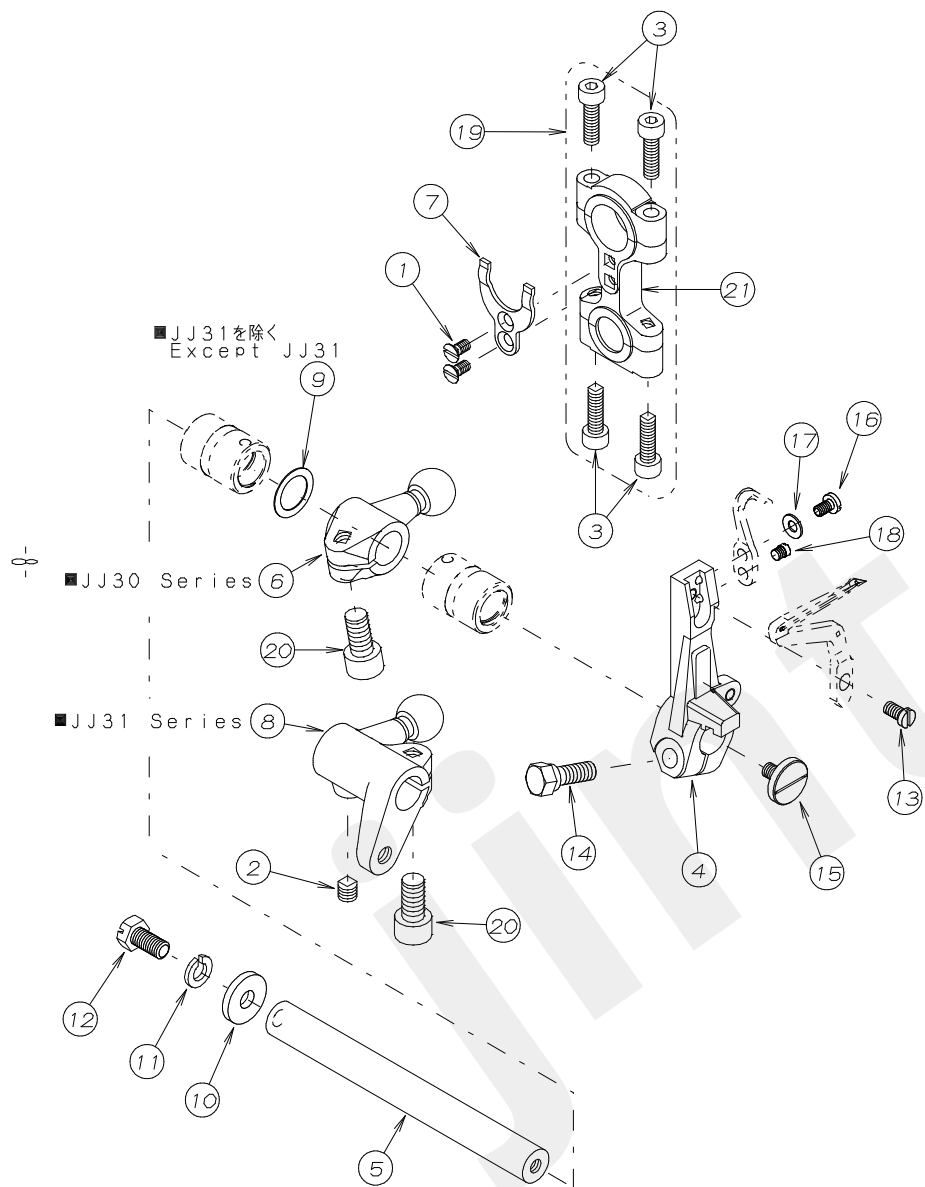
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
06-01	54-133	ネジ	SCREW	2
06-02	54-195	六角穴付きボルト	BOLT	2
06-03	54-193	フェルト	FELT	1
06-04	54-964	針棒ブッシュ	BUSHING	1
06-05	54-345	針棒レバー	NEEDLE DRIVE LEVER	1
06-06	54-346	針棒	NEEDLE BAR	1
06-07	54-347	針棒リンクピン	LINK PIN	1
06-08	54-348	針振り駆動軸	NEEDLE DRIVE SHAFT	1
06-09	54-349	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	54-9650-1	針棒 (組)	NEEDLE BAR ASS'Y	1
06-15	54-484	六角穴付き止メネジ	SCREW	1
06-16	54-489	フランジ付き六角ボルト	BOLT	1
06-17	54-7580-1	針棒クランクロッドセット	ROD ASSY	1
06-18	56-044	ゴム栓	PLUG	1
06-19	56-293	ピン	PIN	1
06-20	56-294	六角穴付止めネジ M4x6L	SCREW M4x6L	1
06-21	56-295	六角穴付ボルト M6x0.75x12L	SCREW M6x0.75x12L	1
06-22	54-757	針棒クランクロッド	NEEDLE BAR ROD	1
06-23	54-966	針棒オイルシール	OIL SEAL	1

7. 上ルーパー機構 UPPER LOOPER MECHANISM



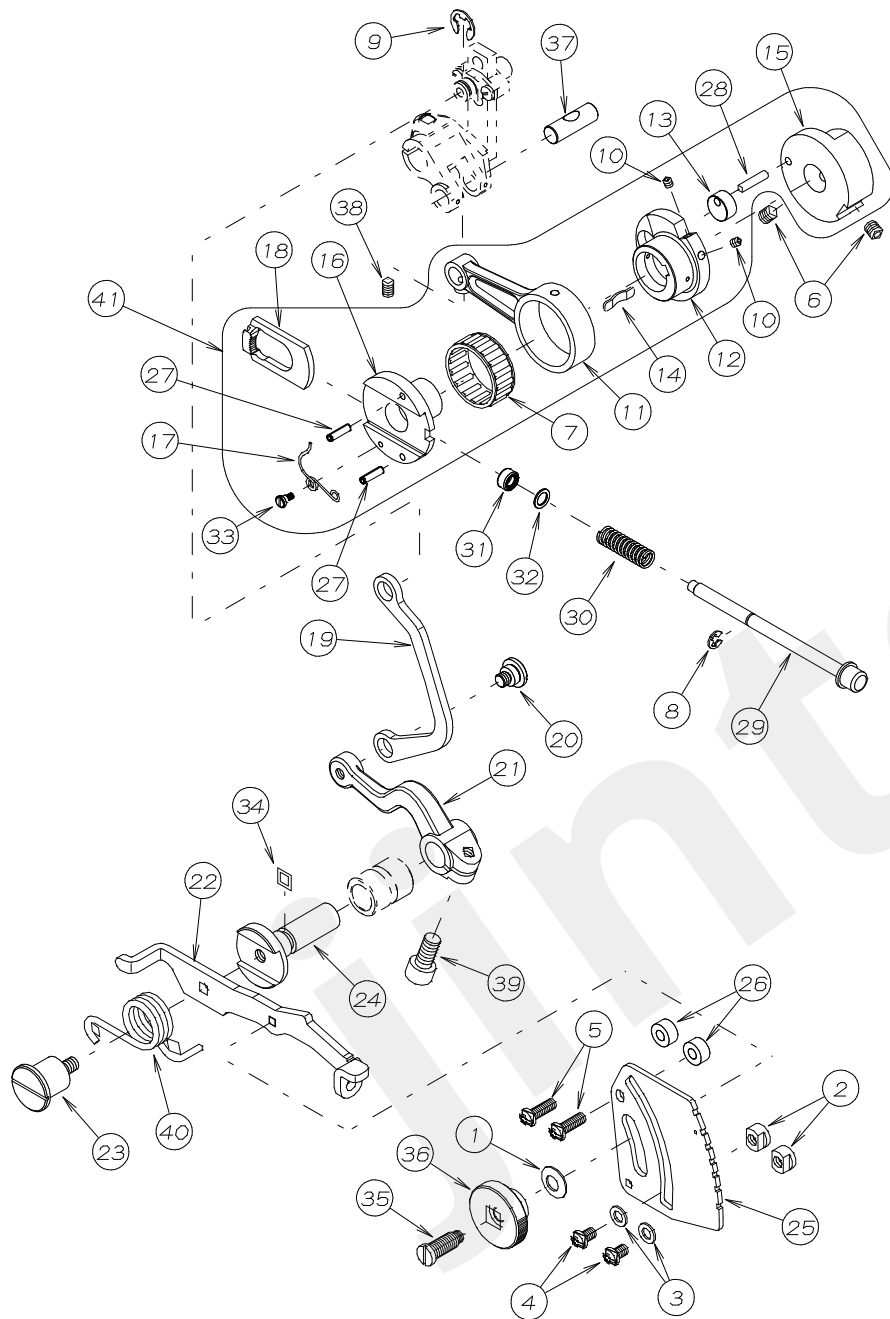
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
07-01	54-119	スリワリ付皿小ネジM3×6L	SCREW M3×6L	2
07-02	54-195	六角穴付きボルト	BOLT	4
07-03	54-147	六角穴付き止めネジ トガリ	SCREW	1
07-04	54-193	フェルト	FELT	1
07-05	54-392	段ネジ	SCREW	1
07-06	54-394	ルーパー軸	SHAFT	1
07-07	54-397	ロッド振れ止め	GUIDE	1
07-08	54-399	ガイドプレート	GUIDE PLATE	1
07-09	54-400-1	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	上ルーパーロッド玉 (S)	CRANK (S)	1
07-18	54-410	上ルーパーロッド玉 (H)	CRANK (H)	1
07-19	54-411	フェルト	FELT	1
07-20	54-929	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	54-396	上下ルーパーロッド	UPPER LOOPER ROD	1

8. 下ルーパー機構 LOWER LOOPER MECHANISM



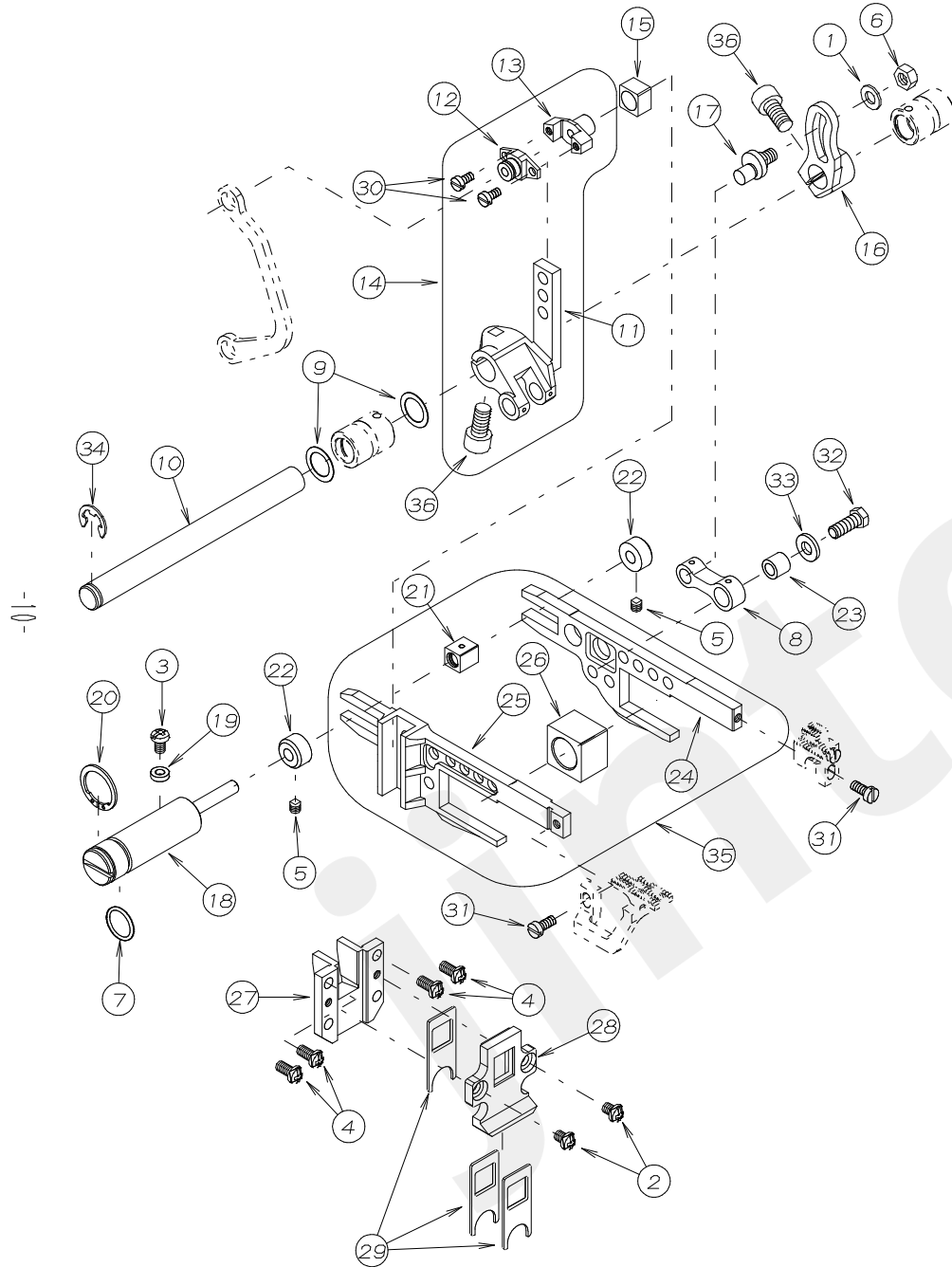
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
08-01	54-119	スリワリ付皿小ネジM3×6L	SCREW M3×6L	2
08-02	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	1
08-03	54-195	六角穴付きボルト	BOLT	4
08-04	54-393	下ルーパー台	LOWER LOOPER HOLDER	1
08-05	54-394	ルーパー軸	SHAFT	1
08-06	54-395	下ルーパーロット玉	CRANK	1
08-07	54-397	ロッド振れ止め	GUIDE	1
08-08	54-421	下ルーパーロット玉	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	56-336	平小ネジ	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
08-21	54-396	上下ルーパーロッド	LOOPER ROD	1

9. 送り機構 (1) FEED MECHANISM (1)



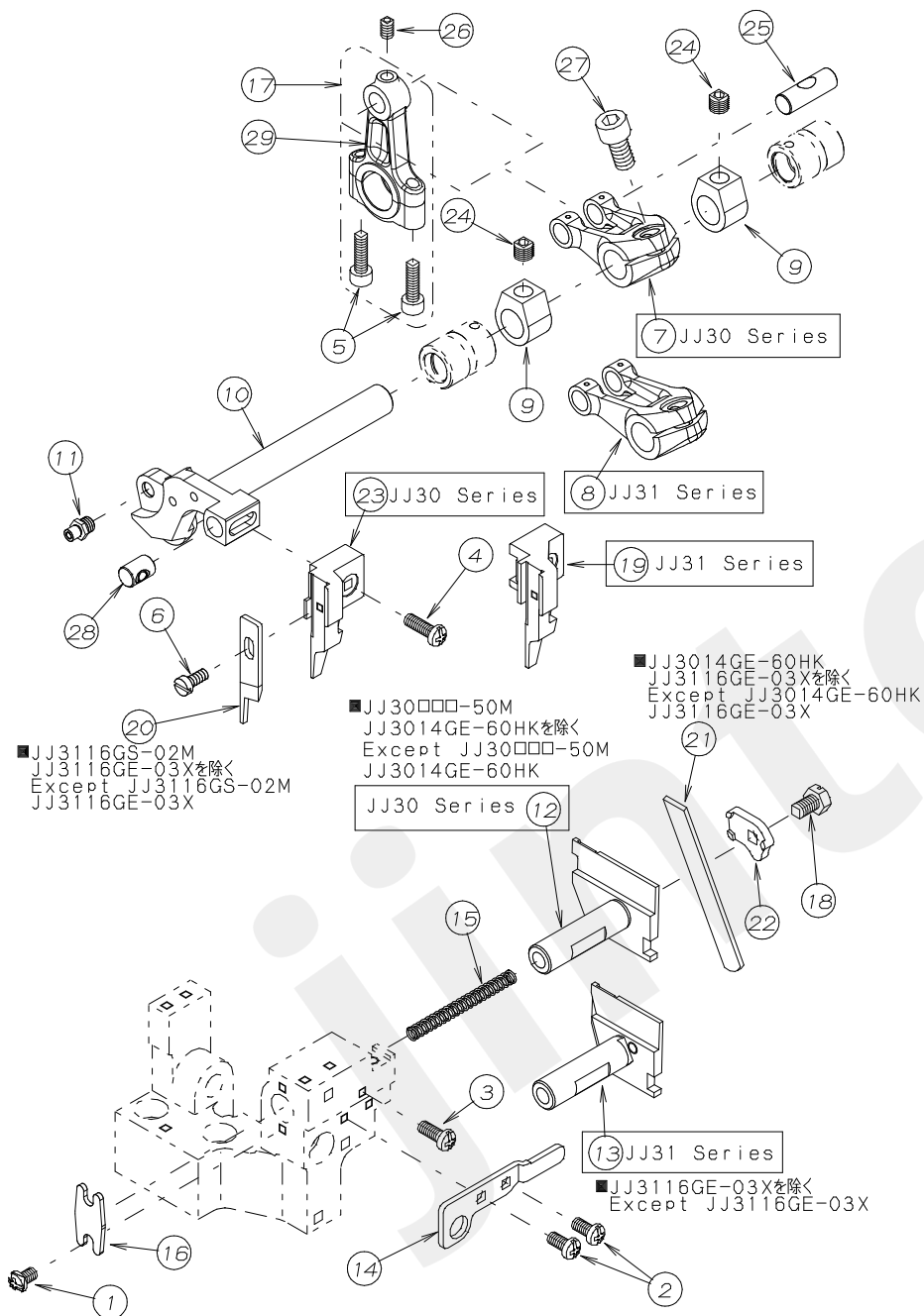
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
09-01	54-060	皿ハネ	SPRING	1
09-02	54-063	ストッパ	STOPPER	2
09-03	54-078	ワッシャ	WASHER	2
09-04	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	2
09-05	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	2
09-06	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	2
09-07	54-165	前メスハ アリンク	BEARING	1
09-08	54-168	Eリング	E-RING	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	六角穴付ホルト 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
09-41	54-5340-1	送りエキセンセット	FEED ECCENTRIC ASSY	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M4×5L	SCREW M4×5L	2
10-03	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	1
10-04	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	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	54-974	送り台ガイド	GUIDE BLOCK	1
10-28	54-975	送り台シールカバー	PLATE	1
10-29	54-572	送り台シール	OIL SEAL	3
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M6×0.75×12L	SCREW M6×0.75×12L	1

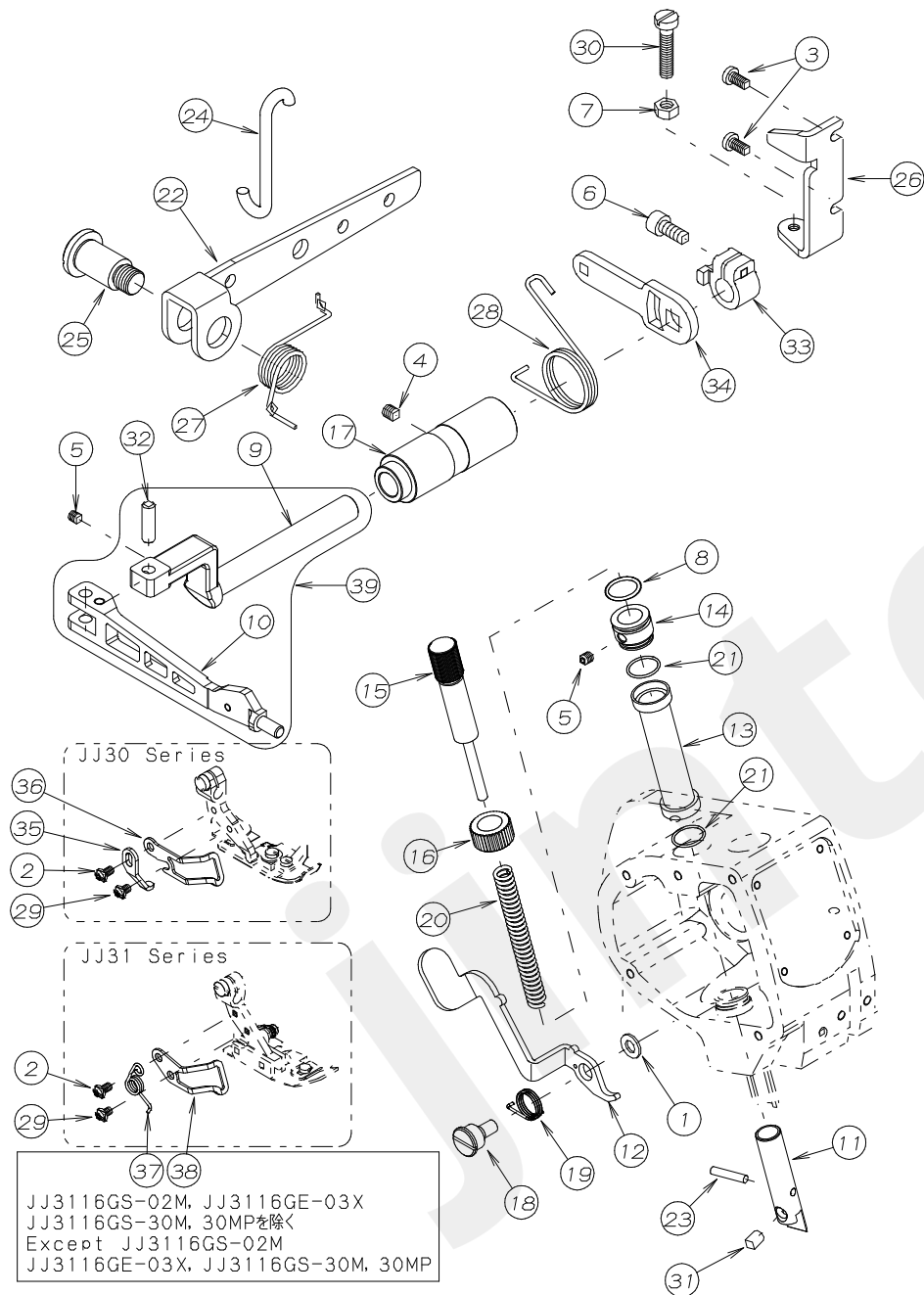
11. 上下メス機構 KNIFE MECHANISM



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	54-195	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
11-29	54-582	上メスロッド	UPPER KNIFE ROD	1

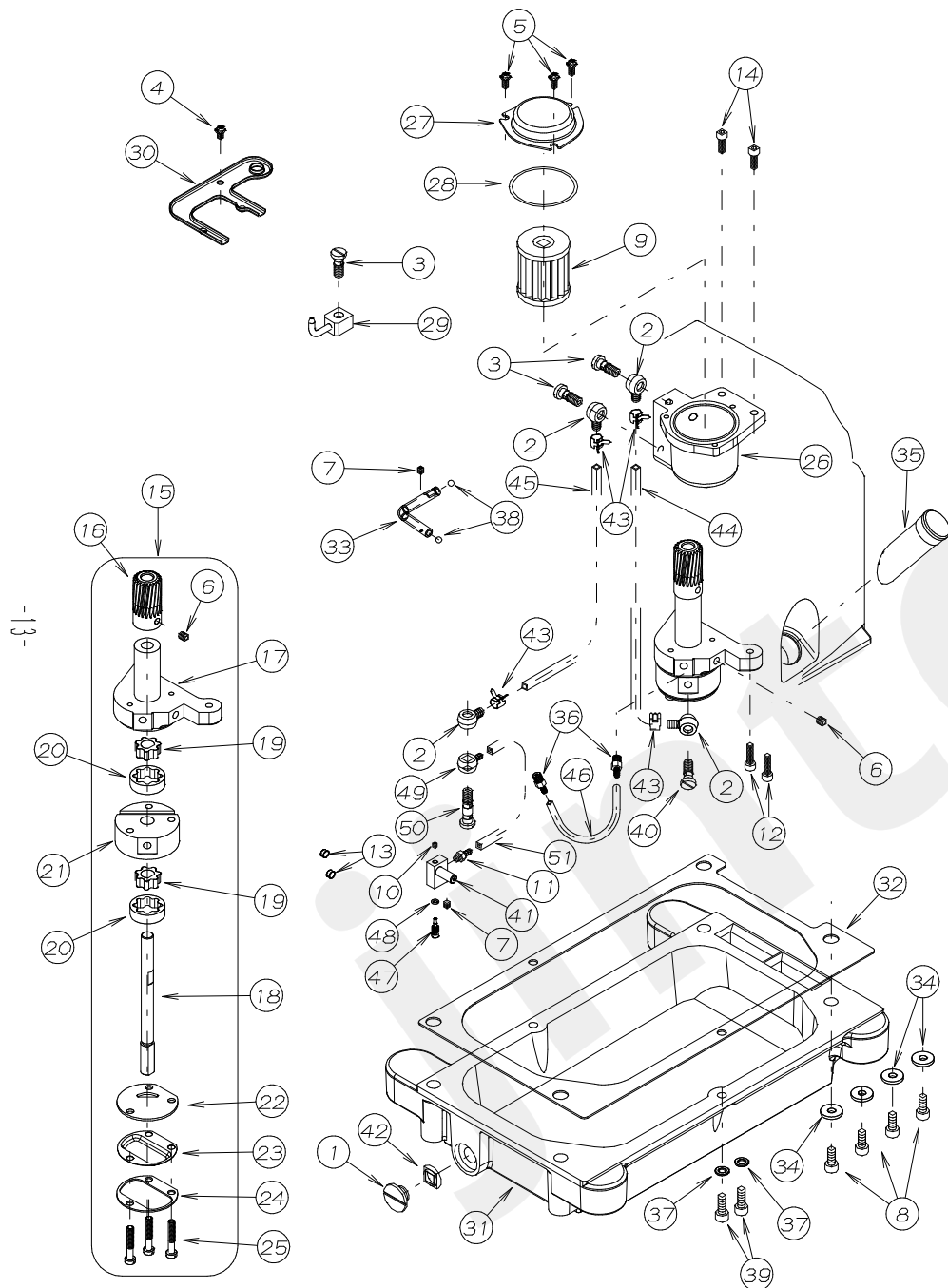
12. 押え揚げ機構 PRESSER FOOT MECHANISM

-12-



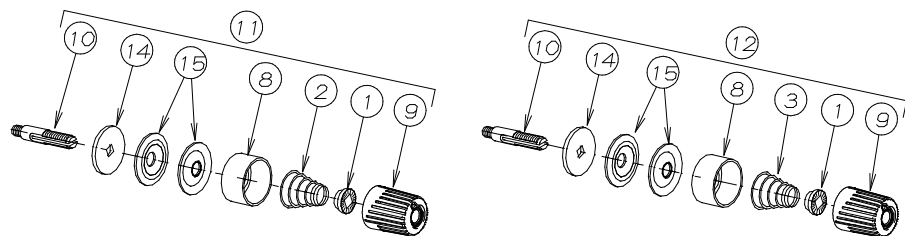
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
12-01	54-079	ワッシャー	WASHER	1
12-02	54-109	プラマイナベ小ネジM3×5L	SCREW M3×5L	1
12-03	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	2
12-04	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	1
12-05	54-133	ネジ	SCREW	2
12-06	54-149	六角穴付きボルト	BOLT	1
12-07	54-160	ナット	NUT	1
12-08	54-355	Oリング	O-RING	1
12-09	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	54-931	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
12-39	54-3640-1	押え揚げ軸セット	SHAFT SET	1

13. 給油機構 LUBRICATION MECHANISM

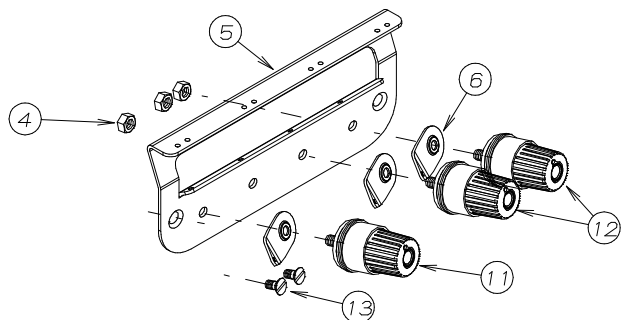


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
13-01	54-020	フタネジ	SCREW	1
13-02	54-051	片口継手	JOINT	4
13-03	54-052	管継手ボルト	JOINT SCREW	3
13-04	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	1
13-05	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	3
13-06	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	2
13-07	54-133	ネジ	SCREW	2
13-08	54-149	六角穴付きボルト	BOLT	4
13-09	54-180	フィルター	OIL FILTER	1
13-10	54-182	ネジ	SCREW	1
13-11	54-280	パイプ継手	JOINT SCREW	1
13-12	54-195	六角穴付きボルト	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	54-634	ワッシャ	WASHER	4
13-35	54-635	オイルゲージ	OIL SIGHT GAUGE	1
13-36	54-636	継手	JOINT SCREW	2
13-37	54-637	ワッシャ	WASHER	2
13-38	54-638	詰栓	PLUG	2
13-39	54-652	六角穴付きボルト	SCREW	2
13-40	54-653	管継手ボルト	JOINT SCREW	1
13-41	54-934	給油ピン	PIN	1
13-42	56-771	オイルタンクドレンシール	SEAL WASHER	1
13-43	56-817	止め金具	CLAMP	4
13-44	54-667	ビニールチューブ	TUBE	1
13-45	54-668	ビニールチューブ	TUBE	1
13-46	54-670	ビニールチューブ	TUBE	1
13-47	54-935	油量調節ネジ	ADJUSTING SCREW	1
13-48	54-936	Oリング	O-RING	1
13-49	54-937	片口管継手 (小)	JOINT	1
13-50	54-938	管継手ボルト	JOINT SCREW	1
13-51	54-939	ビニールチューブ	TUBE	1

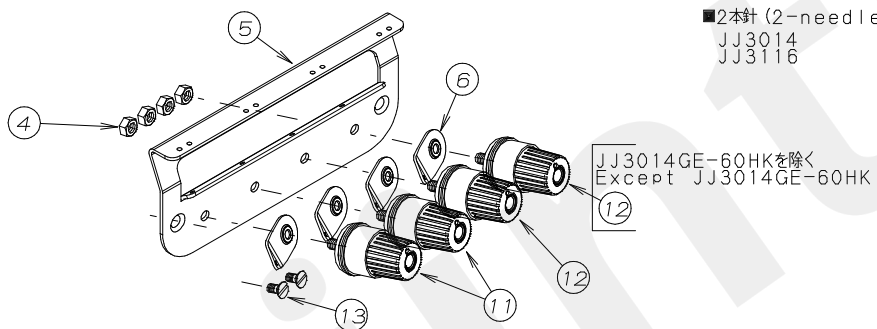
14. 糸調子機構 (1) THREAD TENSION (1)



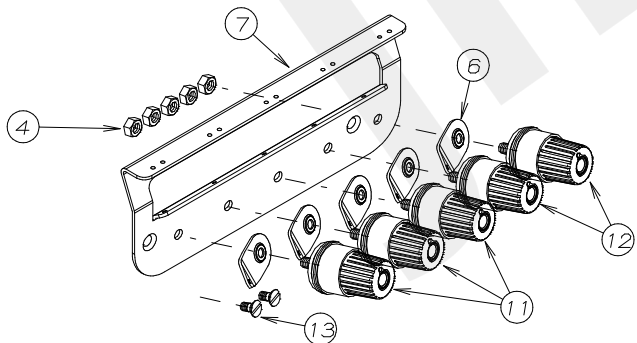
■1本針 (1-needle)
JJ3004



■2本針 (2-needle)
JJ3014
JJ3116

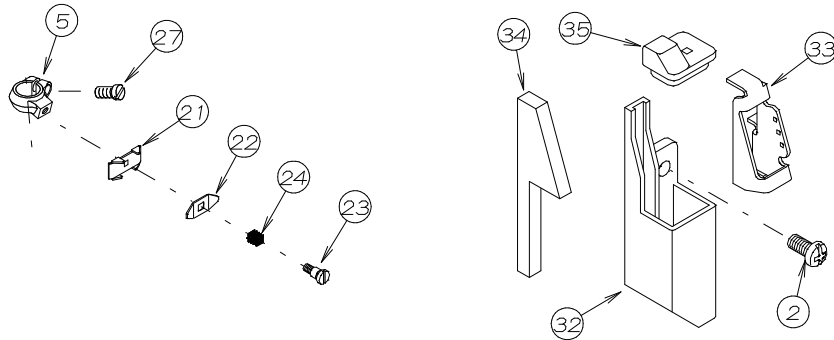


■3本針 (3-needle)
JJ3143

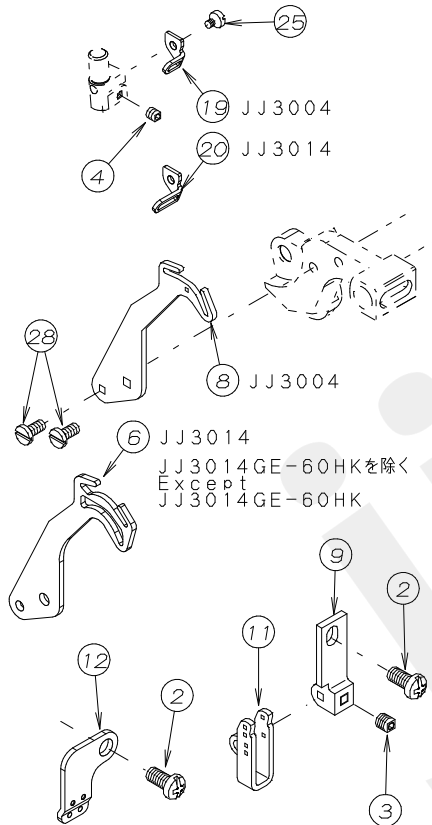


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
14-01	54-053	チャンボン皿ラチェット	SPRING POST	3~5
14-02	54-056	チャンボン調子バネ強	SPRING (HEAVY)	1~3
14-03	54-057	チャンボン調子バネ弱	SPRING (LIGHT)	2
14-04	54-160	ナット	NUT	3~5
14-05	54-440	糸調子台プレート	THREAD GUIDE	1
14-06	54-441	糸調子台糸道	THREAD GUIDE	3~5
14-07	54-662	糸調子台プレート	THREAD GUIDE BRACKET	1
14-08	54-971	大ケース	CUP	3~4
14-09	54-977	糸調子ダイヤル	POST NUT	3~4
14-10	54-978	糸調子台	SCREW STUD	3~4
14-11	54-9790-1	糸調子セット (強)	TENSION SET (HEAVY)	1~3
14-12	54-9810-1	糸調子セット (弱)	TENSION SET (LIGHT)	2
14-13	56-035	スリワリ付キ皿小ネジ M4	SCREW M4	2
14-14	56-268	取付フェルト	FELT	3~5
14-15	56-270	チャンボン皿	TENSION DISC	6~10

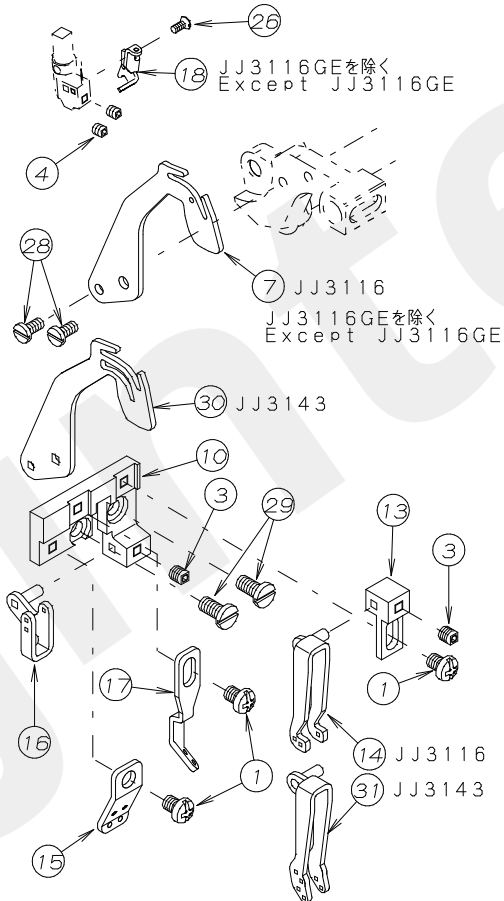
15. 糸調子機構 (2) THREAD TENSION (2)



JJ30 Series

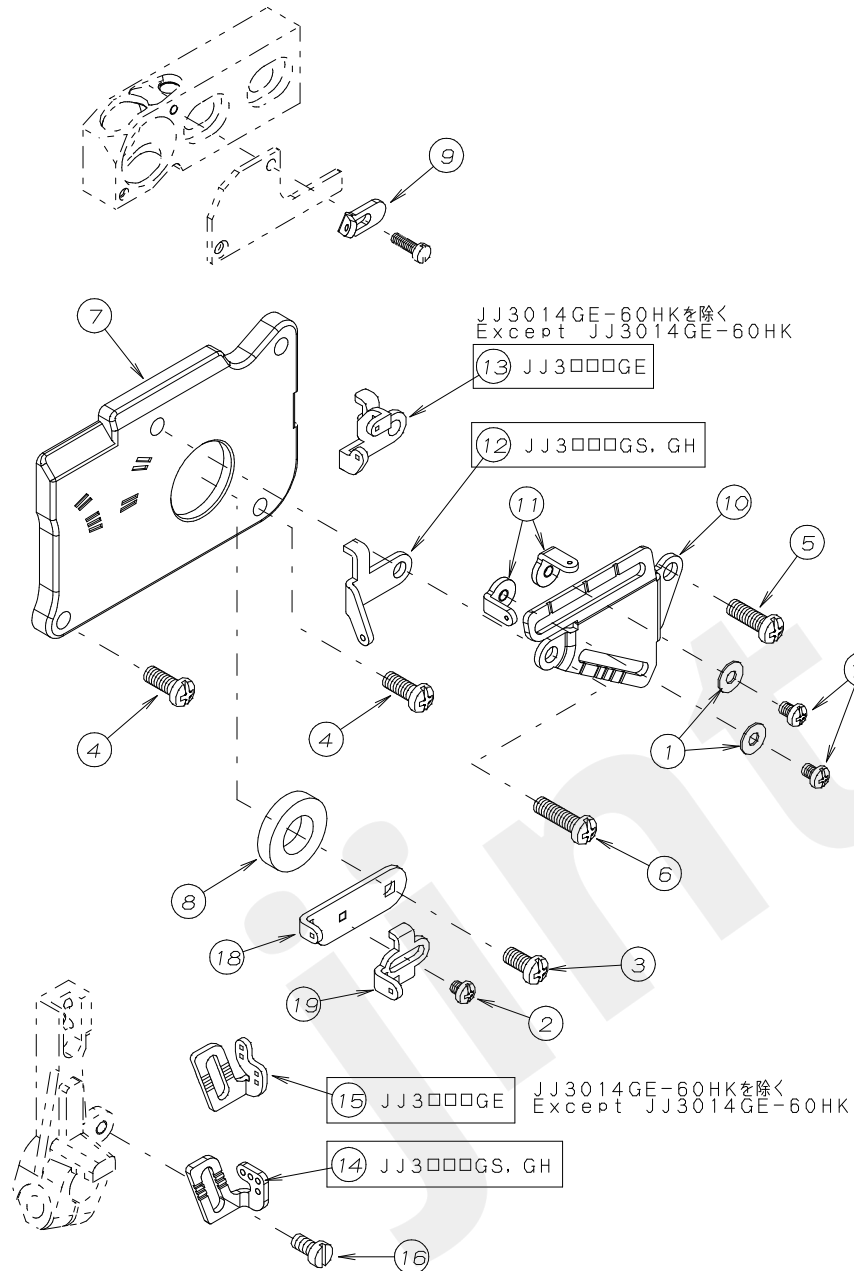


JJ31 Series



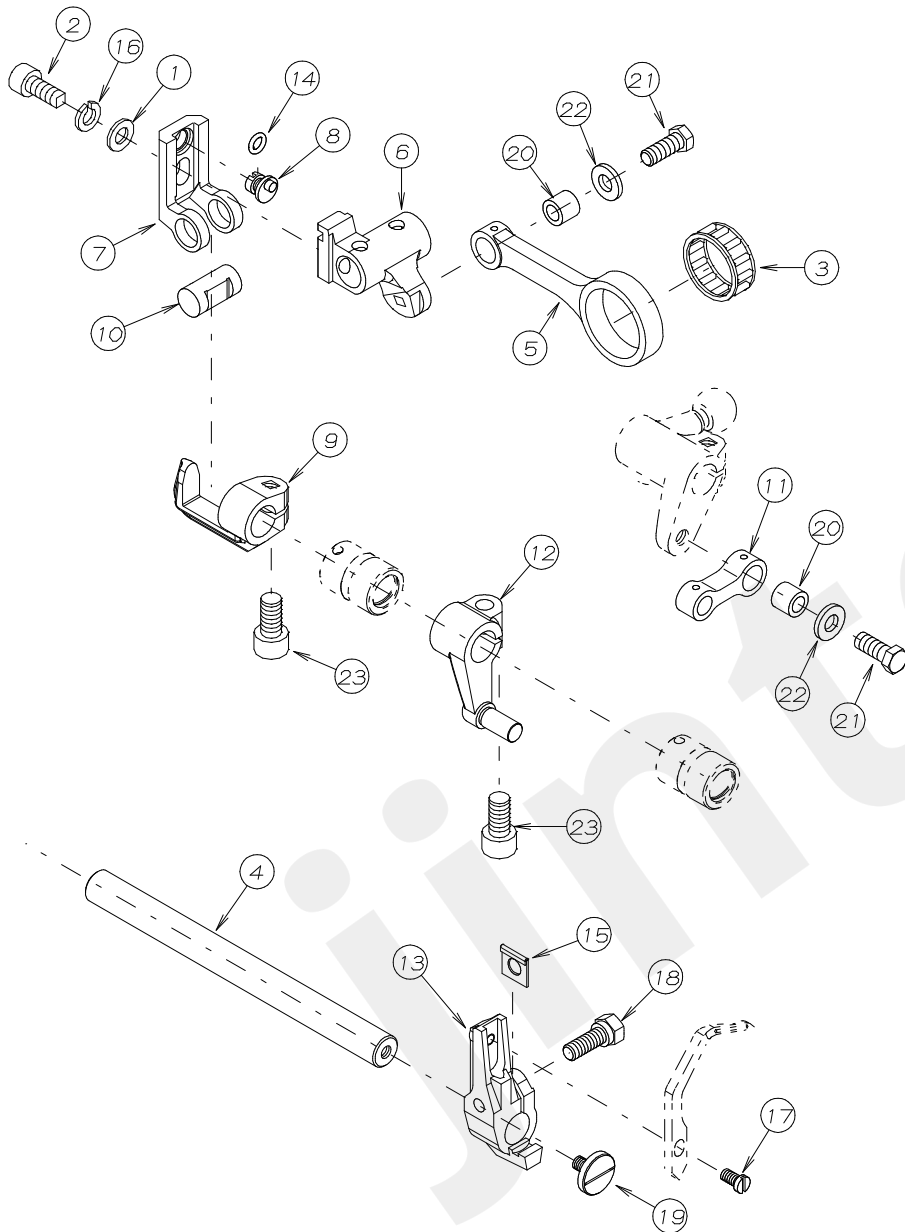
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
15-01	54-111	プラマイナベ小ネジM4x5L	SCREW M4x5L	3
15-02	54-113	プラマイナベ小ネジM4x8L	SCREW M4x8L	3
15-03	54-133	ネジ	SCREW	3
15-04	54-182	ネジ	SCREW	1~3
15-05	54-351	針棒クランプ台	NEEDLE BAR GUIDE	1
15-06	54-449	針糸捌き	NEEDLE THREAD TAKEUP	1
15-07	54-450	針糸捌き	NEEDLE THREAD TAKEUP	1
15-08	54-451	針糸捌き	NEEDLE THREAD TAKEUP	1
15-09	54-452	上糸糸道ブラケット	BRACKET	1
15-10	54-453	上糸糸道ブラケット	THREAD EYELET BRACKET	1
15-11	54-454	上糸糸道	THREAD EYELET	1
15-12	54-456	糸道	THREAD EYELET	1
15-13	54-457	上糸糸道取付台	BRACKET	1
15-14	54-458	上糸糸道	THREAD EYELET	1
15-15	54-459	糸道	THREAD EYELET	1
15-16	54-460	糸道	THREAD EYELET	1
15-17	54-461	糸道	THREAD EYELET	1
15-18	54-462	針糸糸道	THREAD GUIDE BRACKET	1
15-19	54-463	針糸糸道	THREAD EYELET	1
15-20	54-464	針糸糸道	THREAD EYELET	1
15-21	54-473	針糸糸調子皿	THREAD NIPPER	1
15-22	54-474	針糸糸調子板	THREAD NIPPER	1
15-23	54-475	針糸糸調子ネジ	SCREW	1
15-24	54-476	針糸糸調子バネ	SPRING	1
15-25	54-496	平小ネジ	SCREW	1
15-26	54-497	すりわり付き皿小ネジ	SCREW	1
15-27	54-499	平小ネジ	SCREW	1
15-28	54-501	平小ネジ	SCREW	4
15-29	54-502	平小ネジ	SCREW	2
15-30	54-661	針糸捌き (3本針用)	NEEDLE THREAD TAKEUP	1
15-31	54-663	上糸糸道	THREAD EYELET	1
15-32	56-765	上糸シリコンタンク	SILICONE TANK	1
15-33	56-766	上糸フェルト押エ	THREAD GUIDE	1
15-34	56-767	上糸フェルト	FELT	1
15-35	56-768	上糸シリコンタンク蓋	COVER	1

16. 糸調子機構 (3) THREAD TENSION (3)



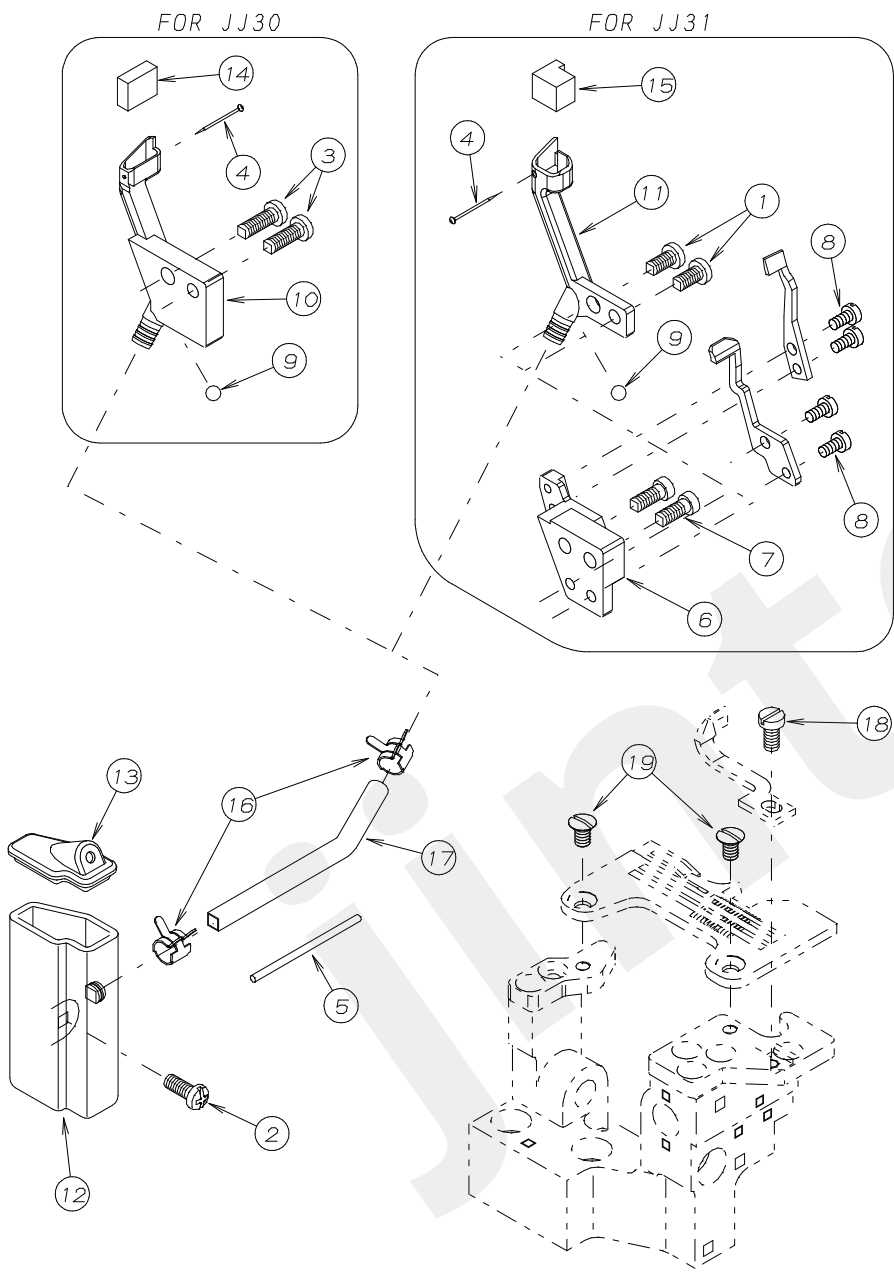
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
16-01	54-069	平座金	WASHER	2
16-02	54-108	プラマイナベ小ネジ M3×3L	SCREW M3×3L	1
16-03	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	1
16-04	54-114	プラマイナベ小ネジM4×10L	SCREW M4×10L	2
16-05	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	1
16-06	54-128	プラマイナベ小ネジM4×14L	SCREW M4×14L	1
16-07	54-317	上ルーパー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

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



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

19. 針冷却装置 H. R DEVICE

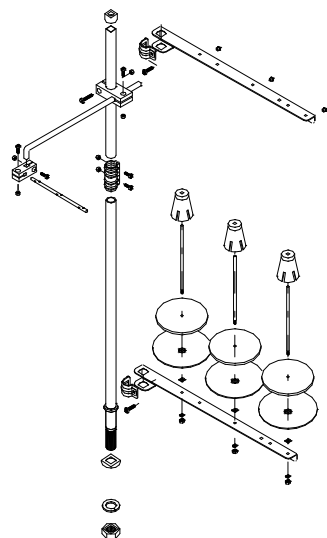


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
19-01	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	2
19-02	54-114	プラマイナベ小ネジM4×10L	SCREW M4×10L	1
19-03	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	2
19-04	54-171	フェルトピン	PIN	1
19-05	54-192	フェルト	FELT	1
19-06	54-363	針受け取付台	BRACKET	1
19-07	54-507	平小ネジ	SCREW	2
19-08	54-573	平小ネジ	SCREW	4
19-09	54-625	鋼球 4	PLUG	1
19-10	54-646	ニードルクーラー (オーバー)	NEEDLE COOLER (OVER)	1
19-11	54-647	ニードルクーラー (インター)	NEEDLE COOLER (INTER)	1
19-12	54-648	シリコンタンク	SILICONE TANK	1
19-13	54-649	シリコンタンク蓋	COVER	1
19-14	54-650	フェルト (オーバー)	FELT (OVER)	1
19-15	54-651	フェルト (インター)	FELT (INTER)	1
19-16	56-817	止め金具	CLAMP	2
19-17	54-666	ビニールチューブ	TUBE	1
19-18	54-343	平小ネジ	SCREW	1
19-19	54-506	すりわり付丸皿小ねじ	SCREW	2

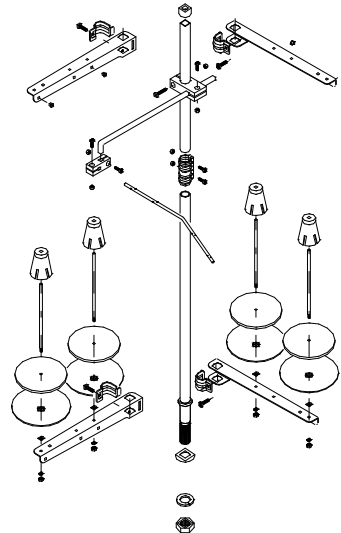
20. 糸立台 THREAD STAND

REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
20-01	56-913	3本糸立てセット	THREAD STAND ASSEMBLY (3-SPOOLS)	1
20-02	56-914	4本糸立てセット	THREAD STAND ASSEMBLY (4-SPOOLS)	1
20-03	56-915	5本糸立てセット	THREAD STAND ASSEMBLY (5-SPOOLS)	1
20-04	56-916	6本糸立てセット	THREAD STAND ASSEMBLY (6-SPOOLS)	1

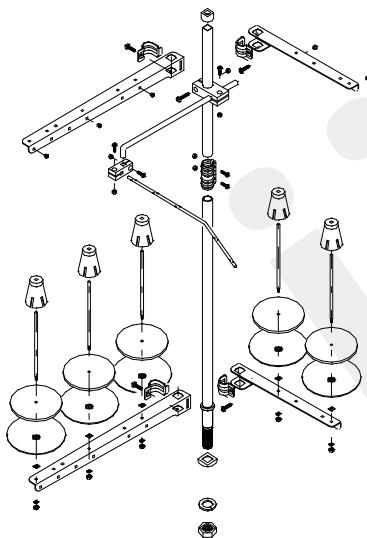
① JJ3004 Series



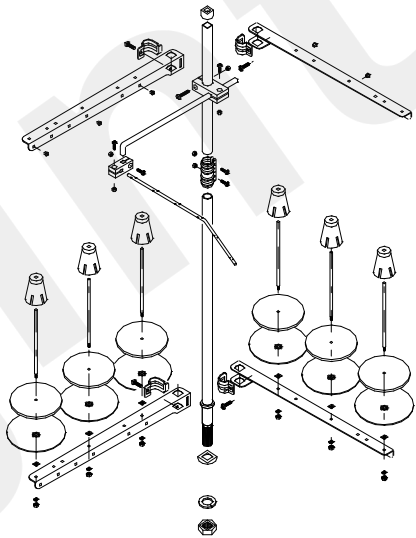
② JJ3014 Series



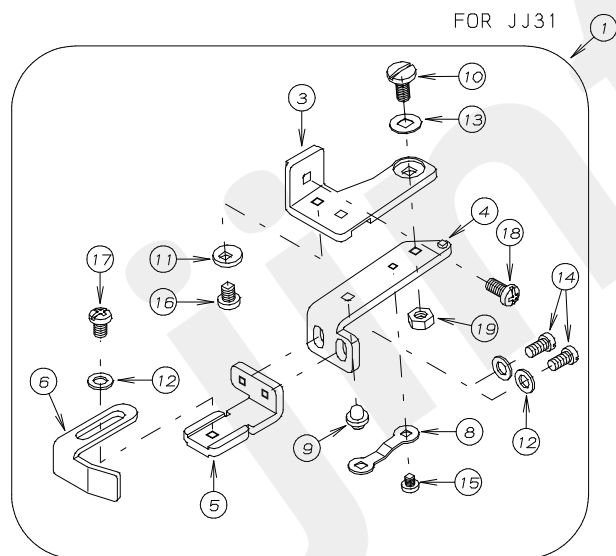
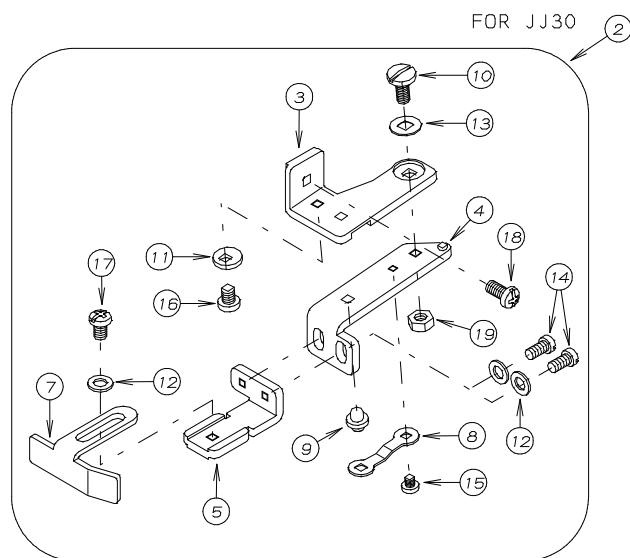
③ JJ3116 Series



④ JJ3143 Series

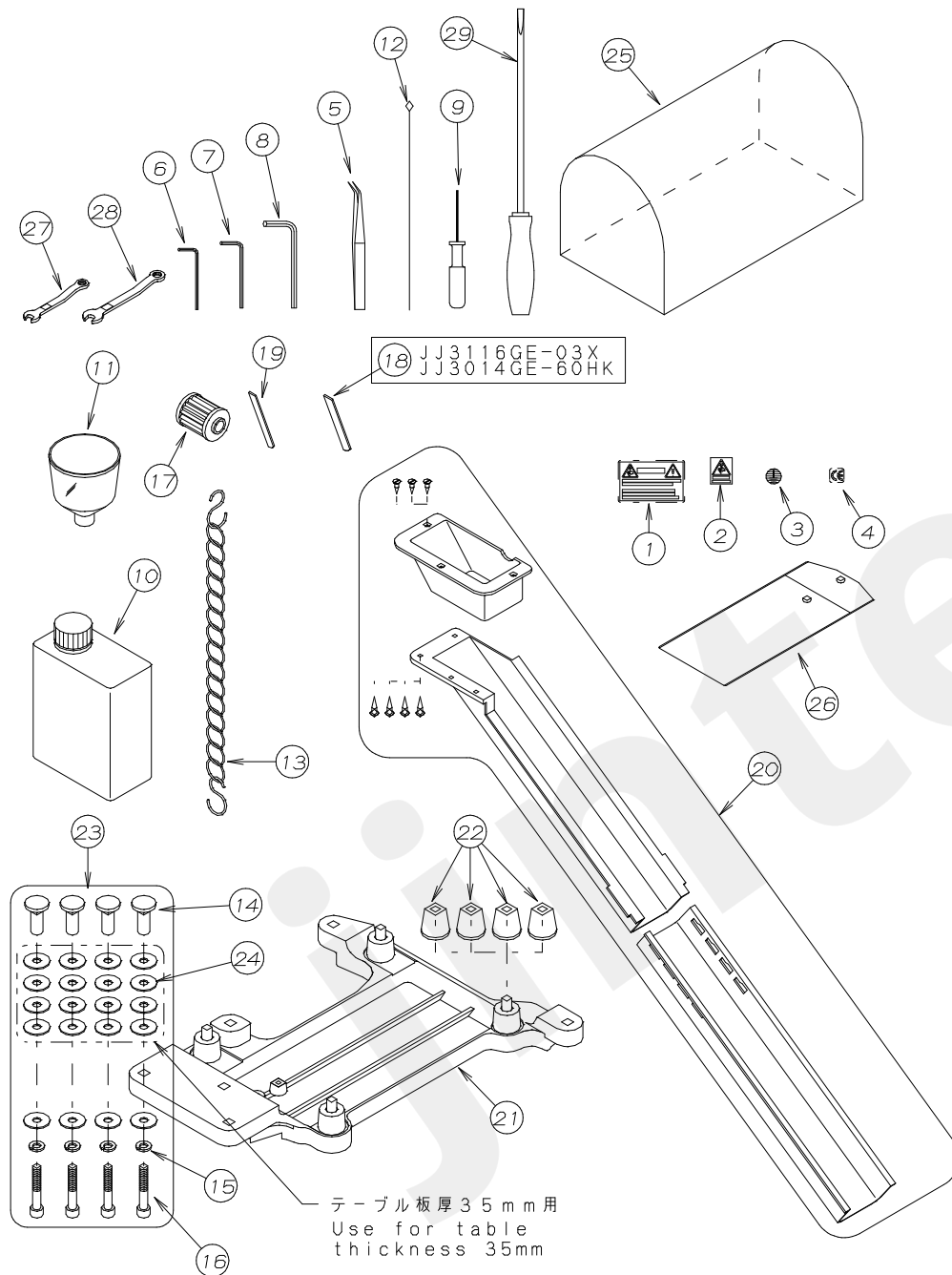


21. 当定規 (オプション) *EDGE GUIDE (Option)*



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
21-01	56-9550-1	クロスガイドセット	CLOTH GUIDE ASSY (INTER)	1
21-02	56-9560-1	クロスガイドセット	CLOTH GUIDE ASSY (OVER)	1
21-03	56-957	クロスガイドブラケット	BRACKET	1
21-04	56-958	ガイドブラケット	BRACKET	1
21-05	56-959	エッジガイドブラケット	BRACKET	1
21-06	56-960	エッジガイド (インター)	EDGE GUIDE (INTER)	1
21-07	56-961	エッジガイド (オーバー)	EDGE GUIDE (OVER)	1
21-08	56-962	板バネ	SPRING	1
21-09	56-963	ピン	PIN	1
21-10	56-964	段ネジ	SCREW	1
21-11	56-965	ストッパー	STOPPER	1
21-12	54-078	ワッシャ	WASHER	3
21-13	54-084	皿ハネ	SPRING	1
21-14	54-096	ネジ	SCREW	2
21-15	54-108	プラマイナベ小ネジM3×3L	SCREW M3×3L	1
21-16	54-111	プラマイナベ小ネジM4×5L	SCREW M4×5L	1
21-17	54-112	プラマイナベ小ネジM4×6L	SCREW M4×6L	1
21-18	54-113	プラマイナベ小ネジM4×8L	SCREW M4×8L	1
21-19	54-159	ナット	NUT	1

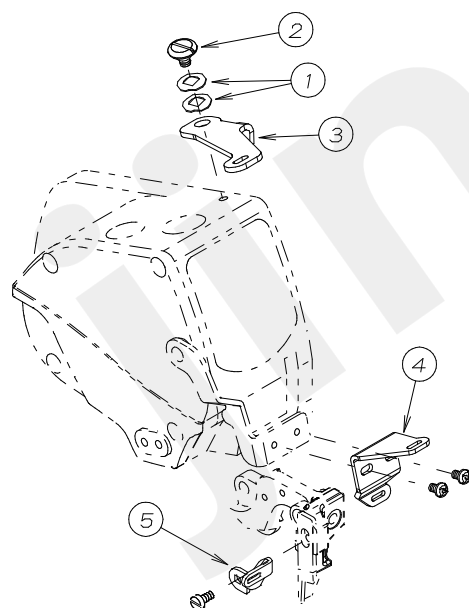
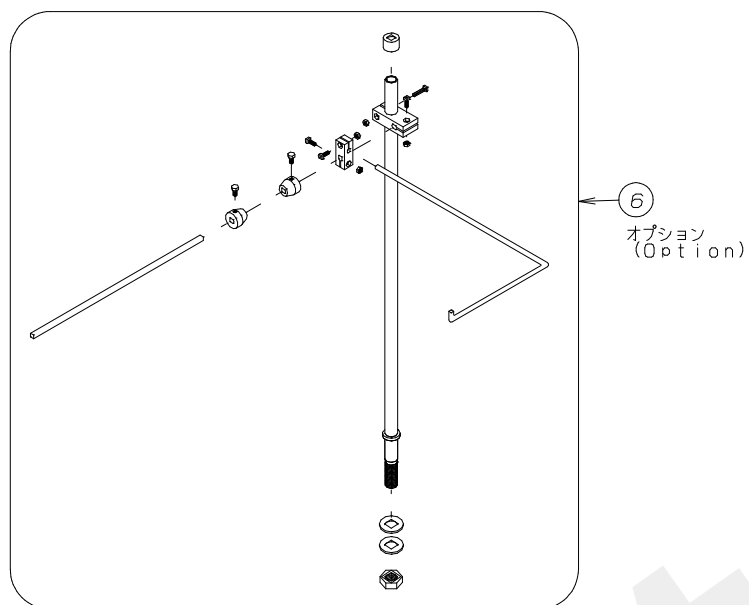
22. アクセサリー ACCESSORIES



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

23. 専用部品 (1) JJ3014GH-40M SPECIFIC PARTS (1) JJ3014GH-40M

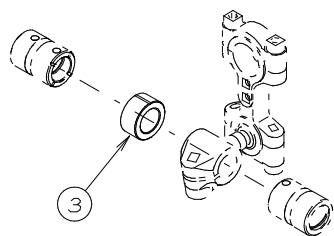
テープ付け (Tape attaching)



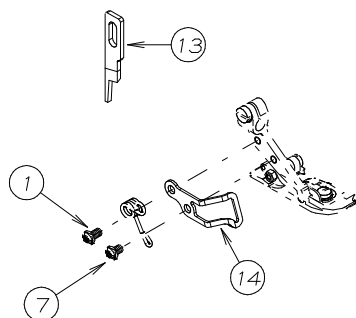
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
23-01	54-026	波座金	WASHER	2
23-02	54-439	段ネジ	SCREW	1
23-03	54-673	テープガイド A	TAPE GUIDE A	1
23-04	54-674	テープガイド B	TAPE GUIDE B	1
23-05	56-741	テープ操り	TAPE TAKE-UP	1
23-06	56-917	テープ立てセット	TAPE STAND ASSY	1

24. 専用部品 (2) SPECIFIC PARTS (2)

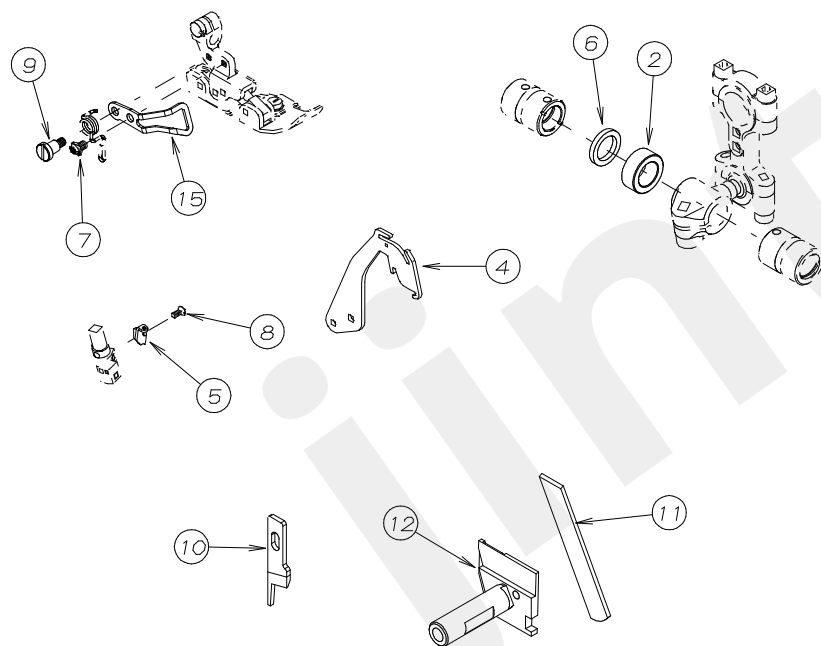
JJ3014GH, JJ3143GH
JJ3014GE-01H



JJ3116GS-02M



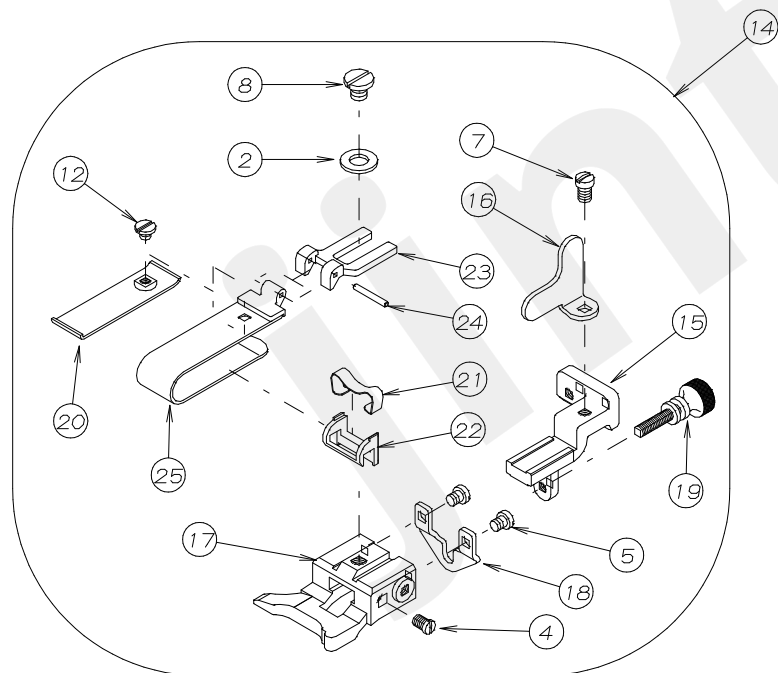
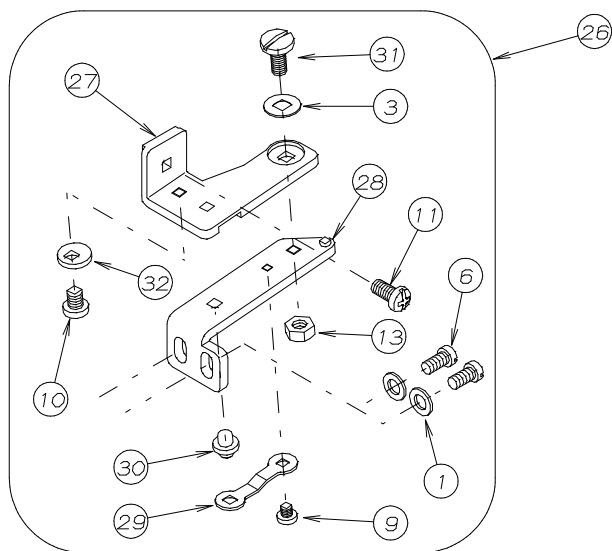
JJ3116GE-03X



REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
24-01	54-109	プラマイナベ小ネジM3x5L	SCREW M3x5L	1
24-02	54-407	スペーサー	COLLAR	1
24-03	54-408	スペーサー	COLLAR	1
24-04	54-455	針糸捌き	NEEDLE THREAD TAKEUP	1
24-05	54-465	針株系道	THREAD EYELET	1
24-06	54-479	平座金	WASHER	1
24-07	54-494	プラマイナベ小ネジ	SCREW	2
24-08	54-497	すりわり付き皿小ネジ	SCREW	1
24-09	54-508	段付ネジ	SCREW	1
24-10	54-606	上メス (大)	UPPER KNIFE	1
24-11	54-607	下メス (大)	LOWER KNIFE	1
24-12	54-608	下メス台 (大)	LOWER KNIFE HOLDER	1
24-13	54-681	上メス (小)	UPPER KNIFE (S)	1
24-14	57-462	フィンガーガード	COVER	1
24-15	57-570	安全カバー	FINGER GUARD	1

25. 専用部品 (3) SPECIFIC PARTS (3) JJ3005GS-10M

裾引き (Blind Hemming)

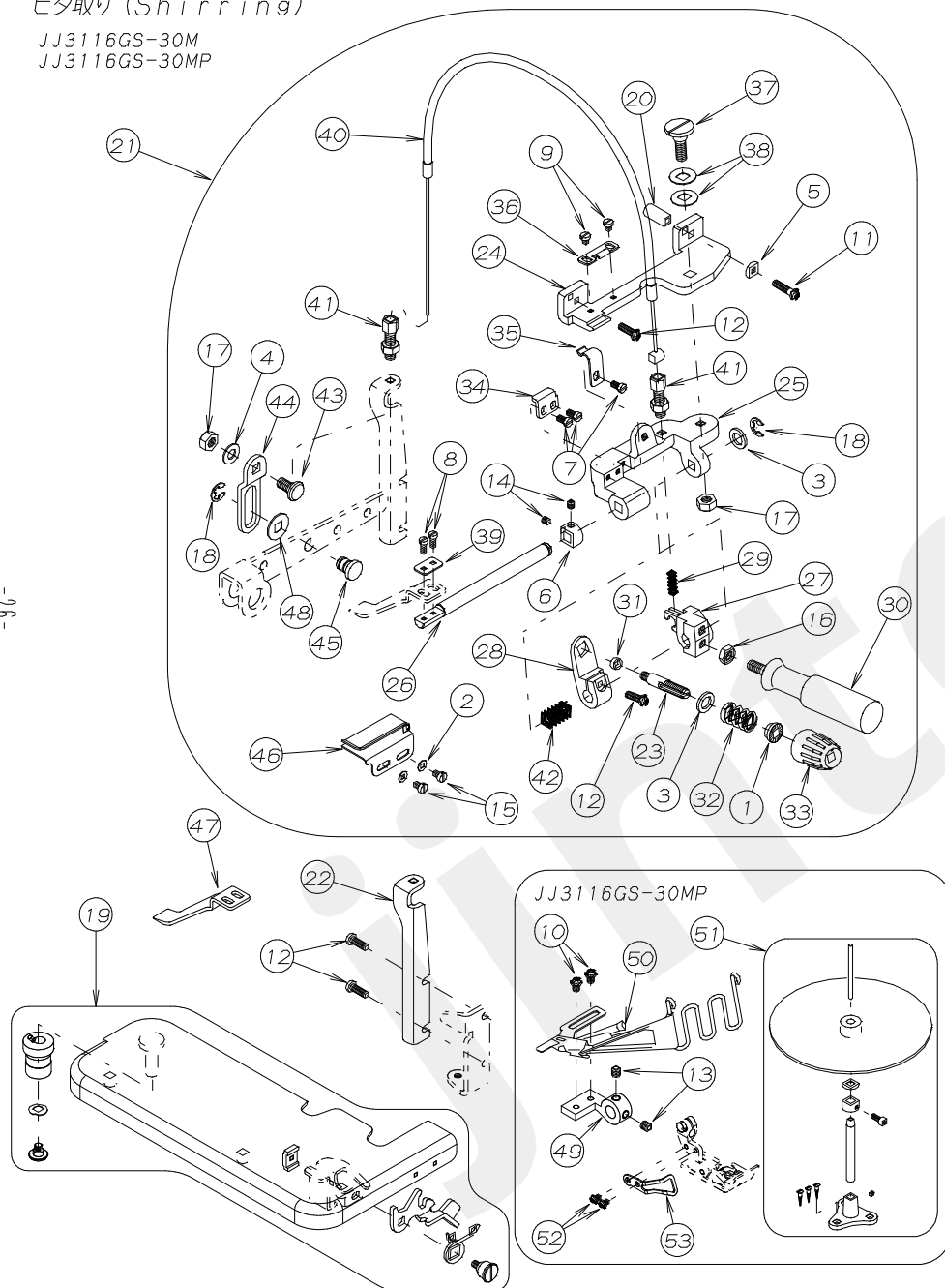


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
25-01	54-078	ワッシャー	WASHER	2
25-02	54-079	ワッシャー	WASHER	1
25-03	54-084	皿バネ	SPRING WASHER	1
25-04	54-093	平小ネジ	SCREW	1
25-05	54-095	平小ネジ	SCREW	2
25-06	54-096	ネジ	SCREW	2
25-07	54-099	平小ネジ	SCREW	1
25-08	54-101	平小ネジ	SCREW	1
25-09	54-108	プラマイナベ小ネジ M3x3L	SCREW M3x3L	1
25-10	54-111	プラマイナベ小ネジM4x5L	SCREW M4x5L	1
25-11	54-113	プラマイナベ小ネジM4x8L	SCREW M4x8L	1
25-12	54-131	平小ネジ	SCREW	1
25-13	54-159	六角ナット	NUT	1
25-14	56-7000-1	裾引定規台 (組)	BLIND HEMMING GUIDE ASSY	1
25-15	56-701	裾引ガイドブラケット	BRACKET	1
25-16	56-702	ストッパー	STOPPER	1
25-17	56-703	裾引定規台	CLOTH GUIDE	1
25-18	56-704	裾引調節板	ADJUSTING PLATE	1
25-19	56-705	調節ネジ	SCREW	1
25-20	56-711	補助羽根	AUXILIARY PLATE	1
25-21	56-712	板バネ	FLAT SPRING	1
25-22	56-713	定規駒	GUIDE	1
25-23	56-715	定規羽根ヒンジ	HINGE	1
25-24	56-716	ピン	PIN	1
25-25	56-717	定規羽根	FOLDER	1
25-26	56-7200-1	ブラケット (組)	BRACKET ASSY	1
25-27	56-957	クロスガイドブラケット	BRACKET	1
25-28	56-958	ガイドブラケット	BRACKET	1
25-29	56-962	板バネ	SPRING	1
25-30	56-963	ピン	PIN	1
25-31	56-964	段ネジ	SCREW	1
25-32	56-965	ストッパー	STOPPER	1

26. 専用部品 (4) SPECIFIC PARTS (4) JJ3116GS-30M, 30MP

ヒダ取り (Shirring)

JJ3116GS-30M
JJ3116GS-30MP

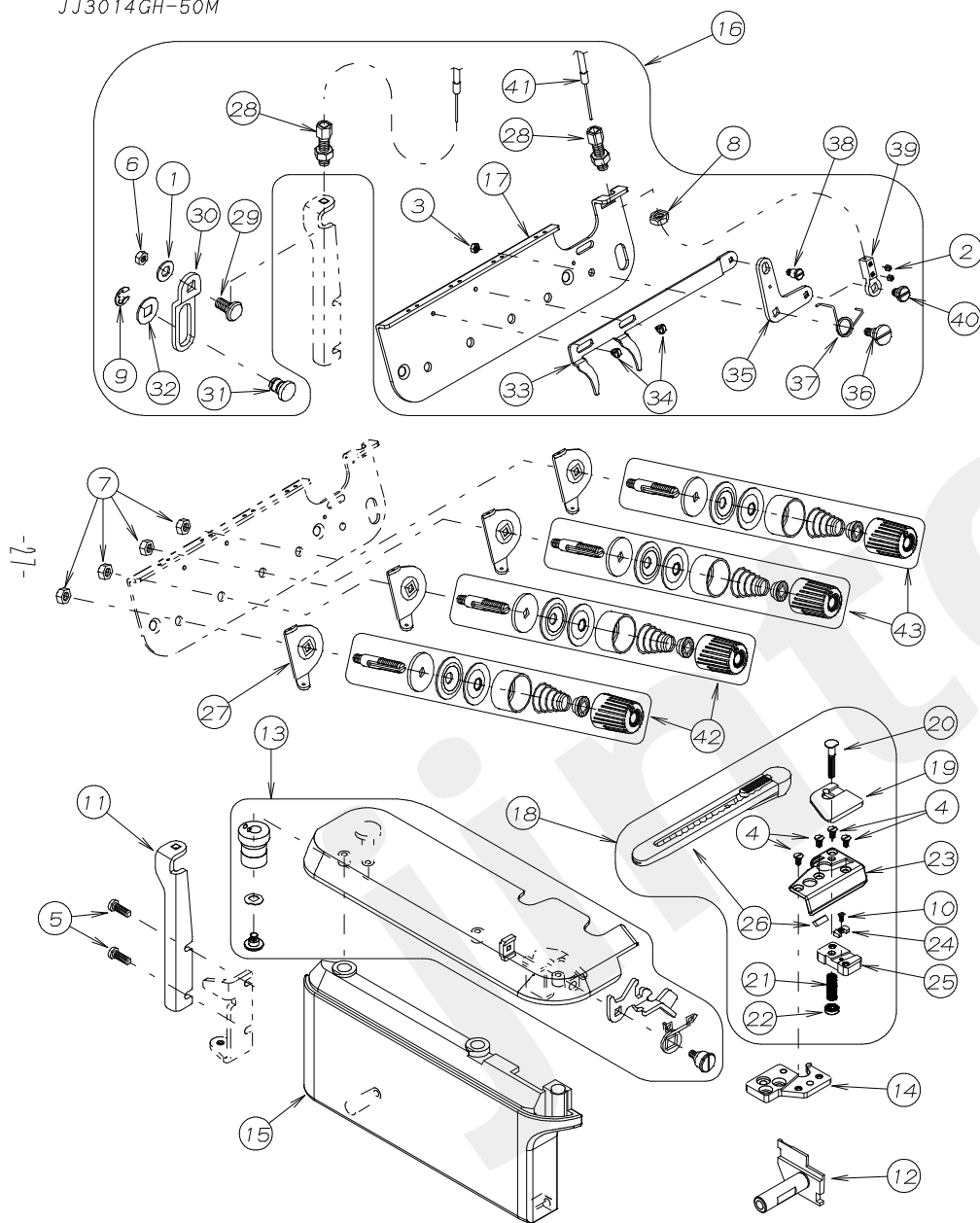


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
26-01	54-053	チャンボン皿ラチェット	SPRING POST	1
26-02	54-068	平座金 3.5	WASHER 3.5	2
26-03	54-071	ワッシャー	WASHER	2
26-04	54-075	ワッシャー	WASHER	1
26-05	54-080	ワッシャー	WASHER	1
26-06	54-082	カラー	COLLAR	1
26-07	54-088	すりわり付平小ネジ	SCREW	3
26-08	54-094	ネジ	SCREW	2
26-09	54-098	ネジ	SCREW	2
26-10	54-111	プラマイナベ小ネジM4×5L	SCREW M4×5L	2
26-11	54-115	プラマイナベ小ネジM4×16L	SCREW M4×16L	1
26-12	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	4
26-13	54-123	六角穴付止めネジM5×5L	SCREW M5×5L	2
26-14	54-133	ネジ	SCREW	2
26-15	54-152	ネジ	SCREW	2
26-16	54-161	六角ナット	NUT	1
26-17	54-162	六角ナット	NUT	2
26-18	54-170	E型止め輪	E-RING	2
26-19	54-6830-2	クロスプレート (幅広) セット	CLOTH PLATE ASSY	1
26-20	54-684	スペーサー	SPACER	1
26-21	54-6850-1	ひだ取り装置 (組)	SHIRRING ATTACHMENT	1
26-22	54-686	ブラケット	BRACKET	1
26-23	56-266	糸調子台	SCREW STUD	1
26-24	56-401	ブラケット	BRACKET	1
26-25	56-402	ブラケット	BRACKET	1
26-26	56-403	軸	SHAFT	1
26-27	56-404	ブラケット	BRACKET	1
26-28	56-405	バネ案内	SPRING GUIDE	1
26-29	56-406	圧縮バネ	SPRING	1
26-30	56-407	手揚げレバー	LEVER	1
26-31	56-408	スペーサー	SPACER	1
26-32	56-409	圧縮バネ	SPRING	1
26-33	56-410	調子ダイヤル	POST NUT	1
26-34	56-411	ストッパー	STOPPER	1
26-35	56-412	板バネ	FLAT SPRING	1
26-36	56-413	板バネ	FLAT SPRING	1
26-37	56-415	段ネジ	SCREW	1
26-38	56-416	さらばね	SPRING WASHER	2
26-39	56-417	ワッシャー	WASHER	1
26-40	56-418	ワイヤーケーブル	CABLE	1
26-41	56-419	ケーブル受け	CABLE SUPPORT	2
26-42	56-420	圧縮バネ	SPRING	1
26-43	56-421	段付ネジ	SCREW	1
26-44	56-422	連結板	PLATE	1
26-45	56-423	連結ピン	PIN	1
26-46	56-424	布案内	CLOTH GUIDE	1
26-47	56-425	ブレード	BLADE	1
26-48	56-428	ワッシャー	WASHER	1
26-49	56-446	ブラケット	BRACKET	1
26-50	56-447	パイピングホルダー (20)	PIPING FOLDER (20)	1
26-51	56-918	テープ立て	TAPE STAND	1
26-52	54-494	プラマイナベ小ネジ	SCREW	2
26-53	57-570	安全カバー	FINGER GUARD	1

27. 専用部品 (5) SPECIFIC PARTS (5) JJ3004GS-50M

バックタック (Back Latching)

JJ3004GS-50M
JJ3014GH-50M

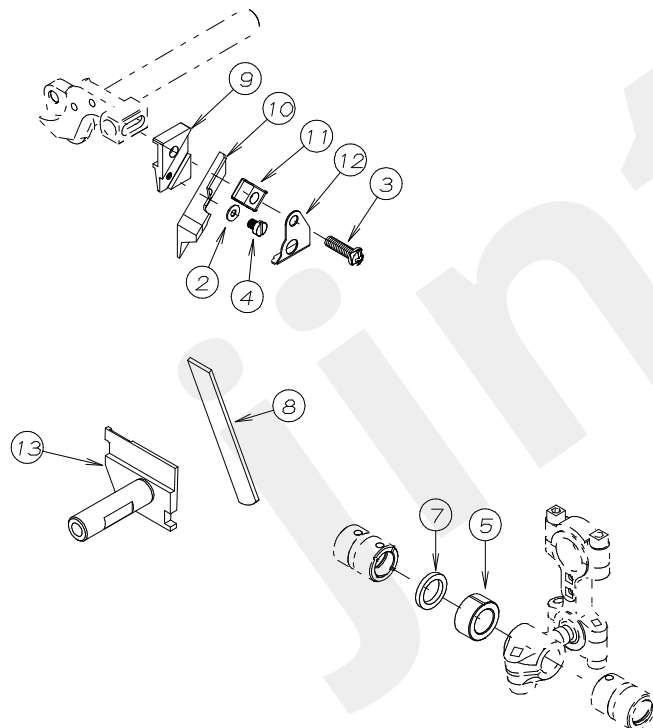
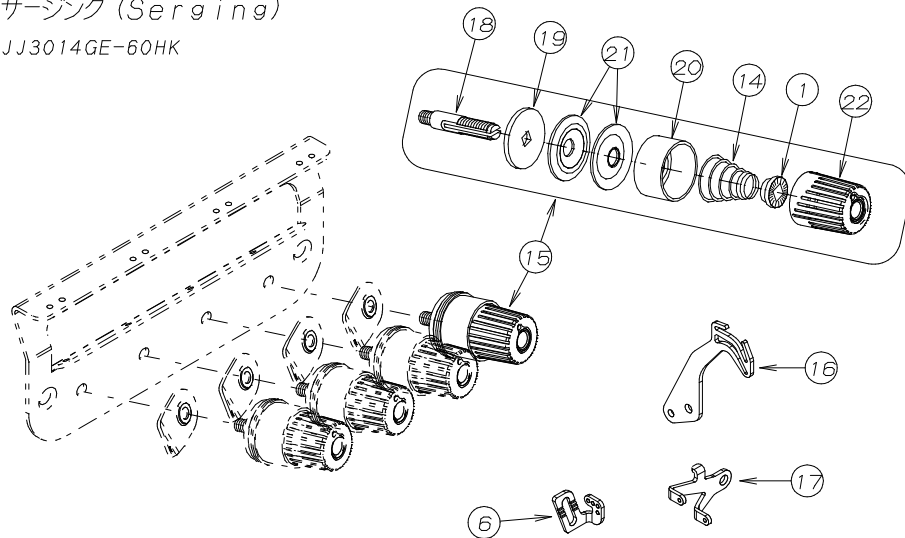


REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
27-01	54-075	ワッシャー	WASHER	1
27-02	54-092	六角穴付止めネジ	SCREW	2
27-03	54-107	六角ナット	NUT	1
27-04	54-119	スリワリ付皿小ネジM3×6L	SCREW M3×6L	4
27-05	54-121	プラマイナベ小ネジM4×12L	SCREW M4×12L	2
27-06	54-159	六角ナット	NUT	1
27-07	54-160	ナット	NUT	4
27-08	54-161	六角ナット	NUT	1
27-09	54-170	E型止め輪	E-RING	1
27-10	54-497	すりわり付き皿小ネジ	SCREW	1
27-11	54-686	ブラケット	BRACKET	1
27-12	54-687	下メス台 (50M)	LOWER KNIFE HOLDER	1
27-13	54-6880-2	クロスプレート (幅狭) セット	CLOTH PLATE ASSY (NARROW)	1
27-14	54-689	針板取付板前 (50M)	NEEDLE SUPPORT BRACKET FRONT	1
27-15	54-691	サイドカバー (幅狭)	SIDE COVER (NARROW)	1
27-16	54-6920-1	糸緩め装置	TENSION RELEASE DEVICE	1
27-17	54-693	糸調子台プレート	BRACKET	1
27-18	54-6940-1	バックタック装置 (組)	BACK LATCHING DEVICE ASSY	1
27-19	54-695	空環押え	PLATE	1
27-20	54-696	段ネジ	SCREW	1
27-21	54-697	圧縮バネ	SPRING	1
27-22	54-698	丸ナット	NUT	1
27-23	54-699	メス案内板	KNIFE GUIDE	1
27-24	54-700	ラッチ	LATCH	1
27-25	54-701	ブラケット	BRACKET	1
27-26	54-702	メス	KNIFE	1
27-27	56-253	糸調子台糸道	THREAD GUIDE	4
27-28	56-419	ケーブル受け	CABLE SUPPORT	2
27-29	56-421	段付ネジ	SCREW	1
27-30	56-422	連結板	PLATE	1
27-31	56-423	連結ピン	PIN	1
27-32	56-428	ワッシャー	WASHER	1
27-33	56-472	糸緩め板	PLATE	1
27-34	56-473	段ネジ	SCREW	2
27-35	56-474	糸緩めレバー	LEVER	1
27-36	56-475	段ネジ	SCREW	1
27-37	56-476	巻バネ	SPRING	1
27-38	56-477	段ネジ	SCREW	1
27-39	56-478	連結ブラケット	BRACKET	1
27-40	56-479	段ネジ	SCREW	1
27-41	56-480	ワイヤーケーブル	CABLE	1
27-42	54-9790-1	糸調子セット (強)	TENSION SET (HEAVY)	1~2
27-43	54-9810-1	糸調子セット (弱)	TENSION SET (LIGHT)	2

28. 専用部品 (6) SPECIFIC PARTS (6) JJ3014GE-60HK

サージング (Serging)

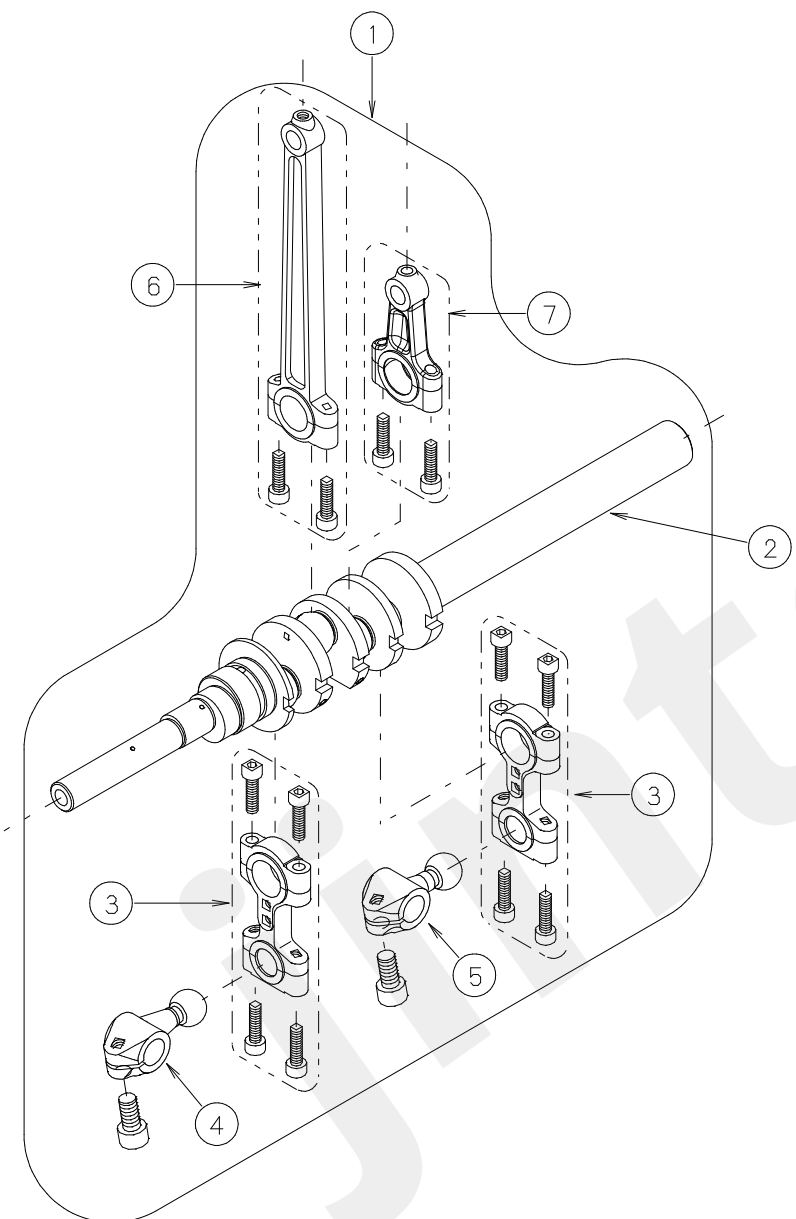
JJ3014GE-60HK



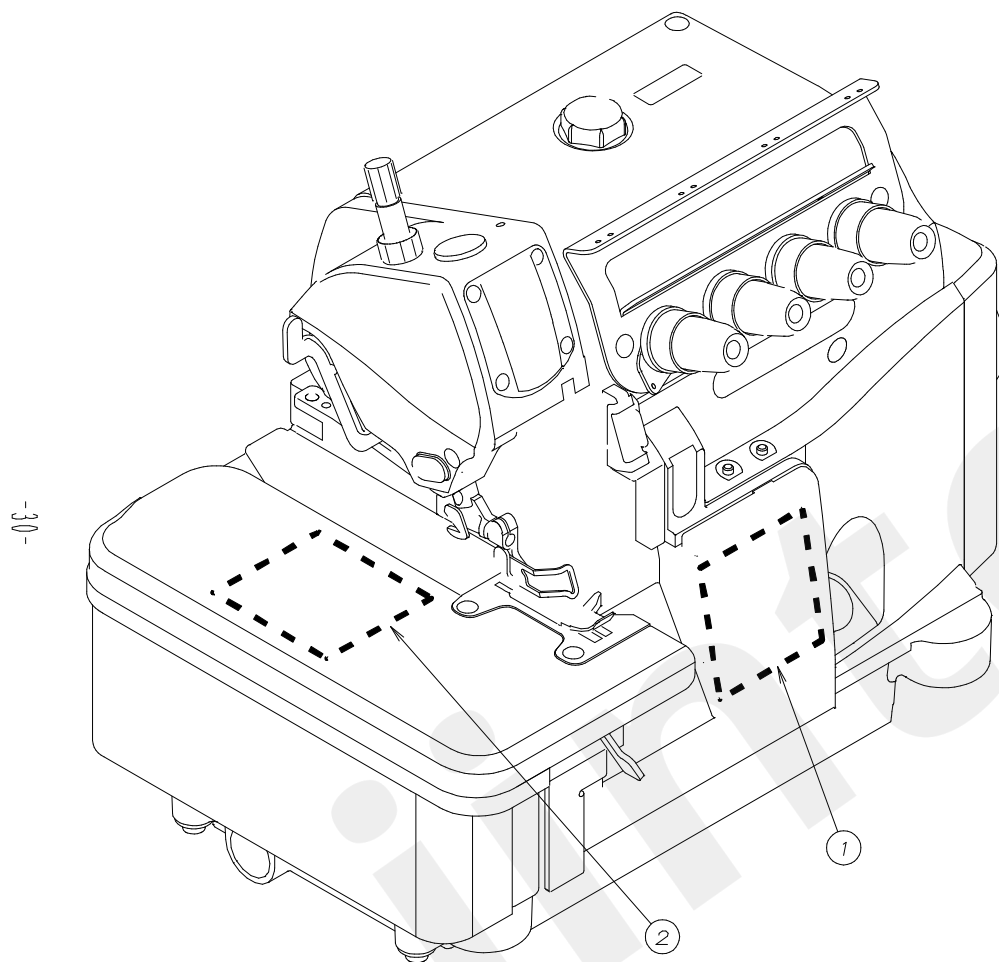
REF. NO.	PART NO.	品 名	DESCRIPTION	Q'TY
28-01	54-053	チャンボン皿ラチェット	SPRING POST	1
28-02	54-074	ワッシャ	WASHER	1
28-03	54-128	プラマイナベ小ネジM4X14L	SCREW M4X14L	1
28-04	54-259	平小ネジ SM1/8, 4L	SCREW SM1/8, 4L	1
28-05	54-408	スペーサー	COLLAR	1
28-06	54-447	下ルーパー天秤	THREAD TAKEUP	1
28-07	54-479	平座金	WASHER	1
28-08	54-607	下メス (大)	LOWER KNIFE	1
28-09	54-729	角メス抱キ (オーバー)	ANGLED KNIFE HOLDER (OVER)	1
28-10	54-730	角メス	ANGLED KNIFE	1
28-11	54-731	角メス押エ	ANGLED KNIFE CLAMP	1
28-12	54-732	切屑押シ	WASTE GUARD	1
28-13	54-733	下メス台 (大)	LOWER KNIFE HOLDER	1
28-14	54-736	チャンボン調子バネ (中)	SPRING (MEDIUM)	1
28-15	54-9800-1	糸調子セット (中)	TENSION SET (MIDDLE)	1
28-16	54-738	針糸捌き	NEEDLE THREAD TAKE-UP	1
28-17	54-739	上下ルーパー糸道	THREAD EYELET	1
28-18	54-978	糸調子台	SCREW STUD	1
28-19	56-268	取付フェルト	FELT	1
28-20	54-971	大ケース	CUP	1
28-21	56-270	チャンボン皿	TENSION DISC	2
28-22	54-977	糸調子ダイヤルA	POST NUT (A)	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	上メスクランクロッド	モデル
CRANKSHAFT SET	CRANKSHAFT	LOOPER ROD ASSY	LOWER LOOPER CRANK	UPPER LOOPER CRANK	NEEDLE BAR CRANK ROD	UPPER KNIFE CRANK ROD	MODEL
54-7510-1	54-513	54-5990-1	54-395	54-409	54-7580-1	54-6000-1	JJ3004GS
54-7520-1	54-513	54-5990-1	54-395	54-410	54-7580-1	54-6000-1	JJ3014GH
54-7560-1	54-531	54-5990-1	54-395	54-410	54-7580-1	54-6000-1	JJ3014GE
54-7530-1	54-513	54-5990-1	54-421	54-409	54-7580-1	54-6000-1	JJ3116GS
54-7540-1	54-513	54-5990-1	54-421	54-410	54-7580-1	54-6000-1	JJ3116GH JJ3143GH
54-7550-1	54-531	54-5990-1	54-421	54-410	54-7580-1	54-6000-1	JJ3116GE



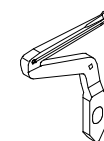
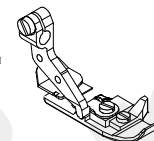
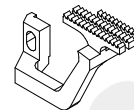
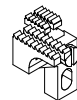
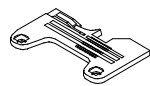
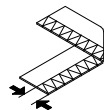
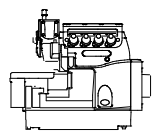
30. 糸通し図一覧表 THREADING DIAGRAM



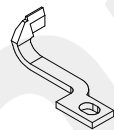
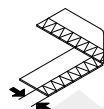
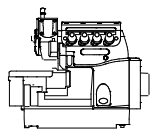
部品番号 PARTS NO		適用機種 Applicable Machines
①	②	
54-470		JJ3004GS-01M , JJ3005GS-10M JJ3004GS-20F , JJ3004GS-50M
54-471		JJ3014GH-01M , JJ3014GH-40M JJ3014GH-50M
54-728		JJ3014GE-01H
54-740		JJ3014GE-60HK
54-472	54-477	JJ3116GS-01M , JJ3116GS-01H JJ3116GS-02M , JJ3116GH-01H JJ3116GS-30M , JJ3116GS-30MP
54-655	54-477	JJ3116GE-03X
54-664	54-477	JJ3143GH-90M

31. JJ30 ゲージ部品一覧表 (1)

JJ30 GAUGE PARTS TABLE (1)



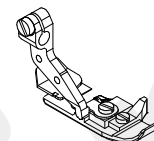
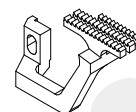
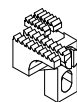
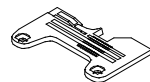
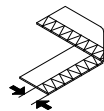
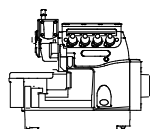
ミシン形式	ゲージ		針板	主送り歯 (組)	主送り歯	補助送り歯	差動送り歯	押え (組)	押えストッパー	上ルーパー	下ルーパー
MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASS'Y	MAIN FEED DOG	AUXILIARY FEED DOG	DIFFERENTIAL FEED DOG	PRESSER FOOT ASS'Y	STOPPER	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JJ3004GS-01M	-	4	57-171	57-2610-1	57-262	57-263	57-269	57-5410-1	57-548	57-411	57-414
JJ3005GS-10M	-	3	57-178	57-2790-1	57-272	57-263	57-277	57-5840-1	57-548	57-411	57-414
JJ3005GS-10M	-	4	57-179	57-2790-1	57-272	57-263	57-277	57-5890-1	57-548	57-411	57-414
JJ3004GS-20F	-	1	57-175	57-2730-1	57-272	57-274	57-277	57-5710-1	57-548	57-411	57-414
JJ3004GS-50M	-	3	57-188	57-2870-1	57-288	57-263	57-289	57-5930-1	57-548	57-411	57-414
JJ3004GS-50M	-	4	57-189	57-2870-1	57-288	57-263	57-289	57-5950-1	57-548	57-411	57-414
JJ3014GH-01M	2	3	57-180	57-2610-1	57-262	57-263	57-269	57-5910-1	57-548	57-412	57-414
JJ3014GH-01M	2	4	57-172	57-2610-1	57-262	57-263	57-269	57-5500-1	57-548	57-412	57-414



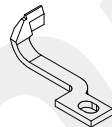
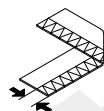
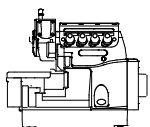
ミシン形式	ゲージ		針受け		針株	針					
			前	後							
MACHINE TYPE /SPEC	GAUGE		NEEDLE GUARD		NEEDLE HOLDER	NEEDLE					
	NG	SW	FRONT	REAR							
JJ3004GS-01M	-	4	57-417	57-419	57-531	DCx27 #9					
JJ3005GS-10M	-	3	57-417	57-419	57-531	DCx27 #9					
JJ3005GS-10M	-	4	57-417	57-419	57-531	DCx27 #9					
JJ3004GS-20F	-	1	57-417	57-419	57-531	DCx27 #11					
JJ3004GS-50M	-	3	57-417	57-419	57-531	DCx27 #9					
JJ3004GS-50M	-	4	57-417	57-419	57-531	DCx27 #9					
JJ3014GH-01M	2	3	57-417	57-419	57-532	DCx27 #9					
JJ3014GH-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)



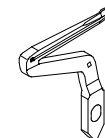
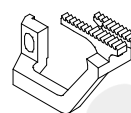
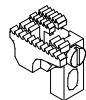
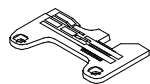
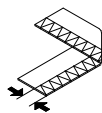
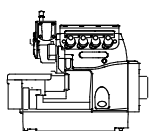
ミシン形式	ゲージ		針板	主送り歯 (組)	主送り歯	補助送り歯	差動送り歯	押え (組)	押えストッパー	上ルーパー	下ルーパー
MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASS'Y	MAIN FEED DOG	AUXILIARY FEED DOG	DIFFERENTIAL FEED DOG	PRESSER FOOT ASS'Y	STOPPER	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JJ3014GH-01M	2	5	57-181	57-2610-1	57-262	57-263	57-269	57-5500-1	57-548	57-412	57-414
JJ3014GH-40M	2	3	57-180	57-2610-1	57-262	57-263	57-269	57-4780-1	57-548	57-412	57-414
JJ3014GH-40M	2	4	57-172	57-2610-1	57-262	57-263	57-269	57-5740-1	57-548	57-412	57-414
JJ3014GH-40M	2	5	57-181	57-2610-1	57-262	57-263	57-269	57-5740-1	57-548	57-412	57-414
JJ3014GH-50M	2	4	57-190	57-2870-1	57-288	57-263	57-289	57-5960-1	57-548	57-412	57-414
JJ3014GH-50M	2	5	57-191	57-2870-1	57-288	57-263	57-289	57-5960-1	57-548	57-412	57-414
JJ3014GE-01H	2	4	57-172	57-2610-1	57-262	57-263	57-269	57-5500-1	57-548	57-413	57-414
JJ3014GE-60HK	3	4	57-192	57-2920-1	57-290	57-291	57-293	57-4760-1	57-548	57-413	57-414



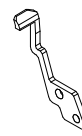
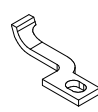
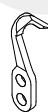
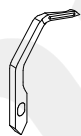
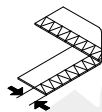
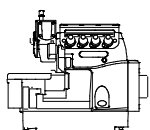
ミシン形式	ゲージ		針受け		針株	針					
			前	後							
MACHINE TYPE /SPEC	GAUGE		NEEDLE GUARD		NEEDLE HOLDER	NEEDLE					
	NG	SW	FRONT	REAR							
JJ3014GH-01M	2	5	57-417	57-419	57-532	DCx27 #9					
JJ3014GH-40M	2	3	57-417	57-419	57-532	DCx27 #9					
JJ3014GH-40M	2	4	57-417	57-419	57-532	DCx27 #9					
JJ3014GH-40M	2	5	57-417	57-419	57-532	DCx27 #9					
JJ3014GH-50M	2	4	57-417	57-419	57-532	DCx27 #9					
JJ3014GH-50M	2	5	57-417	57-419	57-532	DCx27 #9					
JJ3014GE-01H	2	4	57-417	57-419	57-532	DCx27 #11					
JJ3014GE-60HK	3	4	57-417	57-419	57-537	DCx27 #18					

33. JJ31 ゲージ部品一覧表 (1)

JJ31 GAUGE PARTS TABLE (1)



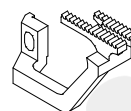
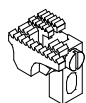
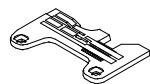
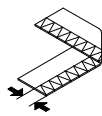
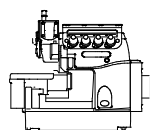
マシン形式	ゲージ		針板	主送り歯 (組)	主送り歯	補助送り歯	差動送り歯	押え (組)	押え補助バネ	上ルーパー	下ルーパー
MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASS'Y	MAIN FEED DOG	AUXILIARY FEED DOG	DIFFERENTIAL FEED DOG	PRESSER FOOT ASS'Y	SPRING	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JJ3116GS-01M	3	4	57-173	57-2640-1	57-265	57-263	57-270	57-5520-1	57-561	57-411	57-414
JJ3116GS-02M	3	4	57-173	57-2640-1	57-265	57-263	57-270	57-4500-1	57-461	57-411	57-414
JJ3116GS-01H	3	5	57-182	57-2750-1	57-276	57-263	57-280	57-5520-1	57-561	57-412	57-414
JJ3116GS-01H	5	5	57-176	57-2750-1	57-276	57-263	57-278	57-5790-1	57-561	57-412	57-414
JJ3116GH-01H	3	4	57-183	57-2750-1	57-276	57-263	57-280	57-5520-1	57-561	57-411	57-414
JJ3116GH-01H	5	5	57-176	57-2750-1	57-276	57-263	57-278	57-5790-1	57-561	57-411	57-414
JJ3116GS-30M	3	4	57-185	57-2810-1	57-282	57-263	57-285	57-4630-1	57-561	57-412	57-414
JJ3116GS-30MP	3	4	57-185	57-2810-1	57-282	57-263	57-285	57-4680-1	-	57-412	57-414



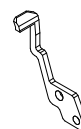
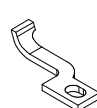
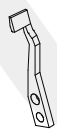
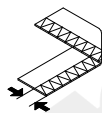
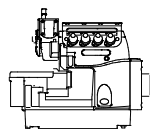
マシン形式	ゲージ		二重ルーパー	オーバー針受け		二重環針受け		針株	針		
				前	後	前	後				
	NG	SW		OVERLOCK NEEDLE GUARD FRONT	OVERLOCK NEEDLE GUARD REAR	CHAINSTITCH NEEDLE GUARD FRONT	CHAINSTITCH NEEDLE GUARD REAR				
JJ3116GS-01M	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #11		
JJ3116GS-02M	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #11		
JJ3116GS-01H	3	5	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #14		
JJ3116GS-01H	5	5	57-415	57-418	57-419	57-420	57-421	57-535	DCx27 #14		
JJ3116GH-01H	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #14		
JJ3116GH-01H	5	5	57-415	57-418	57-419	57-420	57-421	57-535	DCx27 #14		
JJ3116GS-30M	3	4	57-415	57-418	57-419	57-420	57-421	57-533	DCx27 #14		
JJ3116GS-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)



マシン形式	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									
JJ3116GS-30M	5	5	57-186	57-2830-1	57-284	57-263	57-286	57-4660-1	57-561	57-412	57-414
JJ3116GE-03X	5	5	57-184	57-2660-1	57-267	57-268	57-271	57-5630-1	57-569	57-413	57-414
JJ3116GE-03X	5	6	57-174	57-2660-1	57-267	57-268	57-271	57-5630-1	57-569	57-413	57-414
JJ3116GE-03X	5	7	57-187	57-2660-1	57-267	57-268	57-271	57-5630-1	57-569	57-413	57-414
JJ3143GH-90M	3x2	4	57-177	57-2750-1	57-276	57-263	57-278	57-5820-1	57-561	57-412	57-414



マシン形式	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		
JJ3116GS-30M	5	5	57-415	57-418	57-419	57-420	57-421	57-535	DCx27 #14		
JJ3116GE-03X	5	5	57-416	57-418	57-419	57-420	57-421	57-534	DCx27 #21		
JJ3116GE-03X	5	6	57-416	57-418	57-419	57-420	57-421	57-534	DCx27 #21		
JJ3116GE-03X	5	7	57-416	57-418	57-419	57-420	57-421	57-534	DCx27 #21		
JJ3143GH-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	25-08	54-101	28-03	54-128	13-11	54-280	03-18	54-359	18-08	54-416	15-21	54-473	05-11	54-516	11-06	54-574	13-35	54-635	28-12	54-732	12-33	56-309
02-01	54-026	27-03	54-107	02-06	54-130	02-10	54-303	03-19	54-360	18-09	54-417	15-22	54-474	05-12	54-517	10-32	54-575	13-36	54-636	28-13	54-733	12-34	56-311
03-01	54-026	16-02	54-108	25-12	54-131	02-11	54-304	03-20	54-361	18-10	54-418	15-23	54-475	05-13	54-518	17-21	54-575	13-37	54-637	28-14	54-736	08-16	56-336
18-01	54-026	21-15	54-108	02-07	54-133	02-12	54-305	02-34	54-362	18-11	54-419	15-24	54-476	05-14	54-519	10-33	54-576	13-38	54-638	28-16	54-738	16-18	56-355
23-01	54-026	25-09	54-108	03-06	54-133	02-13	54-306	19-06	54-363	17-04	54-420	08-09	54-478	05-15	54-520	17-22	54-576	09-35	54-639	28-17	54-739	16-19	56-356
05-01	54-031	02-02	54-109	06-01	54-133	02-14	54-307	12-09	54-364	08-08	54-421	10-09	54-478	05-16	54-521	04-12	54-577	09-36	54-640	06-22	54-757	01-09	56-377
22-01	54-036	12-02	54-109	10-05	54-133	02-15	54-308	12-39	54-3640-1	17-05	54-422	24-06	54-479	05-17	54-522	10-34	54-578	11-19	54-641	06-17	54-7580-1	26-24	56-401
22-02	54-037	24-01	54-109	12-05	54-133	02-16	54-309	12-10	54-365	17-06	54-423	28-07	54-479	05-18	54-523	05-28	54-579	11-20	54-642	07-20	54-929	26-25	56-402
22-03	54-038	01-10	54-111	13-07	54-133	03-09	54-3100-1	12-11	54-366	17-07	54-424	07-22	54-480	05-19	54-524	05-29	54-580	11-21	54-643	12-26	54-931	26-26	56-403
22-04	54-039	10-02	54-111	15-03	54-133	03-30	54-3100-2	12-12	54-367	17-08	54-425	08-10	54-480	05-22	54-527	09-30	54-581	22-19	54-643	13-41	54-934	26-27	56-404
22-05	54-040	15-01	54-111	26-14	54-133	03-10	54-311	12-13	54-368	17-09	54-426	07-23	54-481	05-23	54-528	11-29	54-582	11-22	54-644	13-47	54-935	26-28	56-405
22-06	54-041	18-02	54-111	05-06	54-136	01-04	54-312	12-14	54-369	17-10	54-427	08-11	54-481	05-24	54-529	11-07	54-583	11-23	54-645	13-48	54-936	26-29	56-406
22-07	54-042	21-16	54-111	02-08	54-137	03-11	54-313	12-15	54-370	10-08	54-428	17-16	54-481	05-25	54-530	11-08	54-584	19-10	54-646	13-49	54-937	26-30	56-407
22-08	54-043	25-10	54-111	01-01	54-142	02-17	54-314	12-16	54-371	17-11	54-428	02-35	54-482	05-26	54-531	11-09	54-585	19-11	54-647	13-50	54-938	26-31	56-408
22-09	54-044	26-10	54-111	02-09	54-144	02-18	54-315	12-17	54-372	17-12	54-429	03-24	54-483	05-27	54-532	11-10	54-586	19-12	54-648	13-51	54-939	26-32	56-409
22-10	54-045	02-03	54-112	22-16	54-146	03-12	54-316	12-18	54-373	17-13	54-430	06-15	54-484	09-11	54-533	11-11	54-587	19-13	54-649	05-20	54-954	26-33	56-410
22-11	54-046	03-03	54-112	07-03	54-147	16-07	54-317	12-19	54-374	17-07	54-431	07-24	54-485	09-12	54-534	09-31	54-588	19-14	54-650	05-21	54-955	26-34	56-411
22-12	54-047	09-04	54-112	05-07	54-148	02-19	54-318	12-20	54-375	17-14	54-431	08-12	54-485	09-41	54-5340-1	09-32	54-589	19-15	54-651	05-32	54-956	26-35	56-412
22-13	54-048	10-03	54-112	12-06	54-149	04-01	54-320	12-21	54-376	17-15	54-432	07-25	54-486	09-13	54-535	05-30	54-590	13-39	54-652	06-04	54-964	26-36	56-413
13-02	54-051	11-01	54-112	13-08	54-149	04-02	54-321	12-22	54-377	18-12	54-433	08-13	54-486	09-14	54-536	11-12	54-591	13-40	54-653	06-14	54-9650-1	26-37	56-415
13-03	54-052	13-04	54-112	17-02	54-149	04-03	54-322	12-23	54-378	04-11	54-434	17-17	54-486	09-15	54-537	11-13	54-592	03-28	54-654	06-23	54-966	26-38	56-416
14-01	54-053	18-03	54-112	03-07	54-150	04-04	54-323	12-24	54-380	18-13	54-435	08-14	54-487	09-16	54-538	11-14	54-593	15-30	54-661	14-08	54-971	26-39	56-417
26-01	54-053	21-17	54-112	26-15	54-152	04-05	54-324	12-25	54-381	18-14	54-436	17-18	54-487	09-17	54-539	11-15	54-594	14-07	54-662	28-20	54-971	26-40	56-418
28-01	54-053	02-04	54-113	03-08	54-159	04-06	54-325	12-27	54-383	18-15	54-437	08-15	54-488	09-18	54-540	11-16	54-595	15-31	54-663	10-27	54-974	26-41	56-419
14-02	54-056	03-04	54-113	21-19	54-159	04-07	54-326	12-28	54-384	18-16	54-438	17-19	54-488	09-19	54-541	09-33	54-596	03-29	54-665	10-28	54-975	27-28	56-419
14-03	54-057	05-03	54-113	25-13	54-159	04-08	54-327	04-09	54-385	03-23	54-439	06-16	54-489	09-20	54-542	09-34	54-597	19-17	54-666	14-09	54-977	26-42	56-420
22-14	54-058	10-04	54-113	27-06	54-159	03-13	54-328	03-21	54-386	18-17	54-439	07-26	54-489	09-21	54-543	07-30	54-5990-1	13-44	54-667	28-22	54-977	26-43	56-421
09-01	54-060	11-02	54-113	10-06	54-160	03-14	54-329	03-22	54-387	23-02	54-439	16-16	54-490	09-22	54-544	08-19	54-5990-1	13-45	54-668	14-10	54-978	27-29	56-421
09-02	54-063	12-03	54-113	12-07	54-160	03-15	54-330	13-13	54-391	14-05	54-440	07-27	54-491	09-23	54-545	11-17	54-6000-1	13-46	54-670	28-18	54-978	26-44	56-422
26-02	54-068	13-05	54-113	14-04	54-160	03-16	54-331	07-05	54-392	14-06	54-441	07-28	54-492	09-24	54-546	24-10	54-606	11-24	54-672	14-11	54-9790-1	27-30	56-422
16-01	54-069	15-02	54-113	27-07	54-160	02-20	54-332	08-04	54-393	16-09	54-442	07-29	54-493	09-25	54-547	22-18	54-607	23-03	54-673	27-42	54-9790-1	26-45	56-423
22-15	54-070	16-03	54-113	26-16	54-161	02-21	54-333	07-06	54-394	16-10	54-443	12-29	54-494	09-26	54-548	24-11	54-607	23-04	54-674	28-15	54-9800-1	27-31	56-423
26-03	54-071	19-01	54-113	27-08	54-161	02-22	54-334	08-05	54-394	16-11	54-444	16-17	54-494	09-27	54-549	28-08	54-607	01-08	54-675	14-12	54-9810-1	26-46	56-424
03-02	54-073	21-18	54-113	26-17	54-162	02-23	54-335	08-06	54-395	16-12	54-445	18-18	54-494	09-28	54-550	24-12	54-608	02-39	54-677	27-43	54-9810-1	26-47	56-425
28-02	54-074	25-11	54-113	17-03	54-163	02-24	54-336	07-33	54-396	16-13	54-446	24-07	54-494	09-29	54-552	10-35	54-6090-1	24-13	54-681	12-31	56-014	26-48	56-428
26-04	54-075	05-04	54-114	09-07	54-165	02-25	54-337	08-21	54-396	16-14	54-447	26-52	54-494	10-10	54-553	13-15	54-6100-1	26-19	54-6830-2	14-13	56-035	27-32	56-428
27-01	54-075	11-03	54-114	09-08	54-168	02-26	54-338	07-07	54-397	28-06	54-447	02-36	54-495	10-11	54-554	13-16	54-611	26-20	54-684	06-18	56-044	26-49	56-446
09-03	54-078	16-04	54-114	09-09	54-170	02-27	54-339	08-07	54-397	16-15	54-448	15-25	54-496	10-12	54-555	13-17	54-612	26-21	54-6850-1	07-31	56-127	26-50	56-447
21-12	54-078	19-02	54-114	26-18	54-170	02-28	54-340	04-10	54-398	15-06	54-449	15-26	54-497	10-13	54-556	13-18	54-613	26-22	54-686	27-27	56-253	27-33	56-472
25-01	54-078	26-11	54-115	27-09	54-170	02-29	54-341	16-08	54-398	15-07	54-450	24-08	54-497	10-14	54-5570-1	13-19	54-614	27-11	54-686	26-23	56-266	27-34	56-473
10-01	54-079	03-05	54-117	19-04	54-171	02-30	54-342	07-08	54-399	15-08	54-451	27-10	54-497	10-15	54-558	13-20	54-615	27-12	54-687	14-14	56-268	27-35	56-474
12-01	54-079	07-01	54-119	01-02	54-172	02-31	54-343	07-09	54-4000-1	15-09	54-452	02-37	54-498	10-16	54-559	13-21	54-616	27-13	54-6880-2	28-19	56-268	27-36	56-475
17-01	54-079	08-01	54-119	13-09	54-180	19-18	54-343	07-10	54-401	15-10	54-453	15-27	54-499	10-17	54-560	13-22	54-617	27-14	54-689	14-15	56-270	27-37	56-476
25-02	54-079	27-04	54-119	22-17	54-180	03-17	54-344	07-11	54-402	15-11	54-454	03-25	54-500	10-18	54-561	13-23	54-618	27-15	54-691	28-21	56-270	27-38	56-477
26-05	54-080	02-05	54-121	09-10	54-182	06-05	54-345	07-12	54-403	24-04	54-455	13-14	54-500	10-19	54-562	13-24	54-619	27-16	54-6920-1	06-19	56-293	27-39	56-478
26-06	54-082	09-05	54-121	13-10	54-182	06-06	54-346	07-13	54-404	15-12	54-456	15-28	54-501	10-20	54-563	13-25	54-620	27-17	54-693	09-37	56-293	27-40	56-479
21-13	54-084	11-04	54-121	15-04	54-182	06-07	54-347	07-14	54-405	15-13	54-457	15-29	54-502	10-21	54-564	13-26	54-621	27-18	54-6940-1	11-25			

INDEX 2

REF. NO.	PART NO. 品番
25-22	56-713
25-23	56-715
25-24	56-716
25-25	56-717
25-26	56-7200-1
23-05	56-741
15-32	56-765
15-33	56-766
15-34	56-767
15-35	56-768
13-42	56-771
01-11	56-811
13-43	56-817
19-16	56-817
11-28	56-854
22-20	56-902
22-21	56-906
22-22	56-907
22-23	56-9100-1
22-24	56-912
20-01	56-913
20-02	56-914
20-03	56-915
20-04	56-916
23-06	56-917
26-51	56-918
22-25	56-951
22-26	56-952
22-27	56-953
22-28	56-954
21-01	56-9550-1
21-02	56-9560-1
21-03	56-957
25-27	56-957
21-04	56-958
25-28	56-958
21-05	56-959
21-06	56-960
21-07	56-961
21-08	56-962
25-29	56-962
21-09	56-963
25-30	56-963
21-10	56-964
25-31	56-964
21-11	56-965
25-32	56-965
22-29	56-966
24-14	57-462
12-35	57-548
12-36	57-549
12-37	57-561
12-38	57-562
24-15	57-570
26-53	57-570

MEMO

[illegible]

INSTRUCTION

JJ **SERIES**

Industrial Sewing Machines

JJ30

JJ31

Third published: November 2019

No.KX19011

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.

JJ series

CONTENTS

1. NEEDLES & THREADING

- 1-1 Needles 1
- 1-2 Needle replacement 1
- 1-3 Correct threading the machine 2

2. MACHINE SPEED

- 2-1 Machine speed & operating direction 6
- 2-2 Motor & belt 6

3. LUBRICATION

- 3-1 Oil specification 7
- 3-2 Oiling 7
- 3-3 Oil & filter replacement 7
- 3-4 Oiling respective parts 8
- 3-5 Oiling HR device 8

4. INSTALLATION

- 4-1 Table diagram 9
- 4-2 Installation process 11

5. NEEDLE BAR HEIGHT ADJUSTMENT

- 5-1 Initial needle bar height 12
- 5-2 Needle bar height adjustment 12

6. CLEARANCE OF LOWER LOOPER & NEEDLE

- 6-1 Lower looper gauge 13
- 6-2 Clearance between lower looper and needle 13

7. UPPER LOOPER ADJUSTMENT

- 7-1 Gauge of upper looper and needle 14
- 7-2 looper relation 14

8. DOUBLE CHAIN LOOPER ADJUSTMENT

- 8-1 Double chain looper gauge 15
- 8-2 Clearance between double chain looper and needle 15

9. FEED DOG & STITCH LENGTH ADJUSTMENT

- 9-1 Feed dog height adjustment 16
- 9-2 Feed dog inclination adjustment 16
- 9-3 Stitch length adjustment 17
- 9-4 Differential feed dog adjustment 17

10. PRESSER FOOT ADJUSTMENT

- 10-1 Presser foot pressure adjustment 18
- 10-2 Position & maximum lift height 18

11. STITCH FORMATION ADJUSTMENT

- 11-1 Thread tension adjustment 19
- 11-2 The needle thread take-up & thread eyelet (adjustment) 19
- 11-3 Looper thread take up adjustment 21
- 11-4 Double chain looper thread take-up 22

12. UPPER & LOWER CUTTER ADJUSTMENT

- 12-1 Correct knife position 23
- 12-2 Lower cutter sharpening 23

13. NEEDLE GUARD ADJUSTMENT 24

14. STANDARD MEASUREMENT TABLE 25

【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

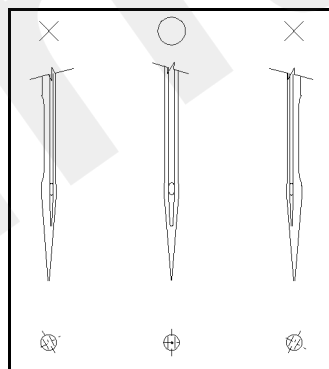
	Schumetz B-27	Organ DC×27
JJ3004(G)S-01M	Nm65	#9
JJ3004(G)S-20F	Nm75	#11
JJ3004(G)S-50M	Nm65	#9
JJ3005(G)S-10M	Nm65	#9
JJ3014(G)H-01M	Nm65	#9
JJ3014(G)H-40M	Nm65	#9
JJ3014(G)H-50M	Nm65	#9
JJ3014GE-01H	Nm75	#11
JJ3014GE-60HK	Nm110	#18
JJ3116(G)S-01M	Nm75	#11
JJ3116(G)S-02M	Nm75	#11
JJ3116(G)S-01H	Nm90	#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.



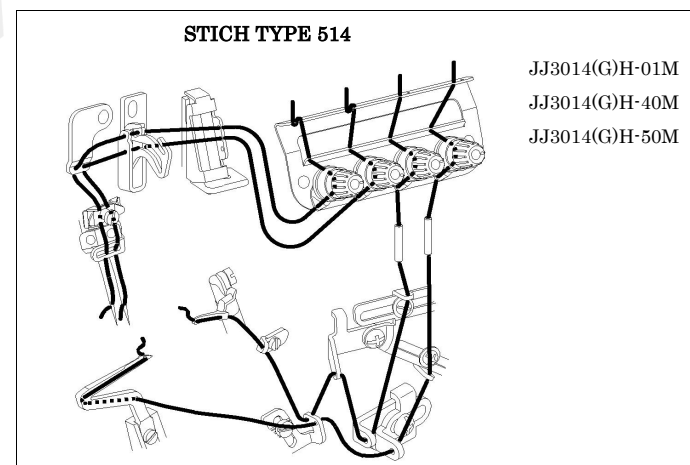
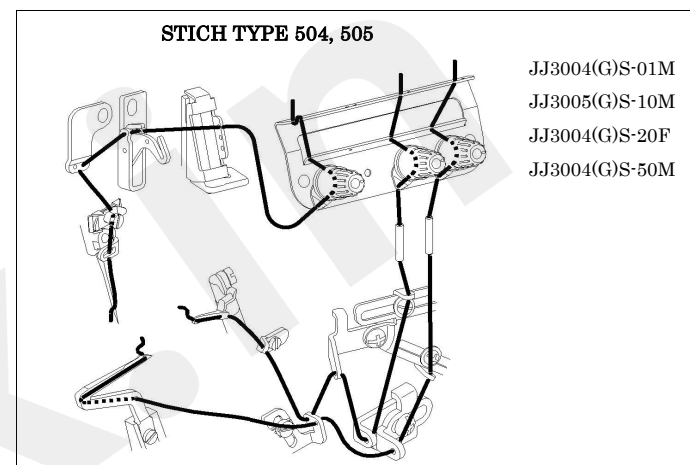
1-3 Correct threading the machine

Thread the machine correctly by referring to the illustrations below.

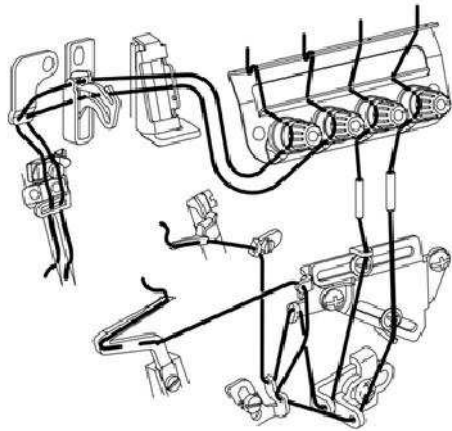
Incorrect threading causes skipped stitch, thread breakage, and uneven stitch formation.

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

Turn to the page 11 for further information.

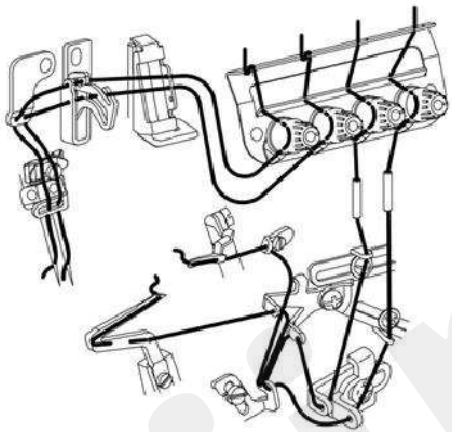


STICH TYPE 514



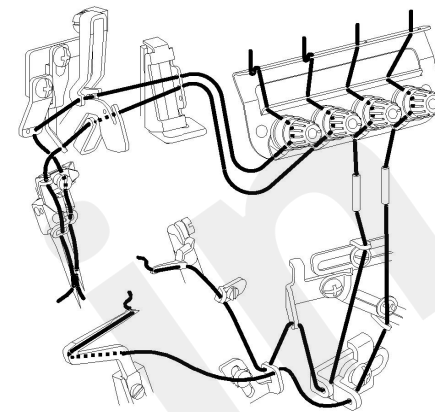
JJ3014GE-01H

STICH TYPE 514

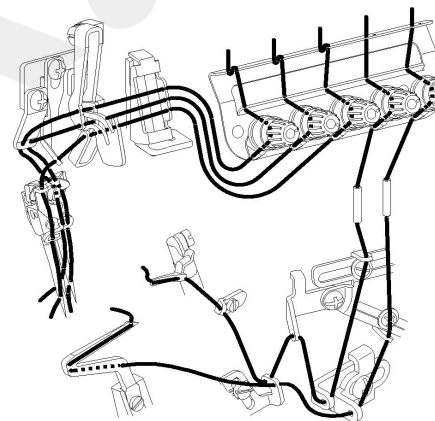


JJ3014GE-60HK

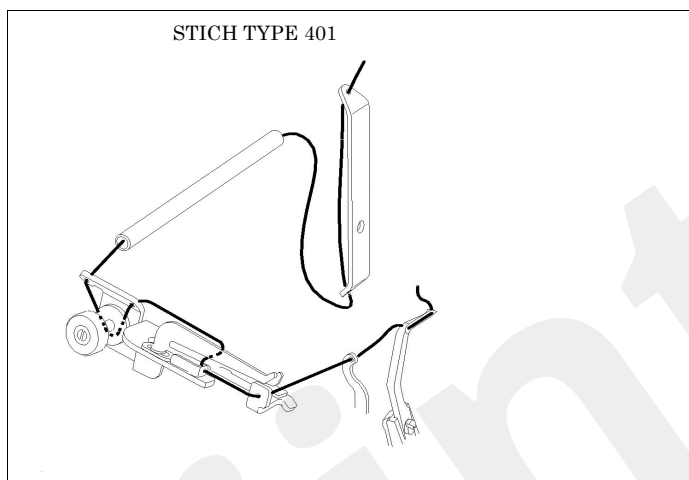
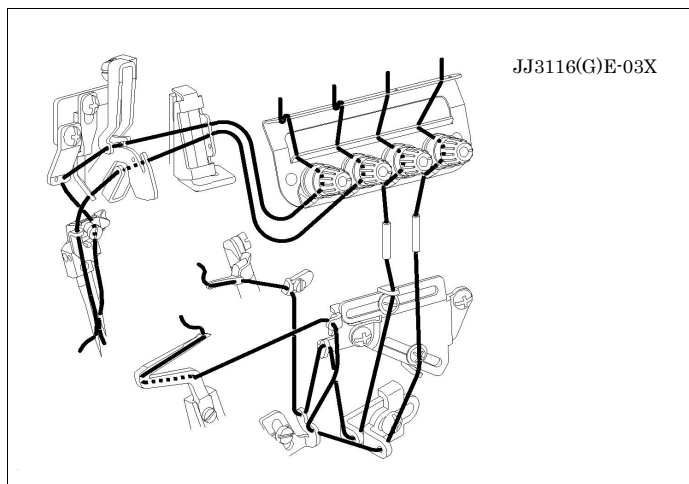
STICH TYPE 516



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



JJ3143(G)H-90M

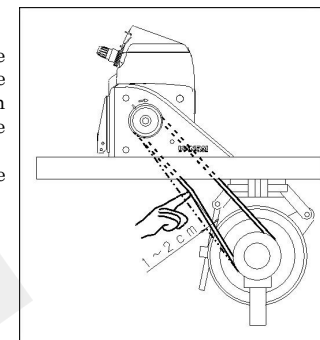


【2】 MACHINE SPEED

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	8500rpm	7500rpm
JJ3014(G)H JJ3116(G)S	7500rpm	6500rpm
JJ3014GE	6500rpm	5500rpm
JJ3116(G)S-30M JJ3116(G)H-01H	7000rpm	6000rpm
JJ3116(G)E-03X	6500rpm	5500rpm
JJ3143(G)H	7000rpm	6000rpm

< Motor pulley >

Motor pulley Outer diameter (mm)	Machine speed (rpm)	
	50Hz	60Hz
80	4200	5000
90	4700	5700
100	5200	6300
110	5800	6900
120	6300	7500

【3】 LUBRICATION

3-1 Oil specification

Kansai Special's genuine oil is highly recommended.

(Parts number 54-045 : 700cc)

3-2 Oiling

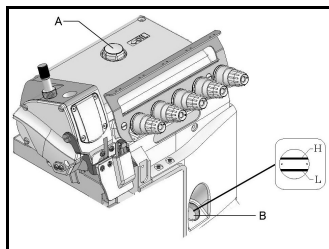
■ Lubrication

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

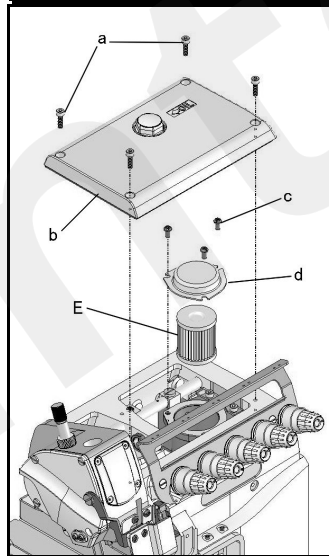
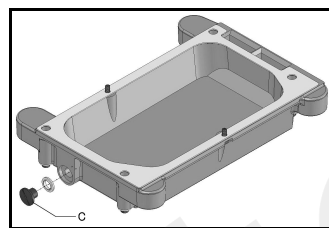
When the lubrication is over, run the machine to check for oil splashing in the window A.



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.

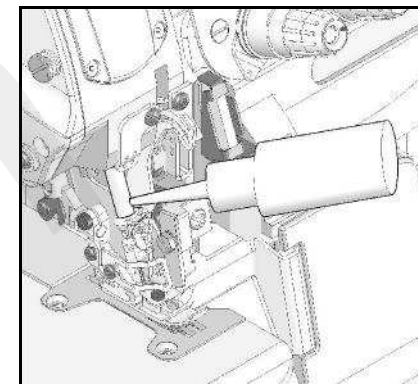
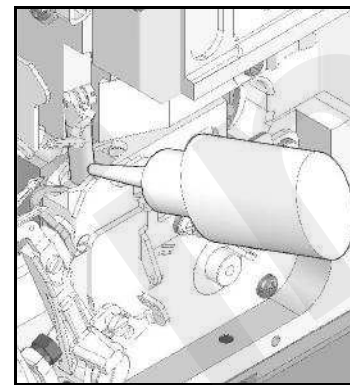


If filter E is dirty, the machine is not lubricated properly. Normally, it has to replace every 6 month. Check for proper function of the lubrication system and maintain the proper amount and type of oil periodically. In order to replace the filter E, loosen all the necessary screws (a ~ d).

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

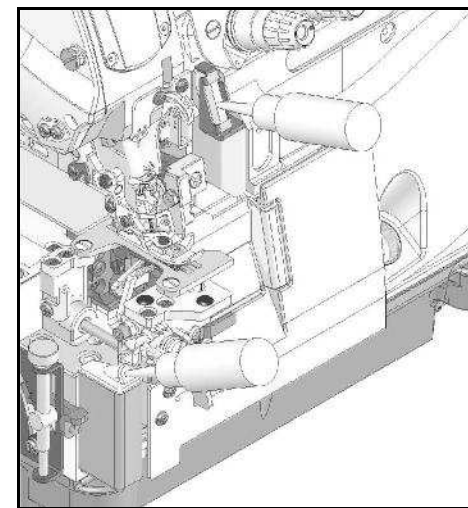
■ Oil in use

■ 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.

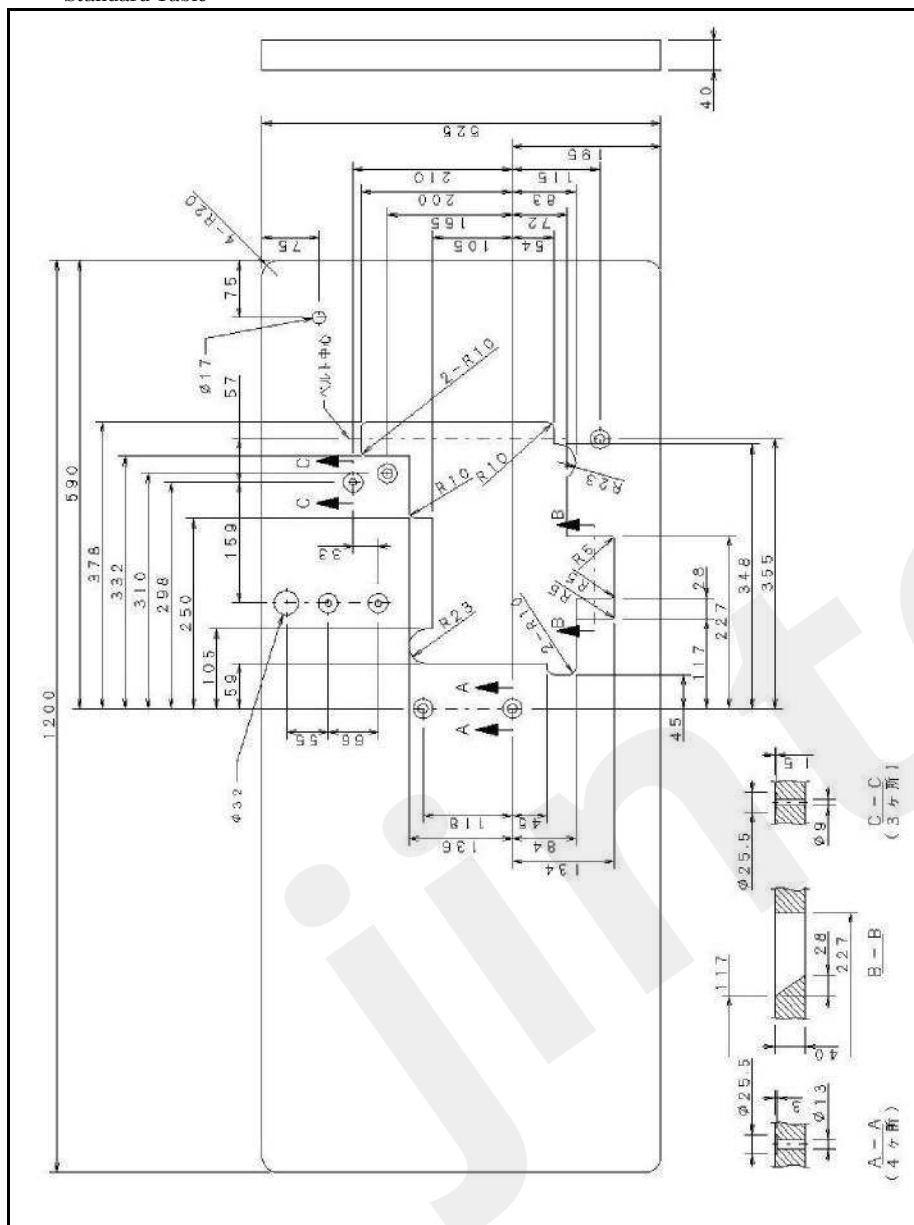
Periodical oil reservoir check is essential to prevent needle thread breakage and fabric damage.



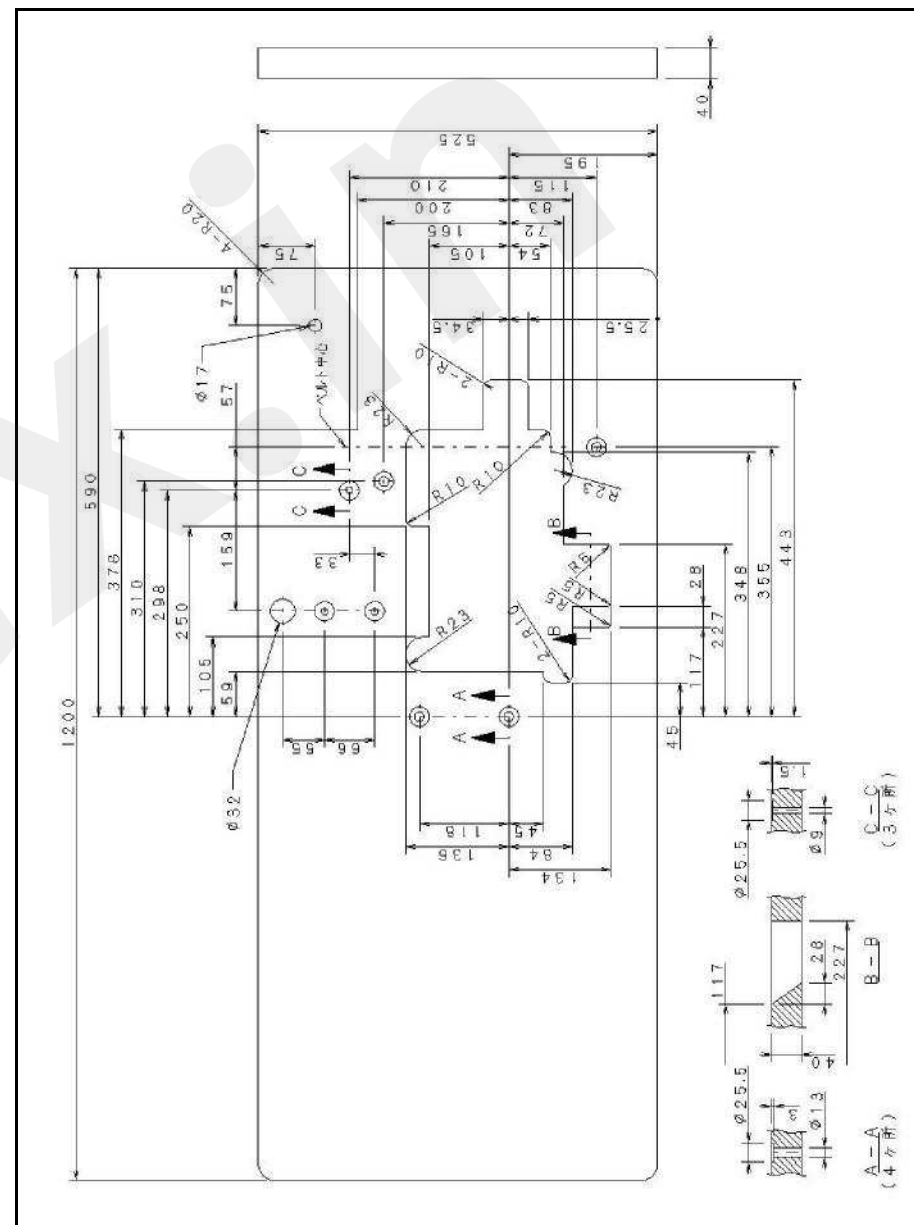
【4】INSTALLATION

4-1 Table diagram

Standard Table

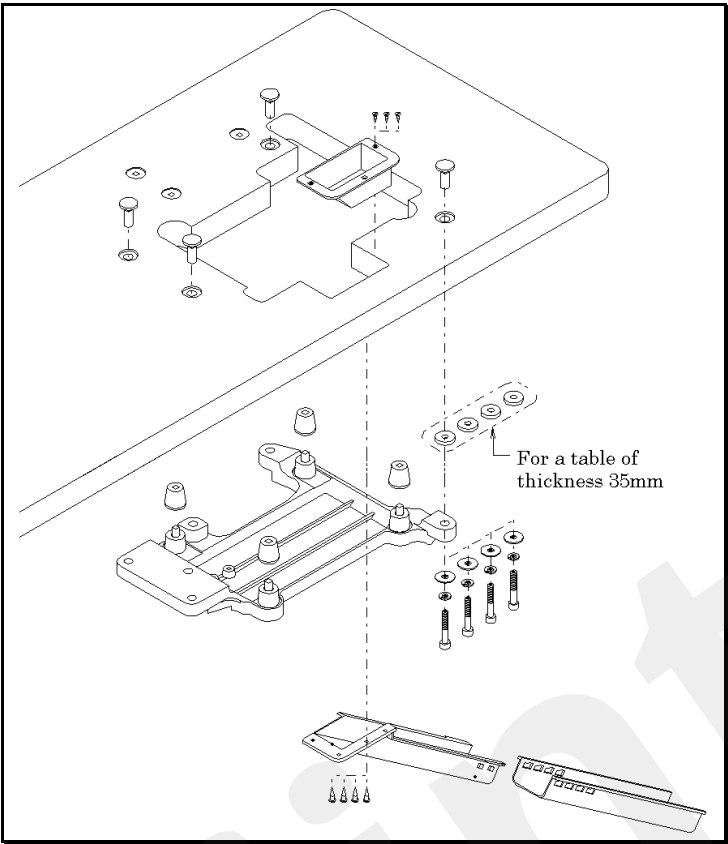


For direct motor



4-2 Installation process

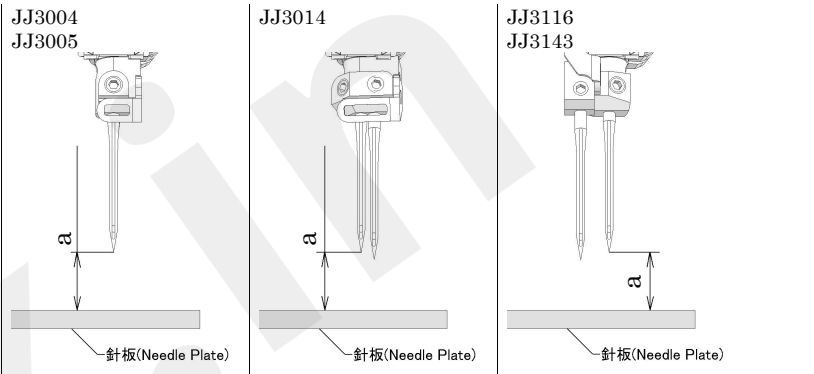
Refer to the illustration below.
Install the frame support plate underneath the table. Fit the rubber cushions onto the frame support plate. Mount the machine head on the rubber cushions correctly.



【 5】 NEEDLE BAR HEIGHT ADJUSTMENT

5-1 Initial needle bar height

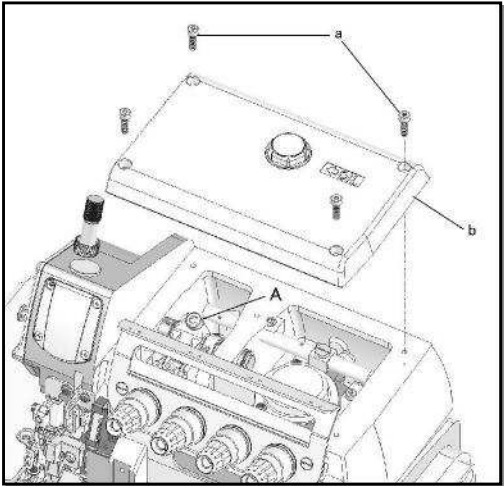
Initial needle bar height is set by the height between the needle plate and the tip of the center needle when the needle bar is at its highest position of travel.
Refer to the illustration below.



Model name	a(mm)
JJ3004GS,JJ3005GS	10.5
JJ3014GH	10.5
JJ3014GE	11.9
JJ3116GS,JJ3116GH	10.5
JJ3143GH	10.5
JJ3116GE	11.9

5-2 Needle bar height adjustment

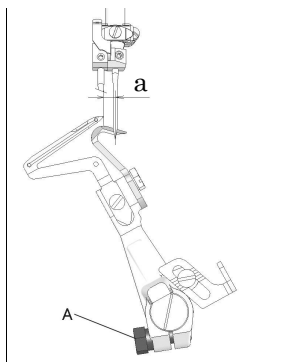
To make this adjustment, loosen screw “a” and take out top cover “b”.
Loosen screw A and move needle bar up or down as required.



【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



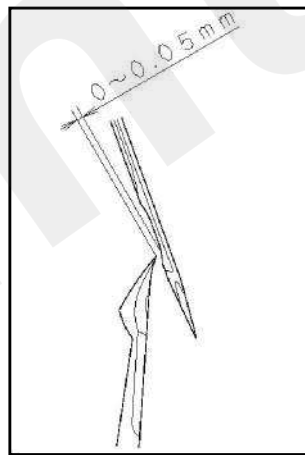
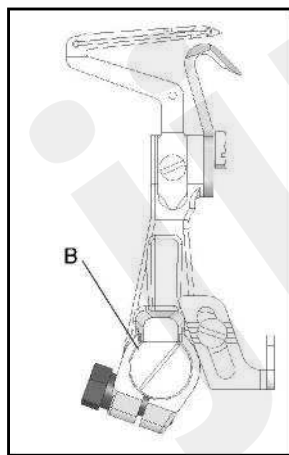
Model name	a(mm)
JJ3004GS,JJ3005GS	3.8
JJ3014GH	3.8
JJ3014GE-01H	4.2
JJ3014GE-60HK	4.0
JJ3116GS,JJ3116GH	3.8
JJ3143GH	3.8
JJ3116GE	4.2

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 >

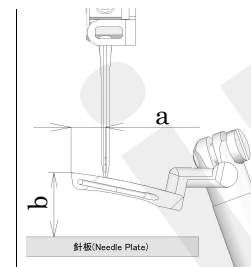
Care should be taken not to disturb the distance between the lower looper and the needle when the lower looper holder is moving.



【7】 UPPER LOOPER ADJUSTMENT

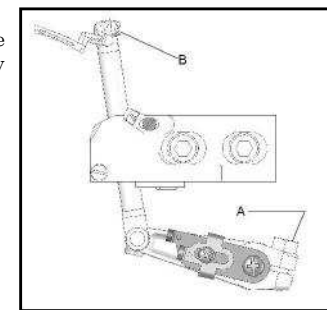
7-1 Gauge of upper looper and needle

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.



Model name	a(mm)	b(mm)
JJ3004GS,JJ3005GS	4.4~4.7	10.8
JJ3014GH	5.4~5.7	10.5
JJ3014GE-01H	5.4~5.7	11
JJ3014GE-60HK	5.4~5.7	11.8
JJ3116GS,JJ3116GH	4.4~4.7	10.8
JJ3143GH	5.4~5.7	10.5
JJ3116GE	4.4~4.7	12

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

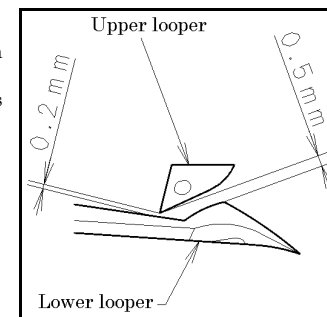


7-2 looper relation (upper to lower)

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.



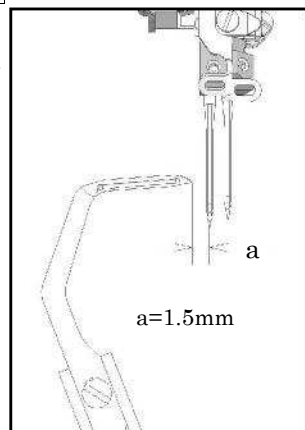
【8】DOUBLE CHAIN LOOPER ADJUSTMENT

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>

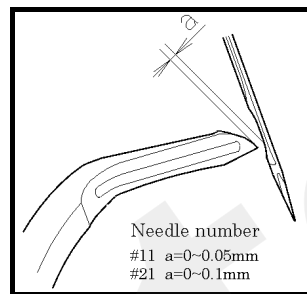
Looper gauge "a" for JJ3116(G)E-03X is 1.7mm



8-2 Clearance between Double chain looper and needle

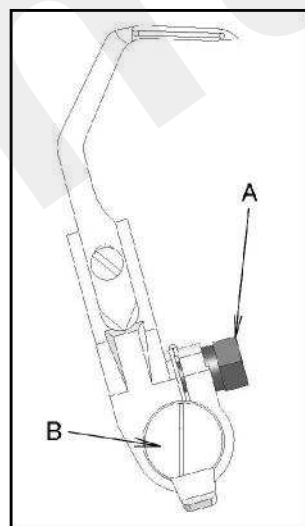
Bring the point of the double chain looper to the center of the double chain needle to have them allow certain amount of clearance. Different needle number requires different clearance so give clearance accordingly.

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.



【9】FEED DOG & STITCH LENGTH ADJUSTMENT

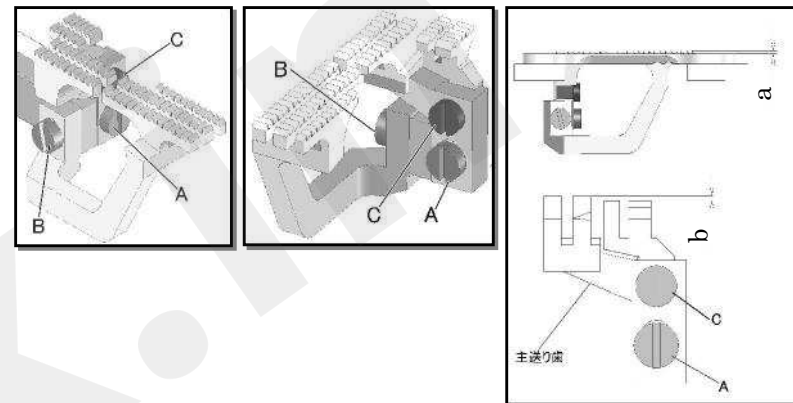
-1 Feed dog height adjustment

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.

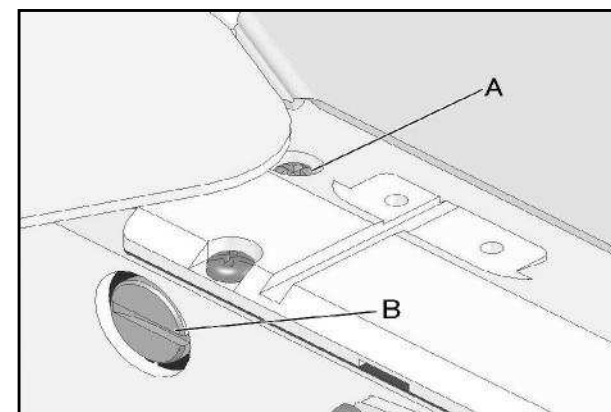
The support feed dog should be set to rise 0.5mm(b) lower than the main feed dog should.

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



9-2 Feed dog inclination adjustment

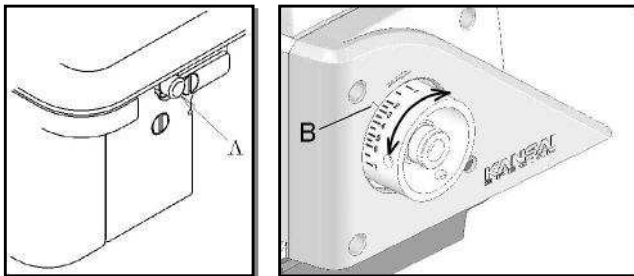
Uncover the cloth plate and loosen the screw A and then put a screw driver into the washer B and push it either upward or downward. Rotating the washer B clockwise brings the front of the feed dog down and vice versa.



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.

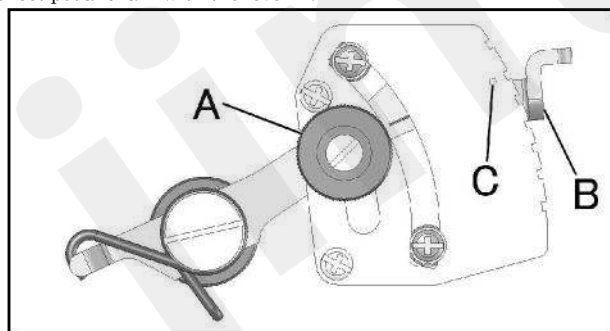
Bring the lever B at spot C makes the ratio of the main feed dog and the differential feed dog 1 to 1.

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 >

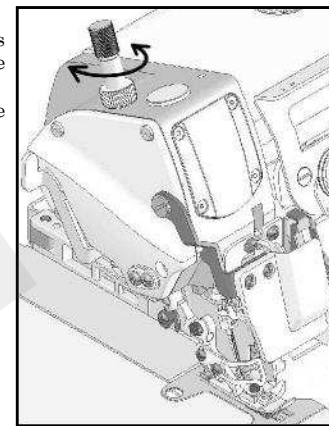
When applying a stretching ratio, be sure that the differential feed dog is in the right position.

【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.)



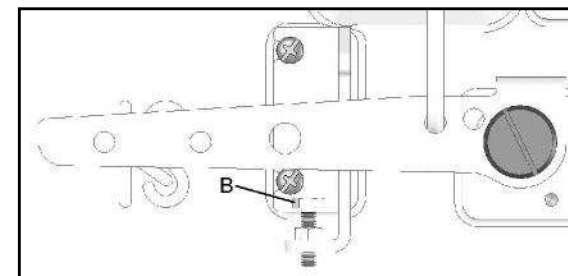
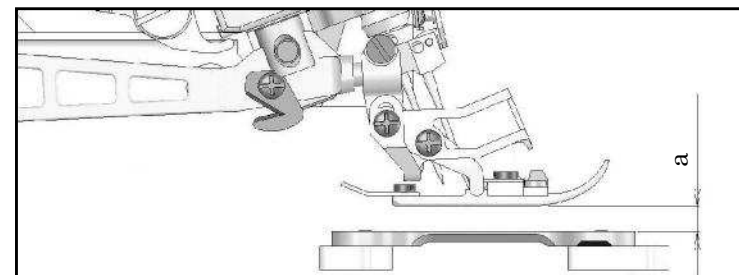
10-2 Position and maximum lift height

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.

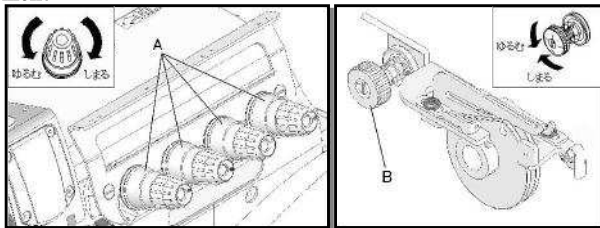
Set the proper height of the foot lift stopper B to hold the presser foot.



【11】 STICH FORMATION ADJUSTMENT

11-1 Thread tension adjustment

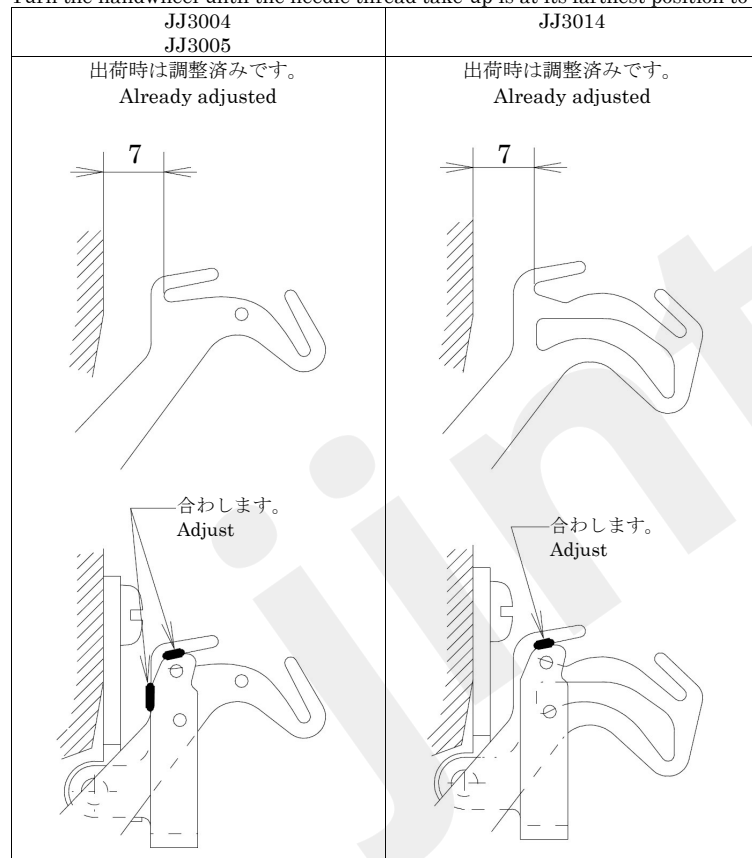
Thread tension varies according to sewing conditions such as kinds of fabrics, threads, sewing width, and stitch length. Adjust thread tension by the thread tension release lever on the top cover and the double chain under thread tension release lever at the left cover. Rotate them clockwise to tighten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



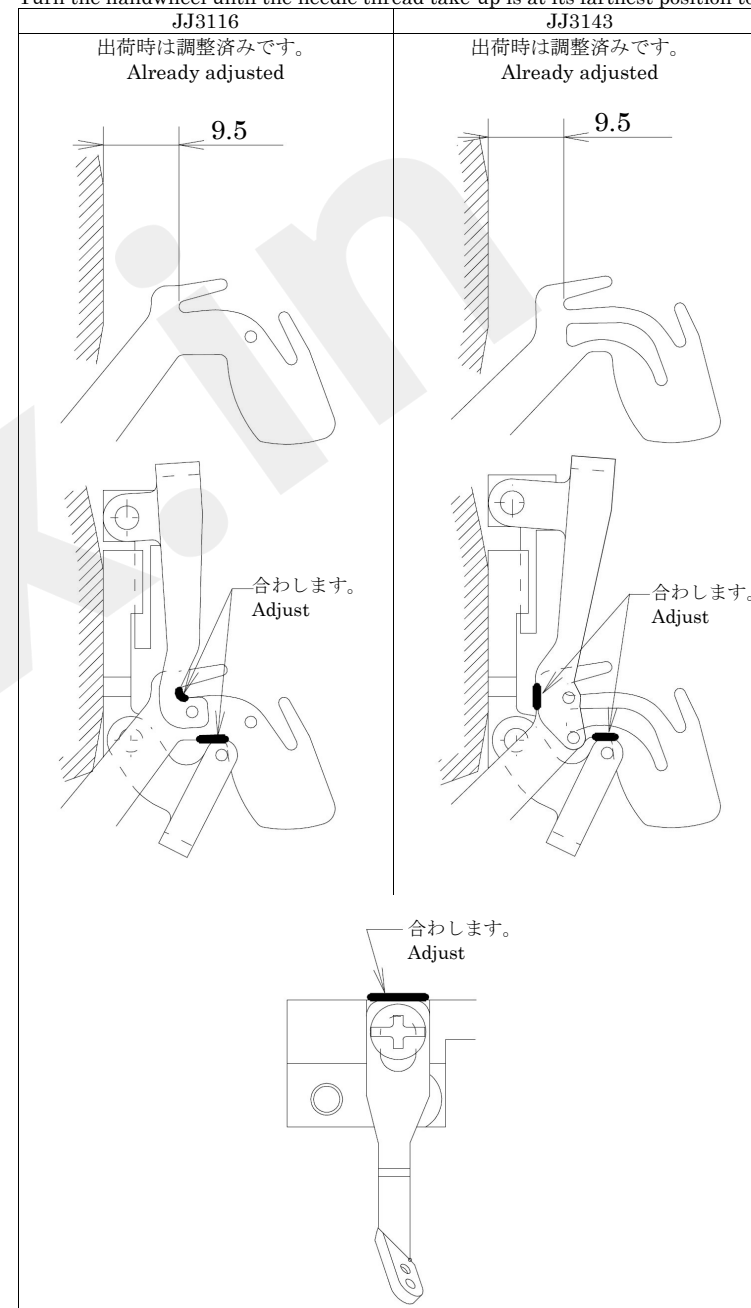
11-2 The needle thread take-up & thread eyelet adjustment

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

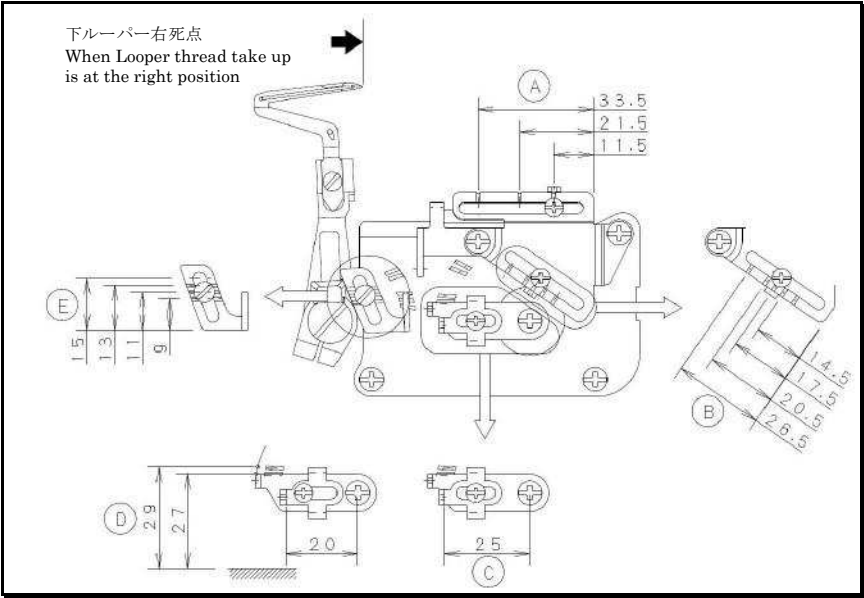
Turn the handwheel until the needle thread take-up is at its farthest position to the front.



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



11-3 Loooper thread take up adjustment

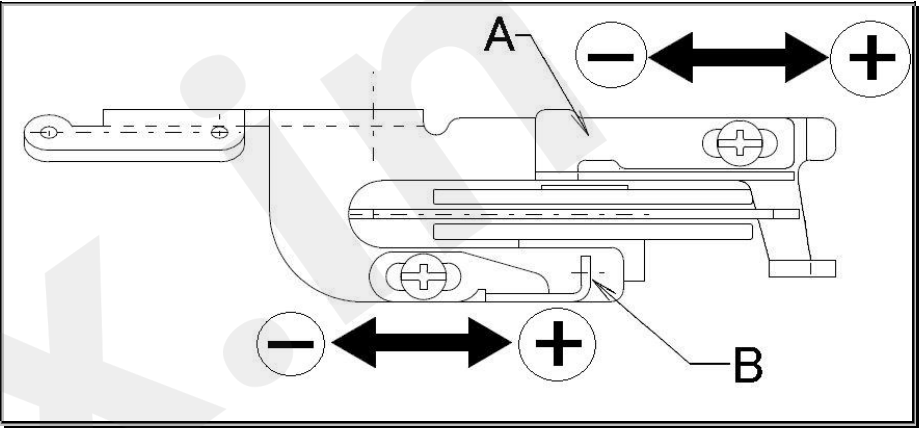


	JJ3004(G)S-01M JJ3004(G)S-20F JJ3005(G)S-10M JJ3004(G)S-50M	JJ3014(G)H-01M JJ3014(G)H-40M JJ3014(G)H-50M JJ3014GE-01H JJ3014GE-60HK	JJ3116(G)S-01M JJ3116(G)S-02M JJ3116(G)S-01H JJ3116(G)S-30M JJ3116(G)H-01H	JJ3116(G)E-03X	JJ3143(G)H-90M
A	11.5	21.5	21.5	21.5	21.5
B	17.5	14.5	17.5	17.5	14.5
C	20	20	20	20	25
D	29	29	29	29	29
E	11	13	15	13	11

11-4 Double chain looper thread take-up

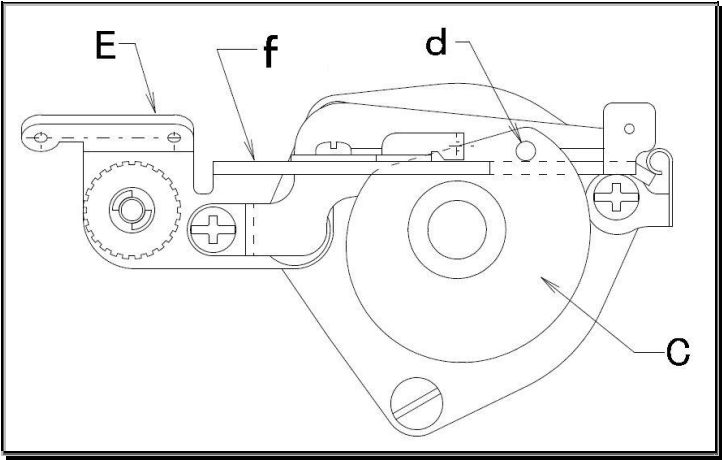
The amount of double chain looper thread , adjust by thread eyelet A and B.

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

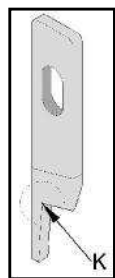
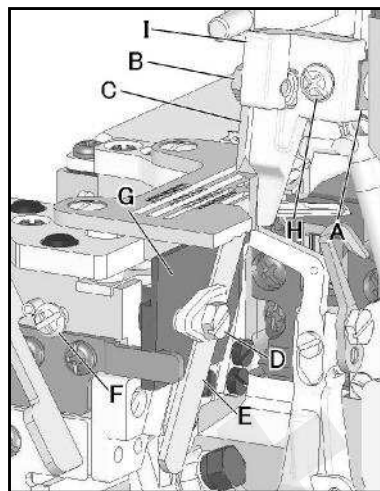
There should be 0mm of clearance between the surface of the needle plate and the edge of the lower knife E by loosening the screw D

■ Sewing width adjustment

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

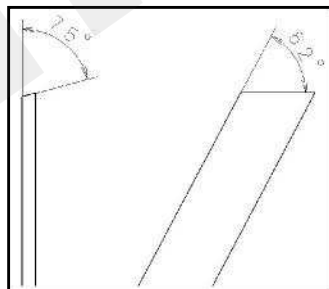
2. After loosening the screw H, adjust the sewing width by moving the upper knife folder to the desired position. Do not forget to re-tighten the screw H securely after adjustment is made.

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

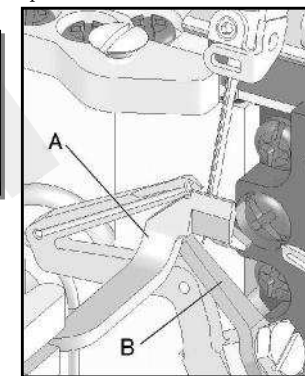
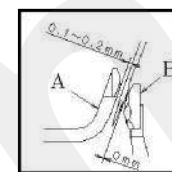
The upper knife is made of super hard compound metals. When the knife gets blunt and cannot cut clean, it needs to be sharpened like the illustration on the right. When sharpening doesn't work anymore, replace the knife with a genuine Kansai Special's upper knife.



【13】 NEEDLE GUARD ADJUSTMENT

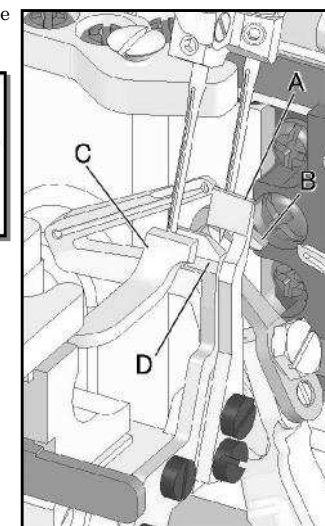
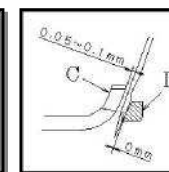
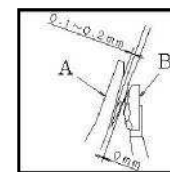
■ Overlock

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.



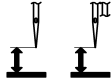
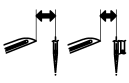
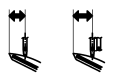
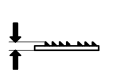
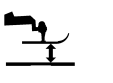
■ Interlock

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			5.4~5.7	0.8	5.5
JJ3005(G)S-10M					
JJ3014(G)H-01M					
JJ3014(G)H-40M					
JJ3014(G)H-50M					
JJ3014GE-01H	11.9	4.2	5.4~5.7	1.0	7
JJ3014GE-60HK		4.0			

< 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	1.5
JJ3116(G)S-30M(P)						
JJ3116(G)H-01H	11.9	4.2	5.4~5.7	1.1	7	1.7
JJ3116(G)E-03X					7	1.7
JJ3143(G)H-90M	10.5	3.8	5.4~5.7	0.8	5.5	1.5

株式会社 森本製作所

本社 〒575-0001 大阪府四条畷市砂 一丁目 4 番 17 号 TEL: 072-877-1221 FAX: 072-878-9649

MORIMOTO MFG. CO., LTD.



1-4-17, SUNA, SHIJONAWATE-CITY, OSAKA 575-0001, JAPAN

TEL: +81-72-877-1221 FAX: +81-72-878-9649 E-MAIL: hqeigyo@kansai-special.com URL: www.kansai-special.com

FOREIGN AFFILIATED COMPANIES

KANSAI SPECIAL AMERICAN MACHINE CORP.

476 HAMPSHIRE DR., GAFFNEY, SC 29340. USA

E-MAIL: ksam@kansaispecial.net

KANSAI SPECIAL EUROPE GMBH

QUIRINSTR. 19, 40545 DUSSELDORF, GERMANY

TEL: +49-211-577-9090 FAX: +49-211-558-1477 E-MAIL: contact@kansai-special.de

MORIMOTO SINGAPORE PTE LTD.

NO.51 PENJURU ROAD #02-02 SINGAPORE 609143

TEL: +65-6334-1305 FAX: +65-6334-1365 E-MAIL: info@kansaispecial.com.sg

MORIMOTO INDIA LIAISON OFFICE

NO.11 SENTHILL NAGAR, PERRIYAR COLONY, AVINASHI ROAD, TIRUPUR, INDIA 641601

TEL: +91-421-4248229 FAX: +91-421-4286600 Tech Support TEL: +91-770-8300100

E-MAIL: india@kansaispecial.com.sg

MORIMOTO BANGLADESH LIAISON OFFICE

FLAT #2/B.HOUSE #16, ROAD#13, SECTOR#04 UTTARA, DHAKA-1230 BANGLADESH

TEL: +88-02-8931702 FAX: +88-02-8931704 E-MAIL: bangladesh@kansaispecial.com.sg

KANSAI (SHANG HAI) INDUSTRIAL SEWING MACHINE CO., LTD

NO.55 LANE835, JIAXIN ROAD, MALU TOWN, JIADING DISTRICT, SHANGHAI 201818, CHINA

TEL: +86-21-5990-1798 FAX: +86-21-5990-1538 E-MAIL: kansaish@spe.sina.net