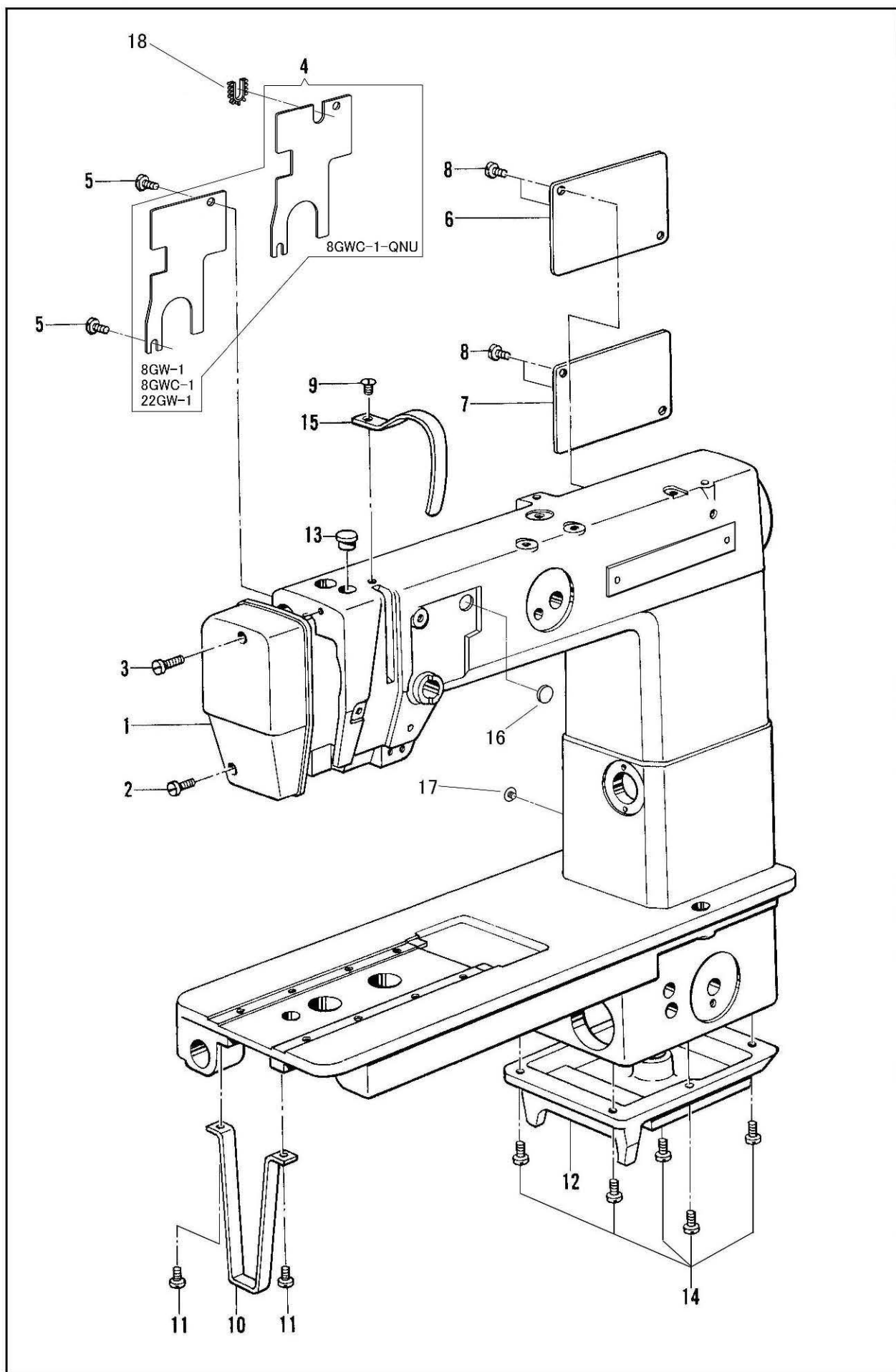


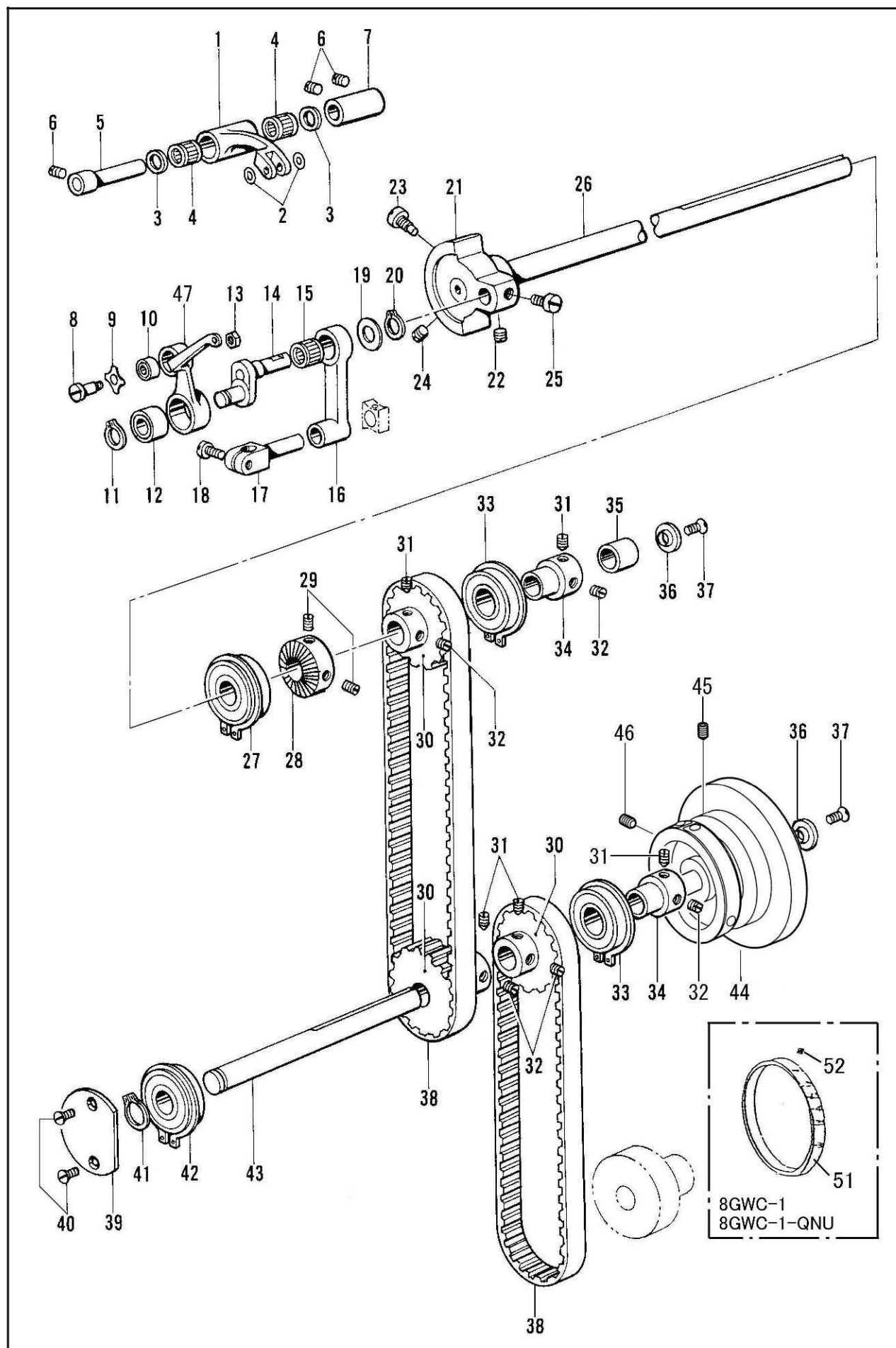
主体関係/ Machine body



37 /Machine body

#	PARTS #	8GW-1	8GWC-1	8GWC-1-ONU	22GW-1	QTY	Part Name	DESCRIPTION
1	37007	*	*	*	*	1	Face Plate	FACE PLATE
2	33006	*	*	*	*	1	SCREW M5X0.8 L=25	SCREW M5X0.8 L=25
3	37009	*	*	*	*	1	SCREW M5X0.8 L=16	SCREW M5X0.8 L=16
4	37010	*	*	*	*	1	ARM COVER PLATE (F)	ARM COVER PLATE (F)
4	37752	-	-	*	-	1	ARM COVER PLATE (F)	ARM COVER PLATE (F)
5	33007	*	*	*	*	2	SCREW M5X0.8 L=8	SCREW M5X0.8 L=8
6	37012	*	*	*	*	1	ARM COVER PLATE (R)	ARM COVER PLATE (R)
7	37012	*	*	*	*	1	COVER PLATE	COVER PLATE
8	8040	*	*	*	*	4	SCREW 9/64X40 L=8	SCREW 9/64X40 L=8
9	33008	*	*	*	*	1	SCREW M5X0.8 L=8	SCREW M5X0.8 L=8
10	37294	*	*	*	*	1	BED SUPPORT PLATE	BED SUPPORT PLATE
11	33029	*	*	*	*	2	SCREW SM15/64X28@L=10	SCREW SM15/64X28@L=10
12	37295	*	*	*	*	1	OIL TANK	OIL TANK
13	37016-A	*	*	*	*	3	RUBBER CAP	RUBBER CAP
14	37136	*	*	*	*	1	SCREW M5X0.8 L=10	SCREW M5X0.8 L=10
15	33005	*	*	*	*	1	THREAD TAKE-UP@COVER	THREAD TAKE-UP@COVER
16	37378	*	-	-	*	1	RUBBER CUP	RUBBER CUP
17	30046	*	*	*	*	1	SCREW M4X0.7 L=4	SCREW M4X0.7 L=4
18	37754	-	-	*	-	1	BUSH	BUSH

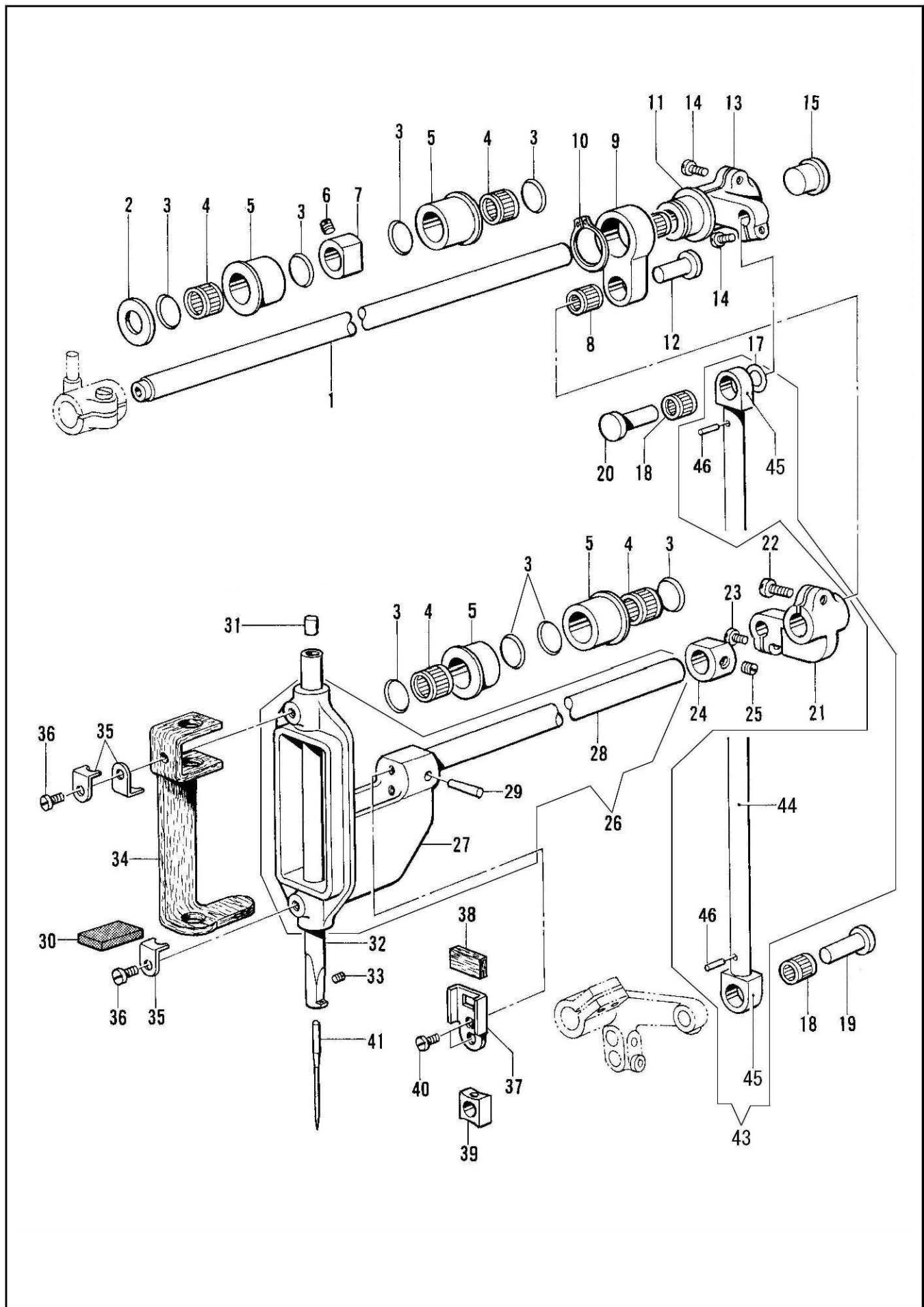
上軸・天秤関係/Arm shaft and thread take-up mechanism



Part /Arm shaft and thread take-up mechanism

#	PARTS #	8GW-1	8GWC-1	8GWC-1-ONU	22GW-1	QTY	DESCRIPTION
1	37048	*	*	*	*	1	THREAD@TAKE-UP@SUPPORT
2	37051	*	*	*	*	2	THREAD@TAKE-UP@WASHER
3	37052	*	*	*	*	2	THREAD@TAKE-UP@SUPPORT@RING
4	33021	*	*	*	*	2	NEEDLE@BEARING
5	37054	*	*	*	*	1	THREAD@TAKE-UP@PIN
6	33022	*	*	*	*	3	SET@SCREW@M5X0.8@L=8
7	37056	*	*	*	*	1	THREAD@TAKE-UP@PIN@BUSH
8	37049	*	*	*	*	1	STUD@SCREW@M4
9	37050	*	*	*	*	1	SPRING@WASHER
10	33019	*	*	*	*	1	BEARING@(SMALL)
11	33023	*	*	*	*	1	STOP@RING@(C)
12	33020	*	*	*	*	1	BEARING@(LARGE)
13	37045	*	*	*	*	1	COLLAR
14	37057	*	*	*	*	1	TAKE-UP@LEVER@CLANK
15	33154	*	*	*	*	1	NEEDLE@BEARING
16	37059	*	*	*	*	1	NEEDLE@BAR@CLANK
17	37063	*	*	*	*	1	NEEDLE@BAR@CLAMP
18	37064	*	*	*	*	1	SCREW@M4X0.7@L=10
19	37061	*	*	*	*	1	WASHER
20	33024	*	*	*	*	1	STOP@RING
21	37021	*	*	*	*	1	CRANK@MOTION@CAM
22	37070	*	*	*	*	1	SET@SCREW@M6X1@L=7
23	33145	*	*	*	*	1	SCREW@9/32X28
24	33146	*	*	*	*	1	SET@SCREW@9/32X28@L=19
25	37136	*	*	*	*	2	SCREW@M5X0.8@L=10
26	33012	*	*	*	*	1	UPPER@SHAFT
27	11031	*	*	*	*	1	BEARING
28	37022	*	*	*	*	1	COLLAR
29	100443	*	*	*	*	2	SET@SCREW@15/64X28
30	37023	*	*	*	*	3	UPPER@BELT@PULLEY
31	37027	*	*	*	*	5	SET@SCREW@M6X1@L=8
32	37026	*	*	*	*	5	SET@SCREW@M6X1@L=8
33	20069	*	*	*	*	2	BEARING
34	37025	*	*	*	*	2	BEARING@COLLAR
35	37029	*	-	-	*	1	UPPER@SHAFT@COLLAR
35	37704	-	*	*	-	1	UPPER@SHAFT@COLLAR
36	33014	*	*	*	*	2	WASHER
37	37031	*	*	*	*	2	SCREW@M6X1@L=12
38	37035	*	*	*	*	2	TIMING@BELT
39	37292	*	*	*	*	1	SIDE@CAP
40	14013	*	*	*	*	2	SCREW@9/64X40@L=6
41	33015	*	*	*	*	1	STOP@RING@C-17
42	33167	*	*	*	*	1	BEARING
43	37033	*	*	*	*	1	SHAFT
44	33016	*	-	-	*	1	PULLEY
44	37036	-	*	*	-	1	PULLEY
45	10576	*	-	-	*	1	SET@SCREW@15/64X28 L=21.0
45	50405	-	*	*	-	1	SET@SCREW@15/64X28 L=19.0
46	10579	*	-	-	*	1	SET@SCREW@15/64X28 L=20.0
46	50404	-	*	*	-	1	SET@SCREW@15/64X28 L=19.0
47	37043	*	*	*	*	1	THREAD@TAKE-UP
51	37037	-	*	*	-	1	STITCH LENGTH INDICATOR
52	10566	-	*	*	-	1	SCREW 1/4X32 L=5.5

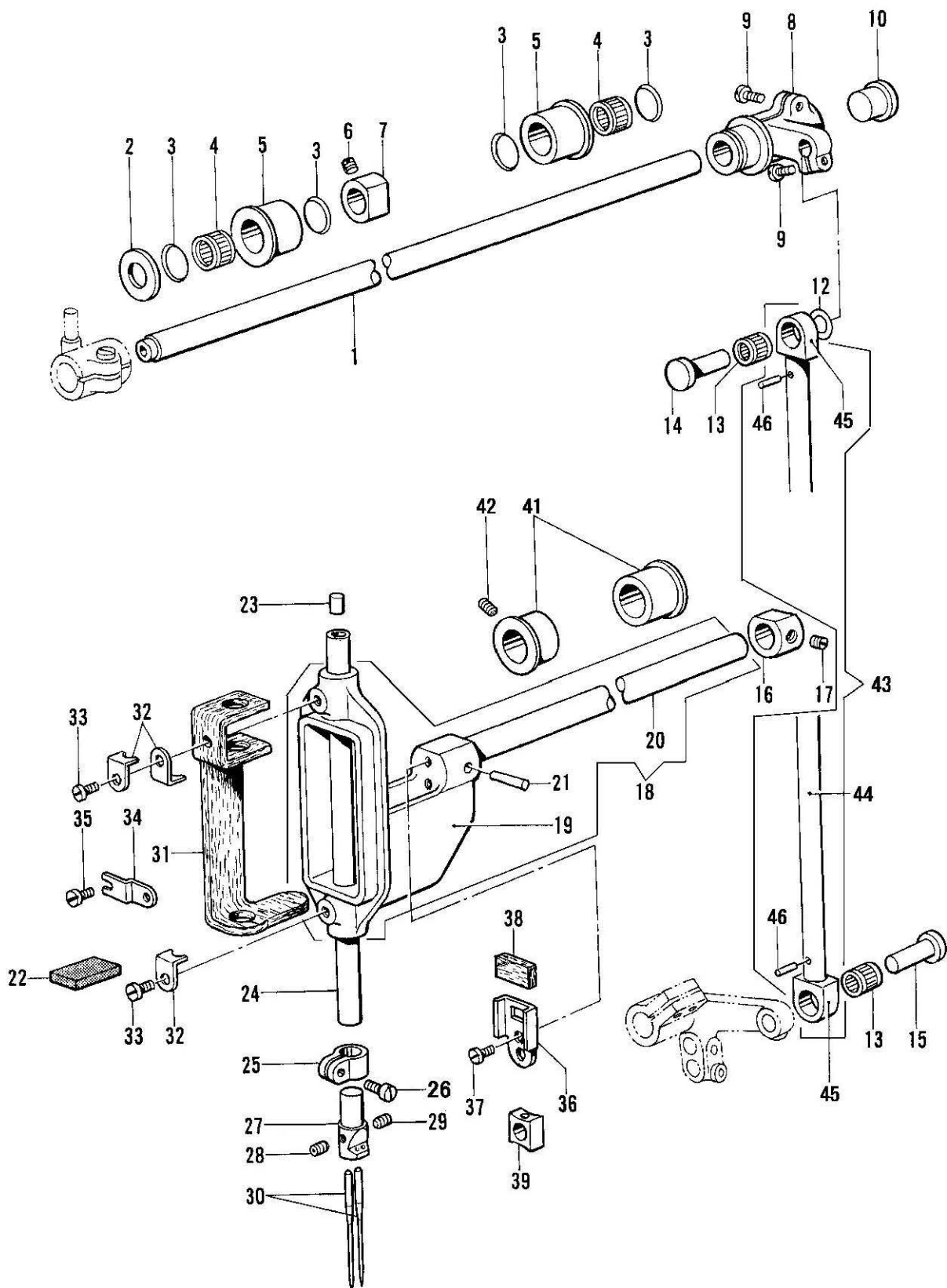
針棒搖動關係/Needle bar rocking mechanism



Needle bar rocking mechanism

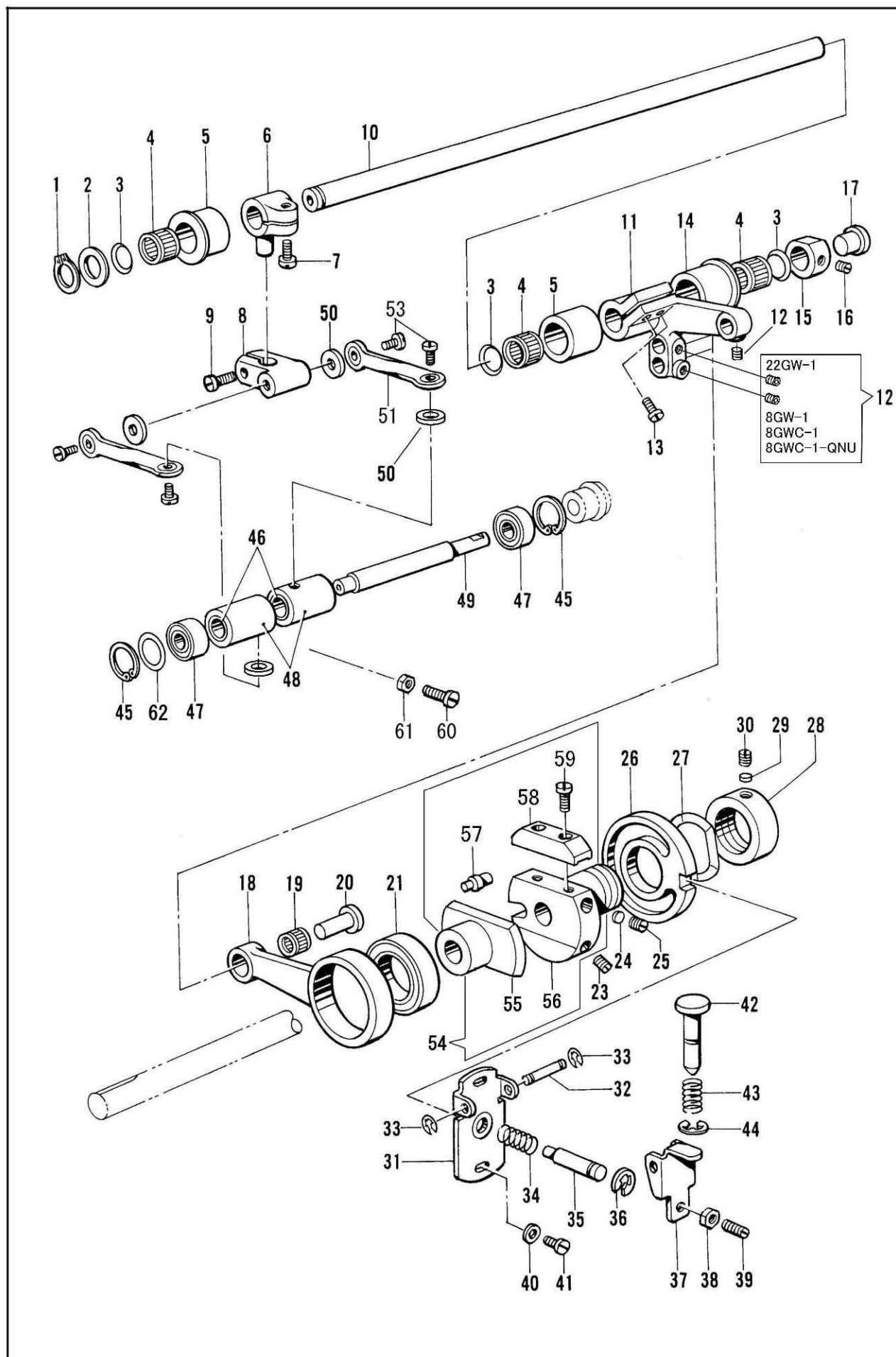
#	PARTS #	8GW-1	8GWC-1	8GWC-1-ONU	22GW-1	QTY	DESCRIPTION
1	33069	*	*	*	-	1	UPPER FEED SHAFT
2	37158	*	*	*	-	1	WASHER
3	33055	*	*	*	-	8	STOP RING
4	33010	*	*	*	-	4	NEEDLE BEARING
5	33054	*	*	*	-	4	BEARING CASE (A)
6	37116	*	*	*	-	1	SET SCREW M6X0.75@L=5
7	37115	*	*	*	-	1	UPPER FEED SHAFT@COLLAR
8	33100	*	*	*	-	1	NEEDLE BEARING
9	37161	*	*	*	-	1	NEEDLE SWING CONNECTING ROD
10	33071	*	*	*	-	1	STOP RING
11	33070	*	*	*	-	1	NEEDLE BEARING
12	37164	*	*	*	-	1	PIN
13	37159	*	*	*	-	1	UPPER FEED LEVER
14	37136	*	*	*	-	2	SCREW M5X0.8 L=10
15	37017-A	*	*	*	-	1	RUBBER CAP
17	37166	*	*	*	-	1	WASHER
18	33100	*	*	*	-	2	NEEDLE BEARING
19	37164	*	*	*	-	1	CONNECTING ROD@PIN
20	37167	*	*	*	-	1	CONNECTING ROD@PIN
21	37160	*	*	*	-	1	NEEDLE FEED CONNECTING@ROD
22	37140	*	*	*	-	1	SCREW M6X1 L=16
23	33059	*	*	*	-	1	SCREW M5X0.8 L=10
24	37115	*	*	*	-	1	NEEDLE@BAR@BRACKET@SHAFT@ROCK@COLLAR
25	37116	*	*	*	-	1	SET SCREW M6X1@L=5
26	33051	*	*	*	-	1	NEEDLE BAR BRACKET@COMPLETE
27	33051-01	*	*	*	-	1	NEEDLE BAR BRACKET
28	37106	*	*	*	-	1	NEEDLE BAR BRACKET@SHAFT
29	33120	*	*	*	-	1	TAPER PIN 3X25
30	37110	*	*	*	-	1	NEEDLE BAR URETHANE
31	33011	*	*	*	-	1	RUBBER CAP
32	33032	*	*	*	-	1	NEEDLE BAR
33	16243	*	*	*	-	1	SET SCREW M3X0.5@L=3.5
34	37107	*	*	*	-	1	NEEDLE BAR BRACKET@FELT
35	37108	*	*	*	-	3	NEEDLE BAR BRACKET@FELT@PRESSER
36	37109	*	*	*	-	2	SCREW M4X0.7 L=6
37	33053	*	*	*	-	1	NEEDLE BAR BRACKET@GUIDE
38	33052	*	*	*	-	1	FELT
39	37114	*	*	*	-	1	NEEDLE BAR GUIDE@BLOCK
40	33050	*	*	*	-	2	SET SCREW M4X0.7@L=6
41	N0214	*	*	*	-	1	NEEDLE DPx7 #14
43	33072	*	*	*	-	1	UPPER FEED SHAFT@ASSEMBLY
44	33073	*	*	*	-	1	CONNECTING ROD
45	33074	*	*	*	-	2	CONNECTING LINK
46	33064	*	*	*	-	2	PIN 2.5 L=12

針棒搖動關係/Needle bar rocking mechanism



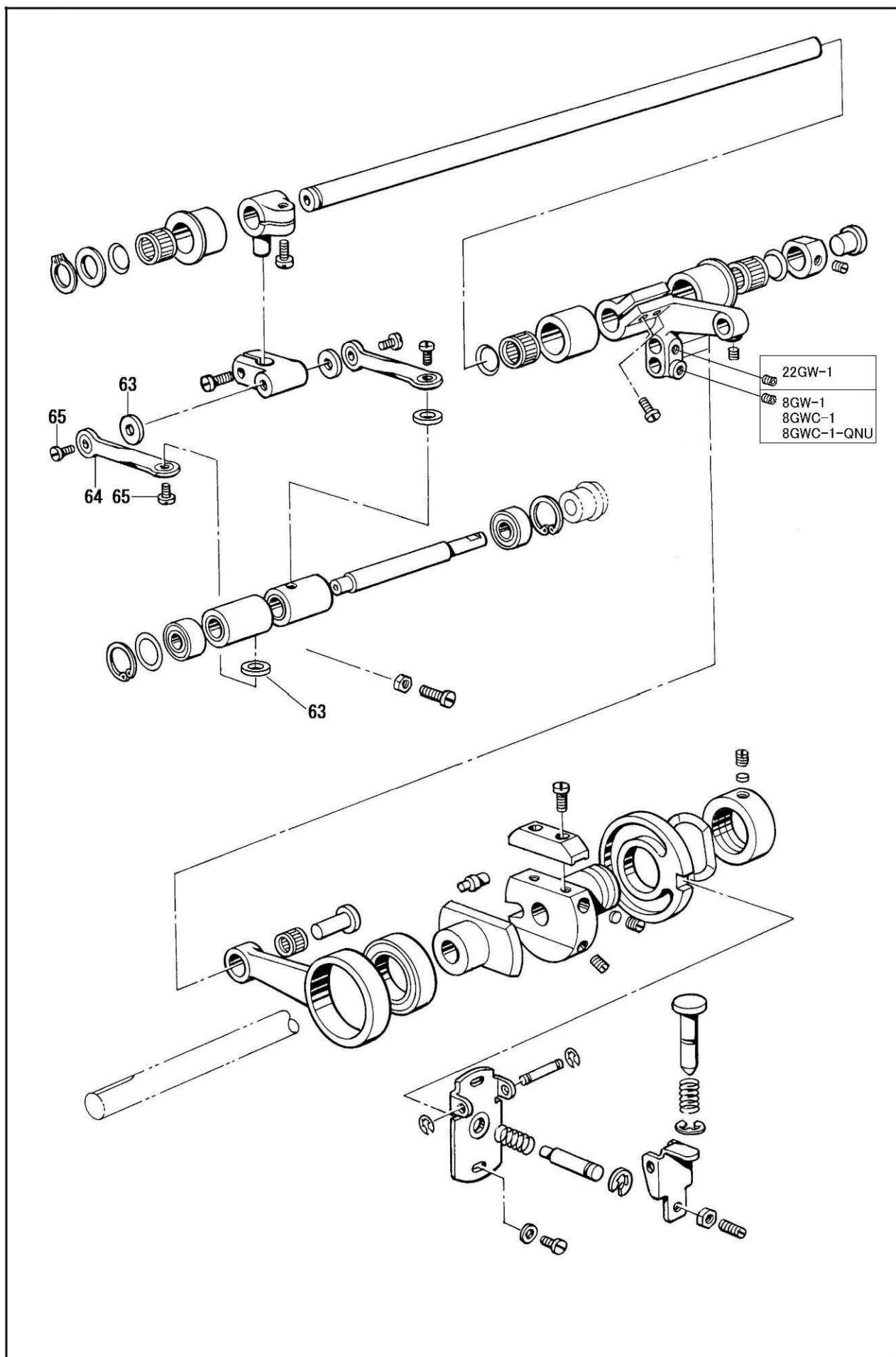
Needle bar rocking mechanism

#	PARTS #	8GW-1	8GWC-1	8GWC-1-QNU	22GW-1	QTY	DESCRIPTION
1	37157	-	-	-	*	1	UPPER FEED SHAFT
2	37158	-	-	-	*	1	WASHER
3	37120	-	-	-	*	4	STOP RING
4	37117	-	-	-	*	2	NEEDLE BEARING
5	37118	-	-	-	*	2	BEARING CASE@ (A)
6	37116	-	-	-	*	1	SET SCREW M6X0.75@L=5
7	37115	-	-	-	*	1	UPPER FEED SHAFT@COLLAR
8	37159	-	-	-	*	1	UPPER FEED LEVER
9	37136	-	-	-	*	2	SCREW M5X0.8@L=10
10	37017-A	-	-	-	*	1	RUBBER CAP
12	37166	-	-	-	*	1	WASHER
13	33100	-	-	-	*	2	NEEDLE BEARING
14	37167	-	-	-	*	1	CONNECTING ROD@PIN
15	37164	-	-	-	*	1	CONNECTING ROD@PIN
16	37115	-	-	-	*	1	COLLAR
17	37116	-	-	-	*	1	SET SCREW M6X1@L=5
18	33051	-	-	-	*	1	NEEDLE BAR BRACKET@COMPLETE
19	33051-01	-	-	-	*	1	NEEDLE BAR BRACKET
20	37106	-	-	-	*	1	NEEDLE BAR BRACKET@SHAFT
21	33120	-	-	-	*	1	TAPER PIN 3X25
22	37110	-	-	-	*	1	NEEDLE BAR URETHANE
23	33011	-	-	-	*	1	RUBBER CAP
24	37503	-	-	-	*	1	NEEDLE BAR
25	37504	-	-	-	*	1	NEEDLE BAR CLAMP
26	37505	-	-	-	*	1	PINCH SCREW M4X0.7@L=8
27	37512	-	-	-	*	1	NEEDLE CLAMP@1/16"(W@)
28	16243	-	-	-	*	1	SET SCREW M3X0.5@L=3.5
29	37532	-	-	-	*	1	SET SCREW M3X0.5
30	N4214	-	-	-	*	2	NEEDLE 134x35(R)#90
31	37107	-	-	-	*	1	NEEDLE BAR BRACKET@FELT
32	37108	-	-	-	*	3	FELT PRESSER
33	37109	-	-	-	*	2	SET SCREW M4X0.7@L=6
34	33502	-	-	-	*	1	STOPPER
35	33503	-	-	-	*	1	SET SCREW M5X0.8@L=5
36	33053	-	-	-	*	1	NEEDLE BAR BRACKET@GUIDE
37	33050	-	-	-	*	2	SET SCREW M4X0.7@L=6
38	33052	-	-	-	*	1	FELT
39	37114	-	-	-	*	1	NEEDLE BAR GUIDE@BLOCK
41	37506	-	-	-	*	2	BUSH
42	37507	-	-	-	*	1	SET SCREW M6X1@L=12
43	33072	-	-	-	*	1	UPPER FEED SHAFT@ASSEMBLY
44	33073	-	-	-	*	1	CONNECTING ROD
45	33074	-	-	-	*	2	CONNECTING LINK
46	33064	-	-	-	*	2	PIN 2.5 L=12



1. Feed mechanism

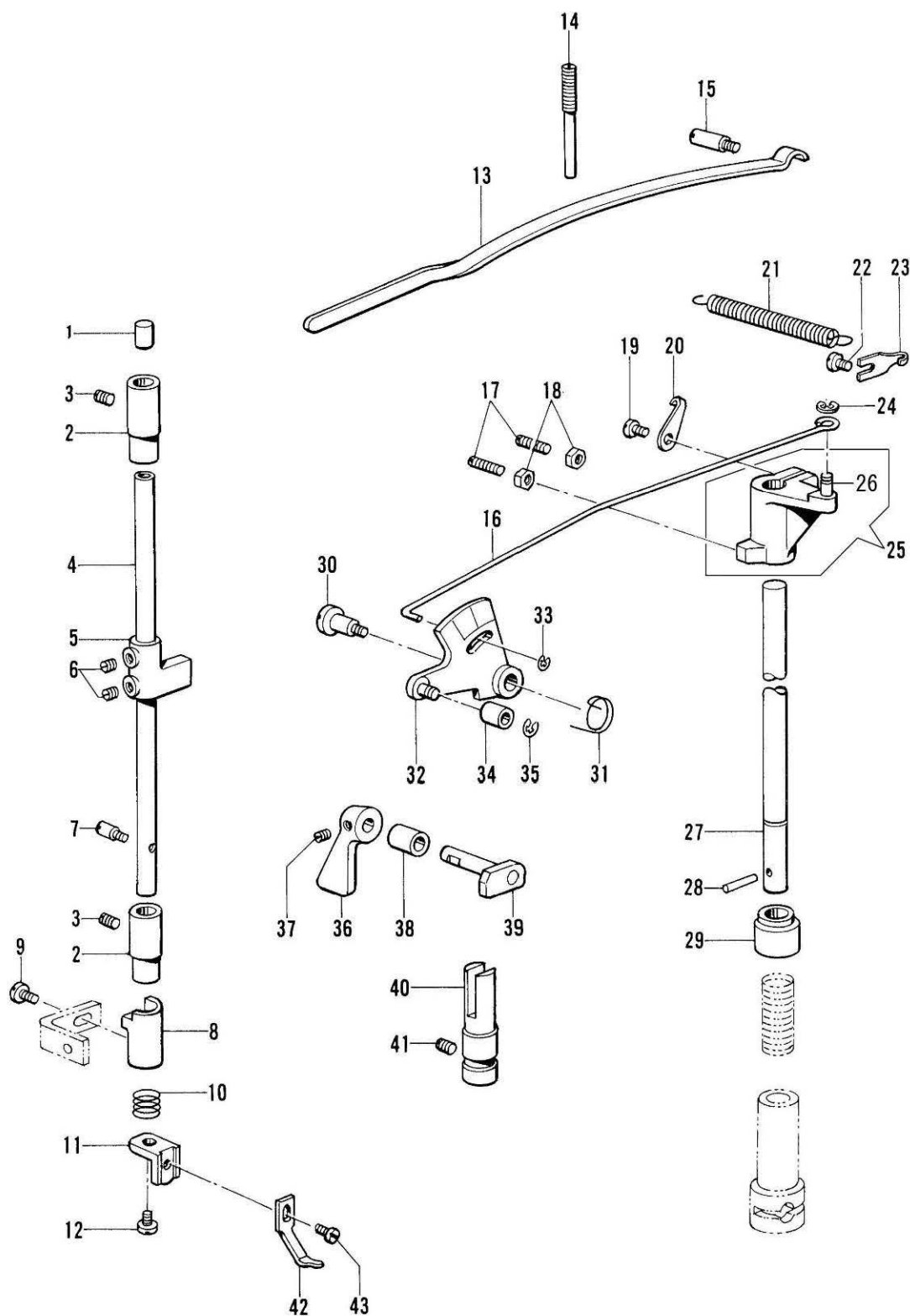
#	PARTS	8CW-1	8CWC-1	8CWC-1-ONU	22GW-1	QTY	DESCRIPTION
1	33085	*	*	*	*	1	SNAP RING
2	37158	*	*	*	*	1	WASHER
3	33055	*	*	*	*	6	SNAP RING
4	33010	*	*	*	*	3	NEEDLE BEARING
5	33054	*	*	*	*	2	BEARING CASE (A)
6	33059	*	*	*	*	1	FEED ARM
7	37136	*	*	*	*	1	SCREW M5X0.8 L=10
8	37133	*	*	*	*	1	FEED ARM LINK
9	37134	*	*	*	*	1	SCREW M4X0.7 L=4.5
10	37201	*	*	*	*	1	LOWER FEED SHAFT
11	37203	*	*	*	*	1	LOWER FEED LEVER
12	37027	*	*	*	*	2	SET SCREW M6X0.75@L=8
13	37136	*	*	*	*	2	SET SCREW M5X0.8@L=3.3
14	37119	*	*	*	*	1	BEARING CASE (B)
15	37115	*	*	*	*	1	COLLAR
16	37185	*	*	*	*	1	SET SCREW M6X1@L=5
17	37017-A	*	*	*	*	1	RUBBER CAP
18	37195	*	*	*	*	1	LOWER FEED ROD
19	33100	*	*	*	*	1	NEEDLE BEARING
20	37164	*	*	*	*	1	PIN
21	33084	*	*	*	*	1	BEARING
23	37190	*	*	*	*	2	SET SCREW M6X0.75@L=14
24	33138	*	*	*	*	2	WASHER
25	33123	*	*	*	*	2	SET SCREW 3/16X40@L=6
26	37191	*	*	*	*	1	FEED ADJUST CAM
27	33083	*	*	*	*	1	WAVE SPRING WASHER
28	37192	*	*	*	*	1	PUSHING RING
29	37193	*	*	*	*	1	WASHER
30	37182	*	*	*	*	1	SET SCREW M6X1@L=5
31	37326	*	*	*	*	1	FEED ADJUST BRACKET
32	33118	*	*	*	*	1	PIN
33	33125	*	*	*	*	2	SNAP RING
34	37328	*	*	*	*	1	SPRING
35	37327	*	*	*	*	1	PIN
36	33162	*	*	*	*	1	SNAP RING
37	37324	*	*	*	*	1	FEED ADJUST PRESSER@PLATE
38	33124	*	*	*	*	1	NUT
39	33119	*	*	*	*	1	SET SCREW M5X0.8@L=10
40	33139	*	*	*	*	2	WASHER
41	37134	*	*	*	*	2	PINCH SCREW M4X0.7@L=4.5
42	37322	*	*	*	*	1	FEED ADJUST PIN
43	37323	*	*	*	*	1	SPRING
44	33143	*	*	*	*	1	SNAP RING
45	33093	*	*	*	*	2	SNAP RING
46	33056	*	*	*	*	2	ROLLER CLUTCH
47	33020	*	*	*	*	2	BEARING
48	37238	*	*	*	*	2	CLUTCH CASE (D)
49	33092	*	*	*	*	1	CLUTCH SHAFT
50	37132	*	*	*	*	2	FELT
51	37129	*	*	*	*	1	JOINT LINK
53	37131	*	*	*	*	2	STUD SCREW
54	33082C	*	*	*	*	1	FEED CAM BRACKET@ASSEMBLY
55	33082	*	*	*	*	1	FEED CAM
56	37189	*	*	*	*	1	FEED CAM BRACKET
57	33133	*	*	*	*	1	PIN
58	11095	*	*	*	*	1	FEED ADJUST PLATE
59	11096	*	*	*	*	2	SCREW 3/16X40 L=11
60	33508	-	-	-	*	1	SCREW M4X0.7 L=10
61	33509	-	-	-	*	1	NUT
62	37239	*	*	*	*	1	CLUTCH SPACER T=0.1
62	37240	*	*	*	*	1	CLUTCH SPACER T=0.15
62	37241	*	*	*	*	1	CLUTCH SPACER T=0.2



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

| No. | PARTS No. | 8CW-1 | 8CWC-1 | 8CWC-1-QUU | 22GW-1 | QTY | Part Name | DESCRIPTION |
|-----|-----------|-------|--------|------------|--------|-----|------------|-------------|
| | | | | | | | | |
| 63 | 37132 | * | * | * | - | 2 | Felt | FELT |
| 64 | 37129 | * | * | * | - | 1 | Joint Link | JOINT LINK |
| 65 | 37131 | * | * | * | - | 2 | Stud Screw | STUD SCREW |

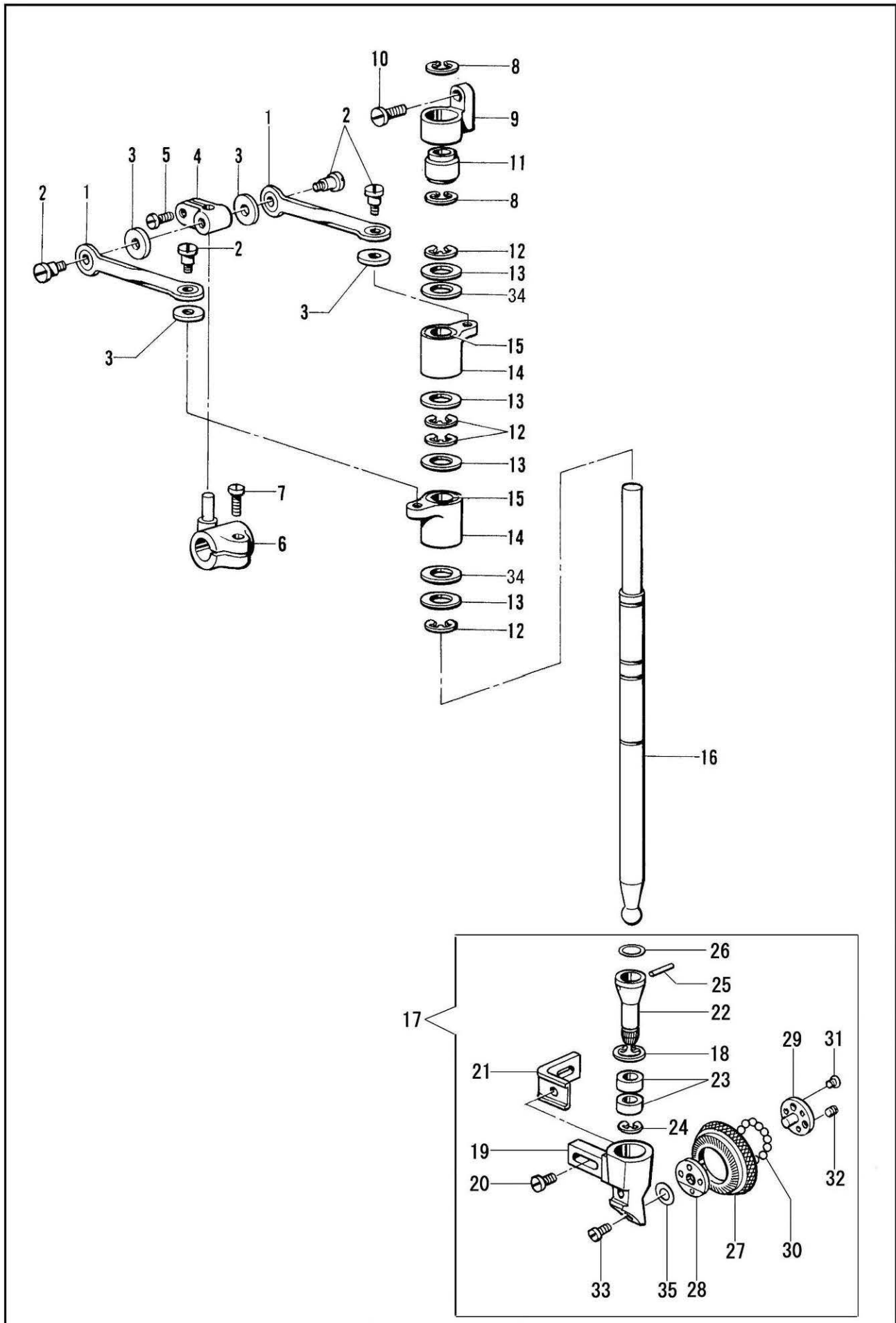
押え関係/Presser foot mechanism



30 1 3 W /Presser foot mechanism

| # | PARTS # | 8GW-1 | 8GWC-1 | 8GWC-1-ONU | 22GW-1 | QTY | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|------------------------------------|
| 1 | 33011 | * | * | * | * | 1 | RUBBER CAP |
| 2 | 37067 | * | * | * | * | 2 | PRESSER BAR BUSH |
| 3 | 37068 | * | * | * | * | 2 | SET SCREW M5X0.8@L=4 |
| 4 | 37066 | * | * | * | * | 1 | PRESSER BAR |
| 5 | 37069 | * | * | * | * | 1 | PRESSER BAR CLAMP |
| 6 | 37070 | * | * | * | * | 2 | SET SCREW M6X1@L=7 |
| 7 | 37072 | * | * | * | * | 1 | PIN SCREW M4 |
| 8 | 37071 | * | * | * | * | 1 | ROLLER HOLDER |
| 9 | 33061 | * | * | * | * | 1 | PINCH SCREW M4X0.7@L=8 |
| 10 | 37073 | * | * | * | * | 1 | COIL SPRING |
| 11 | 37074 | * | * | * | * | 1 | SUB ROLLER HOLDER |
| 12 | 37064 | * | * | * | * | 1 | PINCH SCREW M4X0.7@L=10 |
| 13 | 37089 | * | * | * | * | 1 | PRESSER BAR PLATE@SPRING |
| 14 | 37090 | * | * | * | * | 1 | SCREW M8X0.75 |
| 15 | 33027 | * | * | * | * | 1 | PIN SCREW M6 |
| 16 | 37087 | * | * | * | * | 1 | PRESSER FOOT LIFTER@CONNECTING BAR |
| 17 | 33030 | * | * | * | * | 2 | SET SCREW M6X1@L=25 |
| 18 | 33031 | * | * | * | * | 2 | NUT |
| 19 | 37009 | * | * | * | * | 2 | PINCH SCREW M5X0.8@L=16 |
| 20 | 37098 | * | * | * | * | 1 | SPRING HOOK i r) |
| 21 | 37097 | * | * | * | * | 1 | SPRING |
| 22 | 33029 | * | * | * | * | 1 | PINCH SCREW M6X1@L=10 |
| 23 | 37099 | * | * | * | * | 1 | SPRING HOOK iL) |
| 24 | 33126 | * | * | * | * | 1 | SNAP RING |
| 25 | 37095 | * | * | * | * | 1 | PRESSER FOOT LIFTER@CLANK@ASSAY |
| 26 | 33028 | * | * | * | * | 1 | PIN |
| 27 | 37092 | * | * | * | * | 1 | PRESSER FOOT LIFTER@BAR |
| 28 | 37094 | * | * | * | * | 1 | PIN |
| 29 | 37093 | * | * | * | * | 1 | COLLAR |
| 30 | 33026 | * | * | * | * | 1 | STUD SCREW M6 |
| 31 | 37086 | * | * | * | * | 1 | SPRING |
| 32 | 37082 | * | * | * | * | 1 | PRESSER FOOT LIFTER@PLATE |
| 33 | 33168 | * | * | * | * | 1 | SNAP RING |
| 34 | 33025 | * | * | * | * | 1 | COLLAR |
| 35 | 33126 | * | * | * | * | 1 | SNAP RING |
| 36 | 37076 | * | * | * | * | 1 | PRESSER FOOT LIFTER@LEVER |
| 37 | 37077 | * | * | * | * | 1 | SET SCREW M5X0.8@L=5 |
| 38 | 37079 | * | * | * | * | 1 | PRESSER FOOT LIFTER@BUSH |
| 39 | 37078 | * | * | * | * | 1 | PRESSER FOOT LIFTER@CAM |
| 40 | 37080 | * | * | * | * | 1 | PRESSER BAR GUIDE |
| 41 | 33142 | * | * | * | * | 1 | SET SCREW M6X1 |
| 42 | 37522 | - | - | - | * | 1 | SUB PRESSER FOOT@1/16"(W) |
| 43 | 37533 | - | - | - | * | 1 | SCREW SM9/64X40@L=6 |

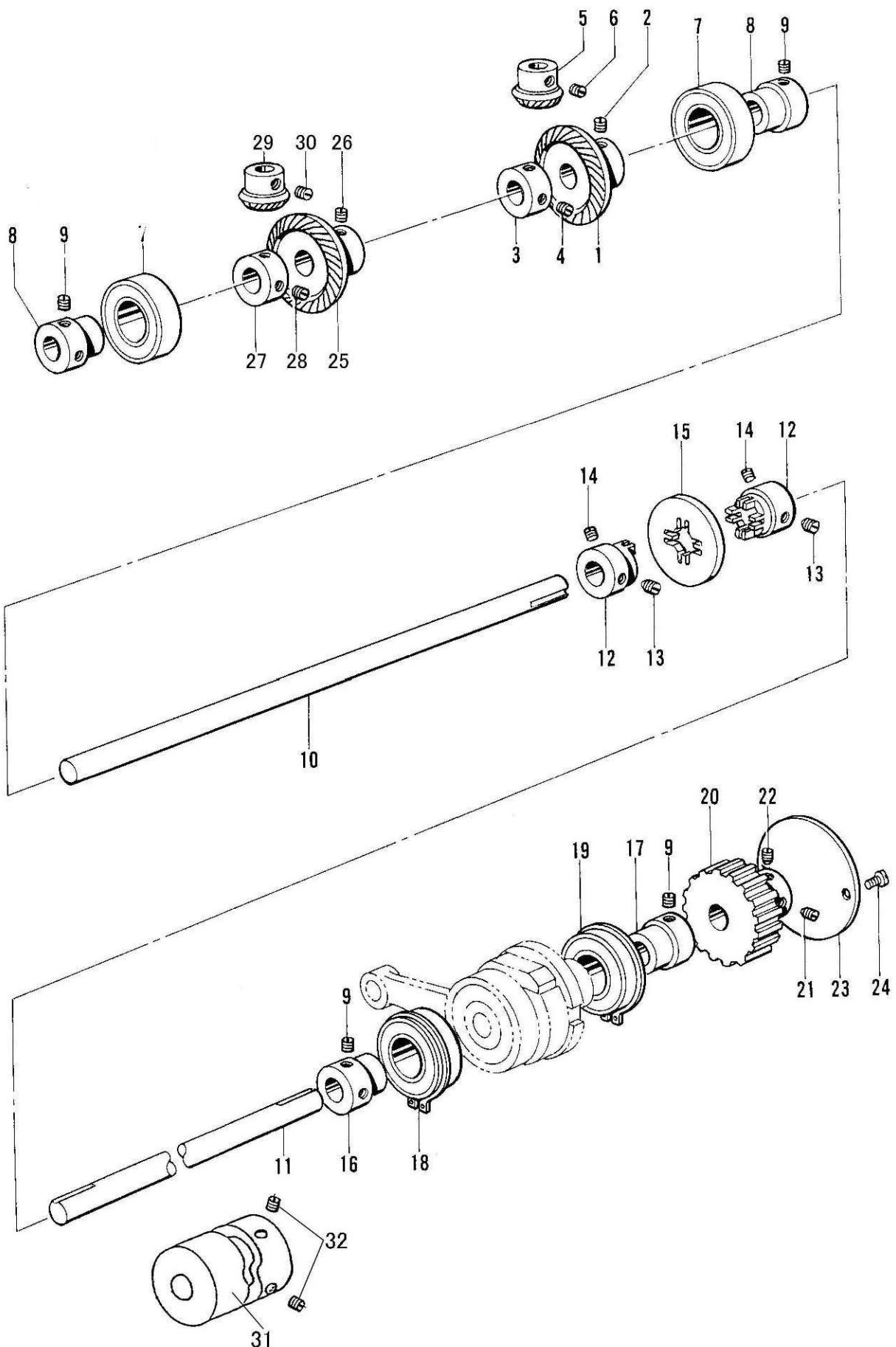
ローラー押え関係/Roller presser foot mechanism



Roller presser foot mechanism

| # | PARTS # | 8GW-1 | 8GWC-1 | 8GWC-1-QNU | 22GW-1 | QTY | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|-----------------------------|
| 1 | 37129 | * | * | * | * | 2 | JOINT LINK (UPPER) |
| 2 | 37131 | * | * | * | * | 4 | STUD SCREW |
| 3 | 37132 | * | * | * | * | 4 | FELT |
| 4 | 37133 | * | * | * | * | 1 | JOINT CONNECTION |
| 5 | 37134 | * | * | * | * | 1 | PINCH SCREW@M4X0.7@L=4.5 |
| 6 | 37135 | * | * | * | * | 1 | JOINT CONNECTING@CRANK |
| 7 | 37136 | * | * | * | * | 1 | PINCH SCREW@M5X0.8@L=10 |
| 8 | 37139 | * | * | * | * | 2 | SNAP RING |
| 9 | 37137 | * | * | * | * | 1 | ROLLER SHAFT@HOLDER |
| 10 | 37140 | * | * | * | * | 1 | SNAP RING |
| 11 | 37138 | * | * | * | * | 1 | BUSH |
| 12 | 17095 | * | * | * | * | 4 | SNAP RING |
| 13 | 37128 | * | * | * | * | 4 | WASHER |
| 14 | 37123 | * | * | * | * | 2 | CLUTCH CASE@(UPPER) |
| 15 | 37124 | * | * | * | * | 2 | ROLLER HOLDER |
| 16 | 37122 | * | * | * | * | 1 | UPPER FEED@ROLLER@SHAFT |
| 17 | 37337C | * | * | * | * | 1 | ROLLER ASSEMBLY@36X2.8 |
| 18 | 37139 | * | * | * | * | 1 | SNAP RING |
| 19 | 37333 | * | * | * | * | 1 | ROLLER HOLDER |
| 20 | 37142 | * | * | * | * | 1 | PINCH SCREW@M4X0.7@L=8 |
| 21 | 37334 | * | * | * | * | 1 | ROLLER HOLDER@BRACKET |
| 22 | 37335 | * | * | * | * | 1 | ROLLER GEAR@(SMALL) |
| 23 | 37145 | * | * | * | * | 2 | BEARING |
| 24 | 37146 | * | * | * | * | 1 | SNAP RING |
| 25 | 37147 | * | * | * | * | 1 | PIN 2.5X12L |
| 26 | 37148 | * | * | * | * | 1 | ROLLER SHAFT@RING |
| 27 | 37337 | * | * | * | * | 1 | ROLLER GEAR@(LEAGUE) |
| 28 | 37150 | * | * | * | * | 1 | ROLLER HOLDER@(A) |
| 29 | 37151 | * | * | * | * | 1 | ROLLER HOLDER@(B) |
| 30 | 37152 | * | * | * | * | 24 | STEEL BALL |
| 31 | 37153 | * | * | * | * | 3 | PINCH SCREW@M2.5X0.45@L=4 |
| 32 | 37154 | * | * | * | * | 3 | SET SCREW@M2.5X0.45@L=2.5 |
| 33 | 37155 | * | * | * | * | 1 | PINCH SCREW@M2.5X0.45@L=2.5 |
| 34 | 37125 | * | * | * | * | 2 | SPACER T=0.1 |
| 34 | 37126 | * | * | * | * | 2 | SPACER T=0.15 |
| 34 | 37127 | * | * | * | * | 2 | SPACER T=0.2 |
| 35 | 37156 | * | * | * | * | 1 | SPACER T=0.6 |

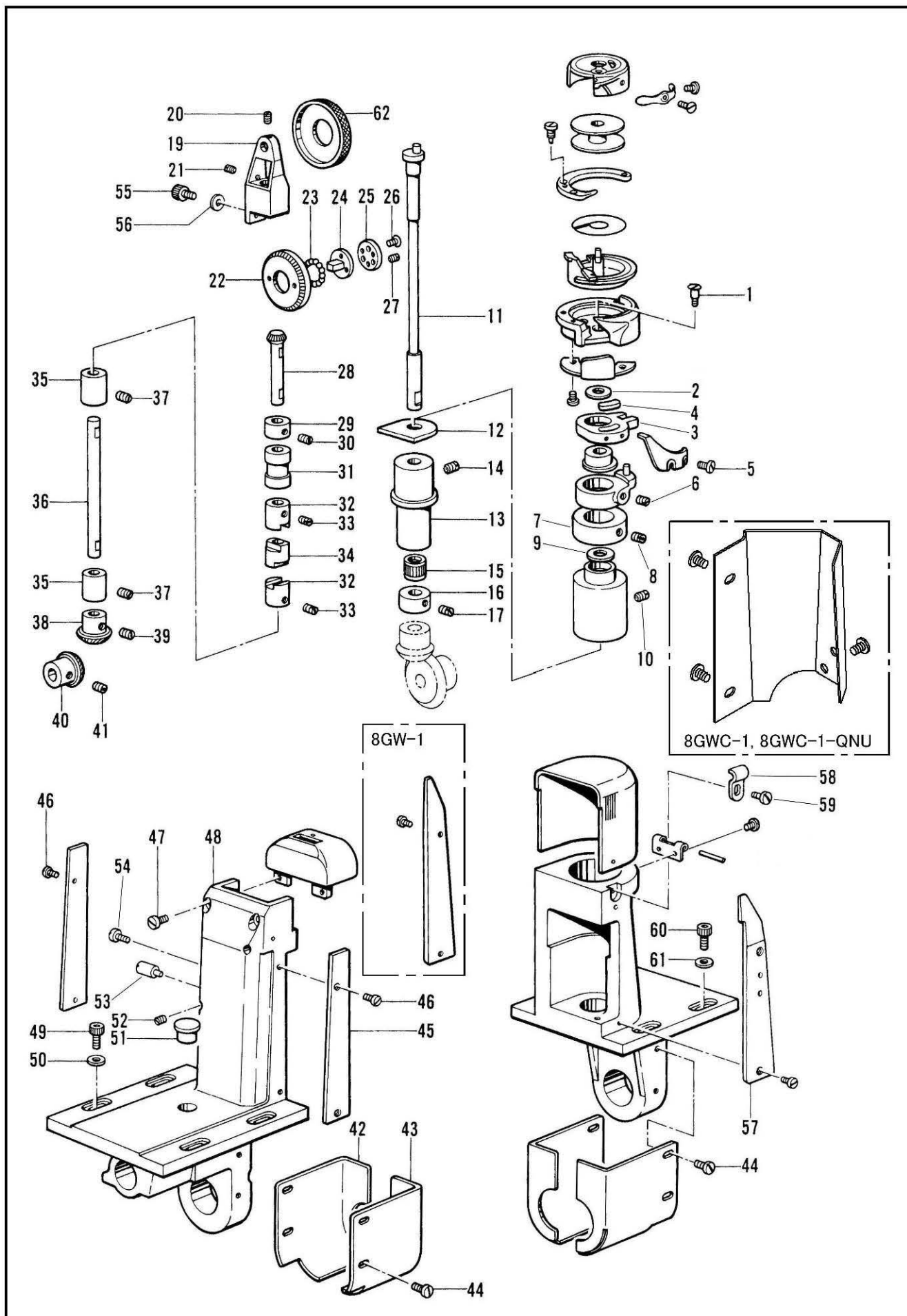
下軸関係/Lower shaft machanism



80 2 3 W /Lower shaft mechanism

| # | 80 2 3 W | 80W-1 | 80WC-1 | 80WC-1-ONU | 22GW-1 | QTY | DESCRIPTION |
|----|----------|-------|--------|------------|--------|-----|---------------------------|
| 1 | 37184 | * | * | * | * | 1 | GEAR (LEAGUE) |
| 2 | 37185 | * | * | * | * | 2 | SET SCREW M6X0.75@L=5 |
| 3 | 37172 | * | * | * | * | 1 | COLLAR |
| 4 | 33081 | * | * | * | * | 2 | SET SCREW M6X1@L=6 |
| 5 | 37183 | * | * | * | * | 1 | GEAR (SMALL) |
| 6 | 37185 | * | * | * | * | 2 | SET SCREW M6X0.75@L=6 |
| 7 | 33076 | * | * | * | * | 2 | BEARING (FRONT) |
| 8 | 33078 | * | * | * | * | 2 | COLLAR (FRONT) |
| 9 | 37182 | * | * | * | * | 8 | SET SCREW M6X0.75@L=5 |
| 10 | 33075 | * | - | - | * | 1 | LOWER SHAFT (FRONT) |
| 10 | 37173 | - | * | * | - | 1 | LOWER SHAFT (FRONT) |
| 11 | 37174 | * | * | * | * | 1 | LOWER SHAFT (REAR) |
| 12 | 37175 | * | * | * | * | 2 | LOWER SHAFT JOINT |
| 13 | 37026 | * | * | * | * | 2 | SET SCREW M6X1@L=5 |
| 14 | 37027 | * | * | * | * | 2 | SET SCREW M6X0.75@L=8 |
| 15 | 37176 | * | * | * | * | 1 | LOWER SHAFT JOINT@PLATE |
| 16 | 33079 | * | * | * | * | 1 | COLLAR (MIDDLE) |
| 17 | 33080 | * | * | * | * | 1 | COLLAR (REAR) |
| 18 | 33077 | * | * | * | * | 1 | BEARING (MIDDLE) |
| 19 | 33167 | * | * | * | * | 1 | BEARING (REAR) |
| 20 | 37187 | * | * | * | * | 1 | BELT PULLEY |
| 21 | 37026 | * | * | * | * | 1 | SET SCREW M6X0.75@L=5 |
| 22 | 37027 | * | * | * | * | 1 | SET SCREW M6X0.75@L=8 |
| 23 | 37293 | * | * | * | * | 1 | BED PLATE |
| 24 | 14013 | * | * | * | * | 2 | PINCH SCREW SM9/64X40@L=6 |
| 25 | 37184 | - | - | - | * | 1 | GEAR (LEAGUE) |
| 26 | 37185 | - | - | - | * | 2 | SET SCREW M6X0.75@L=5 |
| 27 | 37172 | - | - | - | * | 1 | COLLAR |
| 28 | 33081 | - | - | - | * | 2 | SET SCREW M6X1@L=6 |
| 29 | 37183 | - | - | - | * | 1 | GEAR (SMALL) |
| 30 | 37185 | - | - | - | * | 2 | SET SCREW M6X0.75@L=6 |
| 31 | 37707 | - | * | * | - | 1 | KNIFE CAM |
| 32 | 21144 | - | * | * | - | 2 | SCREW 1/4x28 L=9.5 |

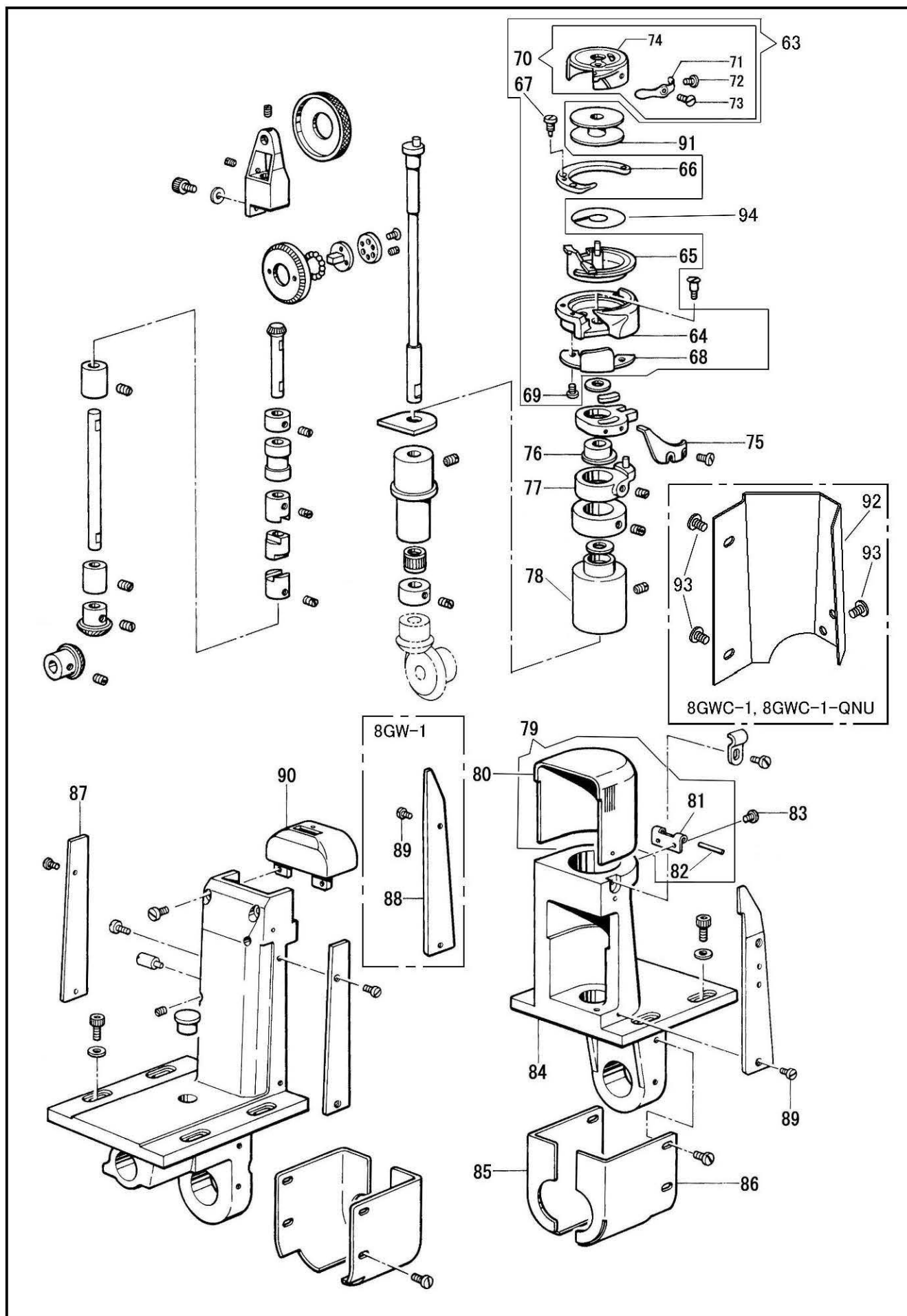
カム関係/Rotary hook mechanism



J } Ǿ W /Rotary hook mechanism

| # | 4 i Ǿ 田 | 8GW-1 | 8GWC-1 | 8GWC-1-ONU | 22GW-1 | 田 田 | QTY | i Ǿ | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|-----|---------------------------|--------------------------------|
| 1 | 37274 | * | * | * | - | 1 | 1 | Ǿ β Ǿ Ǿ | SCREW M5X0.8 L=20 |
| 2 | 37267 | * | * | * | - | 1 | 1 | J } Ǿ , 田 b V f 田 | WASHER |
| 3 | 37270 | * | * | * | - | 1 | 1 | f 田 V f 田 Ǿ , à | OPENER BRACKET |
| 4 | 37271 | * | * | * | - | 1 | 1 | f f f f | FELT |
| 5 | 37269 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SCREW M3X0.5 L=6 |
| 6 | 37070 | * | * | * | - | 1 | 1 | Ǿ β Ǿ Ǿ | SET SCREW M6X0.75@L=7 |
| 7 | 37264 | * | * | * | - | 1 | 1 | J } Ǿ 田 f f J Ǿ 田 | ROTARY HOOK SHAFT@BUSH@COLLAR |
| 8 | 37116 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M6X0.75@L=5 |
| 9 | 37259 | * | * | * | - | 1 | 1 | J } Ǿ x A Ǿ y 田 (Ǿ) | BEARING (UPPER) |
| 10 | 37185 | * | * | * | - | 1 | 1 | Ǿ β Ǿ Ǿ | SET SCREW M6X0.75@L=6 |
| 11 | 37258 | * | * | * | - | 1 | 1 | J } Ǿ | ROTARY HOOK SHAFT |
| 12 | 37266 | * | * | * | - | 1 | 1 | f f f f | FELT |
| 13 | 37262 | * | * | * | - | 1 | 1 | J } Ǿ 田 f f (Ǿ) | ROTARY HOOK SHAFT@BUSH@(LOWER) |
| 14 | 37263 | * | * | * | - | 1 | 1 | Ǿ β Ǿ Ǿ | SET SCREW M6X1@L=10 |
| 15 | 33100 | * | * | * | - | 1 | 1 | J } Ǿ J 田 f f x A Ǿ y 田 | NEEDLE BEARING |
| 16 | 37265 | * | * | * | - | 1 | 1 | J } Ǿ J Ǿ 田 | ROTARY HOOK SHAFT@COLLAR |
| 17 | 37185 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M6X0.75@L=6 |
| 19 | 37223 | * | * | * | - | 1 | 1 | Ǿ Ǿ Ǿ Ǿ , à | FEED DOG SUPPORT@BRACKET |
| 20 | 37222 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M3X0.5@L=4 |
| 21 | 37229 | * | * | * | - | 1 | 1 | Ǿ β Ǿ Ǿ | SET SCREW M4X0.7@L=5 |
| 22 | 37219 | * | * | * | - | 1 | 1 | Ǿ Ǿ Ǿ M f 田 (a) | FEED DOG GEAR (LARGE) |
| 23 | 37152 | * | * | * | - | 24 | 24 | d x. | STEEL BALL |
| 24 | 33089 | * | * | * | - | 1 | 1 | Ǿ Ǿ Ǿ Ǿ , à (A) | FEED WHEEL GUIDE@(A) |
| 25 | 33067 | * | * | * | - | 1 | 1 | Ǿ Ǿ Ǿ Ǿ , à (B) | FEED WHEEL GUIDE@(B) |
| 26 | 37153 | * | * | * | - | 3 | 3 | Ǿ β Ǿ Ǿ | SCREW M2.5X0.45 L=4 |
| 27 | 37134 | * | * | * | - | 3 | 3 | Ǿ β Ǿ Ǿ | SET SCREW M2.5X0.45@L=2.5 |
| 28 | 37220 | * | * | * | - | 1 | 1 | Ǿ Ǿ Ǿ M f 田 (田) | FEED DOG GEAR (SMALL) |
| 29 | 37227 | * | * | * | - | 1 | 1 | Ǿ Ǿ Ǿ M f 田 Ǿ J Ǿ 田 | FEED DOG SHAFT@COLLAR |
| 30 | 37068 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M5X0.8@L=4 |
| 31 | 37228 | * | * | * | - | 1 | 1 | Ǿ Ǿ Ǿ M f 田 Ǿ Ǿ 田 f f | FEED DOG GEAR SHAFT@BUSH |
| 32 | 37231 | * | * | * | - | 2 | 2 | W f Ǿ y g J Ǿ 田 | JOINT COLLAR |
| 33 | 37068 | * | * | * | - | 4 | 4 | Ǿ β Ǿ Ǿ | SET SCREW M5X0.8@L=4 |
| 34 | 37230 | * | * | * | - | 1 | 1 | W f Ǿ y g | JOINT |
| 35 | 33090 | * | * | * | - | 1 | 1 | J Ǿ y a Ǿ Ǿ 田 f f | BUSH |
| 36 | 37232 | * | * | * | - | 1 | 1 | J Ǿ y a Ǿ | THROAT PLATE BASE@SHAFT |
| 37 | 27170 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M5X0.8@L=6 |
| 38 | 37234 | * | * | * | - | 1 | 1 | Ǿ Ǿ M f 田 (田) | FEED GEAR (SMALL) |
| 39 | 37116 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M6X0.75@L=5 |
| 40 | 37235 | * | * | * | - | 1 | 1 | Ǿ Ǿ M f 田 (a) | FEED GEAR (LARGE) |
| 41 | 37185 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M6X0.75@L=6 |
| 42 | 37253 | * | * | * | - | 2 | 2 | M f 田 f Ǿ 田 (E) | GEAR COVER (RIGHT) |
| 43 | 37252 | * | * | * | - | 2 | 2 | M f 田 f Ǿ 田 (田) | GEAR COVER (LEFT) |
| 44 | 33098 | * | * | * | - | 8 | 8 | Ǿ β Ǿ Ǿ | PINCH SCREW M4X0.7@L=8 |
| 45 | 37212 | * | * | * | - | 2 | 2 | J Ǿ y a J Ǿ 田 | THROAT PLATE BASE@COVER |
| 46 | 37214 | * | * | * | - | 4 | 4 | Ǿ β Ǿ Ǿ | PINCH SCREW M3X0.5@L=8 |
| 47 | 37210 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SET SCREW M4X0.7@L=6 |
| 48 | 33086 | * | - | - | - | 1 | 1 | J Ǿ Ǿ , à | THROAT PLATE HOLDER |
| 48 | 37211 | - | * | * | - | 1 | 1 | J Ǿ Ǿ , à | THROAT PLATE HOLDER |
| 49 | 31021 | * | * | * | - | 4 | 4 | Ǿ β Ǿ Ǿ | SCREW M6X1 L=16 |
| 50 | 33087 | * | * | * | - | 4 | 4 | Ǿ Ǿ | WASHER |
| 51 | 33171 | * | * | * | - | 1 | 1 | \$ Ǿ Ǿ | RUBBER CAP |
| 52 | 37226 | * | * | * | - | 1 | 1 | Ǿ β Ǿ Ǿ | SCREW M4X0.7 L=6 |
| 53 | 37225 | * | * | * | - | 1 | 1 | Ǿ Ǿ \$ y | ADJUSTING PIN |
| 54 | 37224 | * | * | * | - | 1 | 1 | Ǿ β Ǿ Ǿ | SCREW M6X1 L=13 |
| 55 | 33161 | * | * | * | - | 2 | 2 | Ǿ β Ǿ Ǿ | SCREW M5X0.8 L=12 |
| 56 | 16287 | * | * | * | - | 2 | 2 | Ǿ Ǿ | WASHER |
| 57 | 37245 | * | * | * | - | 2 | 2 | J } y a J Ǿ 田 (O) | ROTARY HOOK BASE@COVER@(FRONT) |
| 58 | 37250 | * | * | * | - | 2 | 2 | J } J Ǿ 田 Ǿ , à Ǿ | ROTARY HOOK COVER@SPRING |
| 59 | 33097 | * | * | * | - | 2 | 2 | J } J Ǿ 田 Ǿ , à Ǿ Ǿ β Ǿ Ǿ | SET SCREW M3X0.5@L=5 |
| 60 | 31021 | * | * | * | - | 4 | 4 | Ǿ β Ǿ Ǿ | SCREW M6X1 L=16 |
| 61 | 33087 | * | * | * | - | 8 | 8 | Ǿ Ǿ | WASHER |
| 62 | 33085 | * | * | * | - | 1 | 1 | Ǿ Ǿ | FEED DOG |

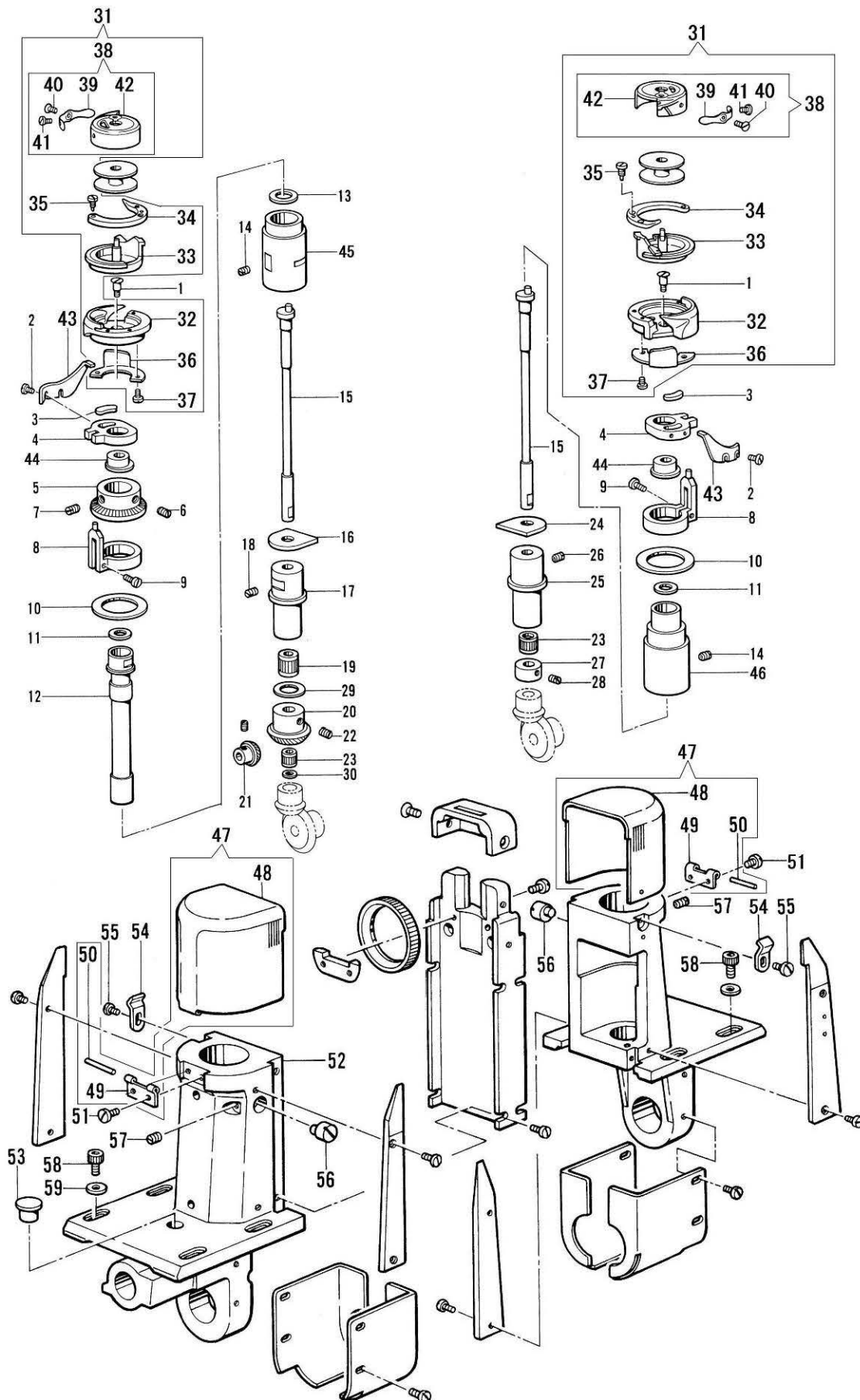
カム関係/Rotary hook mechanism



J } Ǿ W /Rotary hook mechanism

| # | PARTS # | 8GW-1 | 8GWC-1 | 8GWC-1-QNU | 22GW-1 | QTY | Ǿ W | DESCRIPTION |
|----|-----------|-------|--------|------------|--------|-----|-------------------------|--------------------------------|
| | | | | | | | | |
| 63 | 37255 | * | - | - | - | 1 | J } (q) | ROTARY HOOK COMPLETE |
| 63 | 37735 | - | * | * | - | 1 | J } (q) | ROTARY HOOK COMPLETE |
| 64 | 37255-01 | * | * | * | - | 1 | Ǿ J } | OUTER ROTARY HOOK |
| 65 | 37255-02 | * | - | - | - | 1 | Ǿ J } | INNER ROTARY HOOK |
| 65 | 37735-02 | - | * | * | - | 1 | Ǿ J } | INNER ROTARY HOOK |
| 66 | 37255-03 | * | * | * | - | 1 | Ǿ J } Ǿ n Ǿ Ǿ Ǿ | INNER ROTARY HOOK@PRESSER |
| 67 | 37255-04 | * | * | * | - | 3 | Ǿ J } Ǿ n Ǿ Ǿ Ǿ | SCREW |
| 68 | 37255-05 | * | * | * | - | 1 | Ǿ Ǿ Ǿ | NEEDLE BRACKET |
| 69 | 37255-06 | * | * | * | - | 2 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | SCREW |
| 70 | 37255-07C | * | - | - | - | 1 | Ǿ f b v (q) | HOOK CAP COMPLETE |
| 70 | 37735-07C | - | * | * | - | 1 | Ǿ f b v (q) | HOOK CAP COMPLETE |
| 71 | 37255-08 | * | * | * | - | 1 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | BOBBIN CASE TENSION@SPRING |
| 72 | 37255-11 | * | * | * | - | 1 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | TENSION REGULATING@SCREW |
| 73 | 37255-12 | * | * | * | - | 1 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | SET SCREW |
| 74 | 37255-07 | * | - | - | - | 1 | Ǿ f b v | CAP |
| 74 | 37735-07 | - | * | * | - | 1 | Ǿ f b v | CAP |
| 75 | 37268 | * | - | - | - | 1 | Ǿ f Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | BOBBIN CASE OPENER |
| 75 | 37736 | - | * | * | - | 1 | Ǿ f Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | BOBBIN CASE OPENER |
| 76 | 37272 | * | - | - | - | 1 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | OPENER ECCENTRIC@COLLAR |
| 76 | 37737 | - | * | * | - | 1 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | OPENER ECCENTRIC@COLLAR |
| 77 | 33163 | * | - | - | - | 1 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | OPENER ADJUSTING@RING |
| 77 | 37738 | - | * | * | - | 1 | Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | OPENER ADJUSTING@RING |
| 78 | 33101 | * | - | - | - | 1 | J } Ǿ Ǿ Ǿ Ǿ (Ǿ) | ROTARY HOOK SHAFT@BUSH@UPPER |
| 78 | 37739 | - | * | * | - | 1 | J } Ǿ Ǿ Ǿ Ǿ (Ǿ) | ROTARY HOOK SHAFT@BUSH@UPPER |
| 79 | 33094C | * | - | - | - | 1 | J } J Ǿ Ǿ (q) | ROTARY HOOK COVER@COMPLETE |
| 79 | 37742C | - | * | * | - | 1 | J } J Ǿ Ǿ (q) | ROTARY HOOK COVER@COMPLETE |
| 80 | 33094 | * | - | - | - | 1 | J } J Ǿ Ǿ | ROTARY HOOK COVER |
| 80 | 37742 | - | * | * | - | 1 | J } J Ǿ Ǿ | ROTARY HOOK COVER |
| 81 | 33095 | * | - | - | - | 1 | J } J Ǿ Ǿ Ǿ Ǿ | ROTARY HOOK COVER@SUPPORT |
| 81 | 37743 | - | * | * | - | 1 | J } J Ǿ Ǿ Ǿ Ǿ | ROTARY HOOK COVER@SUPPORT |
| 82 | 33096 | * | - | - | - | 1 | J } J Ǿ Ǿ Ǿ Ǿ | ROTARY HOOK COVER@PIN |
| 82 | 37744 | - | * | * | - | 1 | J } J Ǿ Ǿ Ǿ Ǿ | ROTARY HOOK COVER@PIN |
| 83 | 33097 | * | - | - | - | 2 | J } J Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | SCREW M3X0.5 L=5 |
| 83 | 14013 | - | * | * | - | 2 | J } J Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | SCREW 9/64X40 L=5.5 |
| 84 | 37244 | * | - | - | - | 1 | J } y a | ROTARY HOOK BASE |
| 84 | 37740 | - | * | * | - | 1 | J } y a | ROTARY HOOK BASE |
| 85 | 37252 | * | - | - | - | 1 | M f J Ǿ Ǿ (Ǿ) | GEAR COVER (LEFT) |
| 85 | 37747 | - | * | * | - | 1 | M f J Ǿ Ǿ (Ǿ) | GEAR COVER (LEFT) |
| 86 | 37253 | * | - | - | - | 1 | M f J Ǿ Ǿ (Ǿ) | GEAR COVER (RIGHT) |
| 86 | 37748 | - | * | * | - | 1 | M f J Ǿ Ǿ (Ǿ) | GEAR COVER (RIGHT) |
| 87 | 37213 | * | - | - | - | 1 | Ǿ Ǿ y a J Ǿ Ǿ (Ǿ) | THROAT PLATE@BASE@COVER (BACK) |
| 87 | 37745 | - | * | * | - | 1 | Ǿ Ǿ y a J Ǿ Ǿ (Ǿ) | THROAT PLATE@BASE@COVER (BACK) |
| 88 | 37246 | * | - | - | - | 1 | J } y a J Ǿ Ǿ (Ǿ) | ROTARY HOOK BASE COVER@BACK |
| 89 | 37214 | * | - | - | - | 4 | J } y a J Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | SCREW M3X0.5 L=8 |
| 89 | 37214 | - | * | * | - | 2 | J } y a J Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | SCREW M3X0.5 L=8 |
| 90 | 37205 | * | - | - | - | 1 | Ǿ Ǿ | THROAT PLATE |
| 90 | 37730 | - | * | * | - | 1 | Ǿ Ǿ | THROAT PLATE |
| 91 | 33099 | * | - | - | - | 1 | f Ǿ Ǿ | BOBBIN |
| 91 | 38033 | - | * | * | - | 1 | f Ǿ Ǿ | BOBBIN |
| 92 | 37741 | - | * | * | - | 1 | J } y a J Ǿ Ǿ | ROTARY HOOK BASE COVER |
| 93 | 14013 | - | * | * | - | 3 | J } y a J Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ Ǿ | SCREW 9/64X40 L=5.5 |
| 94 | 37735-11 | - | * | * | - | 1 | Ǿ Ǿ h Ǿ Ǿ Ǿ Ǿ | ANTI-SPIN SPRING |

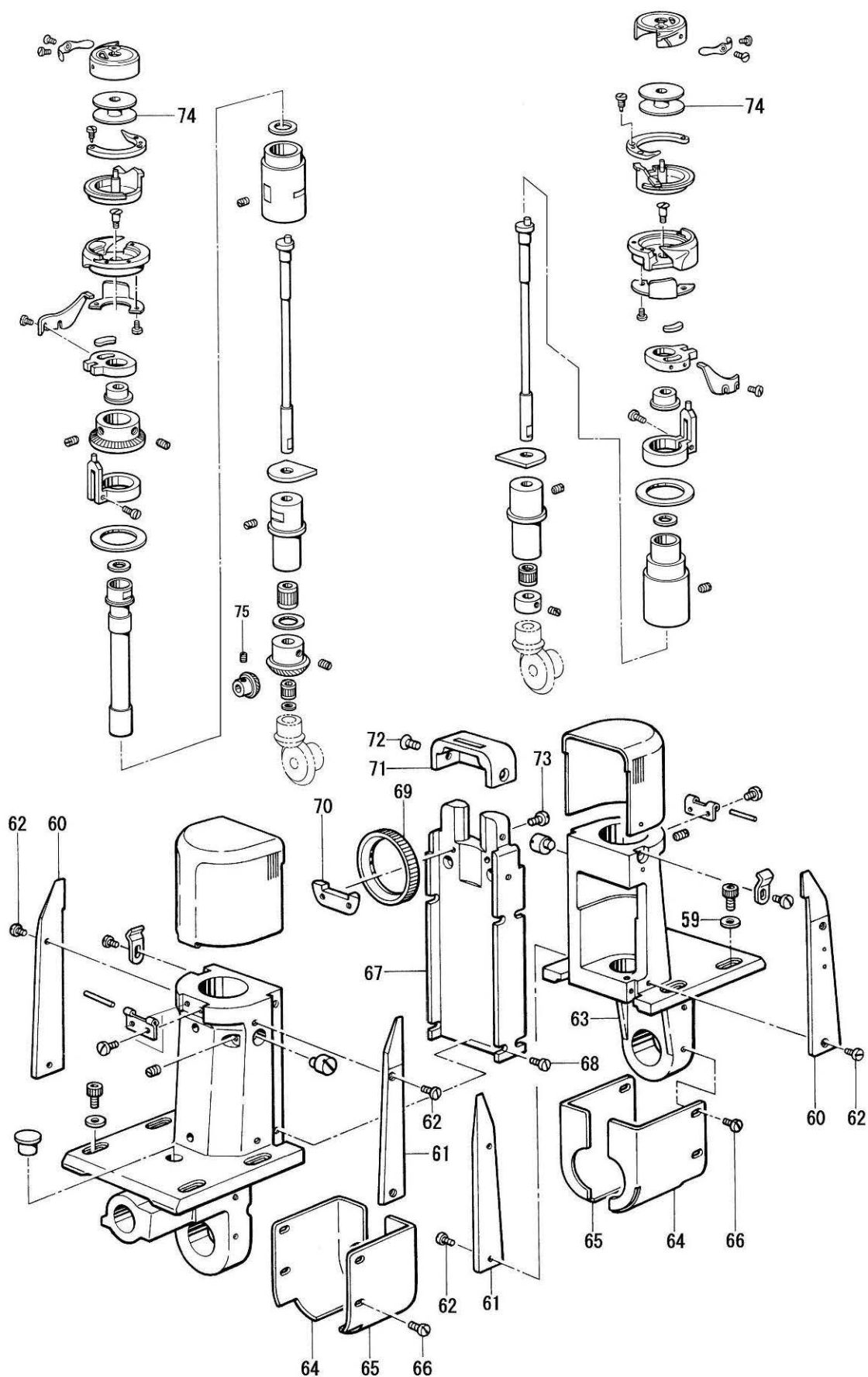
カマ関係/Rotary hook mechanism



J ǝ Ǟ W /Rotary hook mechanism

| № | 4 ǝ Ǟ Ǟ | 8GW-1 | 8GWC-1 | 8GWC-1-QNU | 22GW-1 | QTY | ǝ Ǟ | DESCRIPTION |
|----|-----------|-------|--------|------------|--------|-----|-----------------------------|-------------------------------------|
| 1 | 37274 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ | SCREW M5X0.8 L=20 |
| 2 | 37269 | - | - | - | * | 4 | ǝ ǝ ǝ ǝ | SCREW M3X0.5 L=6 |
| 3 | 37271 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ | FELT |
| 4 | 37270 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | OPENER BRACKET |
| 5 | 37582 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | FEED DOG GEAR |
| 6 | 37182 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M6X0.75@L=5 |
| 7 | 33507 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M6X0.75@L=4 |
| 8 | 33505 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | OPENER REGULATING@RING |
| 9 | 37134 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M2.5X0.45@L=2.5 |
| 10 | 37546 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | WASHER |
| 11 | 37259 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | BEARING (UPPER) |
| 12 | 37550 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | FEED GEAR SHAFT |
| 13 | 37551 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | THRUST BEARING |
| 14 | 37185 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M6X0.75@L=6 |
| 15 | 37258 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ | ROTARY HOOK SHAFT |
| 16 | 37559 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | FELT |
| 17 | 33504 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK BASE@BUSH@(LEFT) |
| 18 | 37263 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M6X1@L=10 |
| 19 | 37552 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | NEEDLE BEARING |
| 20 | 37548 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | FEED GEAR (LARGE) |
| 21 | 37549 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | FEED GEAR (SMALL) |
| 22 | 37116 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M6X0.75@L=5 |
| 23 | 33100 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | NEEDLE BEARING |
| 24 | 37266 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | FELT |
| 25 | 37262 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK SHAFT@BUSH@(LOWER) |
| 26 | 37263 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M6X1@L=10 |
| 27 | 37265 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK SHAFT@COLLAR |
| 28 | 37185 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M6X0.75@L=6 |
| 29 | 37553 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ T=0.1 | FEED GEAR SPACER@T=0.1 |
| 29 | 37554 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ T=0.15 | FEED GEAR SPACER@T=0.15 |
| 29 | 37555 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ T=0.2 | FEED GEAR SPACER@T=0.2 |
| 30 | 37556 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ T=0.1 | LOWER SHAFT GEAR@SPACER@T=0.1 |
| 30 | 37557 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ T=0.15 | LOWER SHAFT GEAR@SPACER@T=0.15 |
| 30 | 37558 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ T=0.2 | LOWER SHAFT GEAR@SPACER@T=0.2 |
| 31 | 37255 | - | - | - | * | 1 | ǝ ǝ (ǝ) | ROTARY HOOK COMPLETE |
| 32 | 37255-01 | - | - | - | * | 1 | ǝ ǝ ǝ | OUTER ROTARY HOOK |
| 33 | 37255-02 | - | - | - | * | 1 | ǝ ǝ ǝ | INNER ROTARY HOOK |
| 34 | 37255-03 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | INNER ROTARY HOOK@PRESSER |
| 35 | 37255-04 | - | - | - | * | 3 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | SCREW |
| 36 | 37255-05 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ | NEEDLE BRACKET |
| 37 | 37255-06 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | SCREW |
| 38 | 37255-07C | - | - | - | * | 1 | ǝ ǝ ǝ ǝ (ǝ) | HOOK CAP COMPLETE |
| 39 | 37255-08 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | BOBBIN CASE TENSION@SPRING |
| 40 | 37255-11 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | TENSION REGULATING@SCREW |
| 41 | 37255-12 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW |
| 42 | 37255-07 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ | CAP |
| 43 | 37268 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | BOBBIN CASE OPENER |
| 44 | 37544 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | OPENER ECCENTRIC@COLLAR |
| 45 | 37540 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK BASE@BUSH@(UPPERLEFT) |
| 46 | 37539 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ (ǝ) | ROTARY HOOK BASE@BUSH@(UPPERCRIGHT) |
| 47 | 37600C | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ (ǝ) | ROTARY HOOK COVER@COMPLETE |
| 48 | 37600 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK COVER |
| 49 | 37248 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK COVER@SUPPORT |
| 50 | 37249 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK COVER@PIN |
| 51 | 33097 | - | - | - | * | 4 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | SCREW M3X0.5 L=5 |
| 52 | 37538 | - | - | - | * | 1 | ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK BASE@LEFT) |
| 53 | 33171 | - | - | - | * | 1 | ǝ ǝ ǝ | RUBBER CAP |
| 54 | 37250 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | ROTARY HOOK COVER@SPRING |
| 55 | 33097 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M3X0.5@L=5 |
| 56 | 37541 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ ǝ | REGULATING PIN |
| 57 | 27170 | - | - | - | * | 2 | ǝ ǝ ǝ ǝ ǝ ǝ | SET SCREW M5X0.8@L=6 |
| 58 | 31021 | - | - | - | * | 8 | ǝ ǝ ǝ ǝ ǝ ǝ | BOLT M6X1 L=16 |

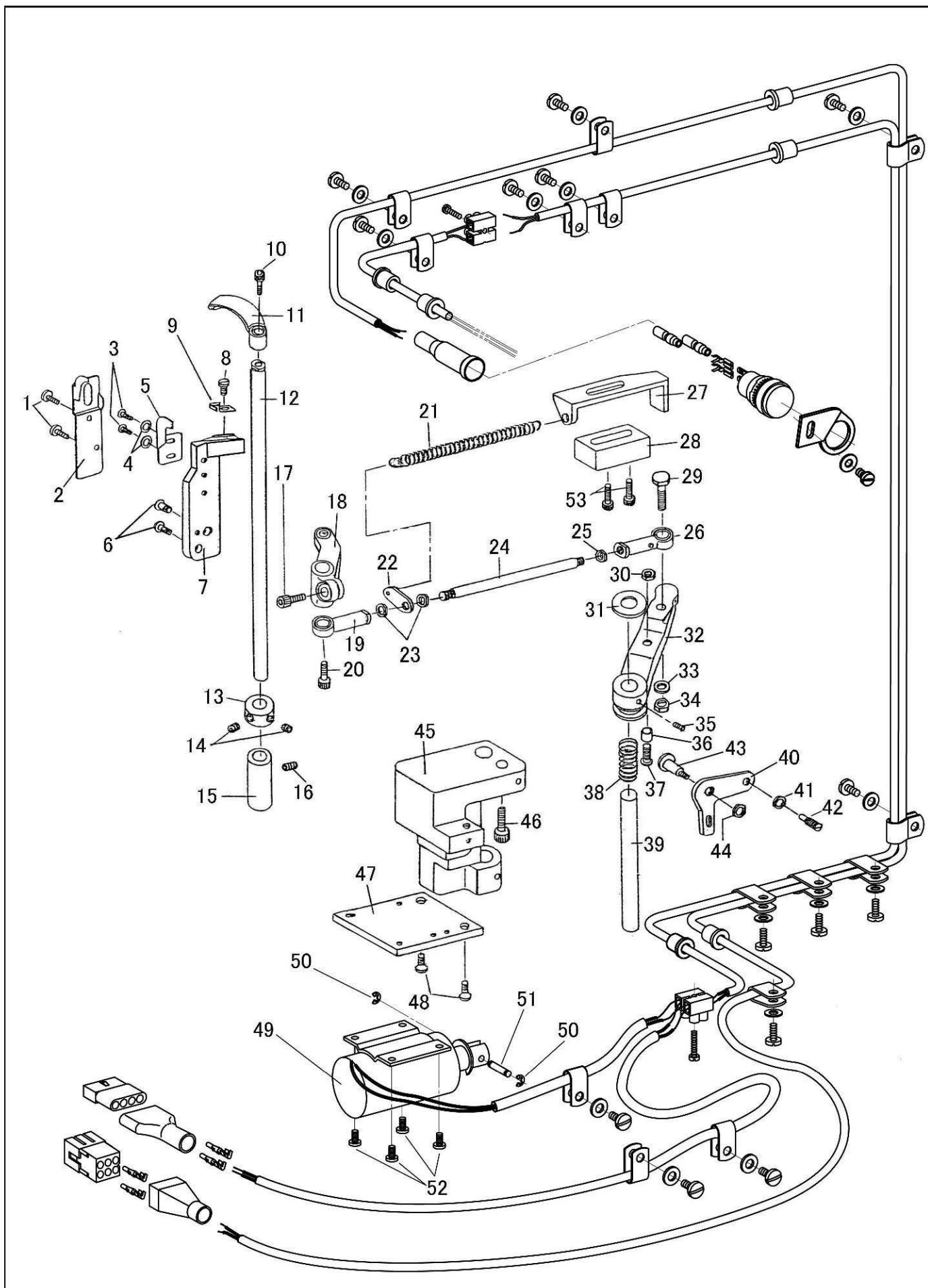
カム関係/Rotary hook mechanism



J } Œ W /Rotary hook mechanism

| # | PARTS # | 8CW-1 | 8CWC-1 | 8CWC-1-ONU | 22GW-1 | QTY | i. ¼ | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|-----------------------|-------------------------------------|
| | | | | | | | | |
| 59 | 33087 | - | - | - | * | 8 | À à | WASHER |
| 60 | 37245 | - | - | - | * | 2 | J } y a J Œ □ (O) | ROTARY HOOK BASE@COVER@(FRONT) |
| 61 | 37246 | - | - | - | * | 2 | J } y a J Œ □ (æ) | ROTARY HOOK COVER@(BACK) |
| 62 | 37214 | - | - | - | * | 8 | J } y a J Œ □ Œ ß þ Œ | SCREW M3X0.5 L=8 |
| 63 | 37537 | - | - | - | * | 1 | J } y a (E) | ROTARY HOOK BASE@(RIGHT) |
| 64 | 37252 | - | - | - | * | 1 | M f J Œ □ (□) | GEAR COVER (LEFT) |
| 65 | 37253 | - | - | - | * | 1 | M f J Œ □ (E) | GEAR COVER (RIGHT) |
| 66 | 33098 | - | - | - | * | 8 | ¼ ß þ Œ | PINCH SCREW M4X0.7@L=8 |
| 67 | 37572 | - | - | - | * | 1 | □ Å Œ a @1/16"(W □) | THROAT PLATE HOLDER@1/16"(STANDARD) |
| 68 | 33098 | - | - | - | * | 8 | ¼ ß þ Œ | PINCH SCREW M4X0.7@L=8 |
| 69 | 37580 | - | - | - | * | 1 | ¼ þ Œ | FEED DOG |
| 70 | 37581 | - | - | - | * | 1 | ¼ þ Œ Œ , Å | FEED DOG HOLDER |
| 71 | 37602 | - | - | - | * | 1 | □ Å @1/16"(W □) | THROAT PLATE 1/16"(STANDARD) |
| 72 | 37210 | - | - | - | * | 2 | Œ ß þ Œ | SCREW M4X0.7 L=6 |
| 73 | 37134 | - | - | - | * | 2 | Œ ß þ Œ | SCREW M4X0.7 L=4.5 |
| 74 | 33099 | - | - | - | * | 2 | f f Œ | BOBBIN |
| 75 | 37116 | - | - | - | * | 2 | Œ ß þ Œ | SET SCREW M6X0.75@L=5 |

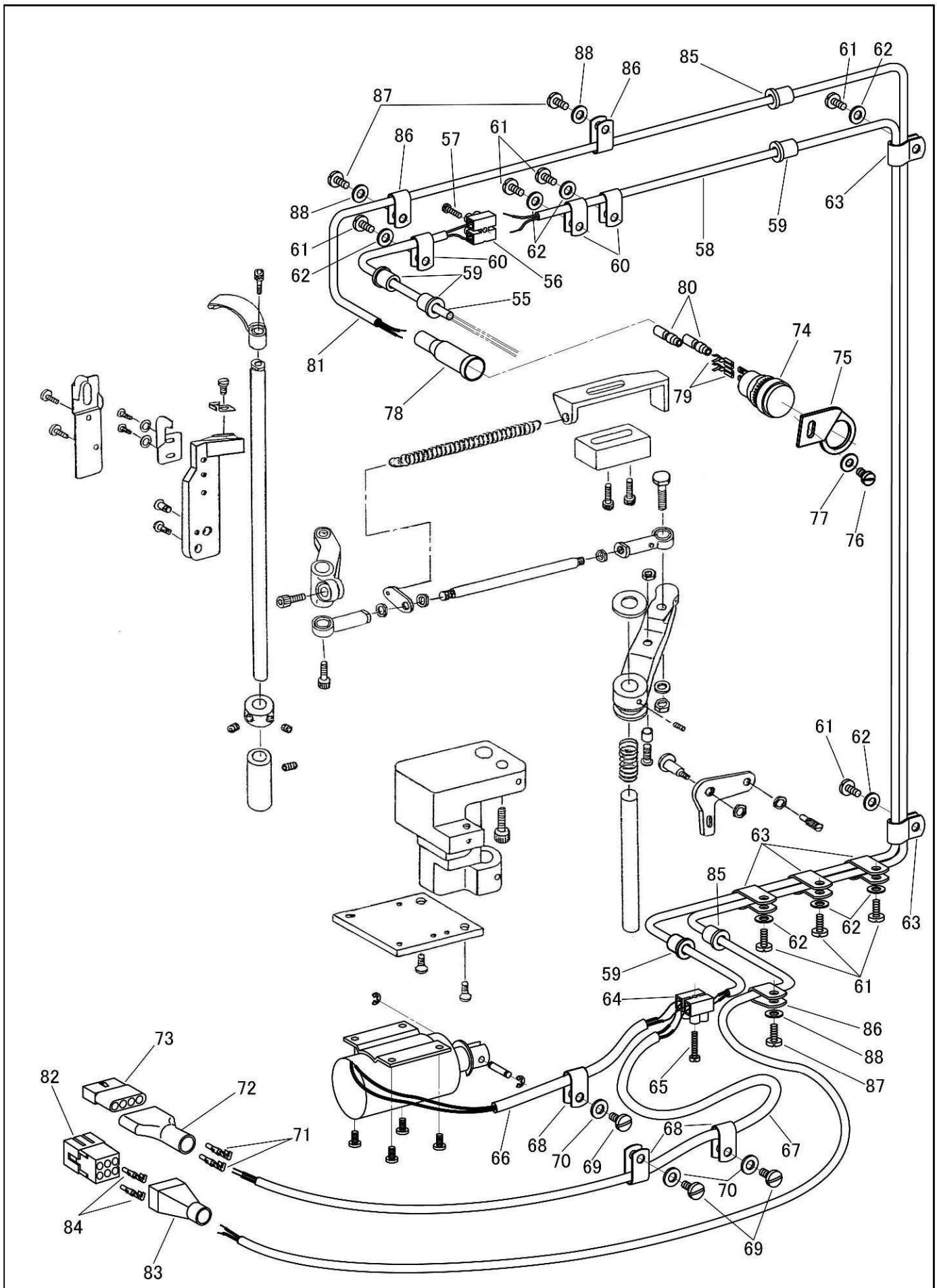
糸切り関係、針上げスイッチ/Thread trimmer mechanism, Needle up switch



Ž 0 6 Š W A j 0 0 , X C b j /Thread trimmer mechanism, Needle up switch

| № | № | 8GW-1 | 8GWC-1 | 8GWC-1-ONU | 22GW-1 | QTY | № | DESCRIPTION |
|----|----------|-------|--------|------------|--------|-----|----------|-------------------------------|
| 1 | 14013 | - | * | * | - | 2 | 14013 | SCREW 9/64X40@L=5.5 |
| 2 | 37746 | - | * | * | - | 1 | 37746 | SUPPORT BRACKETAFIXED KNIFE |
| 3 | 8100 | - | * | * | - | 2 | 8100 | SCREW 9/64X40 L=6.5 |
| 4 | 30025 | - | * | * | - | 2 | 30025 | WASHER |
| 5 | 37728 | - | * | * | - | 1 | 37728 | FIXED KNIFE |
| 6 | 6031-01 | - | * | * | - | 2 | 6031-01 | SCREW 11/64X40 L=8.3 |
| 7 | 37727 | - | * | * | - | 1 | 37727 | FIXED KNIFE BASE |
| 8 | 8031 | - | * | * | - | 1 | 8031 | SCREW 3/32X56 L=4.0 |
| 9 | 37729 | - | * | * | - | 1 | 37729 | THREAD TAKE-UP SPRING |
| 10 | 30075 | - | * | * | - | 1 | 30075 | SCREW M4X0.7 L=8.0 |
| 11 | 37720 | - | * | * | - | 1 | 37720 | MOVING KNIFE |
| 12 | 37721 | - | * | * | - | 1 | 37721 | MOVINGf KNIFE SHAFT |
| 13 | 37722 | - | * | * | - | 1 | 37722 | COLLAR |
| 14 | 18028 | - | * | * | - | 2 | 18028 | SET SCREW M5X0.8@L=5 |
| 15 | 37723 | - | * | * | - | 1 | 37723 | MOVING KNIFE SHAFT BUSH |
| 16 | 8103 | - | * | * | - | 1 | 8103 | SET SCREW 11/64X40 L=3.5 |
| 17 | 30066 | - | * | * | - | 1 | 30066 | PINCH SCREW M5X0.8 L=12.0 |
| 18 | 37724 | - | * | * | - | 1 | 37724 | MOVING KNIFE SHAFT CRANK |
| 19 | 90617 | - | * | * | - | 1 | 90617 | JOINT |
| 20 | 18065 | - | * | * | - | 1 | 18065 | SCREW M5X0.8 L=14.0 |
| 21 | 37718 | - | * | * | - | 1 | 37718 | SPRING |
| 22 | 37717 | - | * | * | - | 1 | 37717 | KNIFE SPRING PLATE |
| 23 | 4135 | - | * | * | - | 2 | 4135 | NUT |
| 24 | 37716 | - | * | * | - | 1 | 37716 | JOINT SCREW |
| 25 | 4135 | - | * | * | - | 1 | 4135 | NUT |
| 26 | 90617 | - | * | * | - | 1 | 90617 | JOINT |
| 27 | 37714 | - | * | * | - | 1 | 37714 | KNIFE CRANK SUPPORT PLATE |
| 28 | 37715 | - | * | * | - | 1 | 37715 | KNIFE CRANK STOPPER |
| 29 | 90618 | - | * | * | - | 1 | 90618 | SCREW M5X0.8L=18.0 |
| 30 | 50103 | - | * | * | - | 1 | 50103 | NUT |
| 31 | 38149 | - | * | * | - | 1 | 38149 | PACKING |
| 32 | 37709 | - | * | * | - | 1 | 37709 | KNIFE CRANK |
| 33 | 90625 | - | * | * | - | 1 | 90625 | WASHER |
| 34 | 4135 | - | * | * | - | 1 | 4135 | NUT |
| 35 | 11953 | - | * | * | - | 1 | 11953 | SET SCREW 7/32X32 L=5.5 |
| 36 | 8145-02 | - | * | * | - | 1 | 8145-02 | KNIFE BALL |
| 37 | 38146 | - | * | * | - | 1 | 38146 | KNIFE BALL SHAFT |
| 38 | 37711 | - | * | * | - | 1 | 37711 | SPRING |
| 39 | 37710 | - | * | * | - | 1 | 37710 | KNIFE CRANK SHAFT |
| 40 | 37712 | - | * | * | - | 1 | 37712 | CHANGING PLATE |
| 41 | 50409 | - | * | * | - | 1 | 50409 | NUT |
| 42 | 38158 | - | * | * | - | 1 | 38158 | CHANGING PLATE POSITION SCREW |
| 43 | 30068 | - | * | * | - | 1 | 30068 | STUD SCREW |
| 44 | 13076-01 | - | * | * | - | 1 | 13076-01 | NUT |
| 45 | 37708 | - | * | * | - | 1 | 37708 | SOLENOID BASE |
| 46 | 38124 | - | * | * | - | 2 | 38124 | SCREW M6X0.75 L=25.0 |
| 47 | 37713 | - | * | * | - | 1 | 37713 | PLATE |
| 48 | 6031-01 | - | * | * | - | 2 | 6031-01 | SCREW 11/64X40 L=8.3 |
| 49 | 30102 | - | * | * | - | 1 | 30102 | SOLENOID (24V) |
| 50 | 30124 | - | * | * | - | 2 | 30124 | "E" RING |
| 51 | 30105 | - | * | * | - | 1 | 30105 | PIN |
| 52 | 30122 | - | * | * | - | 4 | 30122 | SCREW M3X0.5 L=6.0 |
| 53 | 28068 | - | * | * | - | 2 | 28068 | SCREW M5X0.8 L=20 |

糸切り関係、針上げスイッチ/Thread trimmer mechanism, Needle up switch

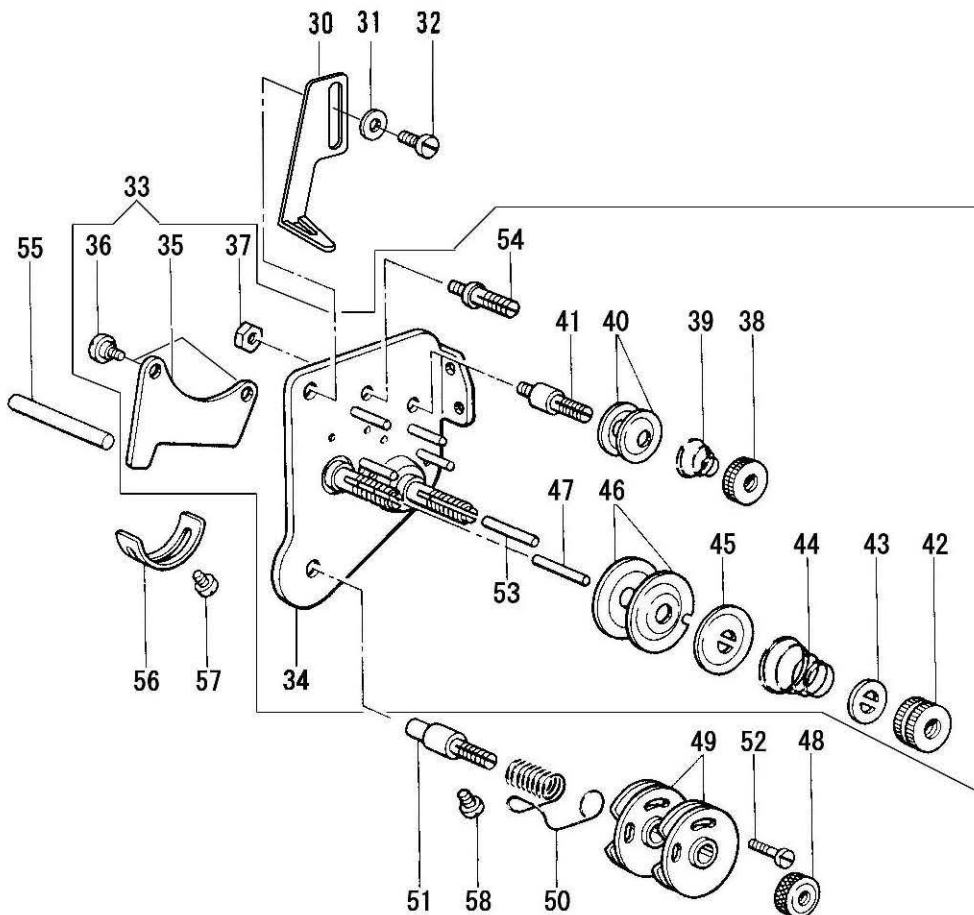
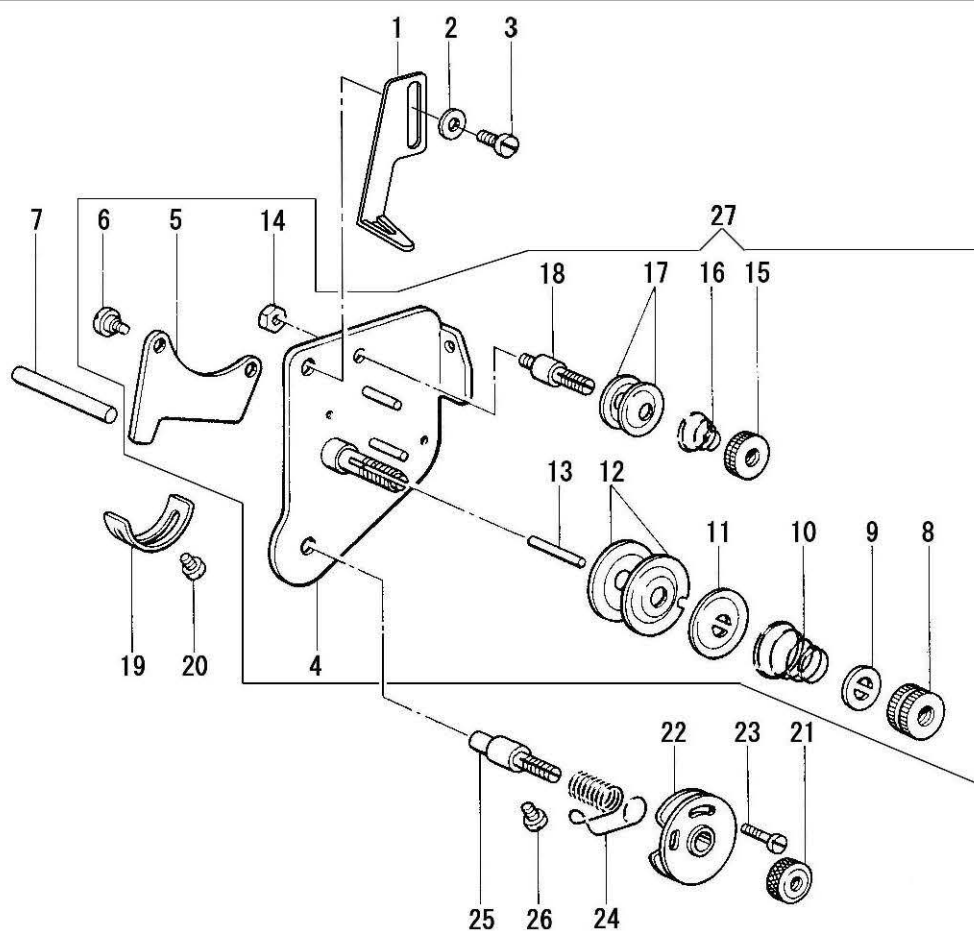


Ž 0 è Š W Aj 0 , X C b j /Thread trimmer mechanism, Needle up switch

| # | 4 i 0 0 | 8GW-1 | 8GWC-1 | 8GWC-1-ONU | 22GW-1 | 0 0 | 0 0 | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|-------------------------------------|---------------------------|
| # | PARTS # | | | | | QTY | | |
| 55 | 18364 | - | * | * | - | 1 | 0 0 j f. 0 0 | PROTECTING TUBE |
| 56 | 35952 | - | * | * | - | 1 | 0 0 a | CABLE CONNECTOR |
| 57 | 35971 | - | * | * | - | 1 | 0 0 a Š 0 0 0 | SCREW M2.5X0.45 L=12 |
| 58 | 37705 | - | * | * | - | 1 | P 0 0 f | CABLE |
| 59 | 38013 | - | * | * | - | 4 | R 0 0 S 0 0 b v f. | RUBBER PLUG |
| 60 | 30022 | - | * | * | - | 3 | P 0 0 f N 0 0 y | CLAMP |
| 61 | 8040 | - | * | * | - | 8 | N 0 0 y Š 0 0 0 | SCREW 9/64X40@L=8 |
| 62 | 30025 | - | * | * | - | 8 | N 0 0 y 0 0 b v f 0 | WASHER |
| 63 | 30022 | - | * | * | - | 5 | P 0 0 f N 0 0 y | CLAMP |
| 63 | 30625 | - | * | * | - | 5 | P 0 0 f N 0 0 y i 4 i | CLAMP (MEDIUM) |
| 64 | 35952 | - | * | * | - | 1 | 0 0 a | CABLE CONNECTOR |
| 65 | 35971 | - | * | * | - | 1 | 0 0 a Š 0 0 0 | SCREW M2.5X0.45 L=12 |
| 66 | 18364 | - | * | * | - | 1 | 0 0 j f. 0 0 | PROTECTING TUBE |
| 67 | 37750 | - | * | * | - | 1 | P 0 0 f i 2CX0.5i | CABLE |
| 68 | 30022 | - | * | * | - | 3 | N 0 0 y | CLAMP |
| 69 | 8040 | - | * | * | - | 3 | N 0 0 y Š 0 0 0 | SCREW 9/64X40 L=8 |
| 70 | 30025 | - | * | * | - | 3 | N 0 0 y 0 0 b v f 0 | WASHER |
| 71 | 30187 | - | * | * | - | 2 | R 0 0 N 0 0 s y | CONNECTOR PIN |
| 72 | 30150 0 | - | * | * | - | 1 | S 0 0 j 0 0 i 4Pi | CONNECTOR COVER (4P) |
| 73 | 50665 0 | - | * | * | - | 1 | R 0 0 N 0 0 i 4Ri | CONNECTOR (4P) |
| 74 | 39293 | - | * | * | - | 1 | 0 0 , X C b j i q i | NEEDLE UP SWITCH COMPLETE |
| 75 | 39207 | - | * | * | - | 1 | 0 0 , X C b j a | NEEDLE UP SWITCH BRACKET |
| 76 | 37254 | - | * | * | - | 1 | 0 0 , X C b j a Š 0 0 0 | SCREW M4X0.7 L=8 |
| 77 | 11142 | - | * | * | - | 1 | 0 0 , X C b j a Š 0 0 0 0 b v f 0 | WASHER |
| 78 | 36442 | - | * | * | - | 1 | X C b j j 0 0 | SWITCH COVER |
| 79 | 39295 | - | * | * | - | 2 | R 0 0 N 0 0 s y i X C b j a i | PIN CONTACT |
| 80 | 39296 | - | * | * | - | 2 | R 0 0 N 0 0 s y j 0 0 i X C b j a i | PIN CONTACT COVER |
| 81 | 37753 | - | * | * | - | 1 | P 0 0 f | CABLE |
| 82 | 30185 0 | - | * | * | - | 1 | R 0 0 N 0 0 i R y g 0 0 f a i | CONNECTOR |
| 83 | 30151 0 | - | * | * | - | 1 | R 0 0 N 0 0 j 0 0 i R y g 0 0 f a i | CONNECTOR COVER |
| 84 | 30186 | - | * | * | - | 2 | s y R y g N g i R y g 0 0 f a i | PIN CONTACT |
| 85 | 38013 | - | * | * | - | 2 | R 0 0 S 0 0 b v f. | RUBBER PLUG |
| 86 | 30022 | - | * | * | - | 3 | P 0 0 f N 0 0 y | CLAMP |
| 87 | 8040 | - | * | * | - | 3 | N 0 0 y Š 0 0 0 | SCREW 9/64X40@L=8 |
| 88 | 30025 | - | * | * | - | 3 | N 0 0 y 0 0 b v f 0 | WASHER |

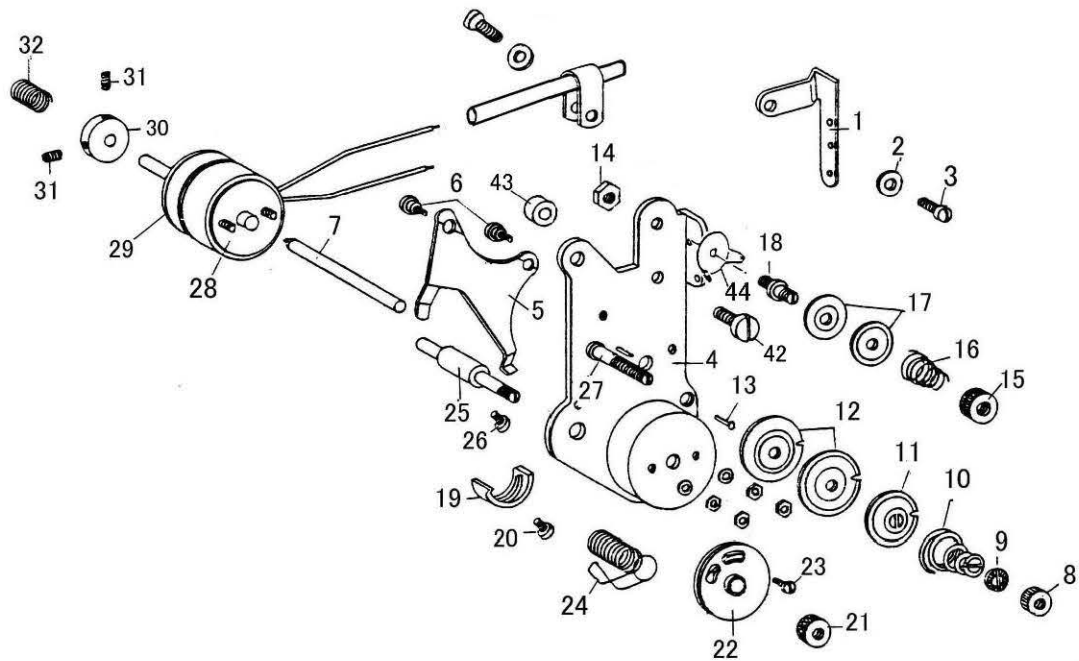
0 Connector and connector cover depend on the motor to use.

糸調子関係/Tread tension



Ž ² ħ Š W /Thread tension

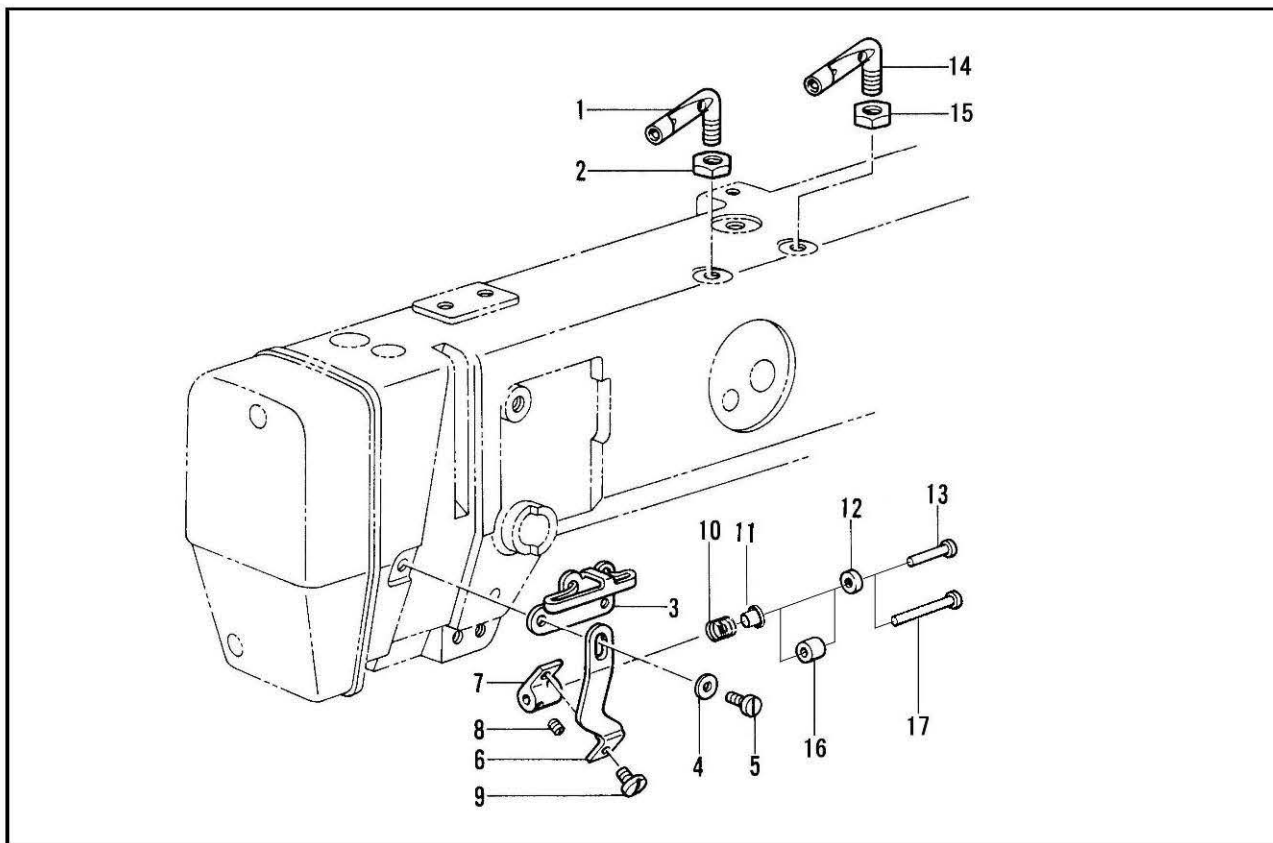
| № | и 0 田 | 8CW-1 | 8CWC-1 | 8CWC-1-ONU | 22GW-1 | 田 田 | и ¼ | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|---------------------|---------------------------|
| № | PARTS № | | | | | QTY | | |
| 1 | 37275 | * | - | - | - | 1 | Ž ² ħ Ž Š , | THREAD GUIDE |
| 2 | 33139 | * | - | - | - | 1 | À à | WASHER |
| 3 | 33141 | * | - | - | - | 1 | Š ß ð | SCREW SM11/64X32@L=9 |
| 4 | 33104 | * | - | - | - | 1 | ² ħ À | TENSION PLATE |
| 5 | 10678 | * | - | - | - | 1 | Ž Š ß À | TENSION RELEASE@PLATE |
| 6 | 10679 | * | - | - | - | 2 | í ð | STUD SCREW Š 3.4X36@ |
| 7 | 37278 | * | - | - | - | 1 | Ž Š ß Š Ÿ | TENSION RELEASE@PIN |
| 8 | 33105 | * | - | - | - | 1 | 田 田 田 田 田 田 | NUT |
| 9 | 28206 | * | - | - | - | 1 | 田 田 田 田 田 田 | STOPPER |
| 10 | 33135 | * | - | - | - | 1 | Ž ² ħ î ð | TENSION SPRING |
| 11 | 33151 | * | - | - | - | 1 | Š é 田 | TENSION DISC WASHER |
| 12 | 33150 | * | - | - | - | 2 | ² ħ 田 | TENSION DISC |
| 13 | 10793 | * | - | - | - | 1 | Ž Š ß í Š Ÿ | PIN |
| 14 | 10652 | * | - | - | - | 1 | í 田 | NUT |
| 15 | 33155 | * | - | - | - | 1 | æ é ² ħ 田 田 田 田 | TENSION THUMB NUT |
| 16 | 33156 | * | - | - | - | 1 | æ é ² ħ = X v Š Ÿ 田 | SPRING |
| 17 | 20224 | * | - | - | - | 2 | æ é ² ħ 田 | TENSION DISC |
| 18 | 33160 | * | - | - | - | 1 | æ é ² ħ = (A) | TENSION STUD |
| 19 | 10690 | * | - | - | - | 1 | X v Š Ÿ 田 Š , | SPRING STOPPER |
| 20 | 33134 | * | - | - | - | 1 | Š ß ð | SET SCREW SM9/64X40@L=6 |
| 21 | 19534 | * | - | - | - | 1 | 田 田 田 田 田 田 | NUT |
| 22 | 10694 | * | - | - | - | 1 | 田 田 田 | THREAD CONTROLLER |
| 23 | 33136 | * | - | - | - | 1 | Š ß ð | SET SCREW SM3/32X80@L=6.5 |
| 24 | 10689 | * | - | - | - | 1 | Ž š ¼ X v Š Ÿ 田 | SPRING |
| 25 | 33149 | * | - | - | - | 1 | Ž ² ħ = | TENSION STUD |
| 26 | 10545 | * | - | - | - | 1 | Š ß ð | SET SCREW SM11/64X32@L=14 |
| 27 | 33104C | * | - | - | - | 1 | ² ħ À (g) | TENSION PLATE COMPLETE |
| 30 | 37275 | - | - | - | * | 1 | Ž ² ħ Ž Š , | THREAD GUIDE |
| 31 | 33139 | - | - | - | * | 1 | À à | WASHER |
| 32 | 33140 | - | - | - | * | 1 | Š ß ð | SCREW SM11/64X32@L=9 |
| 33 | 33510C | - | - | - | * | 1 | ² ħ À (g) | TENSION PLATE COMPLETE |
| 34 | 33510 | - | - | - | * | 1 | ² ħ À | TENSION PLATE |
| 35 | 10678 | - | - | - | * | 1 | Ž Š ß À | TENSION RELEASE@PLATE |
| 36 | 10679 | - | - | - | * | 2 | í ð | STUD SCREW Š 3.4X36@ |
| 37 | 10652 | - | - | - | * | 1 | í 田 | NUT |
| 38 | 33155 | - | - | - | * | 2 | æ é ² ħ 田 田 田 田 | TENSION THUMB NUT |
| 39 | 33156 | - | - | - | * | 2 | æ é ² ħ = X v Š Ÿ 田 | SPRING |
| 40 | 20224 | - | - | - | * | 4 | æ é ² ħ 田 | TENSION DISC |
| 41 | 33501 | - | - | - | * | 1 | æ é ² ħ = (B) | TENSION STUD |
| 42 | 33105 | - | - | - | * | 2 | 田 田 田 田 田 田 | NUT |
| 43 | 28206 | - | - | - | * | 2 | 田 田 田 田 田 田 | STOPPER |
| 44 | 33135 | - | - | - | * | 2 | Ž ² ħ î ð | TENSION SPRING |
| 45 | 33151 | - | - | - | * | 2 | Š é 田 | TENSION DISC WASHER |
| 46 | 33150 | - | - | - | * | 4 | ² ħ 田 | TENSION DISC |
| 47 | 10957 | - | - | - | * | 2 | Ž Š ß í Š Ÿ (Z) | PIN (SHORT) |
| 48 | 19534 | - | - | - | * | 1 | 田 田 田 田 田 田 | NUT |
| 49 | 10694 | - | - | - | * | 2 | 田 田 田 | THREAD CONTROLLER |
| 50 | 10953 | - | - | - | * | 1 | Ž š ¼ X v Š Ÿ 田 | SPRING |
| 51 | 10951 | - | - | - | * | 1 | Ž ² ħ = | TENSION STUD |
| 52 | 33500 | - | - | - | * | 1 | Š ß ð | SET SCREW SM3/32X80@L=12 |
| 53 | 10952 | - | - | - | * | 1 | Ž Š ß í Š Ÿ (·) | PIN (LONG) |
| 54 | 33160 | - | - | - | * | 1 | æ é ² ħ = (A) | TENSION STUD |
| 55 | 37278 | - | - | - | * | 1 | Ž Š ß Š Ÿ | TENSION RELEASE@PIN |
| 56 | 10690 | - | - | - | * | 1 | X v Š Ÿ 田 Š , | SPRING STOPPER |
| 57 | 33134 | - | - | - | * | 1 | Š ß ð | SCREW SM9/64X40@L=6 |
| 58 | 10545 | - | - | - | * | 1 | Š ß ð | SET SCREW SM11/64X32@L=14 |



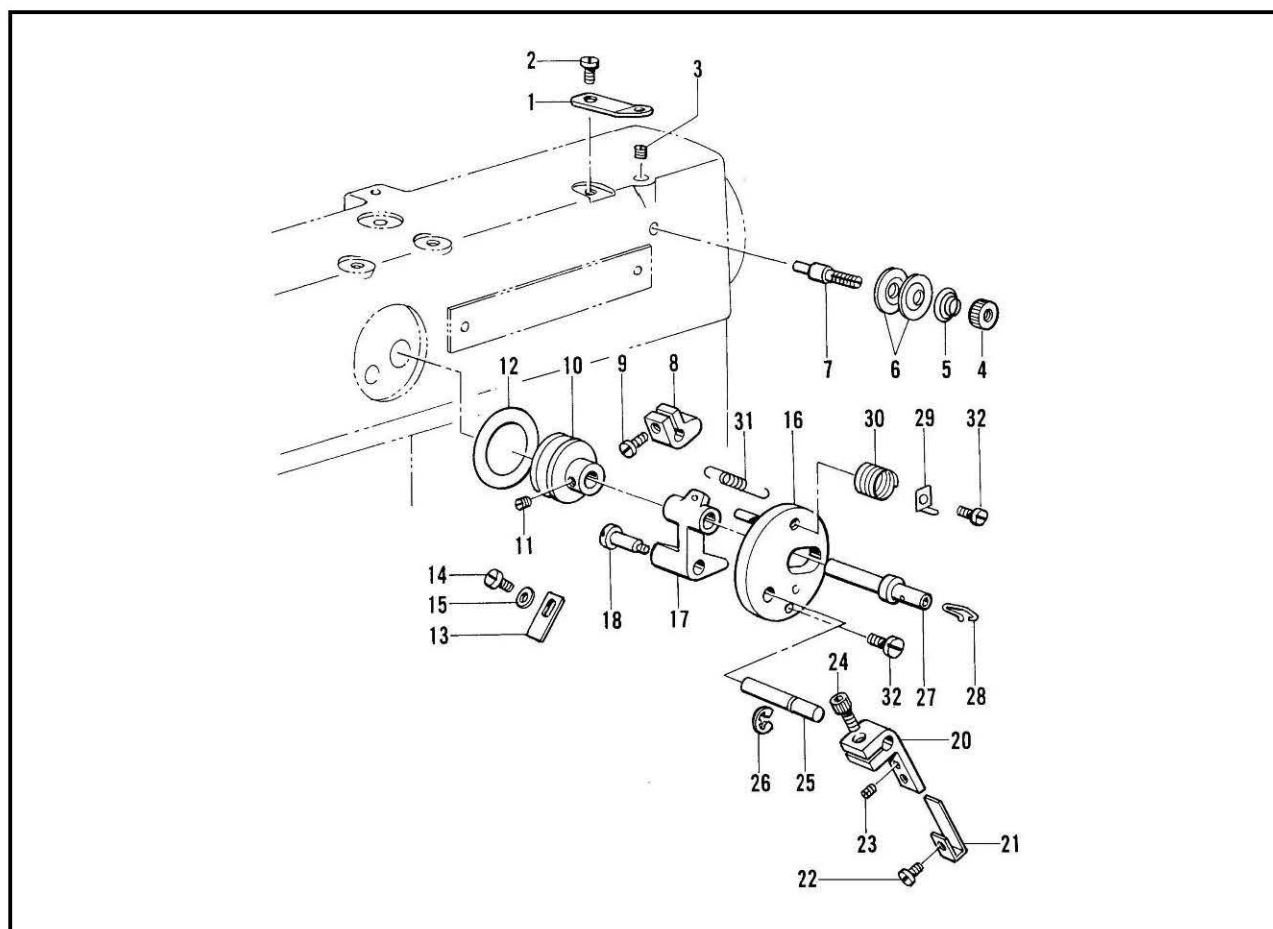
Ž ² ħ Š W /Thread tension

| № | PARTS | 8GW-1 | 8GWC-1 | 8GWC-1-QNU | 22GW-1 | QTY | DESCRIPTION |
|----|----------|-------|--------|------------|--------|-----|---------------------------|
| 1 | 35727 | - | * | * | - | 1 | THREAD GUIDE |
| 2 | 33139 | - | * | * | - | 1 | WASHER |
| 3 | 15055 | - | * | * | - | 1 | SCREW SM11/64X32@L=9 |
| 4 | 17377C | - | * | * | - | 1 | TENSION BRACKET@COMPLETE |
| 5 | 30010 | - | * | * | - | 1 | TENSION RELEASE@PLATE |
| 6 | 10679 | - | * | * | - | 2 | STUD SCREW@3.4X36@ |
| 7 | 37278 | - | * | * | - | 1 | TENSION RELEASE@PIN |
| 8 | 37279 | - | * | * | - | 1 | NUT |
| 9 | 28206 | - | * | * | - | 1 | STOPPER |
| 10 | 10693 | - | * | * | - | 1 | TENSION SPRING |
| 11 | 19532 | - | * | * | - | 1 | TENSION DISC@WASHER |
| 12 | 19531 | - | * | * | - | 2 | TENSION DISC |
| 13 | 10793 | - | * | * | - | 1 | PIN |
| 14 | 10652 | - | * | * | - | 1 | NUT |
| 15 | 20225 | - | * | * | - | 1 | TENSION THUMB@NUT |
| 16 | 20226-01 | - | * | * | - | 1 | SPRING |
| 17 | 20224 | - | * | * | - | 2 | TENSION DISC |
| 18 | 20223 | - | * | * | - | 1 | TENSION STUD |
| 19 | 10690 | - | * | * | - | 1 | SPRING STOPPER |
| 20 | 8100 | - | * | * | - | 1 | SET SCREW@3.4X36@L=6 |
| 21 | 19534 | - | * | * | - | 1 | NUT |
| 22 | 10694 | - | * | * | - | 1 | THREAD CONTROLLER |
| 23 | 10695 | - | * | * | - | 1 | SET SCREW@SM3/32X80@L=6.5 |
| 24 | 10689 | - | * | * | - | 1 | SPRING |
| 25 | 19512 | - | * | * | - | 1 | TENSION STUD |
| 26 | 10545 | - | * | * | - | 1 | SET SCREW@SM11/64X32@L=14 |
| 27 | 19511 | - | * | * | - | (1) | TENSION STUD |
| 28 | 30006 | - | * | * | - | 1 | TENSION SOLENOID@24Vj |
| 29 | 30007 | - | * | * | - | 1 | PACKING |
| 30 | 30008 | - | * | * | - | 1 | COLLAR |
| 31 | 10630 | - | * | * | - | 2 | SCREW |
| 32 | 30009 | - | * | * | - | 1 | SPRING |
| 42 | 6604 | - | * | * | - | 1 | SCREW |
| 43 | 18304 | - | * | * | - | 1 | WASHER |

糸調子関係/Tread tension



糸巻き関係/Bobbin winder mechanism



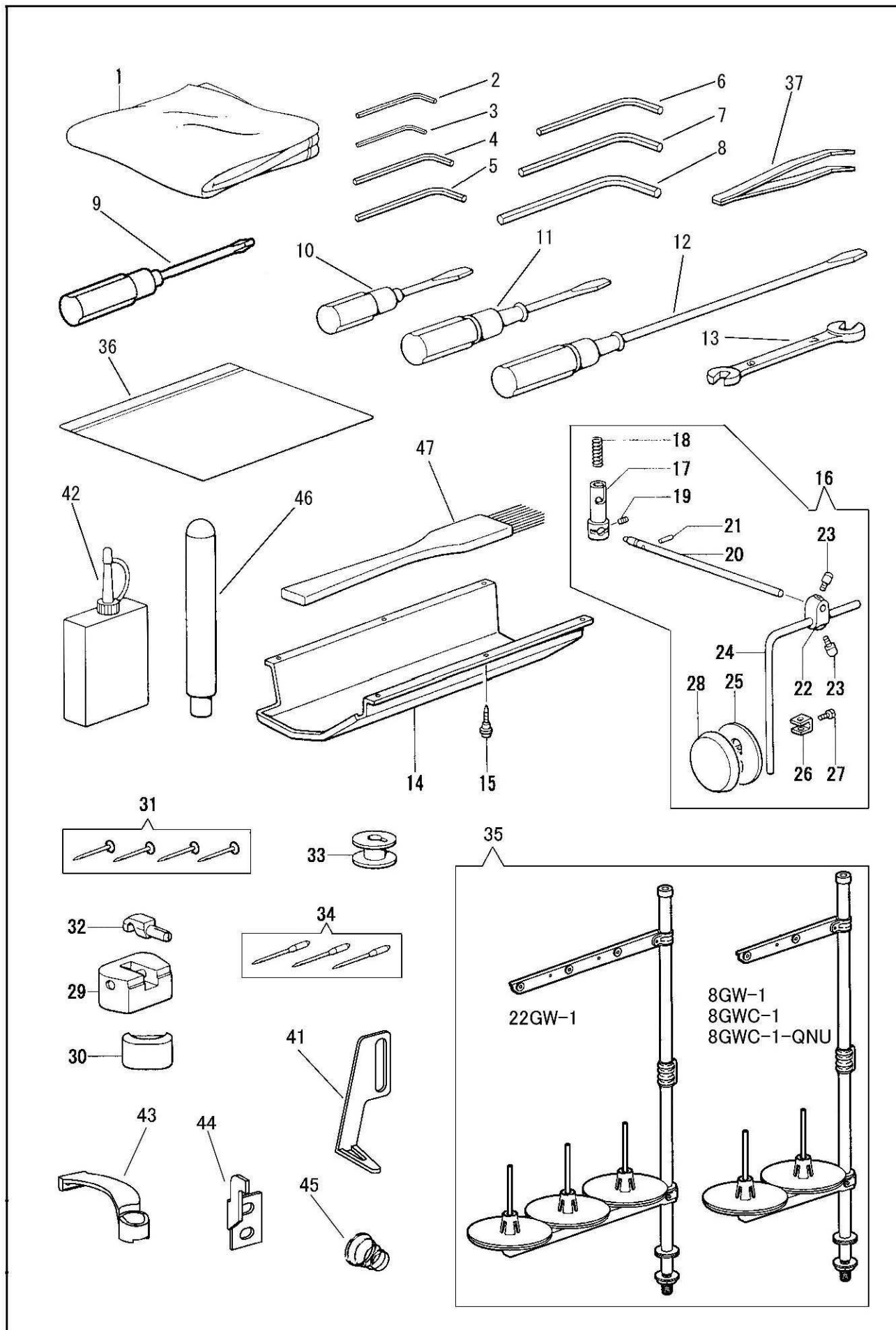
Ž ² Š Š W /Thread tension

| № | PARTS № | 8GW-1 | 8GWC-1 | 8GWC-1-QNU | 22GW-1 | QTY | № | DESCRIPTION |
|----|----------|-------|--------|------------|--------|-----|----|-------------------------|
| 1 | 11006 | * | * | * | * | 1 | A | THREAD GUIDE |
| 2 | 13076-02 | * | * | * | * | 1 | if | NUT 7/32X40 |
| 3 | 37281 | * | * | * | * | 1 | Ž | THREAD GUIDE |
| 4 | 16287 | * | * | * | * | 1 | À | WASHER |
| 5 | 37009 | * | * | * | * | 1 | ° | PINCH SCREW M5X0.8@L=16 |
| 6 | 37289 | * | * | * | * | 1 | Ž | THREAD GUIDE HOLDER |
| 7 | 37287 | * | * | * | * | 1 | Ž | THREAD GUIDE HOLDER |
| 8 | 37283 | * | * | * | * | 1 | Ž | SET SCREW M4X0.7@L=3 |
| 9 | 37288 | * | * | * | * | 1 | Ž | SET SCREW M4X0.7@L=5 |
| 10 | 37286 | * | * | * | * | 1 | Ž | THREAD GUIDE SPRING |
| 11 | 37284 | * | * | * | * | 1 | Ž | THREAD GUIDE COLLAR |
| 12 | 37285 | * | * | * | * | 1 | Ž | THREAD GUIDE RING |
| 13 | 37282 | * | * | * | * | 1 | Ž | THREAD GUIDE PIN |
| 14 | 11006 | - | - | - | * | 1 | A | THREAD GUIDE |
| 15 | 13076-02 | - | - | - | * | 1 | if | NUT SM7/32X40 |
| 16 | 37589 | - | - | - | * | 1 | Ž | THREAD GUIDE COLLAR |
| 17 | 33511 | - | - | - | * | 1 | Ž | THREAD GUIDE PIN |

@ Ž Š Š W /Bobbin winder mechanism@

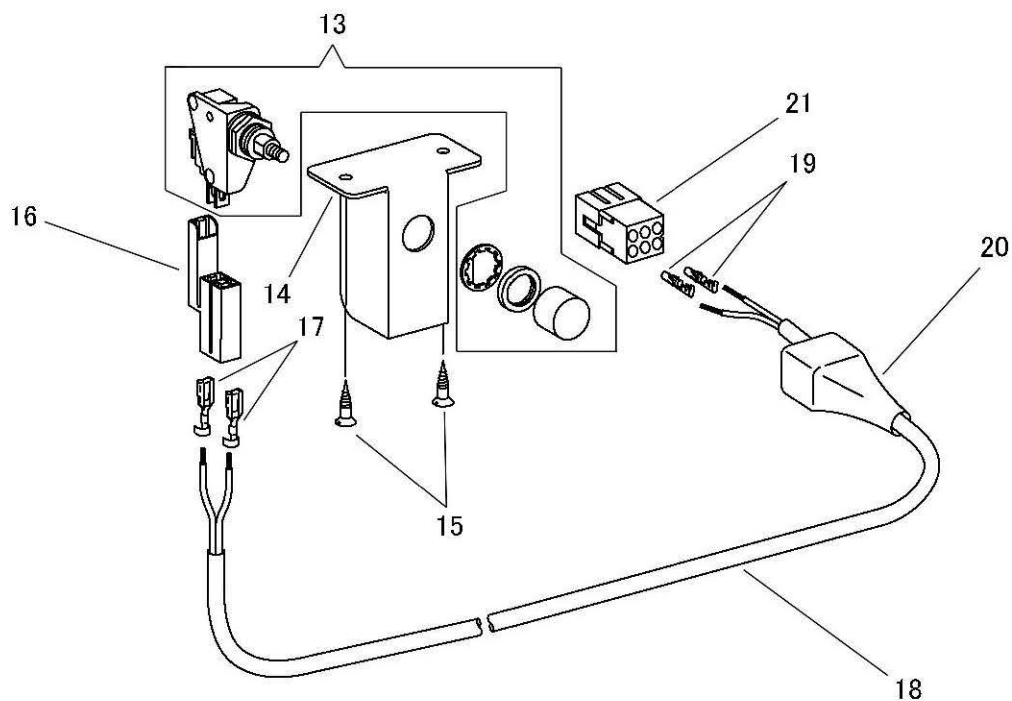
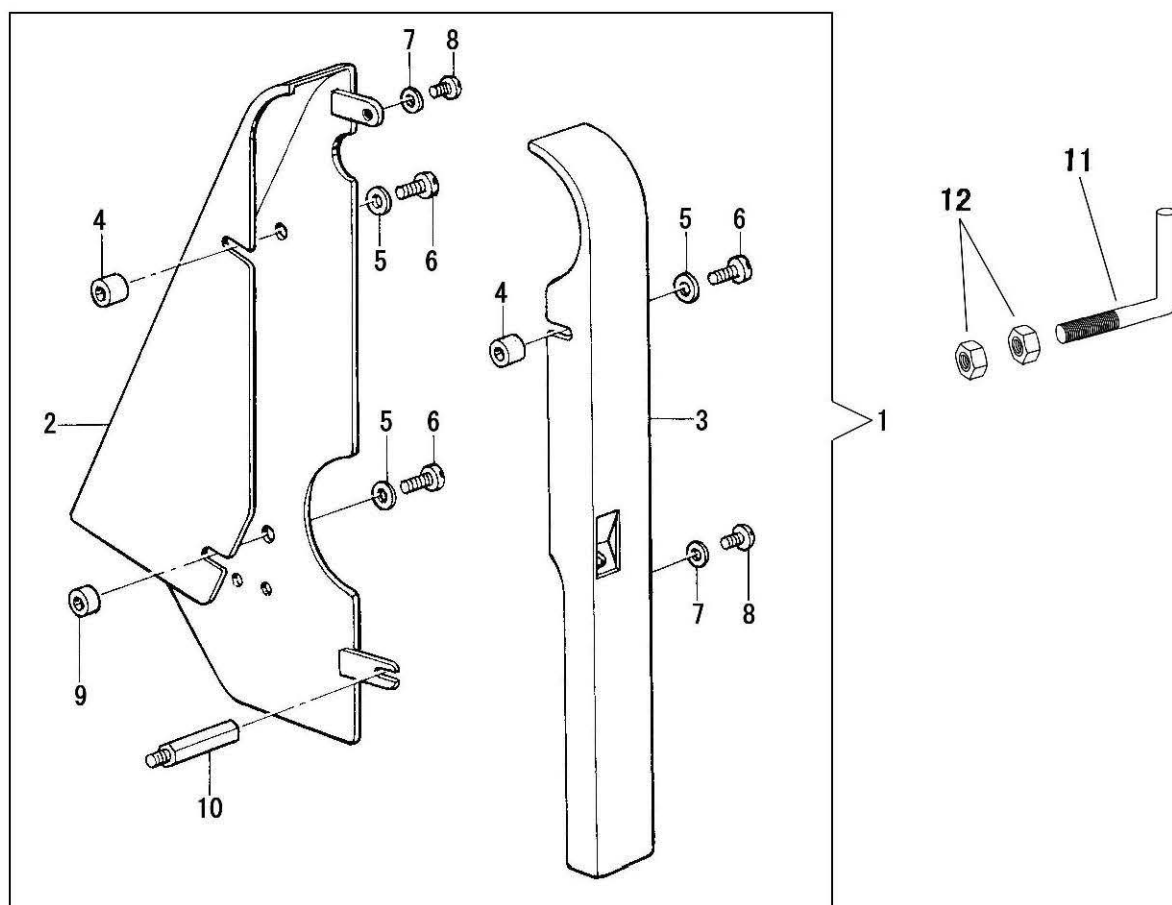
| № | PARTS № | 8GW-1 | 8GWC-1 | 8GWC-1-QNU | 22GW-1 | QTY | № | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|---|---|
| 1 | 33121 | * | * | * | * | 1 | Ž | PIN |
| 2 | 8040 | * | * | * | * | 1 | Ž | SCREW SM9/64X40 L=8 |
| 3 | 33169 | * | * | * | * | 1 | Ž | SET SCREW SM3/32X32@L=9 |
| 4 | 8079 | * | * | * | * | 1 | Ž | NUT |
| 5 | 33135 | * | * | * | * | 1 | Ž | BOBBIN WINDER TENSION@SPRING |
| 6 | 33131 | * | * | * | * | 2 | Ž | BOBBIN WINDER REGULATING@TENSION DISC |
| 7 | 33201 | * | * | * | * | 1 | Ž | BOBBIN WINDER REGULATING@STUD |
| 8 | 28188 | * | * | * | * | 1 | Ž | SPRING HOLDER |
| 9 | 27174 | * | * | * | * | 1 | Ž | PINCH SCREW M4X0.7@L=10 |
| 10 | 28184 | * | * | * | * | 1 | Ž | BOBBIN WINDER WHEEL |
| 11 | 33122 | * | * | * | * | 2 | Ž | SET SCREW SM11/64X40@L=6 |
| 12 | 28193 | * | * | * | * | 1 | Ž | BOBBIN WINDER RIBBER@RING |
| 13 | 28187 | * | * | * | * | 1 | Ž | BOBBIN WINDER SPRING@PLATE |
| 14 | 33127 | * | * | * | * | 1 | Ž | SCREW SM9/64X40 L=6 |
| 15 | 28194 | * | * | * | * | 1 | À | WASHER |
| 16 | 33166 | * | * | * | * | 1 | Ž | BOBBIN WINDER BRACKET |
| 17 | 35945 | * | * | * | * | 1 | Ž | BOBBIN WINDER SHAFT@HOLDER |
| 18 | 28183 | * | * | * | * | 1 | Ž | STUD SCREW M4X0.7 |
| 20 | 35947 | * | * | * | * | 1 | Ž | BOBBIN WINDER LEVER |
| 21 | 33147 | * | * | * | * | 1 | Ž | BOBBIN WINDER REGULATING@SPRING PLATE |
| 22 | 10597 | * | * | * | * | 1 | Ž | SCREW SM1/8X40 L=5 |
| 23 | 33132 | * | * | * | * | 1 | Ž | BOBBIN@WINDER@REGULATING@SCREW@SM1/8X40 |
| 24 | 33161 | * | * | * | * | 1 | Ž | PINCH SCREW M5X0.8@L=10 |
| 25 | 33158 | * | * | * | * | 1 | Ž | BOBBIN WINDER LEVER@SHAFT |
| 26 | 33126 | * | * | * | * | 1 | Ž | STOP RING |
| 27 | 37291 | * | * | * | * | 1 | Ž | BOBBIN WINDER SHAFT |
| 28 | 35949 | * | * | * | * | 1 | Ž | BOBBIN HOOK |
| 29 | 33165 | * | * | * | * | 1 | Ž | THREAD TRIMMER KNIFE |
| 30 | 33164 | * | * | * | * | 1 | Ž | THREAD TRIMMER SPRING |
| 31 | 33157 | * | * | * | * | 1 | Ž | BOBBIN WINDER RETURN@SPRING |
| 32 | 33128 | * | * | * | * | 2 | Ž | SCREW SM9/64X40 L=11.5 |

付属品関係/Accessories



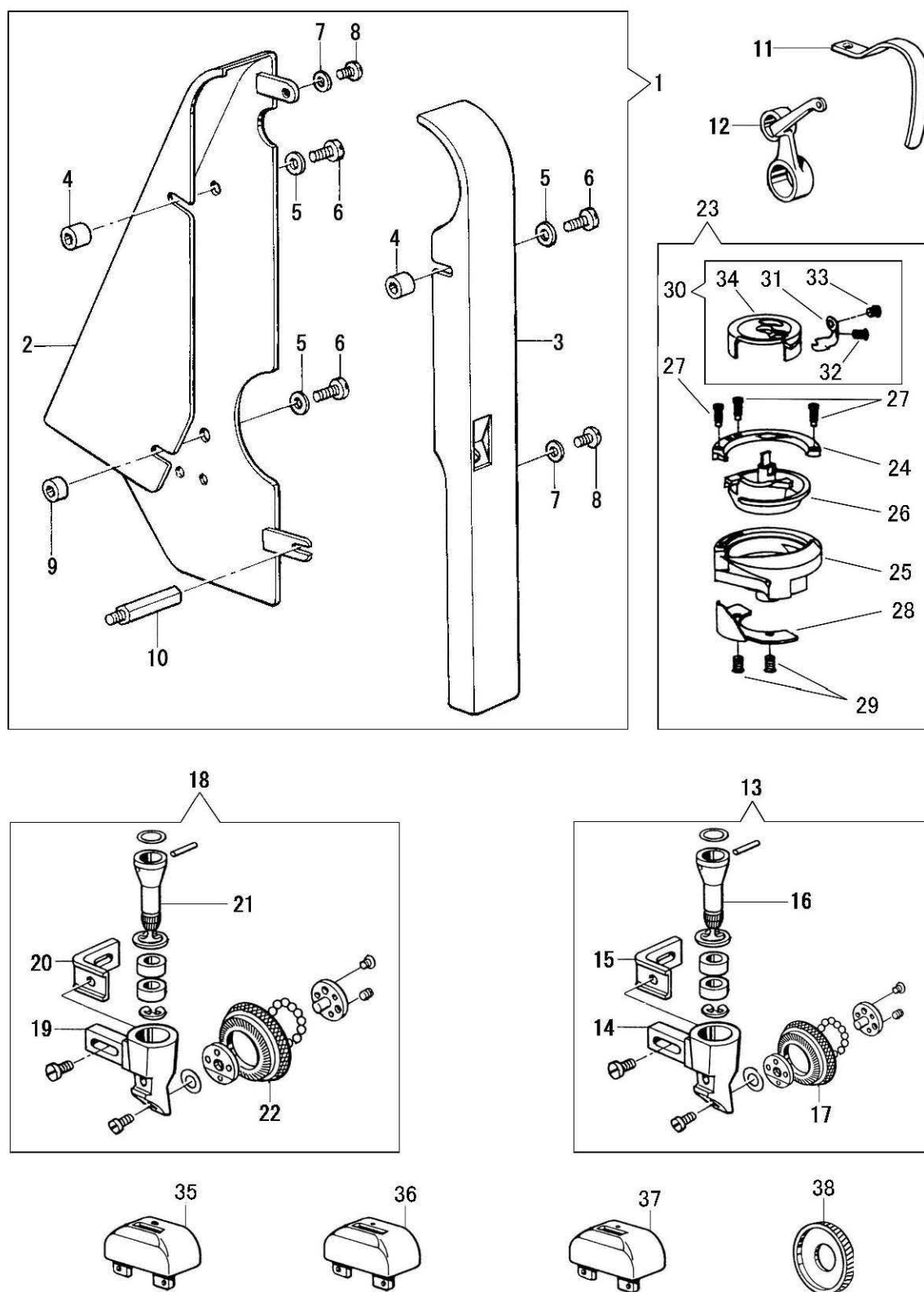
Accessories

| # | PARTS # | 8GW-1 | 8GWC-1 | 8GWC-1-ONU | 22GW-1 | QTY | Description | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|-------------------------------|-------------------------------|
| | | | | | | | | |
| 1 | 8124 | * | * | * | * | 1 | VINYL COVER | VINYL COVER |
| 2 | 10747 | - | * | * | - | 1 | HEXAGONAL WRENCH@ (1/16inch) | HEXAGONAL WRENCH@ (1/16inch) |
| 3 | 1872 | * | * | * | * | 1 | HEXAGONAL WRENCH@ (1.5mm) | HEXAGONAL WRENCH@ (1.5mm) |
| 4 | 19456 | * | * | * | * | 1 | HEXAGONAL WRENCH@ (2mm) | HEXAGONAL WRENCH@ (2mm) |
| 5 | 19457 | * | * | * | * | 1 | HEXAGONAL WRENCH@ (2.5mm) | HEXAGONAL WRENCH@ (2.5mm) |
| 6 | 19458 | * | * | * | * | 1 | HEXAGONAL WRENCH@ (3mm) | HEXAGONAL WRENCH@ (3mm) |
| 7 | 19459 | * | * | * | * | 1 | HEXAGONAL WRENCH@ (4mm) | HEXAGONAL WRENCH@ (4mm) |
| 8 | 19460 | * | * | * | * | 1 | HEXAGONAL WRENCH@ (5mm) | HEXAGONAL WRENCH@ (5mm) |
| 9 | 19473 | * | * | * | * | 1 | SCREW DRIVER (CROSS TYPE) | SCREW DRIVER (CROSS TYPE) |
| 10 | 19468 | * | * | * | * | 1 | DRIVER (SMALL) | DRIVER (SMALL) |
| 11 | 19467 | * | * | * | * | 1 | DRIVER (MIDDLE) | DRIVER (MIDDLE) |
| 12 | 19466 | * | * | * | * | 1 | DRIVER (LARGE) | DRIVER (LARGE) |
| 13 | 33144 | * | * | * | * | 1 | SPANNER 6X7 | SPANNER 6X7 |
| 14 | 37320 | * | * | * | * | 1 | OIL PAN | OIL PAN |
| 15 | 33141 | * | * | * | * | 6 | WOOD SCREW | WOOD SCREW |
| 16 | 33106C | * | * | * | * | 1 | KNEE LIFTER COMPLETE | KNEE LIFTER COMPLETE |
| 17 | 33106 | * | * | * | * | 1 | KNEE LIFTER CONNECTING@BUSH | KNEE LIFTER CONNECTING@BUSH |
| 18 | 37308 | * | * | * | * | 1 | KNEE LIFTER CONNECTING@SPRING | KNEE LIFTER CONNECTING@SPRING |
| 19 | 33107 | * | * | * | * | 1 | SET SCREW M4X0.7@L=10 | SET SCREW M4X0.7@L=10 |
| 20 | 37310 | * | * | * | * | 1 | KNEE LIFTER CONNECTING@BAR | KNEE LIFTER CONNECTING@BAR |
| 21 | 37311 | * | * | * | * | 1 | PIN 4 L=18 | PIN 4 L=18 |
| 22 | 33111 | * | * | * | * | 1 | KNEE LIFTER BRACKET | KNEE LIFTER BRACKET |
| 23 | 33112 | * | * | * | * | 2 | SET SCREW 5/16X18 | SET SCREW 5/16X18 |
| 24 | 33113 | * | * | * | * | 1 | CLANK SHAFT | CLANK SHAFT |
| 25 | 33114 | * | * | * | * | 1 | KNEE LIFTER PLATE | KNEE LIFTER PLATE |
| 26 | 33115 | * | * | * | * | 1 | KNEE LIFTER PLATE@HOLDER | KNEE LIFTER PLATE@HOLDER |
| 27 | 33116 | * | * | * | * | 1 | SET SCREW 15/64X28 | SET SCREW 15/64X28 |
| 28 | 33117 | * | * | * | * | 1 | KNEE LIFTER PAD | KNEE LIFTER PAD |
| 29 | 37370 | * | * | * | * | 2 | RUBBER HINGE | RUBBER HINGE |
| 30 | 37373 | * | * | * | * | 2 | HEAD CUSHION | HEAD CUSHION |
| 31 | 33170 | * | * | * | * | 4 | NAIL | NAIL |
| 32 | 37372 | * | * | * | * | 2 | HINGE | HINGE |
| 33 | 33099 | * | * | * | - | 5 | BOBBIN | BOBBIN |
| 33 | 33099 | - | - | - | * | 10 | BOBBIN | BOBBIN |
| 34 | N0214 | * | * | * | - | 3 | NEEDLE DPX7 #14 | NEEDLE DPX7 #14 |
| 34 | N4214 | - | - | - | * | 6 | NEEDLE 134x35(R)@#90 | NEEDLE 134x35(R)@#90 |
| 35 | 25301 | * | * | * | - | 1 | THREAD UNWINDER@COMPLETE | THREAD UNWINDER@COMPLETE |
| 35 | 25501 | - | - | - | * | 1 | THREAD UNWINDER@COMPLETE | THREAD UNWINDER@COMPLETE |
| 36 | 8132-B | * | * | * | * | 1 | ACCESSORY BAG | ACCESSORY BAG |
| 37 | 11196 | - | - | - | * | 1 | TWEEZERS | TWEEZERS |
| 41 | 37275 | - | * | * | - | 1 | THREAD GUIDE | THREAD GUIDE |
| 42 | 25305 | * | * | * | * | 1 | OILIER | OILIER |
| 43 | 37720 | - | * | * | - | 1 | MOVING KNIFE | MOVING KNIFE |
| 44 | 37728 | - | * | * | - | 1 | FIXED KNIFE | FIXED KNIFE |
| 45 | 30012 | - | * | * | - | 1 | TENSION SPRING (THICK) | TENSION SPRING (THICK) |
| 46 | 141401 | * | * | * | * | 1 | ARM SUPPORT BAR | ARM SUPPORT BAR |
| 47 | 37321 | * | * | * | * | 1 | BRUSH | BRUSH |



| # | PARTS # | 8GW-1 | 8GWC-1 | 8GWC-1-ONU | 22GW-1 | QTY | i | DESCRIPTION |
|----|---------|-------|--------|------------|--------|-----|---------------------------|------------------------------|
| | | | | | | | | |
| 1 | 37298C | - | * | * | - | 1 | xf gK [h(g) | BELT GUARD COMPLETE |
| 2 | 37298 | - | * | * | - | 1 | xf gK [h(E) | BELT GUARD (RIGHT) |
| 3 | 37299 | - | * | * | - | 1 | xf gK [h(h) | BELT GUARD (LEFT) |
| 4 | 37301 | - | * | * | - | 2 | xf gK [hJ% [(a) | BELT GUARD COLLAR@ (UPPER) |
| 5 | 37215 | - | * | * | - | 3 | xf gK [hž ß h bV f [| SPRING WASHER |
| 6 | 37304 | - | * | * | - | 3 | xf gK [hž ß ž A (a) | SCREW M6X1 L=20 |
| 7 | 16287 | - | * | * | - | 2 | xf gK [hž ß h bV f [(h) | WASHER |
| 8 | 37305 | - | * | * | - | 2 | xf gK [hž ß ž A (h) | SCREW M5X0.8 L=20 |
| 9 | 37302 | - | * | * | - | 1 | xf gK [hJ% [(e) | BELT GUARD COLLAR@ (LOWER) |
| 10 | 37303 | - | * | * | - | 1 | xf gK [hž , ž A | SUPPORT SCREW@FOR@BELT@GUARD |
| 11 | 37749 | - | * | * | - | 1 | ö o š x , = | SYNCHRONIZER SUPPORTING@BAR |
| 12 | 37102 | - | * | * | - | 2 | h b g | NUT M6X1 |
| 13 | 30195 | - | * | - | - | 1 | f f y X C b y | PUSH BUTTON SWITCH |
| 14 | 30196 | - | * | - | - | 1 | f f y X C b y ž à | BUTTON SWITCH PLATE |
| 15 | 15081 | - | * | - | - | 2 | f f y X C b y ž à ø ž A | WOOD SCREW |
| 16 | 39298 | - | * | - | - | 1 | j a ; X C b y R f N f | CONNECTOR (2P) |
| 17 | 39299 | - | * | - | - | 2 | j a ; X C b y R f N f s y | PIN CONTACT |
| 18 | 30197 | - | * | - | - | 1 | P [h f | CABLE |
| 19 | 30186 | - | * | - | - | 2 | R f N f s y | PIN CONTACT |
| 20 | 30151 | - | * | - | - | 1 | R f N f J f [i p j | CONNECTOR COVER (6P) |
| 21 | 30185 | - | * | - | - | 1 | R f N f i p j | CONNECTOR (6P) |

☐ Connector and connector cover depend on the motor to use.

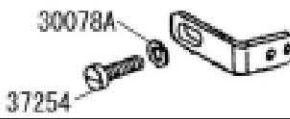
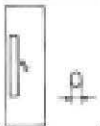


Option parts

| № | PARTS | 8GW-1 | 8GWC-1 | 8GWC-1-QNU | 22GW-1 | QTY | DESCRIPTION |
|----|-----------|-------|--------|------------|--------|-----|--|
| 1 | 37298C | * | - | - | * | 1 | BELT GUARD COMPLETE |
| 2 | 37298 | * | - | - | * | 1 | BELT GUARD (RIGHT) |
| 3 | 37299 | * | - | - | * | 1 | BELT GUARD (LEFT) |
| 4 | 37301 | * | - | - | * | 2 | BELT GUARD COLLAR@ (UPPER) |
| 5 | 37215 | * | - | - | * | 3 | SPRING WASHER |
| 6 | 37304 | * | - | - | * | 3 | SCREW M6X1 L=20 |
| 7 | 16287 | * | - | - | * | 2 | WASHER |
| 8 | 37305 | * | - | - | * | 2 | SCREW M5X0.8 L=20 |
| 9 | 37302 | * | - | - | * | 1 | BELT GUARD COLLAR@ (LOWER) |
| 10 | 37303 | * | - | - | * | 1 | SUPPORT SCREW@FOR@BELT@GUARD |
| 11 | 37014 | * | * | * | * | 1 | THREAD TAKE-UP COVER@ (COARSE STITCH TYPE) |
| 12 | 37044 | * | * | * | * | 1 | THREAD TAKE-UP@ (COARSE@STITCH) |
| 13 | 37149C | * | * | * | * | 1 | ROLLER PRESSER@COMPLETE@ 26x4.2 |
| 14 | 37141 | * | * | * | * | 1 | ROLLER HOLDER |
| 15 | 37143 | * | * | * | * | 1 | ROLLER HOLDER SUPPORT |
| 16 | 37144 | * | * | * | * | 1 | ROLLER GEAR (SMALL) |
| 17 | 37149 | * | * | * | * | 1 | ROLLER GEAR (LARGE) |
| 18 | 37336C | * | * | * | * | 1 | ROLLER PRESSER@COMPLETE@ 36x4.2 |
| 19 | 37333 | * | * | * | * | 1 | ROLLER HOLDER |
| 20 | 37334 | * | * | * | * | 1 | ROLLER HOLDER SUPPORT |
| 21 | 37335 | * | * | * | * | 1 | ROLLER GEAR (SMALL) |
| 22 | 37336 | * | * | * | * | 1 | ROLLER GEAR (LARGE) |
| 23 | 37256 | * | * | * | * | 1 | ROTARY HOOK COMPLETE@ (THICK NEEDLE TYPE) |
| 24 | 37256-03 | * | * | * | * | 1 | INNER ROTARY HOOK@PRESSER |
| 25 | 37255-01 | * | * | * | * | 1 | OUTER ROTARY HOOK |
| 26 | 37255-02 | * | * | * | * | 1 | INNER ROTARY HOOK |
| 27 | 37255-04 | * | * | * | * | 3 | SCREW |
| 28 | 37255-05 | * | * | * | * | 1 | NEEDLE BRACKET |
| 29 | 37255-06 | * | * | * | * | 2 | SCREW |
| 30 | 37255-07C | * | * | * | * | 1 | HOOK CAP COMPLETE |
| 31 | 37255-08 | * | * | * | * | 1 | BOBBIN CASE TENSION@SPRING |
| 32 | 37255-11 | * | * | * | * | 1 | TENSION REGULATING@SCREW |
| 33 | 37255-12 | * | * | * | * | 1 | SET SCREW |
| 34 | 37255-07 | * | * | * | * | 1 | CAP
(THICK NEEDLE TYPE) |
| 35 | 37206 | * | * | * | - | 1 | THROAT PLATE (THICK@NEEDLE TYPE) |
| 36 | 37207 | * | * | * | - | 1 | THROAT PLATE (COARSE@STITCH TYPE) |
| 37 | 37208 | * | * | * | - | 1 | THROAT PLATE (THICK@THREAD TYPE) |
| 38 | 37218 | * | * | * | - | 1 | FEED DOG (THICK@NEEDLE@TYPE) |

Q W S W (-22GW-1)/Gauge parts (for -22GW-1)

AW B/The symbol is for Standard parts.

| NEEDLE GAUGE | | 1/32"
(0.8mm) | 3/64"
(1.2mm) | 1/16"
(1.6mm) | 5/64"
(2mm) | 3/32"
(2.4mm) | 1/8"
(3.2mm) | 5/32"
(4mm) | 3/16"
(4.8mm) |
|---|--|---|--------------------------------------|------------------|----------------|---|-----------------|----------------|------------------|
| NAME OF PARTS | | | | | | | | | |
| NEEDLE CLAMP
(FOR TANDEM) | | FOR THIN MATERIALS
2.4mm@37511 | | | | 37518 | | | |
|  | | | FOR MEDIUM MATERIALS
2.8mm@ 37512 | | | | | | |
| NEEDLE CLAMP | | | | | | 37514 | 37515 | 37516 | 37517 |
|  | | | | | | | | | |
| SUB PRESSER FOOT | | 37568 | FOR THIN MATERIALS | | | 37524 | 37525 | 37526 | 37527 |
|  | | | 37591 | 37592 | 37593 | | | | |
| | | | FOR MEDIUM MATERIALS | | | | | | |
| | | | 37521 | 37522 | 37523 | | | | |
| SUB PRESSER FOOT
(LARGE) | | 37569 | | | | | | | |
|  | | | | | | | | | |
| SUB PRESSER FOOT
HOLDER | | 37570 | | | | | | | |
|  | | | | | | | | | |
| THROAT PLATE
(FOR TANDEM) | | (1.0mm) | FOR THIN MATERIALS (1.2mm) | | | 37609 | | | |
|  | | 37610 | 37611 | 37612 | 37613 | | | | |
| | | | FOR MEDIUM MATERIALS (1.6mm) | | | | | | |
| | | | 37601 | 37602 | 37603 | | | | |
| THROAT PLATE | | | | | | 37604 | 37605 | 37606 | 37607 |
|  | | | | | | | | | |
| | | 37578 | 37571 | 37572 | 37573 | 37574 | 37575 | 37576 | 37577 |
| THROAT PLATE HOLDER | |  | | | |  | | | |