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GARUDAN®

UH9000 Series



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UH9000 SERIES MACHINE NUMBERING SYSTEM

SERIES CODE	APPLICATION CODE
UH90-UH9000 FLAT BED OVERLOCK	0 : BASIC MODEL
UH91-UH9100 FLAT BED HEAVY MATERIAL OVERLOCK	1 : BLIND STITCH
UH92-UH9200 FLAT BED TOP FEED OVERLOCK	2 : BACKLATCHING
UH93-UH9300 CYLINDER BED OVERLOCK	3 : DOUBLE CHAIN STITCHING
UH94-UH9400 CYLINDER BED TOP FEED MACHINE	4 : GATHERING
UHD DIRECT DRIVE MINI MOTOR	5 : POCKET BAGS SEAMING
	6 : PIPING
	7 : GATHERING AND PIPING
	8 : ELASTIC TAPE ATTACHING
	9 : REINFORCE TAPE SEWING
	B : FINE EDGING
	C : STRING FORMING (SPAGHETTI SEWING)

THICKNESS OF FABRICS
F : EXTRA LIGHT MATERIAL
L : LIGHT MATERIAL
M : MEDIUM TO HEAVY MATERIAL
H : HEAVY MATERIAL
X : EXTRA HEAVY MATERIAL

STITCHING CODE
11-101
41-401
03-503
04-504
05-505
12-512
14-514
15-515
16-516
42-542
44-544

TC : ONE TOUCH TYPE TAPE CUTTER
US : FLAT SUCTION TYPE CHAIN CUTTER
SS : SIDE SUCTION TYPE CHAIN CUTTER
BH : BLIND HEMMING DEVICE
AL : PNEUMATIC TYPE AUTO FOOT LIFTER
TF : TENSION FREE TAPE FEEDER
SV : VACUUM CHIP COLLECTION DEVICE
CV : VENTURI DEVICE
BL : BACKLATCHING DEVICE
EF : ELASTIC TAPE FEEDING DEVICE
GC : GATHERING DEVICE

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UH[D]90

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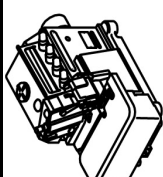
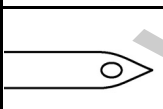
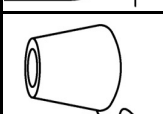
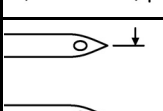
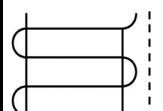
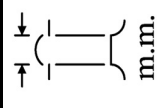
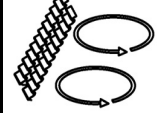
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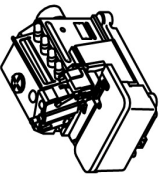
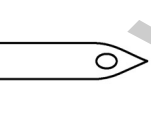
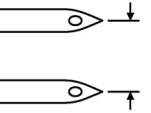
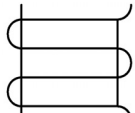
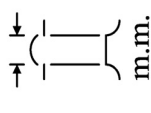
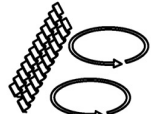
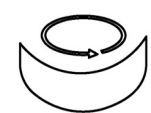
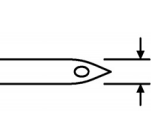
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UH9000 SUBCLASS SPECIFICATIONS

												Standard Equipment
Application	Subclass	Number Of Needles	Number Of Threads	Needle Distance (mm)	Overedge Width(mm)	Feed Dog Rows	Stitch Length Max (mm)	Diff.Feed Ratio	Presserfoot Lift	Max Speed (s.p.m)	Needle Size	
Fine Edging	UH90B3-021-F02	1	3	—	3	1	3.8	0.7~2	5	8000	DC*27#9	
	UH90B3-021-F04	1	3	—	3	1	3.8	0.7~2	5	8000	DC*27#9	
	UH90B3-022-F02	1	3	—	3	1	3.8	0.7~2	5	8000	DC*27#9	
Plain Seaming	UH9003-032-M04	1	3	—	3	2	3.8	0.7~2	6	8000	DC*27#11	
	UH9003-053-M04	1	3	—	4	3	3.8	0.7~2	6	8000	DC*27#11	
	UH9003-053-H04	1	3	—	5	3	3.8	0.7~2	6	7000	DC*27#14	Thicker Teeth Bigger Needle Plate Hole
Blind Hemming	UH9013-032-L05	1	3	—	3	2	3.8	0.7~2	5	8000	DC*27#9	
Backlatching	UH9023-032-M04	1	3	—	3	2	3.8	0.7~2	6	8000	DC*27#11	
	UH9023B-032-M04	1	3	—	3	2	3.8	0.7~2	6	8000	DC*27#11	
Elastic Tape Attaching	UH9083-053-H04	1	3	—	5	3	3.8	0.7~2	6	7000	DC*27#14	Thicker Teeth Bigger Needle Plate Hole
	UH9084-243-H14	2	4	2.2	4 6	3	3.2	0.8~2.4	6	7000	DC*27#14	Thicker Teeth Bigger Needle Plate Hole
Plain Seaming	UH9004-232-M14	2	4	2.2	3 5	2	3.8	0.7~2	5.5	7500	DC*27#11	
	UH9004-232F-M14	2	4	2.2	3 5	2	3.8	0.7~2	5.5	7500	DC*27#11	
	UH9004-233-M14	2	4	2.2	3 5	3	3.8	0.7~2	5.5	7500	DC*27#11	
	UH9004-242-M14	2	4	2.2	4 6	2	3.8	0.7~2	5.5	7500	DC*27#11	
	UH9004-243-M14	2	4	2.2	4 6	3	3.8	0.7~2	5.5	7500	DC*27#11	
	UH9004-253-M14	2	4	2.2	5 7	3	3.8	0.7~2	5.5	7500	DC*27#11	
	UH9004-253-H14	2	4	2.2	5 7	3	3.8	0.7~2	5.5	7000	DC*27#14	Bigger Needle Plate Hole
	UH9004-263-M14	2	4	2.2	6 8	3	3.8	0.7~2	5.5	6500	DC*27#11	
UH9004-353-M12	2	4	3	5 8	3	3.8	0.7~2	5.5	7000	DC*27#11		

UH9000 SUBCLASS SPECIFICATIONS

Application												Standard Equipment
Backlatching	UH9024-242-M14	2	4	2.2	4 6	2	3.8	0.7~2	5.5	7000	DC*27#11	
	UH9024B-242-M14	2	4	2.2	4 6	2	3.8	0.7~2	5.5	7000	DC*27#11	
Safety	UH9005-232-L16	2	5	2	3 5	2	3.8	0.7~2	6	7000	DC*27#11	
	UH9005-332C-L16	2	5	3	3 6	2	3.8	0.7~2	6	7000	DC*27#11	
	UH9005-332-M16	2	5	3	3 6	2	3.8	0.7~2	6	7000	DC*27#11	
	UH9005-352-M16	2	5	3	5 8	2	3.8	0.7~2	6	7000	DC*27#11	
	UH9005-353-M16	2	5	3	5 8	3	3.8	0.7~2	6	7000	DC*27#11	
	UH9005-553-M16	2	5	5	5 10	3	3.8	0.7~2	6	7000	DC*27#11	
	UH9005-553-H16	2	5	5	5 10	3	4.5	0.6~1.6	6	6000	DC*27#16	Thicker Teeth Bigger Needle Plate Hole
Gathering	UH9045-353-M16	2	5	3	5 8	3	3	1.0~3.0	5	5500	DC*27#11	
Pocket Bags Seaming	UH9055-353-M16	2	5	3	5 8	3	3	0.6~1.6	5	5500	DC*27#11	
Piping Sewing	UH9065-353-M16	2	5	3	5 8	3	3.8	0.6~1.6	5	5500	DC*27#11	
Gathering & Piping	UH9075-353-M16	2	5	3	5 8	3	3	1.0~3.0	5	5000	DC*27#11	
	UH9075/A-353-M16	2	5	3	5 8	3	3	1.0~3.0	5	5000	DC*27#11	
Extra Heavy Weight Material Seaming	UH9105-553-X16	2	5	5	5 10	3	4.5	0.6~1.6	8	5500	DC*27#19	Thicker Teeth Bigger Needle Plate Hole

UH9000 SUBCLASS SPECIFICATIONS

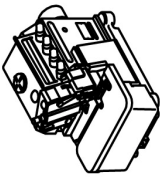
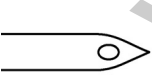
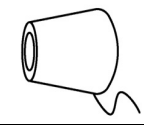
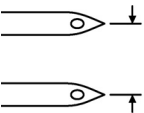
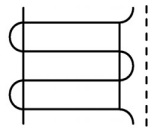
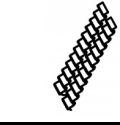
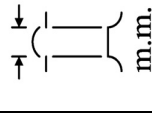
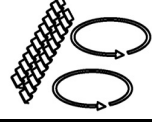
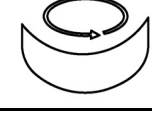
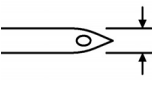
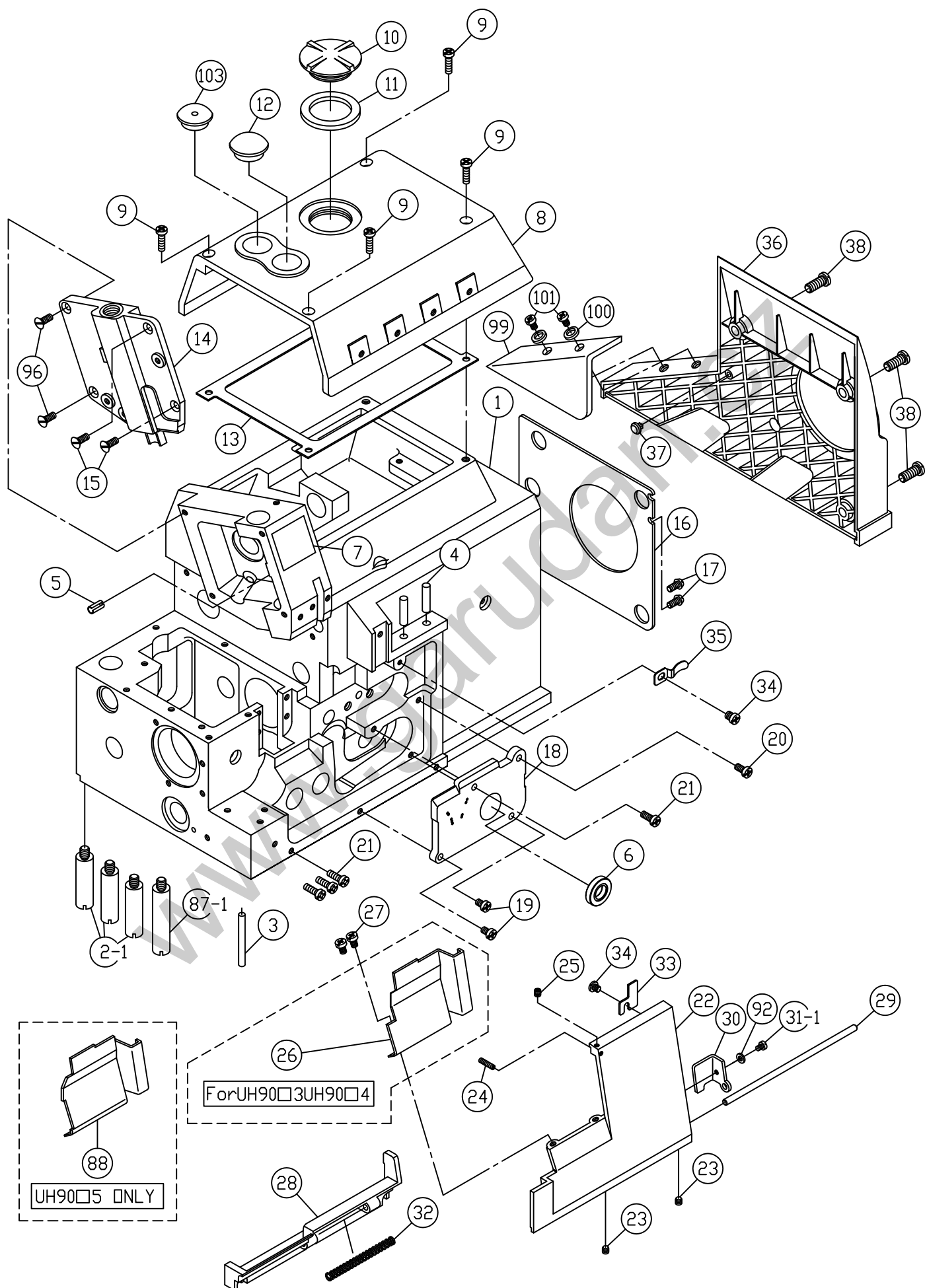
Application												Standard Equipment
Reinforce Tape Sewing	UH9094-243-H14	2	4	2.2	4 6	3	3.2	0.8~2.4	6	7000	DC*27#14	With Wider Knife, Binding Tape Bracket, Thicker Teeth Bigger Needle Plate Hole
	UH9004-243E-M14	2	4	2.2	4 6	3	3.8	0.7~2	6	7000	DC*27#11	With Binding Tape Bracket, Tape Guide, Presser Foot With Tape Guide
	UH9034-503-M45	2	4	5	—	3	3.2	0.6~1.6	5	5000	DC*27#14	
Gathering	UH9044-243-M14	2	4	2.2	4 6	3	3	1.0~3.0	5	5500	DC*27#11	
Piping Sewing	UH9064-243-M14	2	4	2.2	4 6	3	3.8	0.6~1.6	5	5500	DC*27#11	
Gathering & Piping	UH9074-243-M14	2	4	2.2	4 6	3	3	1.0~3.0	5	5500	DC*27#11	
6-Thread Multi-Use Overlock Machine	UH9006-3243-M44	3	6	3 × 2.2	4 7	3	3.8	0.7~2	5	6500	DC*27#11	
	UH9006-5243-M44	3	6	5 × 2.2	4 9	3	3.8	0.7~2	5	6500	DC*27#11	

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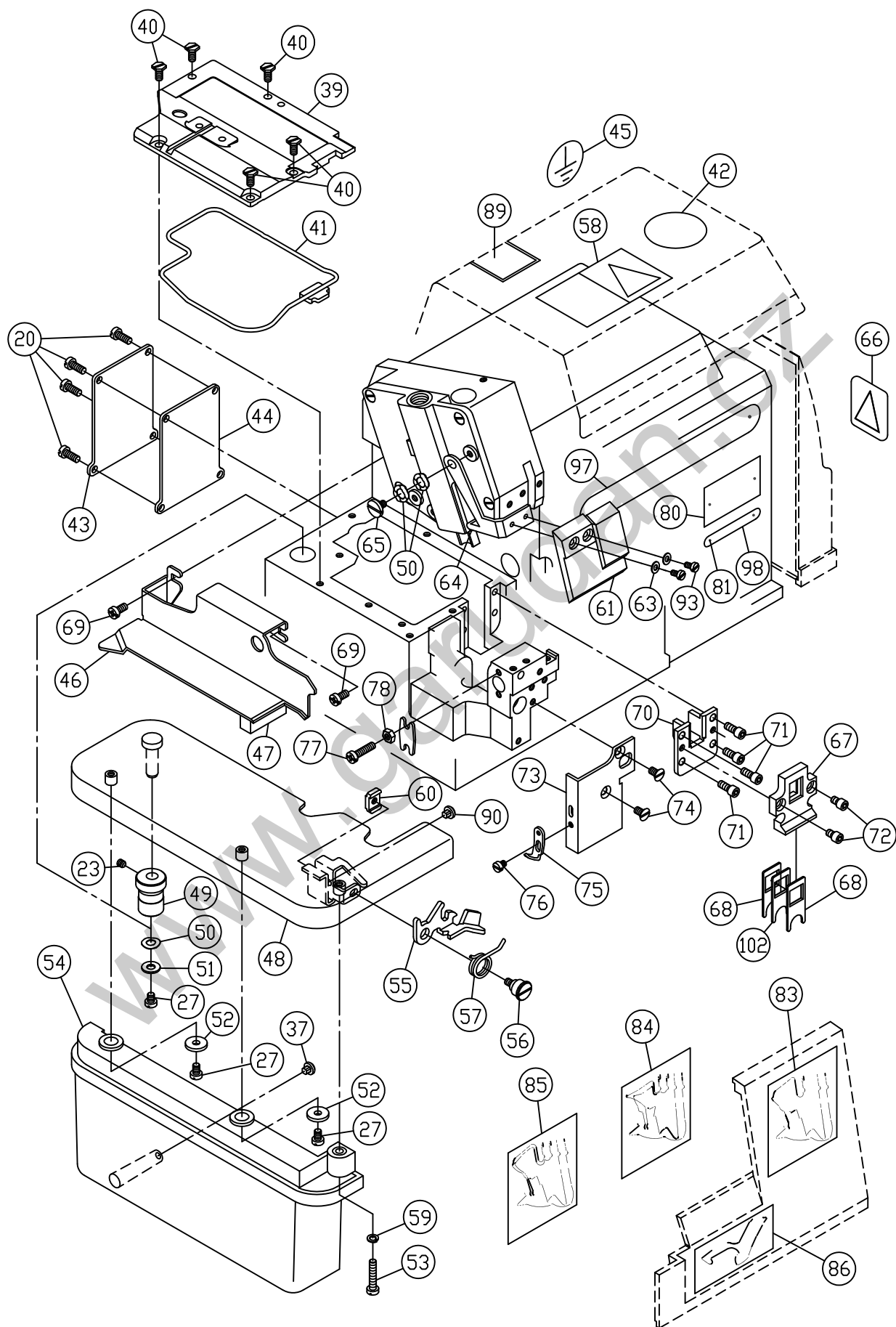
1. FRAME AND COVER (一)



1. Frame And Cover (一)

Ref. No.	Parts No.	Description	Amt. Req.
1	21200001011	Framee	1
2-1	21200001021	Frame Support	3
3	2120000103	Pipe	1
4	2100000212	Thread Guide	2
5	90SP0512	Pin	1
6	2120000106	Gasket	1
7	66479-7	Name Plate	1
8	21200001081	Top Cover	1
9	8MC04281407D	Screw	4
10	2120000110	Oil Sight Window	1
11	2120000111	Oil Seal	1
12	21200001121	Plug	1
13	2120000113	Gasket	1
14	2120000114	Side Cover	1
15	8ME04281008A	Screw	2
16	2120000116	Fan Cover	1
17	8MB04280705K	Screw	2
18	2120000118	Cover	1
19	8MC04280807D	Screw	2
20	8MC04281007D	Screw	5
21	8MC04281207D	Screw	4
22	2120000122	Front Cover	1
23	8MN04280400A	Screw	3
24	8MN03201200A	Screw	1
25	8MN03200400A	Screw	1
26	2120030126	Chip Guard	1
27	8MC04280607D	Screw	5
28	2120000128	Hinge	1
29	2120000129	Pin	1
30	2120000130	Front Cover Hook	1
31-1	8MB03200606A	Screw	1
32	2120000132	Spring	1
33	2120000133	Hook	1
34	8MC04280507D	Screw	2
35	2120000135	Latch	1
36	21200001361	Belt Cover	1
37	2120000137	Cushion Rubber	2
38	8MC05321209D	Screw	3
39	21200001391	Feed Mechanish Cover	1
40	8MK04280807A	Screw	5
41	21200001413	Gasket	1
42	66453-6	Name Plate	1
43	2120000143	Cover	1
44	2120000144	Gasket	1
45	66453-1	Name Plate	1
46	2120000146	Fabric Guard	1
47	2120000147	Rubber Plug	1
48	2120000148	Cloth Plate	1

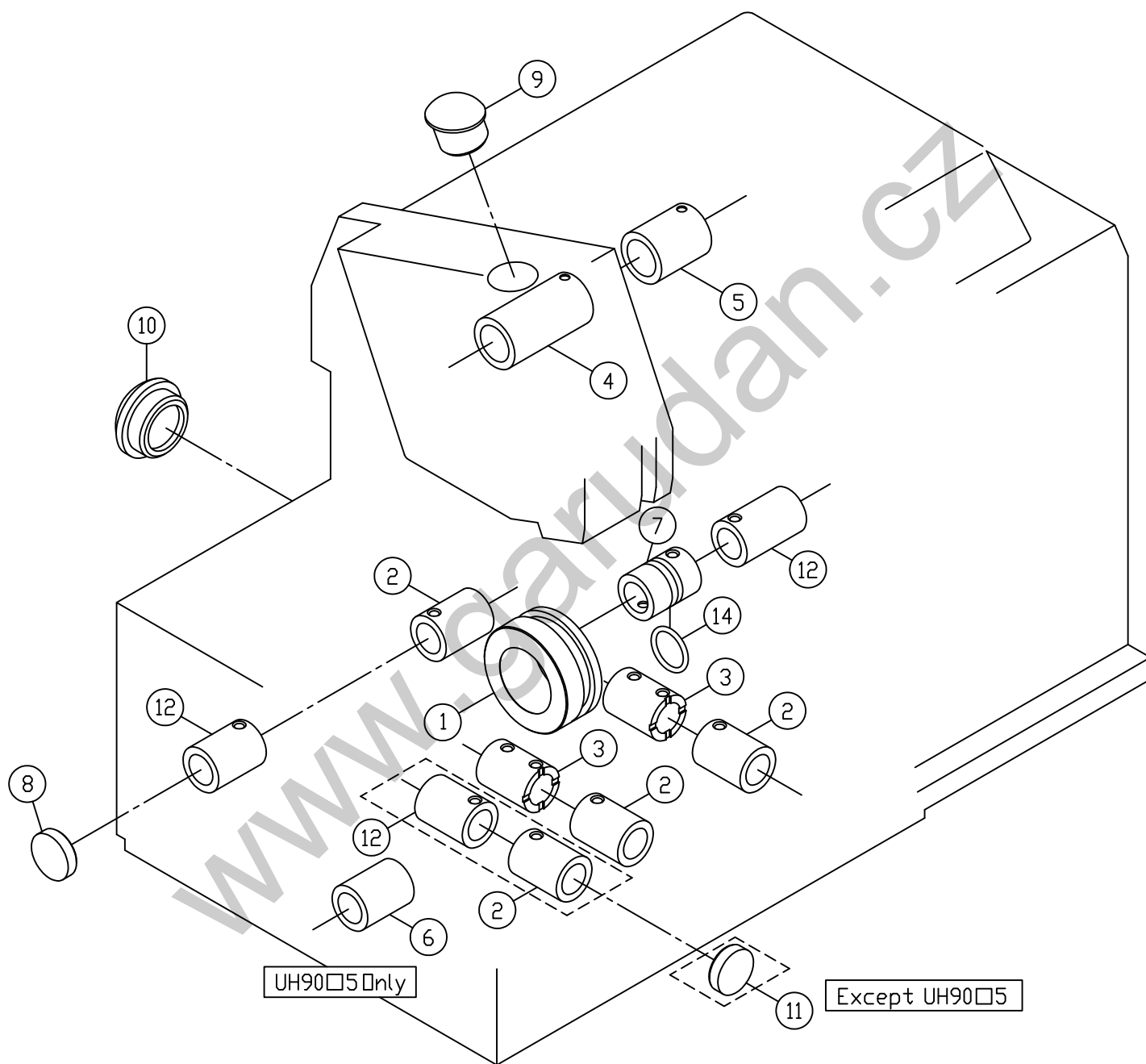
1. FRAME AND COVER (二)



1. Frame And Cover (二)

Ref. No.	Parts No.	Description	Amt. Req.
49	2120000149	Eccentric Bushing	1
50	2120000150	Waved Washer	3
51	2120000151	Washer	1
52	2200000908	Washer	2
53	8MC04282007D	Screw	1
54	2120000154	Cloth Plate Cover	1
55	2120000155	Hook	1
56	2120000156	Stud	1
57	2120000157	Spring Washer	1
58	66453-2	Name Plate	1
59	2120000159	Washer	1
60	2120000160	Clamp	1
61	2120000161	Eye Guard	1
63	90PW030	Washer	2
64	2120000164	Bracket	1
65	8MB04280711E	Screw	1
66	66453-3	Name Plate	1
67	2120000167	Seal Guide	1
68	2120000168	Oil Seal	2
69	8MC04280608D	Screw	2
70	2120000170	Left Feed Bar Guide	1
71	8MM04280907A	Screw	4
72	8MM04280507A	Screw	2
73	2120000173	Cover	1
74	8MF04280807C	Screw	2
75	2120000175	Hook	1
76	8MB85240406A	Screw	1
77	8MC04281607D	Screw	1
78	8MA04280307A	Nut	1
80	66479-10	Name Plate	1
81	66620	Rivet	6
83	66440-3	Threading Diagram For UH9003	1
84	66440-4	Threading Diagram For UH9004	1
85	66440-5	Threading Diagram For UH9005	1
86	66440-6	Threading Diagram For UH9005	1
87-1	21200001871	Frame Support	1
88	2120050188	Chip Guard	1
89	66453-4	Name Plate	1
90	2120000190	Cushion Rubber	1
92	90PW030	Washer	1
93	8MB03200505K	Screw	2
96	8ME04281408A	Screw	2
97	66479-8	Name Plate	1
98	66479-9	Type Plate	1
99	2120000199	Feed Mechanism Cover	1
100	2100000223	Washer	2
101	8MC04280608D	Screw	2
102	2120000197	Gasket	1
103	2120000210	Plug	1

2. BUSHING AND PLUG



2. Bushing And Plug

Ref. No.	Parts No.	Description	Amt. Req.
1	2120000201	Bushing	1
2	2120000202	Bushing	3(3 、4) 4(5)
3	2120000203	Bushing	2
4	2120000204	Bushing	1
5	2120000205	Bushing	1
6	21200002061	Bushing	1
7	2120000207	Bushing	1
8	2120000208	Plug	1
9	2120000209	Plug	1
10	2100000210	Plug	1
11	2120000208	Plug	1
12	2120000212	Bushing	2(3 、4) 3(5)
14	2120000608	O-Ring	1

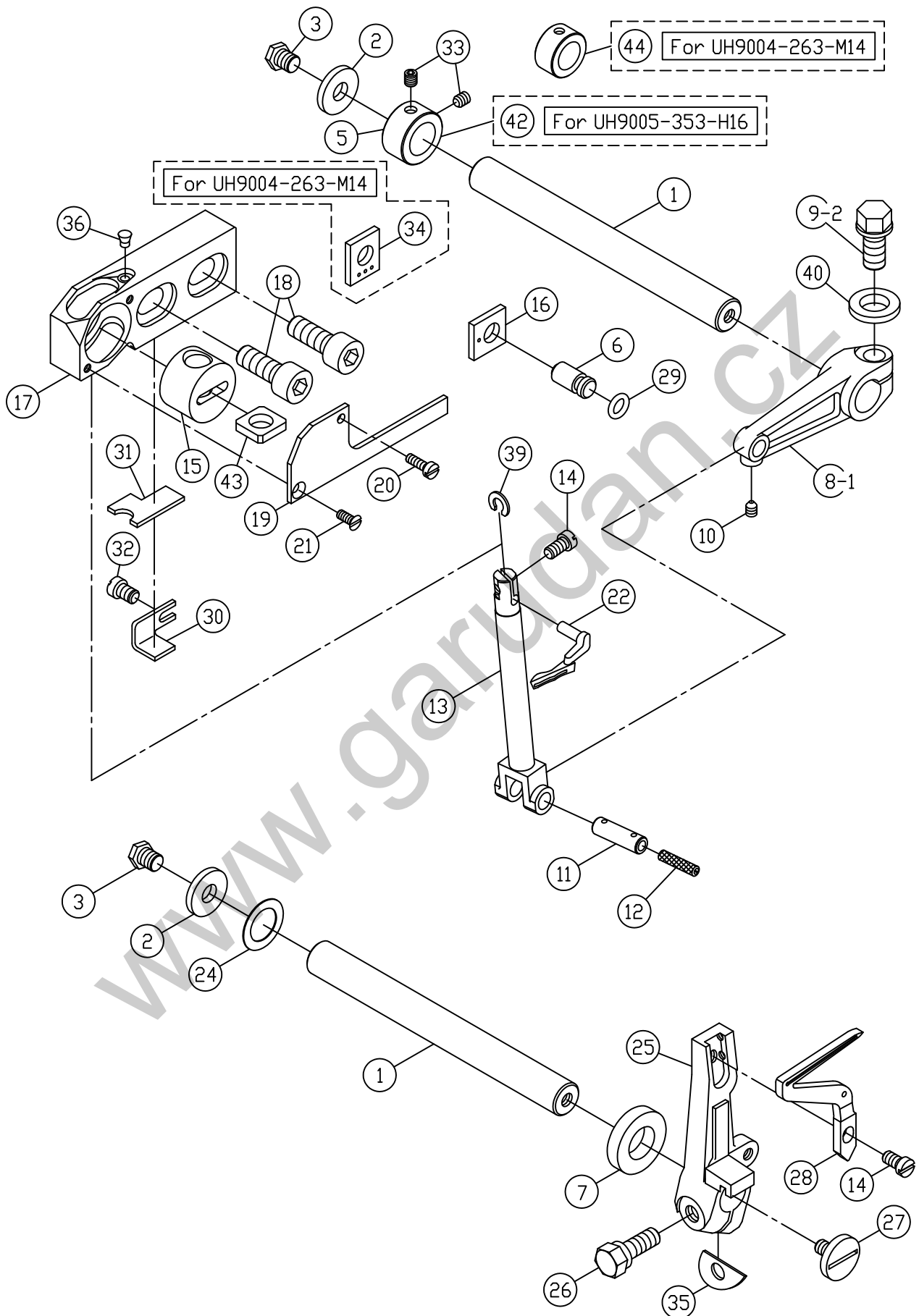
This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor. The central shaft (1) is the core component, surrounded by various bearings (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 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,

3. Main Shaft Components

Ref. No.	Parts No.	Description	Amt. Req.
1	2120000301	Crankshafe	1
2	8MN85240300A	Screw	7
3	2120000303	Looper Rod	2
4	8MB04281507B	Screw	8
5	8MC04281407D	Screw	4
7	8MB03200505K	Screw	4
9	8MN04280600A	Screw	2
10	2120000310	Upper Kniferod	1
12	8MM06401210A	Screw	4
13	2120000313	Level Pin	3
14	2120030314	Crank	1
* 15	2120000315	Crank	1
16	2120000316	Level	1
17	2130000317	Balance Weight	2
18	8MB03200806K	Screw	4
19	2120000319	Pulley	1
20	8MN06400800A	Screw	2
21	2200000910	Spring Washer	1
22	8MM06403510B	Screw	1
23	2120000323	Fan	1
24	2120000324	Thrust Holder	1
25	8MC04281007D	Screw	3
28	2120000328	Position Lock Ring	1
29	2100000316	Washer	1
30	90BB174012	Ball Bearing	1
31	2120000331	Worm	1
32	2120000332	Collar	1
33	90BB1740121	Ball Bearing	1
34	2120000334	Ring	1
35	8MN05320500E	Screw	1
36	2120000336	Ratchat Gear	1
37	90BB1535112	Ball Bearing	1
38	2120000338	O-Ring	2
39	8MN05320500E	Screw	2
40	8MN05321000A	Screw	2
41	2120000341	Pin	1
42	2120030342	Cover	1
43	8MC04280807D	Screw	3
44	2120000344	Regulator	1
45	2120000345	Feed Pin	1
46	2120000346	Eccentric	1
47	8MN03200400A	Screw	2
48	2120000348	Spring	1
49	2120000349	Connection	1
50	90NB222610	Needle Bearing	1
51	2120000351	Eccentric	1
52	2120000352	Pawl	1
53	2120000353	Spring	1
54	2120000354	Stud	1
55	2120050355	Shaft	1
56	2120050356	Cover	1
57	8ME04281008A	Screw	2
58	90ST0312	Pin	1
59	90SP7510	Pin	2
60	66800	Oil Wick	3
62	8MB04281008K	Screw	1
64	8MB06401309A	Screw	1
65	2120050365	Level	1
73	2120000375	Needle Bar Rod	1
76	2120030376	Level	1
77	2120000377	Crank	1
78	2100000335	Guide	2
79	8MN04280500C	Screw	1
80	21200003261	O-Ring	2
81	21200003271	O-Ring	1

* For UH9004-263-M14、UH9105

4. UPPER & LOWER LOOPER DRIVING MECHANISM



4. Upper & Lower Looper Driving Mechanism

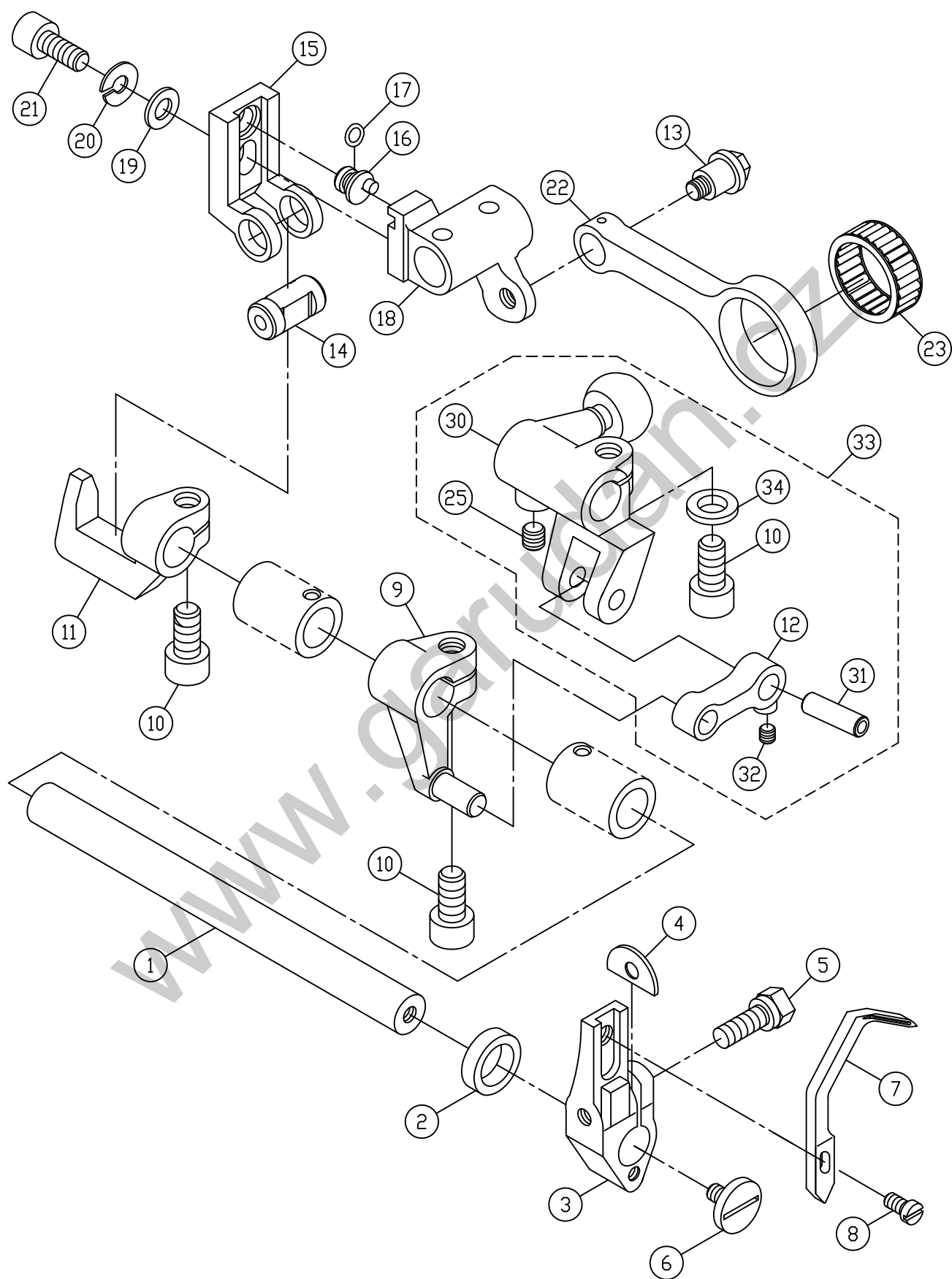
Ref. No.	Parts No.	Description	Amt. Req.	
1	2120000401	Shaft	2	
2	2120000402	Washer	2	
3	8MK05320808A	Screw	2	
5	2120000405	Spacer	1	
6	2100000750	Pin	1	
7	2120000407	Oil Seal	1	
8-1	21200004081	Lever	1	
9-2	8MK06301408J	Screw	1	
10	8MN03200400C	Screw	1	
11	2120000411	Pin	1	
12	2120000412	Felt	1	
13	2120000413	Upper Looper Holder	1	
14	8MB85240705A	Screw	2	
15	21200004151	Upper Looper Holder Guide	1	
16	2100030749	Stopper	1	
17	2120000417	Upper Looper Holder Base	1	
18	8MM06401610A	Screw	2	
19	2120000419	Cover	1	
20	8MB75180805A	Screw	1	
21	8ME75180605A	Screw	1	
22	* * * * *	Upper Looper	1	
24	2120000424	Spring Washer	1	
25	2120000425	Lower Looper Arm	1	
26	8MK05321308C	Screw	1	
27	8MB04280713A	Screw	1	
28	* * * * *	Lower Looper	1	
29	90OR040	O-Ring	1	
30	2120000430	Cover	1	
31	2120000431	Felt	1	
32	8MB03200406A	Screw	1	
33	8MN04280400A	Screw	2	
.1	34	2120000434	Stopper	1
	35	2120000435	Spacer	1
	36	2120000436	Plug	1
	39	4BD0800114	Washer	1
	40	2120000440	Spring Washer	1
.2	42	2120000442	Spacer	1
	43	2120000443	Felt	1
.1	44	2120000444	Spacer	1

.1 For UH9004-263-M14

.2 For UH9005-353-H16

* * * * * is one of the gauge parts

5. CHAIN LOOPER DRIVING MECHANISM (FOR UH90□5 ONLY)



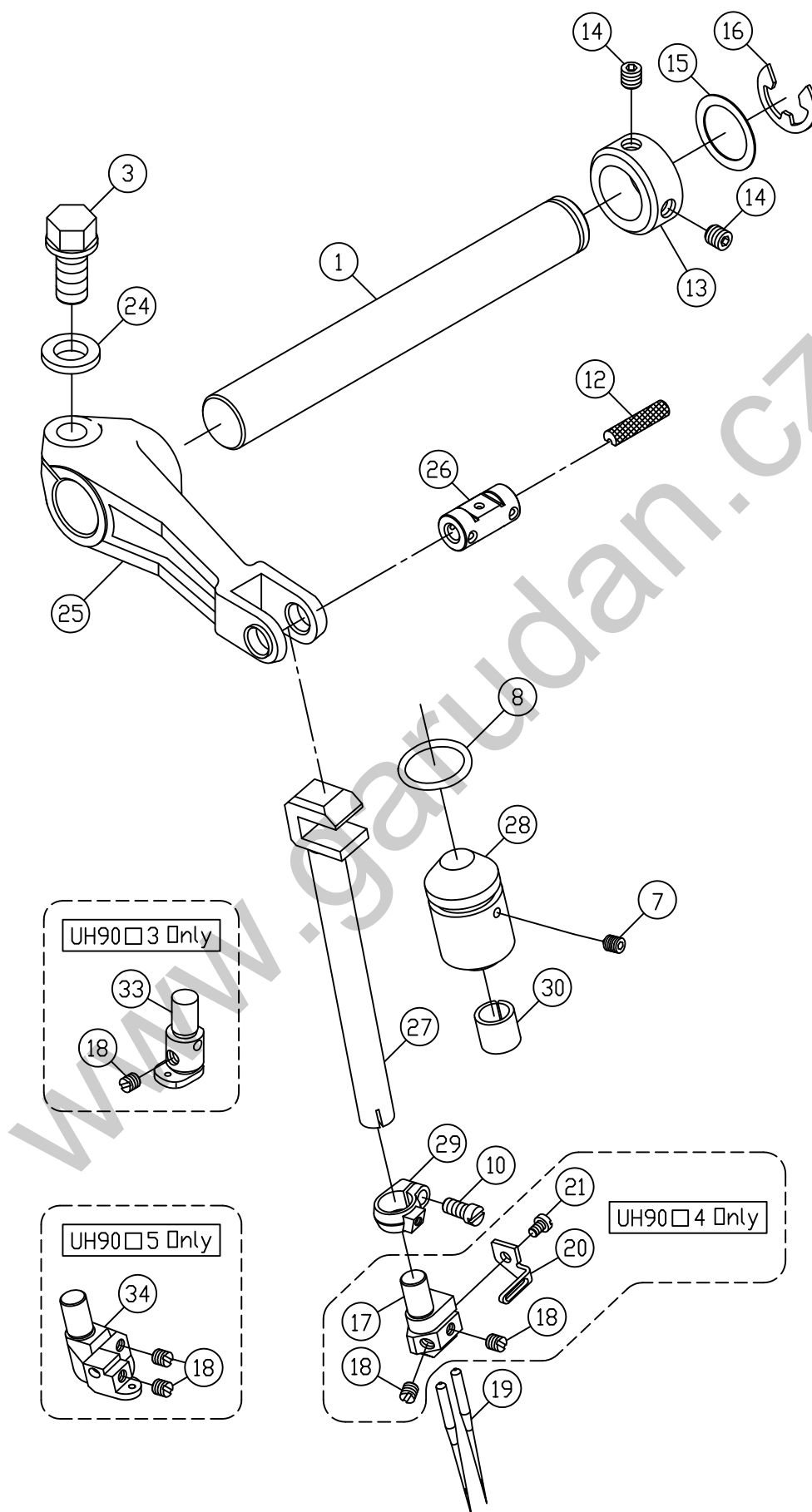
5. Chain Looper Driving Mechanism (For UH90□5 Only)

Ref. No.	Parts No.	Description	Amt. Req.
1	2120050501	Shaft	1
2	2120050502	Oil Seal	1
3	2120050503	Chain Looper Arm	1
4	2120000435	Spacer	1
5	8MK05321308C	Screw	1
6	8MB04280713A	Screw	1
7	* * * * *	Chainstitch Looper	
8	8MB85240705A	Screw	1
9	2120050509	Crank	1
* 10	8MM06401210A	Screw	3
11	2120050511	Connector	1
* 12	2120000512	Link	1
13	2120050513	Stud	1
14	2120050514	Pin	1
15	2120050515	Slider	1
16	2120050516	Pin	1
17	2120000918	Gasket	1
18	2120050518	Crank	1
19	2200001025	Washer	1
20	90SW050	Spring Washer	1
21	8MM05321209A	Screw	1
22	2120050522	Connection Rod	1
23	90NB182208	Needle Bearing	1
* 25	8MN05320500E	Screw	1
* 30	2120050530	Crank	1
* 31	2120000611	Pin	1
* 32	8MN04280500C	Screw	1
* 33	212A0050530	Crank Asm.	1
34	2120000440	Spring Washer	1

* These parts will have to buy in complete set.

* * * * * is one of the gauge parts

6. NEEDLE BAR COMPONENTS



6. Needle Bar Components

Ref. No.	Parts No.	Description	Amt. Req.
1	2120000601	Shaft	1
3	8MK06301408J	Screw	1
7	8MN04280500C	Screw	1
8	2120000608	O-Ring	1
10	8MB03200604A	Screw	1
12	2120000612	Felt	1
13	2120000613	Collar	1
14	8MN04280400A	Screw	2
15	2120000615	Washer	1
16	90ER080	E-Ring	1
17	* * * * *	Needle Holder	
18	8SH32440300A	Screw	1(3) 2(4、5)
19	* * * * *	Needle	
20	2120040620	Thread Guide	1
21	8MB02160304A	Screw	1
24	2120000440	Spring Washer	1
25	2120000625	Lever	1
26	2120000626	Pin	1
27	2120000627	Needle Bar	1
28	2120000628	Bushing	1
29	2120000629	Clamp	1
30	2120000630	Felt	1
33	* * * * *	Needle Holder	
34	* * * * *	Needle Holder	

* * * * * is one of the gauge parts

This exploded view diagram illustrates the assembly of a mechanical component, likely a door latch or lock mechanism. The parts are numbered 1 through 49. Key callouts include:

- SS033 US040 Only:** Points to parts 2, 3, and 46.
- For UH90□3 UH90□4:** Points to parts 6, 7, and 40.
- UH90□5 Only:** Points to parts 4, 5, 31, 32, 37, 38, 39, 43, 44, and 48.
- UH90□3 UH90□4:** Points to parts 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 41, 42, 43, 44, 45, 46, 47, 48, and 49.

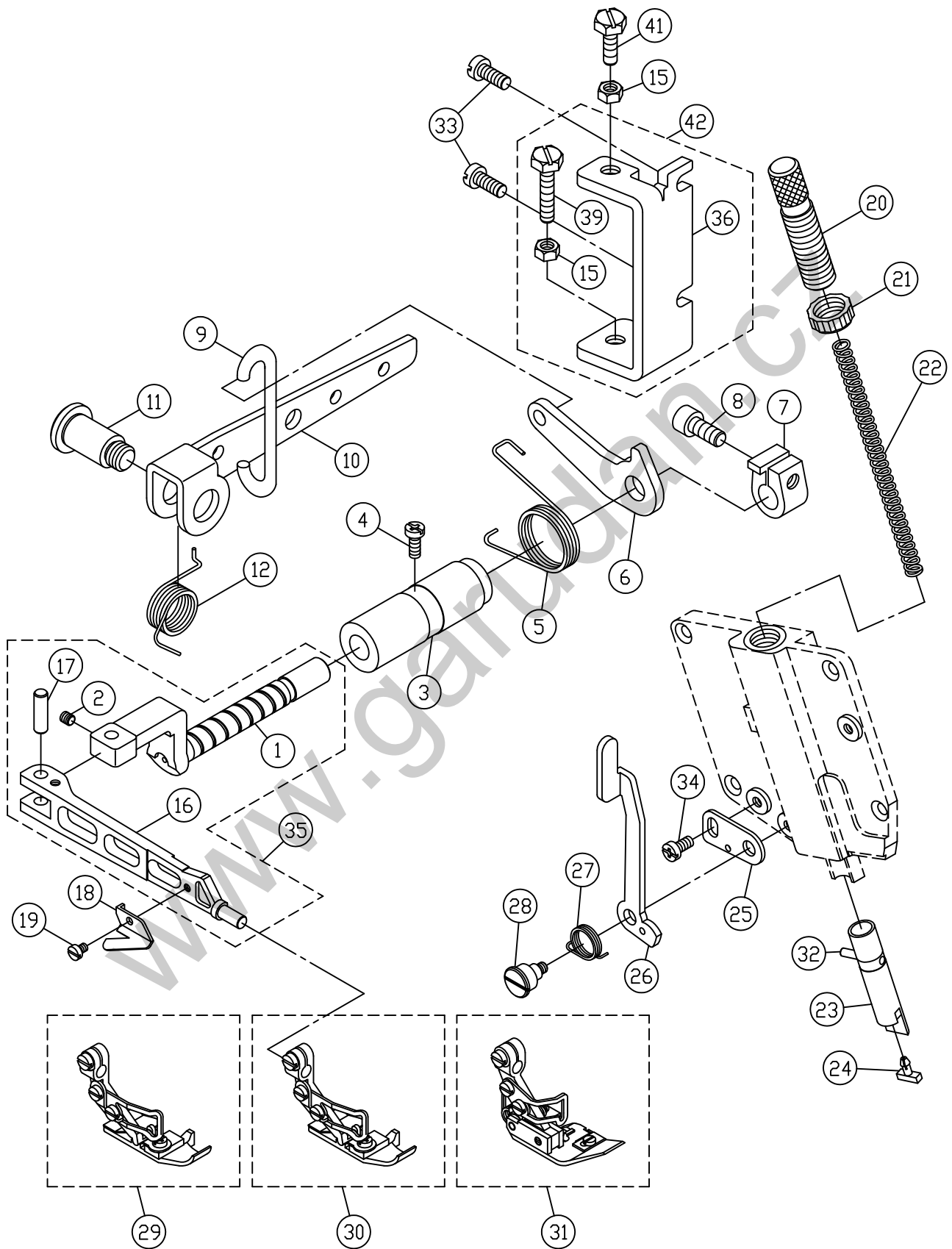
The diagram shows the main body (1) with various internal components like springs (13, 23), levers (15, 19), and pins (12, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 41, 42, 43, 44, 45, 46, 47, 48, 49) being assembled into it. A large watermark 'WZ' is visible across the center of the diagram.

7. Upper And Lower Knife Components

Ref. No.	Parts No.	Description	Amt. Req.
1	21200007011	Upper Knife Shaft	1
2	2120000702	Pin	1
3	2120000703	Pin	1
4	2120000704	Collar	2
5	8MN06400500A	Screw	2
6	21200307061-1	Upper Knife Clamp	1
7	8MC04280807D	Screw	1
8	2120000708	Upper Knife	1
9	8MB85240806A	Screw	1
10	2120000710	Bracket	1
11	2120000711	Pin	1
12	8MM06402510A	Screw	2
13	2120000713	Spring	1
14	2120030714	Lower Knife Holder	1
15	2120000715	Lower Knife/Thick	1
16	2120000716	Lower Knife Clamp	1
17	8MK05321108A	Screw	1
18	8MC04280807D	Screw	9
19	2120000719	Guide	1
20	2120000720	Plate	1
21	2120000721	Push Button	1
22	90ER030	E-Ring	1
23	2120000723	Spring	1
24	2120000724	Washer	2
26	2120000726	Rear Support	1
27	2120000727	Front Support	1
28	2120000137	Cushion Rubber	2
29	2120000729	Stopper	1
30	* * * * *	Needle Guard (Front)	
31	* * * * *	Needle Plate	
32	8MF04280807C	Screw	2
33	* * * * *	Traveling Needle Guide	
34	8MK03200506A	Screw	1
35	90PW030	Washer	1
36	8MB03200304A	Screw	1
37	2120050737	Bracket	1
38	* * * * *	Needle Guard	
39	* * * * *	Needle Guard	
40	2120050740	Upper Knife Clamp	1
41	2120050741	Lower Knife Holder	1
42	* * * * *	Needle Guard (Front)	
43	8MB03200606A	Screw	4
44	8MB04281006A	Screw	2
45	90SP0514	Pin	1
46	2100000223	Washer	1
48	2120050502	Oil Seal	1
49	2120000748	Gasket	1

* * * * * is one of the gauge parts

8. PRESSER FOOT COMPONENTS

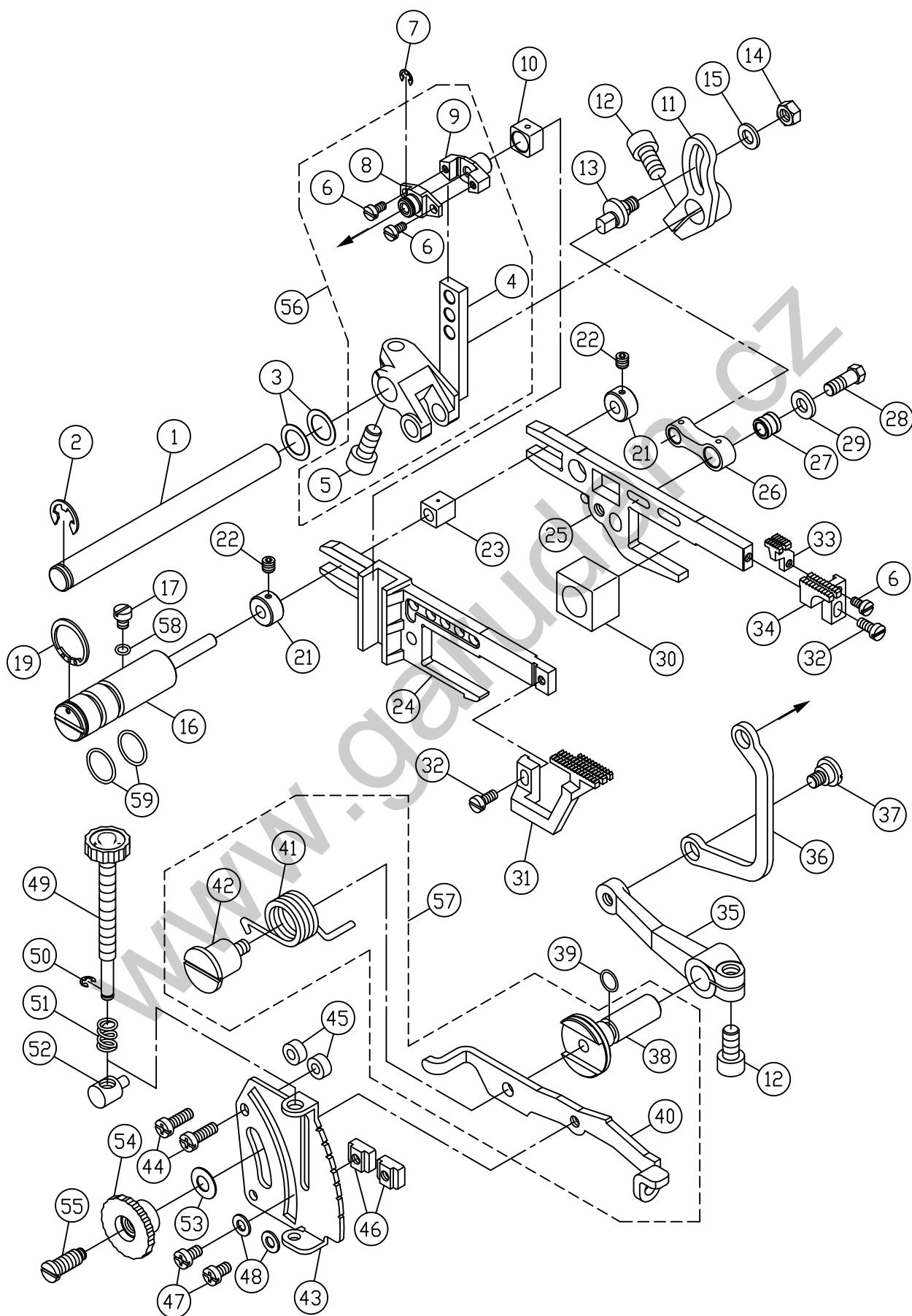


8. Presser Foot Components

Ref. No.	Parts No.	Description	Amt. Req.
1	2120000801	Shaft	1
2	8MN04280400A	Screw	1
3	2120000803	Bushing	1
4	8MC04281607D	Screw	1
5	2120000805	Spring	1
6	2120000806	Level	1
7	21200008071	Collar	1
8	8MM06301210A	Screw	1
9	2120000809	Lifting Hook	1
10	2120000810	Level	1
11	2120000811	Stud	1
12	2120000812	Spring	1
15	8MA05320408A	Nut	2
16	2120000816	Presser Arm	1
17	2100001004	Pin	1
18	2120000818	Chain Cutter	1
19	8MB03200406A	Screw	1
20	2120000820	Adjusting Screw	1
21	2120000821	Nut	1
22	2120000822	Spring	1
23	2120000823	Presser Bar	1
24	2120000824	Plunger	1
25	2120000825	Stopper	1
26	2120000826	Lever	1
27	2120000827	Spring	1
28	8MB04281412R	Stud	1
29	* * * * *	Presser Foot Asm.	
30	* * * * *	Presser Foot Asm.	
31	* * * * *	Presser Foot Asm.	
32	90SP0316	Spring Pin	1
33	8MC04280807D	Screw	2
34	8MC04280607D	Screw	1
35	212A0000816	Presser Arm Asm.	1
36	21200008361	Stopper	1
39	8MK05322710A	Screw	1
41	8MK05321408A	Screw	1
42	212A00008371	Adjusting Screw Asm.	1

* * * * * is one of the gauge parts

9. FEED MECHANISM COMPONENTS

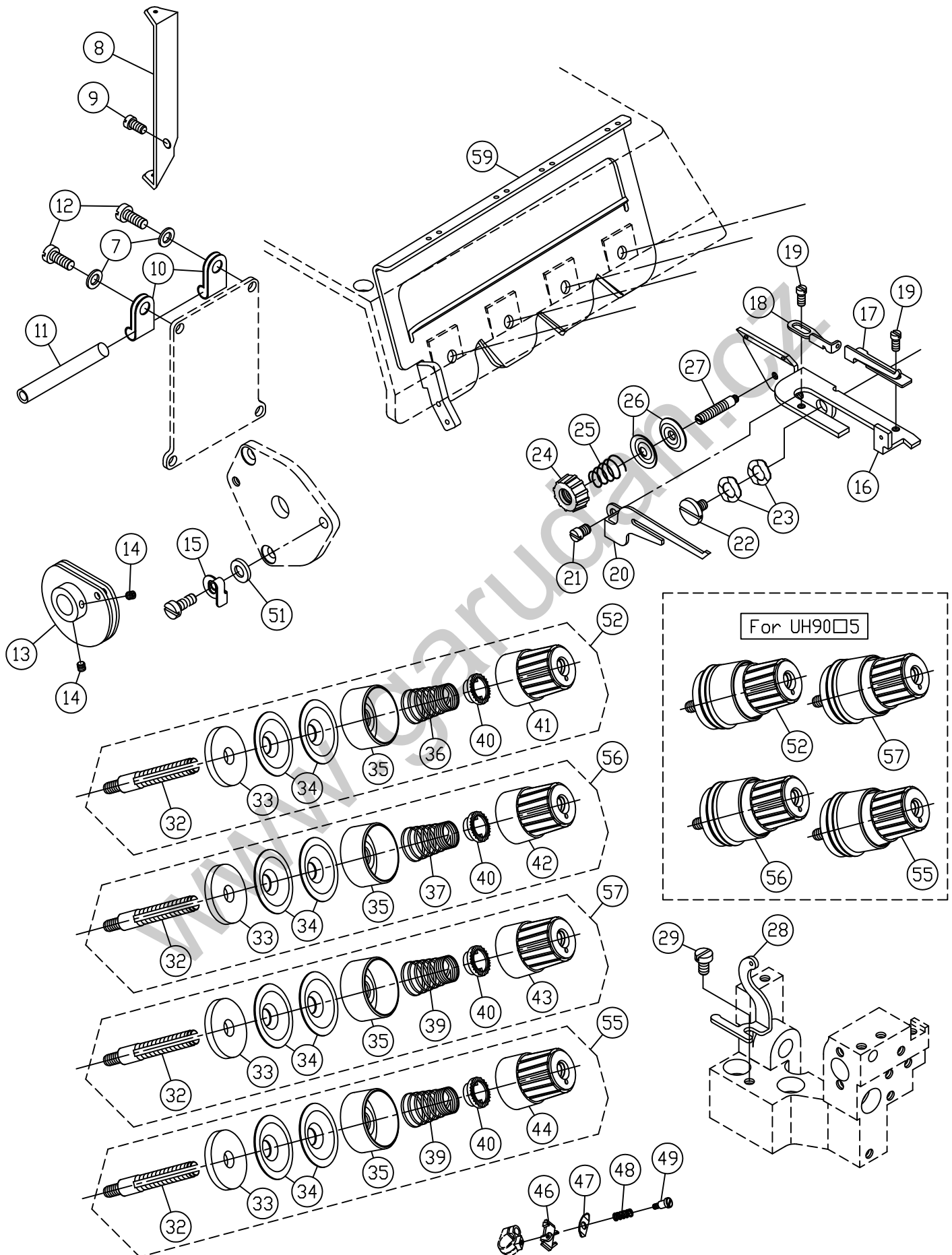


9. Feed Mechanism Components

Ref. No.	Parts No.	Description	Amt. Req.
1	2120000901	Shaft	1
2	90ER070	E-Ring	1
3	2120000424	Washer	2
4	2120000904	Differential Feed Roker	1
5	8MM06401410A	Screw	1
6	8MB03200606A	Screw	3
7	90ER060	E-Ring	1
8	2120000908	Slider Cap	1
9	2120000909	Slider	1
10	2120000910	Slider Block	1
11	2120000911	Crank	1
12	8MM06401210A	Screw	2
13	2120000913	Pin	1
14	8MA05320408A	Nut	1
15	2200001025	Washer	1
16	21200009162	Shaft	1
17	8MB04280507A	Screw	1
19	2120000919	Ring	1
21	2120000921	Collar	2
22	8MN04280400A	Screw	2
23	2120000923	Block	1
24	2120000924	Differential Feed Bar	1
25	2120000925	Main Feed Bar	1
26	2120000926	Link	1
27	2120000526	Bushing	1
28	8MK05201307G	Screw	1
29	2120000527	Washer	1
30	2120000930	Block	1
31	* * * * *	Differential Feed Dog	
32	8MB85240806A	Screw	2
33	* * * * *	Auxiliary Feed Dog	
34	* * * * *	Main Feed Dog	
35	2120000935	Lever	1
36	2120000936	Link	1
37	8MB05320911G	Stud	1
38	2120000938	Shaft	1
39	90OR070	O-Ring	1
40	2120000940	Lever	1
41	2120000941	Spring	1
42	2120000942	Stud	1
43	2120000943	Regulator Plate	1
44	8MC04281207D	Screw	2
45	2120000945	Spacer	2
46	2120000946	Spacer	2
47	8MC04280607D	Screw	2
48	2100000223	Washer	2
49	2120000949	Adjusting Screw	1
50	90ER030	E-Ring	1
51	2120000951	Spring	1
52	2120000952	Pin	1
53	2120000953	Spring Washer	1
54	2120000954	Nut	1
55	8MB06301608Q	Screw	1
56	212A0000904	Differential Feed Roker	1
57	212A0000938	Shaft Asm.	1
58	2120000959	Washer	1
59	2120000960	O-Ring	2

* * * * * is one of the gauge parts

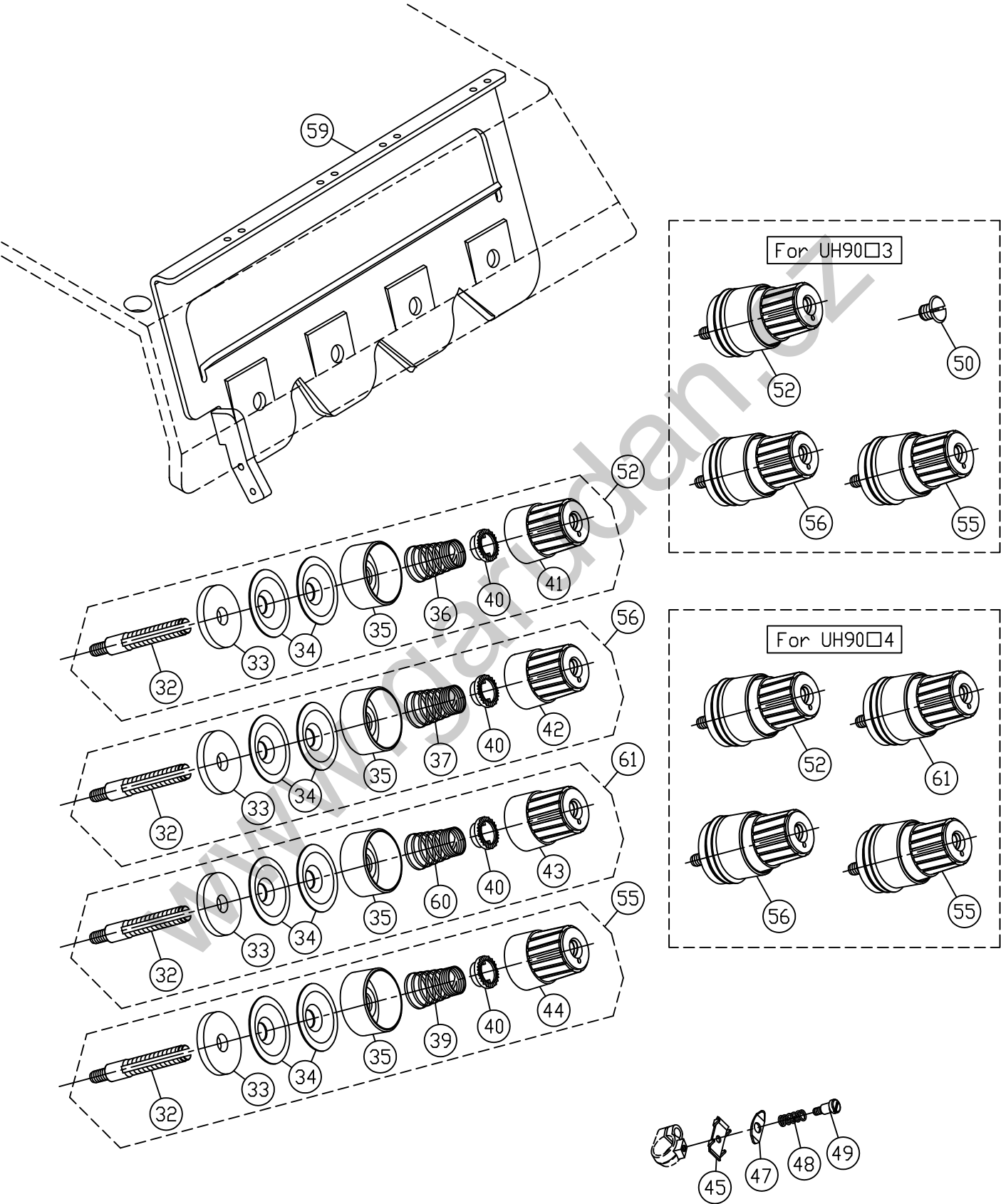
10. THREAD TENSION COMPONENTS (FOR UH90□5 ONLY)



10. Thread Tension Components (For UH90□5 Only)

Ref. No.	Parts No.	Description	Amt. Req.
7	2100000223	Washer	2
8	2120051008	Thread Guide	1
9	8MC04280507D	Screw	1
10	2120051010	Holder	2
11	2100051112	Thread Guide Tube	1
12	8MC04281207D	Screw	2
13	2120051013	Thread Takeup	1
14	8MN03200300A	Screw	2
15	2120051015	Latch	1
16	2120051016	Bracket	1
17	2120051017	Thread Guide	1
18	2120051018	Thread Guide	1
19	8MB03200406A	Screw	2
20	2120051020	Hook	1
21	8MC04280507D	Screw	1
22	8MB04280711E	Screw	1
23	2120000150	Washer	2
24	2120051024	Nut	1
25	2120051025	Spring	1
26	2120051026	Tension Disc	2
27	2120051027	Stud	1
28	2120051028	Thread Guide	1
29	8MC04281007D	Screw	1
32	2100001120	Stud	4
33	2100001127	Felt	4
34	2100001126	Tension Disc	8
35	2100001125	Tension Spring Retainer	4
36	2100001132	Spring (Blue)	1
37	2100041131	Spring (Yellow)	1
39	2100001123	Spring (Red)	2
40	2100001122	Bush	4
41	2100001121	Tension Nut (Blue)	1
42	2100001121	Tension Nut (Yellow)	1
43	2100001121	Tension Nut (Green)	1
44	2100001121	Tension Nut (Red)	1
46	2120051046	Thread Guide Plate	1
47	2120001047	Tension Control Plate	1
48	2120001048	Spring	1
49	2120001049	Stud	1
51	2120001051	Washer	1
52	212A0001052	Tension Controlle Asm.	1
55	212A0001055	Tension Controlle Asm.	1
56	212A0001056	Tension Controlle Asm.	1
57	212A0051057	Tension Controlle Asm.	1
59	2120001059	Thread Guide Plate	1

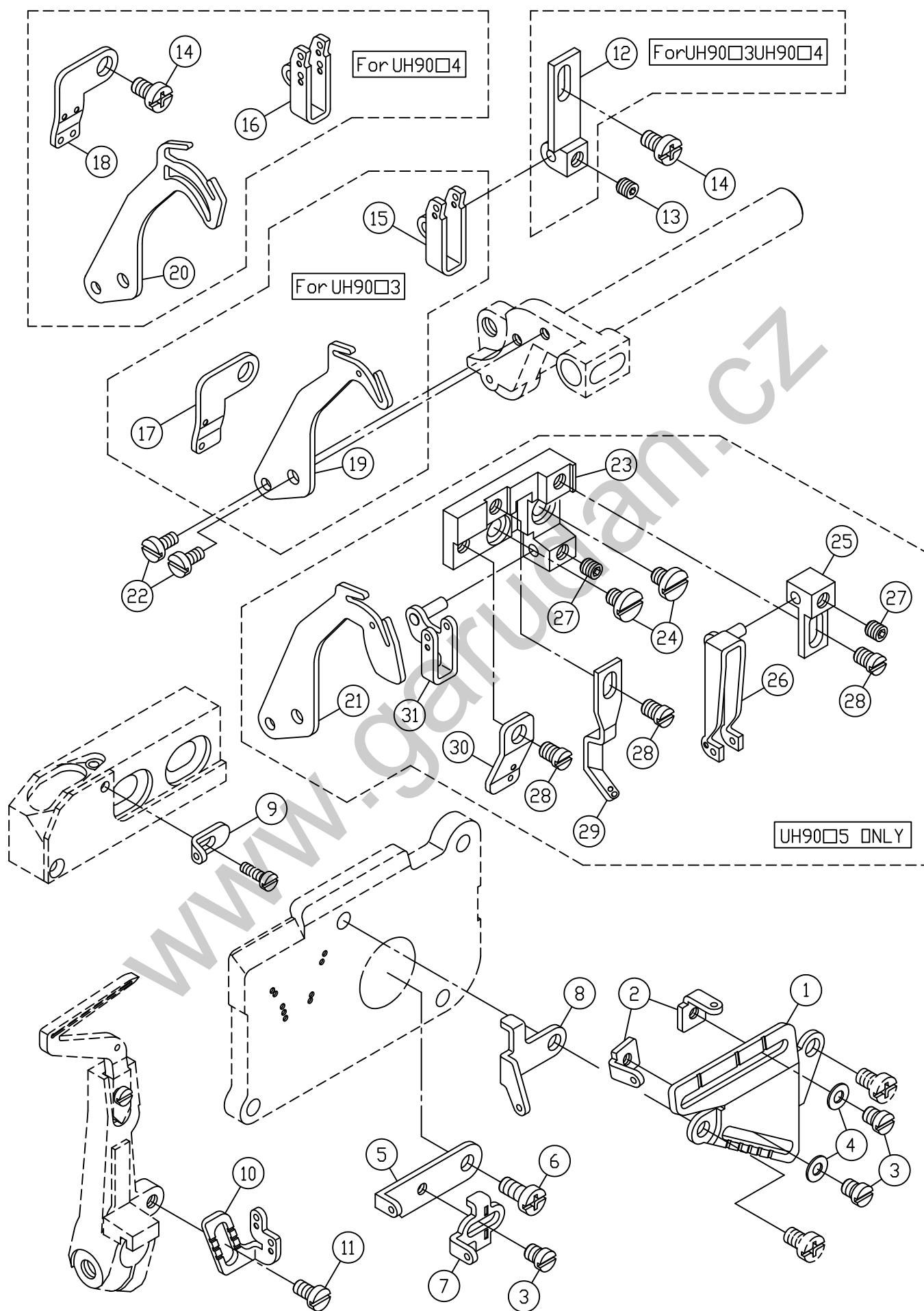
10-1. THREAD TENSION COMPONENTS (FOR UH90□3 UH90□4)



10-1. Thread Tension Components (For UH90□3 UH90□4)

Ref. No.	Parts No.	Description	Amt. Req.
32	2100001120	Stud	3(3) 4(4)
33	2100001127	Felt	3(3) 4(4)
34	2100001126	Tension Disc	6(3) 8(4)
35	2100001125	Tension Spring Retainer	3(3) 4(4)
36	2100001132	Spring (Blue)	1(3 、 4)
37	2100041131	Spring (Yellow)	1(3 、 4)
39	2100001123	Spring (Red)	1(3 、 4)
40	2100001122	Bush	3(3) 4(4)
41	2100001121	Tension Nut (Blue)	1(3 、 4)
42	2100001121	Tension Nut (Yellow)	1(3 、 4)
43	2100001121	Tension Nut (Green)	1(4)
44	2100001121	Tension Nut (Red)	1(3 、 4)
45	2120031045	Thread Guide Plate	1(3 、 4)
47	2120001047	Tension Control Plate	1(3 、 4)
48	2120001048	Spring	1(3 、 4)
49	2120001049	Stud	1(3 、 4)
50	8SB44400608K	Screw	1(3)
52	212A0001052	Tension Controlle Asm.	1(3 、 4)
55	212A0001055	Tension Controlle Asm.	1(3 、 4)
56	212A0001056	Tension Controlle Asm.	1(3 、 4)
59	2120001059	Thread Guide Plate	1
60	2100001124	Spring (Green)	1(4)
61	212A0041054	Tension Controlle Asm.	1(4)

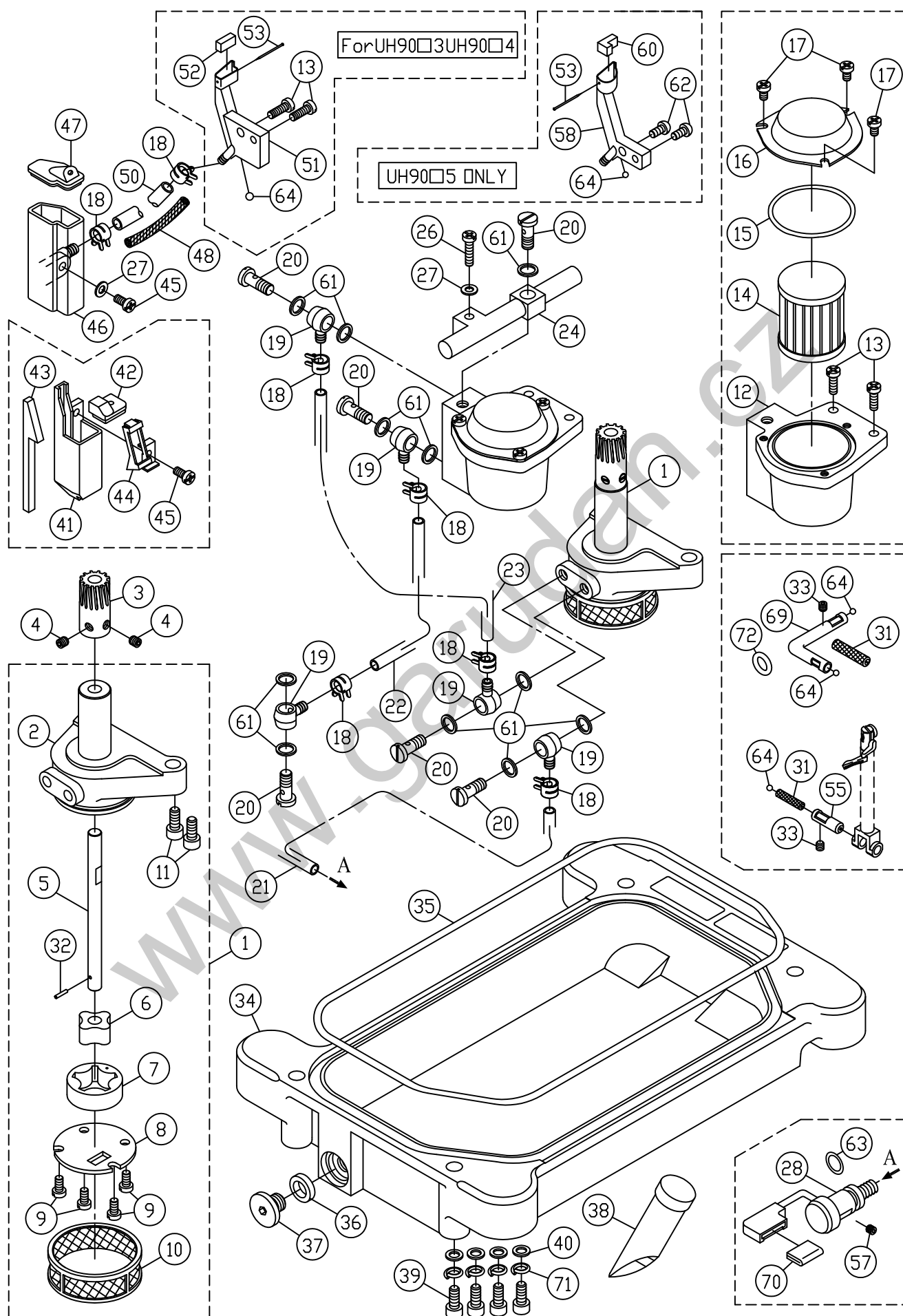
11. THREAD GUIDE AND THREAD TAKEUP



11. Thread Guide And Thread Takeup

Ref. No.	Parts No.	Description	Amt. Req.
1	2120001101	Bracket	1
2	2120001102	Thread Guide (Right)	2
3	8MB03200406A	Screw	3
4	90PW030	Washer	2
5	2120001105	Thread Takeup	1
6	8MC04280807D	Screw	1
7	2120001107	Thread Guide	1
8	2120001108	Thread Guide	1
9	2120001109	Thread Guide	1
10	2120001110	Thread Takeup	1
11	8MB85240607K	Screw	1
12	21200311121	Bracket	1
13	8MN04280400A	Screw	1
14	8MC04280607D	Screw	2
15	2120031115	Thread Guide	1
16	2120041116	Thread Guide	1
17	2120031117	Thread Guide	1
18	2120041118	Thread Guide	1
19	2120031119	Thread Takeup	1
20	2120041120	Thread Takeup	1
21	2120051121	Thread Takeup	1
22	8MB03200606A	Screw	2
23	2120051123	Bracket	1
24	8MB04280807A	Screw	2
25	2120051125	Bracket	1
26	2120051126	Thread Guide	1
27	8MN04280400A	Screw	2
28	8MB04280507A	Screw	3
29	2120051129	Thread Guide	1
30	2120051130	Thread Guide	1
31	2120051131	Thread Guide	1

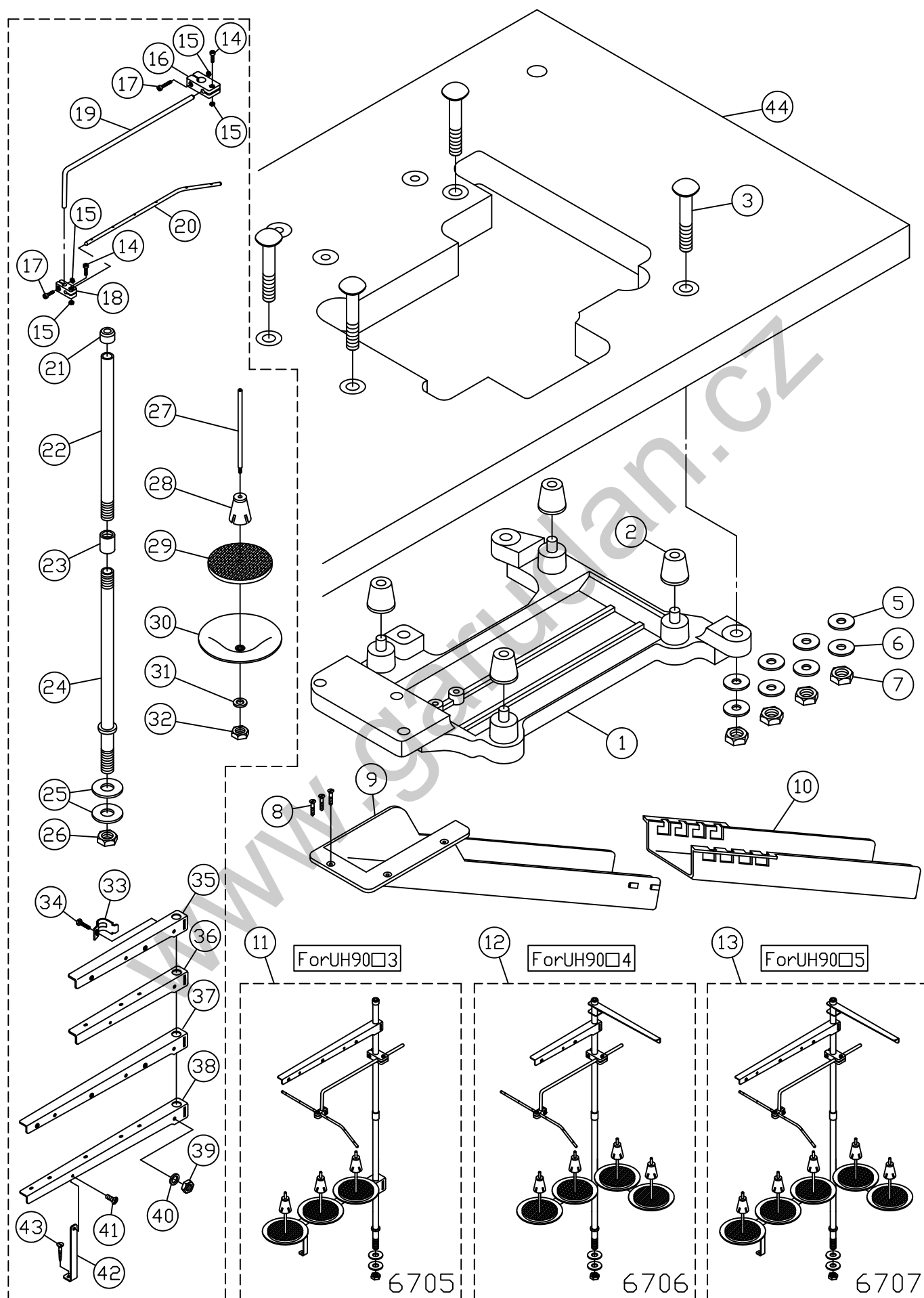
12. LUBRICATION AND COOLING MECHANISM



12. Lubrication And Cooling Mechanism

Ref. No.	Parts No.	Description	Amt. Req.
1	212A0001202	Pump Asm.	1
2	2120001202	Pump Seat	1
3	2120001203	Worm Gear	1
4	8MN05320400A	Screw	2
5	2120001205	Shaft	1
6	2120001206	Inside Rotor	1
7	2120001207	Outside Rotor	1
8	2120001208	Cover	1
9	8MC04280807D	Screw	4
10	2120001210	Filter	1
11	8MB04281607A	Screw	2
12	21200012121	Filter Seat	1
13	8MC04281207D	Screw	4
14	2100001521	Oil Filter	1
15	2120001215	O-Ring	1
16	2120001216	Cover	1
17	8WD04000807D	Screw	3
18	2100001536	Tube	7
19	2100001535	Joint	5
20	2120001220	Screw	6
21	66792	Oil Tube	1
22	66792	Oil Tube	1
23	66792	Oil Tube	1
24	2120001224	Oil Distributor	1
26	8MC04281607D	Screw	1
27	2100000223	Washer	2
28	2120001228	Felt Housing	1
31	2120000612	Felt	2
32	90SP0210	Pin	1
33	8MN04280400A	Screw	2
34	2120001234	Oil Reservoir	1
35	2120001235	Gasket	1
36	2100000244	Gasket	1
37	8SM95281017A	Stud	1
38	2110001507	Oil Sight Window	1
39	8MM05321209A	Screw	4
40	2120001240	Washer	4
41	2120001241	Silicone Oil Reservoir (Upper)	1
42	2120001242	Cover	1
43	2120001243	Felt	1
44	2120001244	Cover	1
45	8MC04281007D	Screw	2
46	2120001246	Silicone Oil Reservoir (Lower)	1
47	2120001247	Cover	1
48	66800	Oil Wick	1
50	66792	Oil Tube	1(3、4) 1(5)
51	2120031251	Needle Thread Lubricator	1
52	2120031252	Felt	1
53	2120001253	Pin	1(3、4) 1(5)
55	2120001255	Tube	1
57	8MN04280400A	Screw	1
58	2120051258	Needle Thread Lubricator (For 5 Lines)	1
60	2120051260	Felt	1
61	2100001534	Washer	11
62	8MC04280807D	Screw	2
63	90OR070	O-Ring	1
64	2120001264	Plug	4(3、4) 4(5)
69	2120001269	Tube	1
70	2120001270	Felt	1
71	90SW050	Washer	4
72	90OR040	O-Ring	1

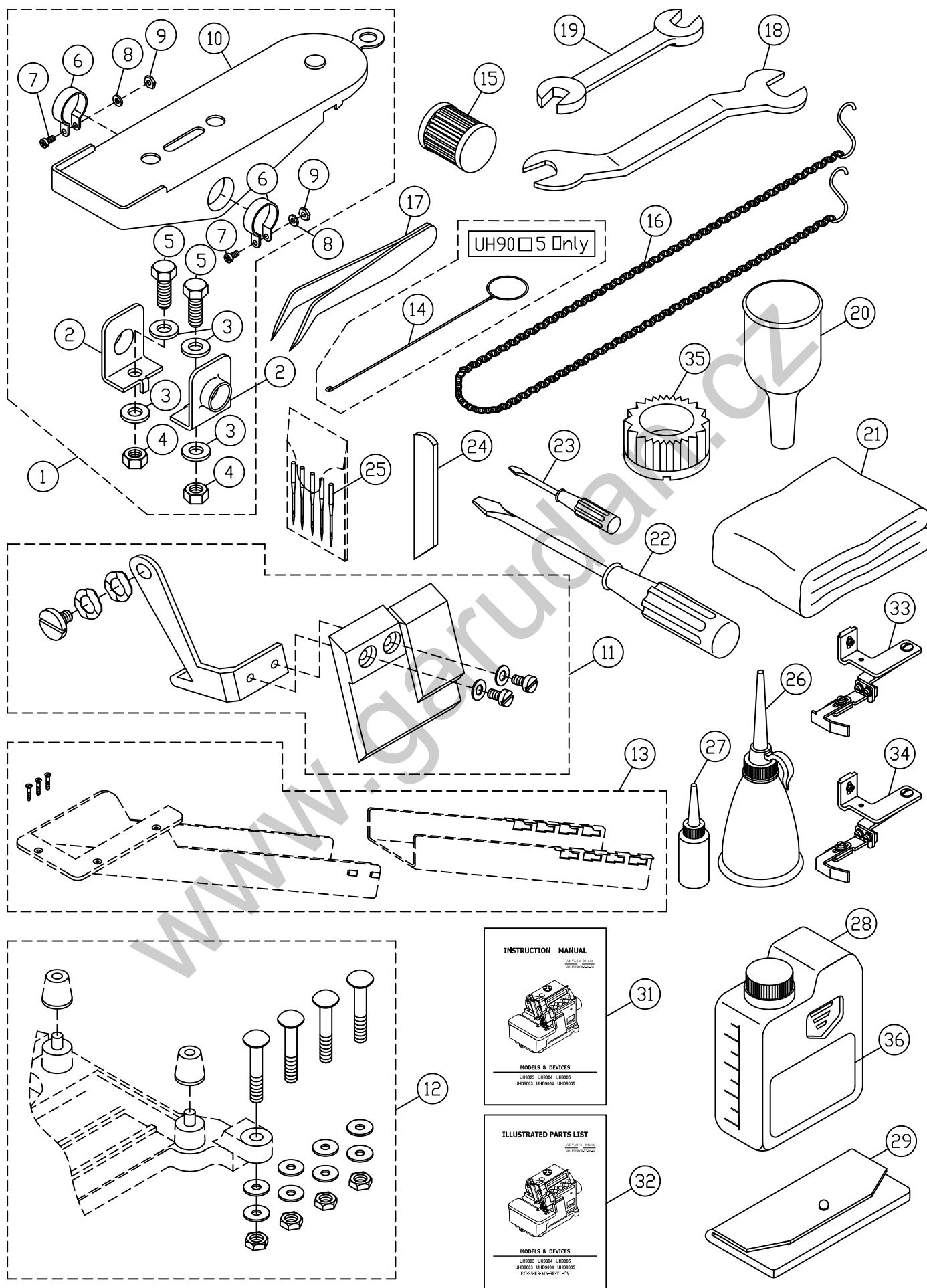
13. PARTS FOR SEMI-SUBMERGED INSTALLATION



13. Parts For Semi-Submerged Installation

Ref. No.	Parts No.	Description	Amt. Req.
1	66911	Frame Support Plate	1
2	66941	Rubber	4
3	66956	Stud	4
5	90PW100	Washer	4
6	90PW1001	Washer	4
7	8MA10800714A	Nut	4
8	8WF03131706A	Wood Screw	3
9	66820-1	Waste Chute	1
10	66820-2	Waste Chute	1
11	66705	Thread Stand Asm.	1
12	66706	Thread Stand Asm.	1
13	66707	Thread Stand Asm.	1
14	667058	Screw	2
15	667059	Nut	4
16	667057	Bracket	1
17	6670510	Screw	2
18	6670512	Bracket	1
19	6670511	Arm	1
20	6670513	Thread Guide	1
21	667051	Rod Cup	1
22	667052	Upper Thread Stand Rod	1
23	667053	Joint	1
24	667054	Lower Thread Stand Rod	1
25	667055	Washer	2
26	667056	Nut	1
27	6670515	Spool Pin	1
28	6670516	Spool Retaining Fig	1
29	6670517	Seat	1
30	6670518	Spool Tray	1
31	6670519	Spring Washer	1
32	6670520	Nut	1
33	6670523	Clamp	2
34	6670524	Screw	1
35	6670531	Thread Guide	2(4) 1(5)
36	667061	Spool Set Bracket	2(4) 1(5)
37	6670521	Thread Guide	1(3 、 5)
38	6670522	Thread Guide	1(3 、 5)
39	6670526	Nut	1
40	6670525	Spring Washer	1
41	6670528	Screw	1(3 、 5)
42	6670527	Support Rod	1(3 、 5)
43	6670530	Wood Screw	1(3 、 5)
44	66814-1	Table	1

14. ACCESSORIES



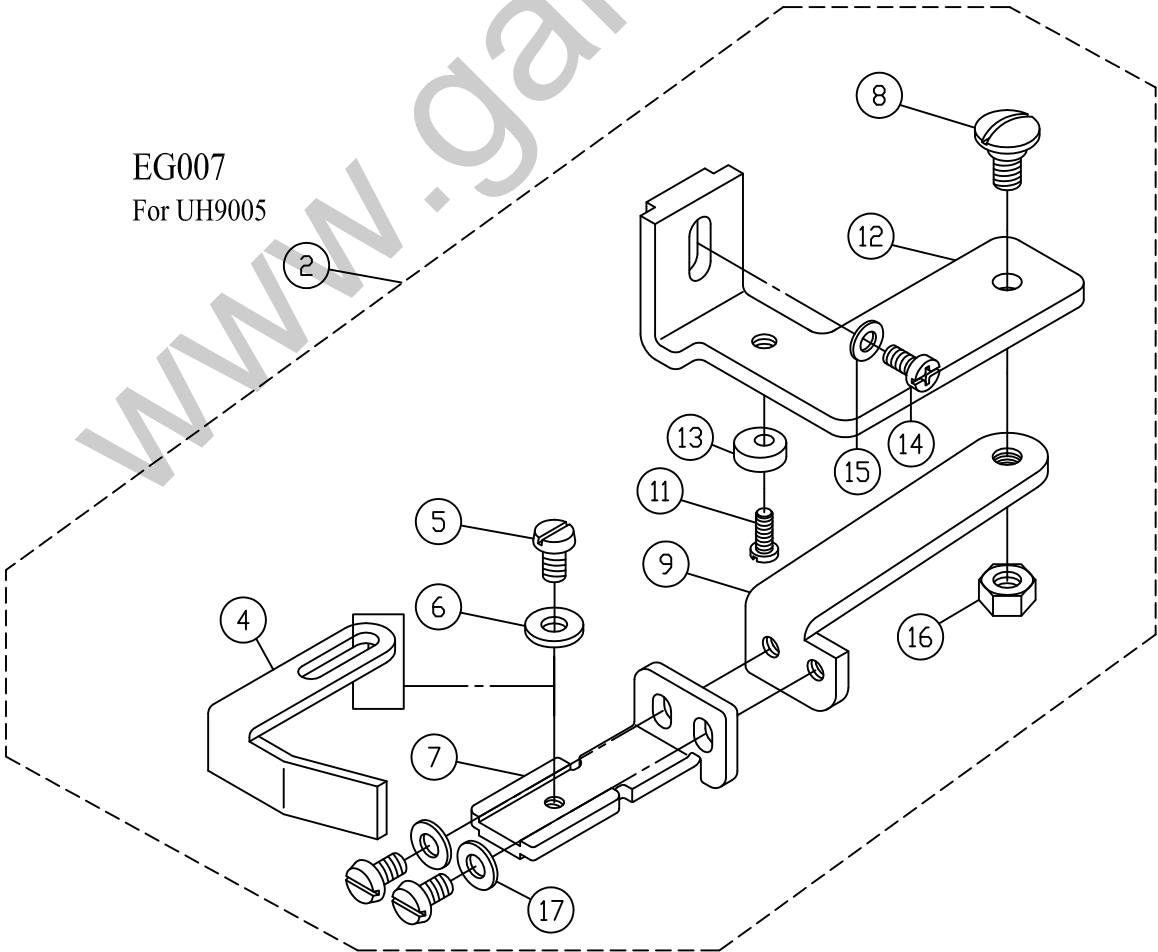
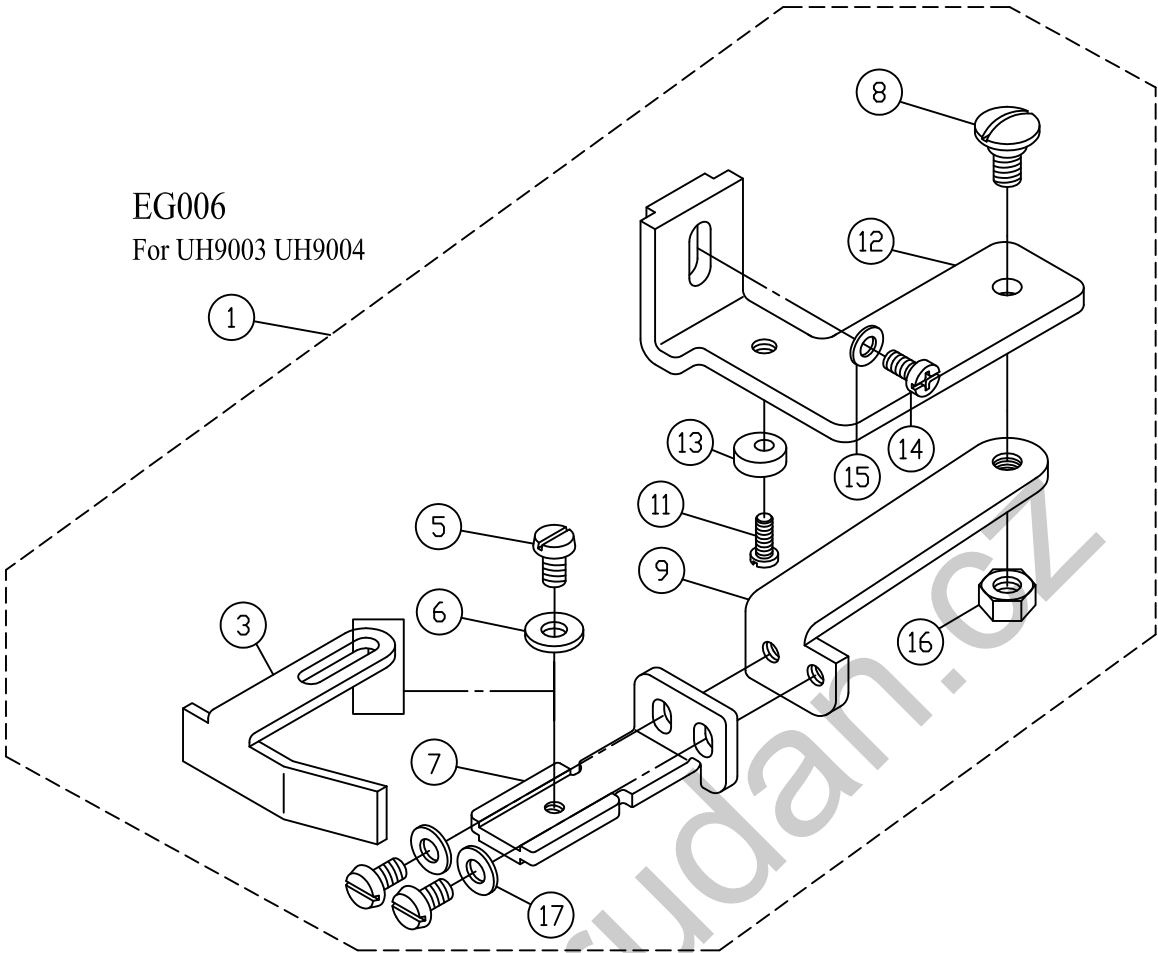
14. Accessories

Ref. No.	Parts No.	Description	Amt. Req.
1	66700	Pedal Set	1
2	667002	Bearing	2
3	667003	Washer	4
4	667004	Nut	2
5	667005	Screw	2
6	667006	Snap Ring	2
7	667007	Screw	2
8	667008	Washer	2
9	667009	Nut	2
10	667001	Pedal	1
11	212A0000161	See Page II	1
12	* * * * *	See Page Installation	1
13	66820	See Page Installation	1
14	66840	Threading Bar	1
15	2100001521	Cartridge Filter	1
16	66695	Chain	1
17	66690	Tweezers	1
18	66625	Wrench 12*14MM	1
19	66613	Wrench	1
20	66722	Oil Funnel	1
21	66845-1	Cover	1
22	66665	Screwdriver	1
23	66667	Screwdriver	1
24	2120000715	Lower Knife	1
25	66732-11-5	Needle	1
26	66721	Container	1
27	66720	Oiler	1
28	66715	Oil Container	1
29	66831	Accessories Bag	1
31	6UH9000-5	Instruction Manual	1
32	6UH9000-3	Parts List	1
*	33 /EG006	Edge Guide Set	1
**	34 /EG007	Edge Guide Set	1
	35 66685	Oil Sight Window Wrench	1
	36 66453-9	Label	1

* For UH9003 UH9004

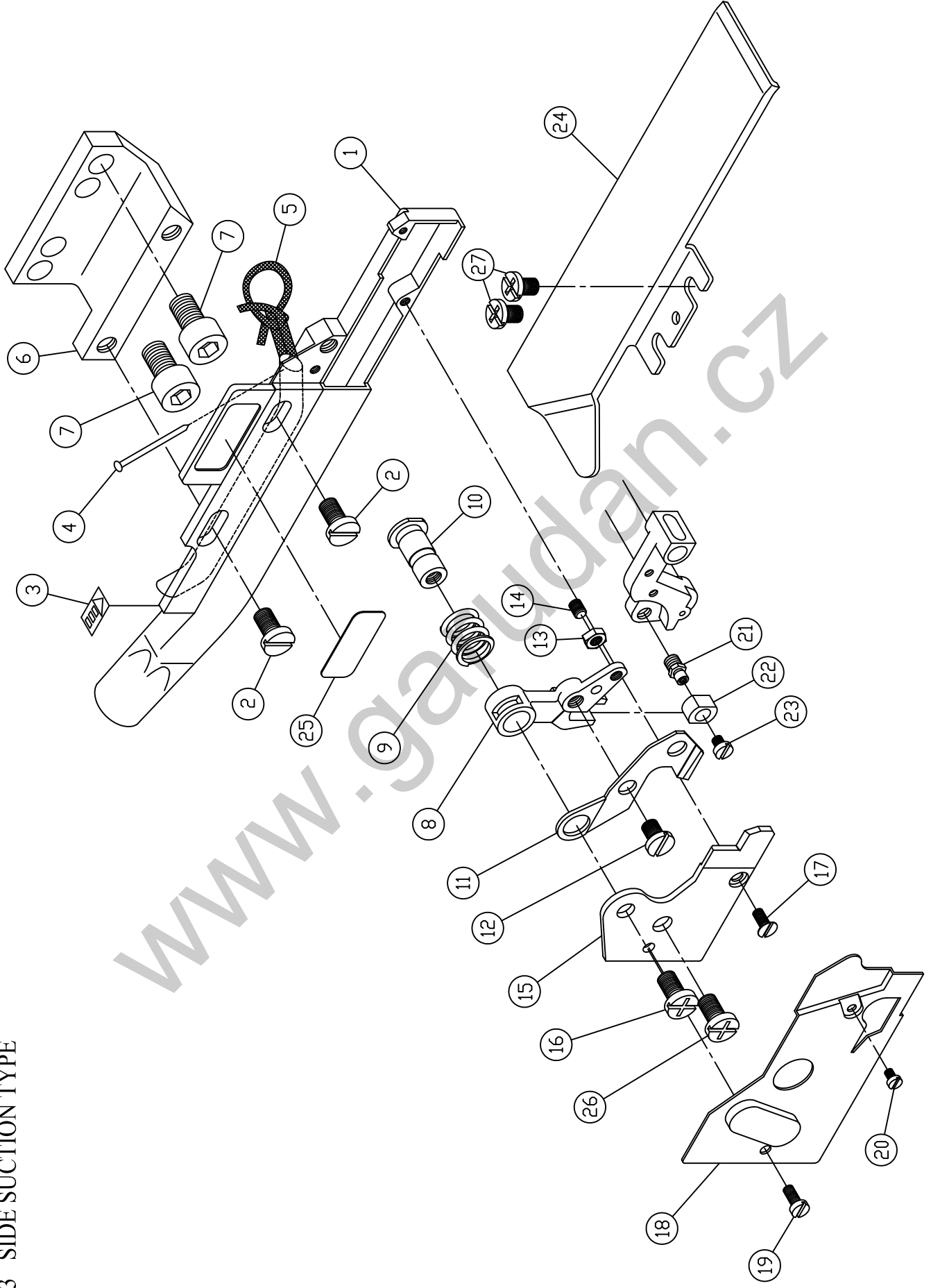
** For UH9005

* * * * * Parts For Semi-Submerged Installation



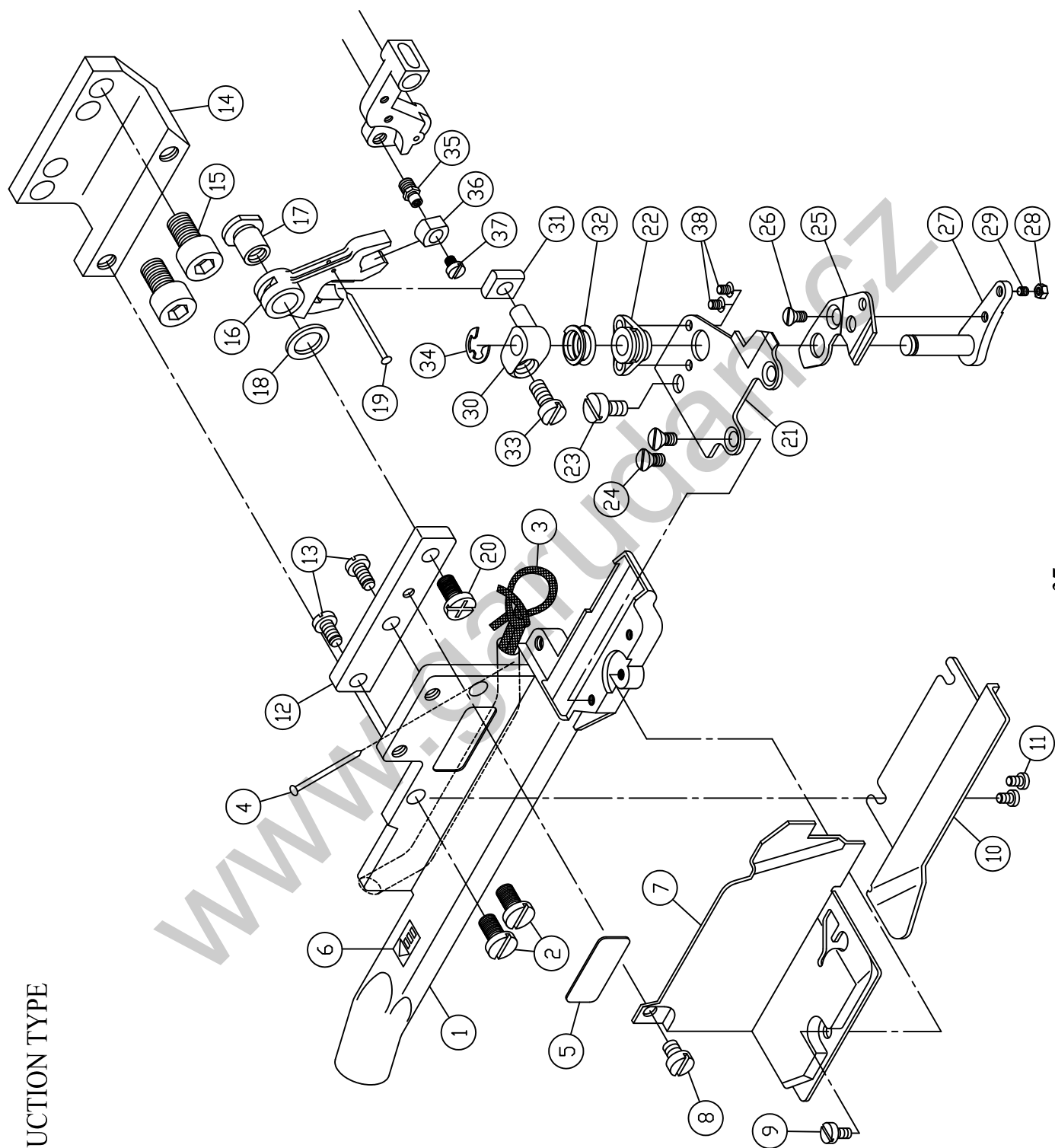
EG006 EG007 Edge Guide Device

Ref. No.	Parts.No.	Description	Amt. Req.
1	/EG006	Edge Guide Set	
2	/EG007	Edge Guide Set	
3	4EG0060103	Edge Guide	1
4	4EG0070104	Edge Guide	1
5	8SC36400707D	Screw	3
6	4EG0010107	Washer	1
7	4EG0060108	Edge Guide Bracket	1
8	8SC44400908E	Screw	1
9	4EG0060109	Hinge	1
11	8SB32440605K	Screw	1
12	4EG0060112	Bracket	1
13	4BH0020109	Cam	1
14	8MC04281207D	Screw	1
15	2100000223	Washer	1
16	8SA44400307A	Nut	1
17	4EG0060117	Washer	2



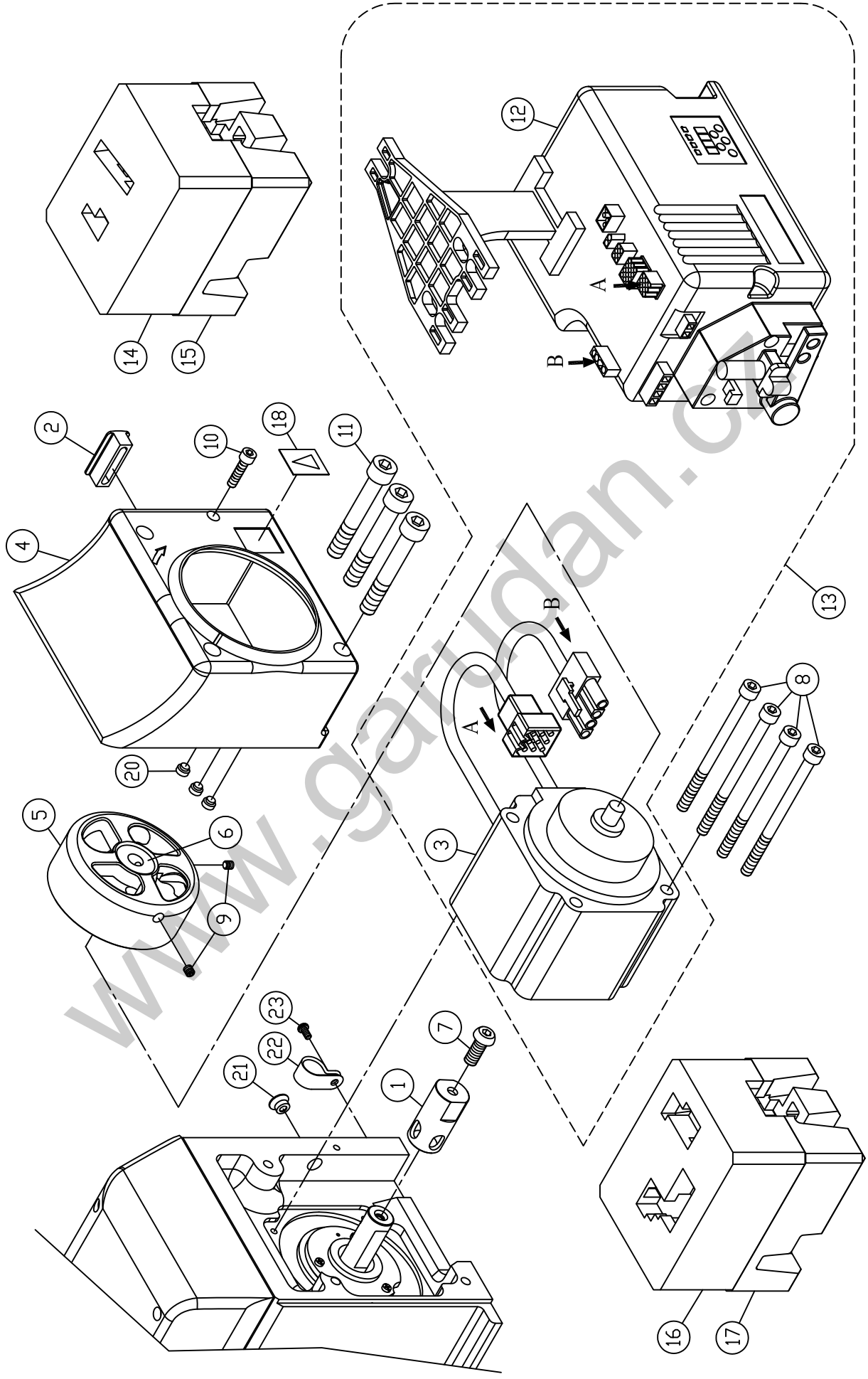
SS033 Side Suction Type

Ref. No.	Parts.No.	Description	Amt. Req.
1	4SS0330101	Knife Mounting Base	1
2	8MC95300808E	Screw	2
3	66453-8	Label	1
4	4SS0330104	Pin	1
5	4SS0330105	Oil Wick	1
6	4SS0330106	Knife Base	1
7	8MM06401210A	Screw	2
8	4SS0330108	Driving Lever	1
9	4SS0330109	Spring	1
10	4SS0330110	Stud	1
11	4SS0330111	Movable Knife	1
12	8MB04280607D	Screw	1
13	8MA03200206A	Nut	1
14	8MN03200400A	Screw	1
15	4SS0330115	Fixed Knife	1
16	8MB95301008A	Screw	1
17	8ME75180504A	Screw	1
18	4SS0330118	Cover	1
19	8MB75180605A	Screw	1
20	8MB02160304A	Screw	1
21	2120000702	Pin	1
22	4SS0330122	Slide Block	1
23	8MB75180305K	Screw	1
24	4SS0330124	Fabric Guard	1
25	4SS0330125	Type Label	1
26	8MB95401008A	Screw	1
27	8MC04280608D	Screw	2



US040 Under Suction Type

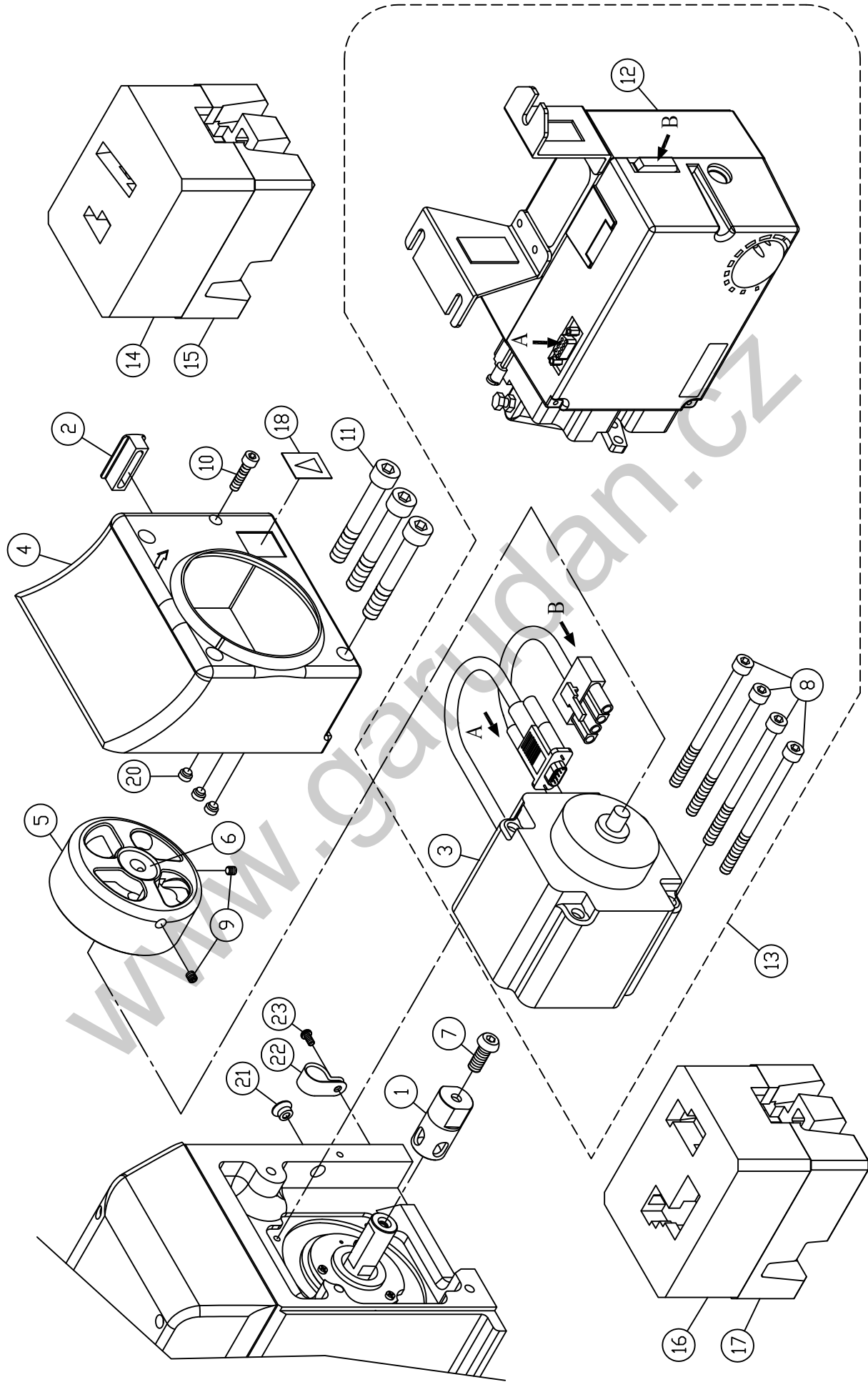
Ref. No.	Parts.No.	Description	Amt. Req.
1	4US0400101	Frame	1
2	8MC95300808E	Screw	2
3	4US0400103	Oil Wick	1
4	4US0400104	Pin	1
5	4US0400105	Name Plate	1
6	66453-8	Oil Mark	1
7	4US0400139	Cover	1
8	8MB03200406A	Screw	1
9	8MB03200405A	Screw	1
10	4US0400110	Cover	1
11	8MB03200305A	Screw	2
12	4US0400112	Bracket	1
13	8MC04280807D	Screw	2
14	4SS0330106	Bracket	1
15	8MM06401210A	Screw	2
16	4US0400116	Arm	1
17	4US0400117	Bush	1
18	2120000151	Washer	1
19	4US0400119	Pin	1
20	8MB95301008A	Screw	1
21	4US0400121	Upper Knife	1
22	4US0400122	Bush	1
23	8MB04280507K	Screw	1
24	8ME03200406A	Screw	2
25	4US0400125	Lower Knife	1
26	8ME03200406A	Screw	1
27	4US0400127	Level	1
28	8MA03200206A	Nut	1
29	8MN03200400A	Screw	1
30	4US0400130	Joint	1
31	4US0400131	Block	1
32	4US0400132	Spring	1
33	8MB85240705A	Screw	1
34	90ER040	E-Ring	1
35	2120000702	Driver Pin	1
36	4SS0330122	Block	1
37	8MB75180305K	Screw	1
38	8ME02160403A	Screw	2



MN021 Liner - Motor

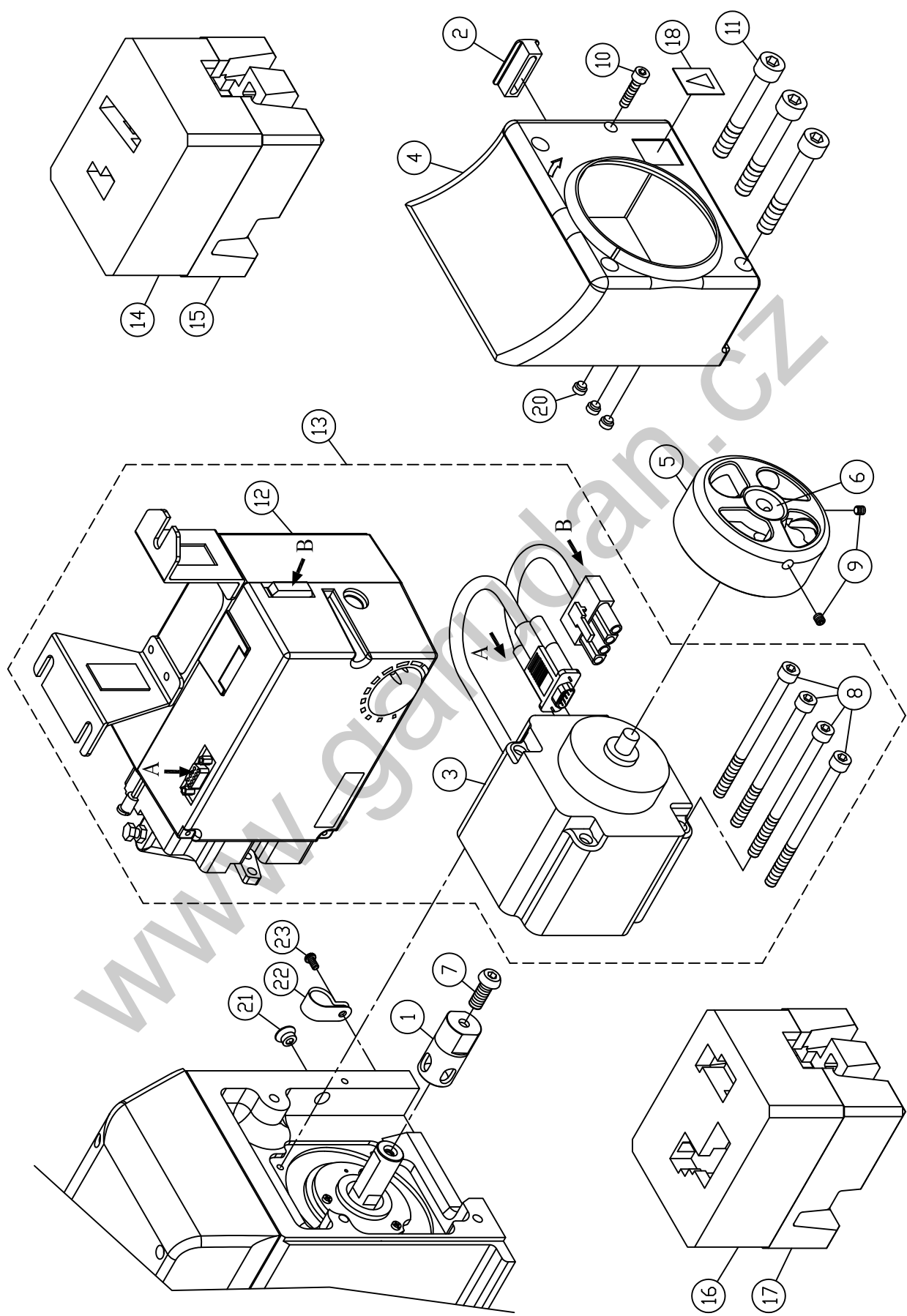
Ref. No.	Parts.No.	Description	Amt. Req.
1	4MN0220101	Collar	1
2	4MN0210102	Plug	1
3	4MN0210103	Mini - Motor (SS20)	1
4	4MN0220124	Cover	1
5	4MN0210105	Pulley	1
6	4MN0210106	Pulley Collar	1
7	8MP06401611A	Screw	1
8	8MM05327509B	Screw	4
9	8MN06400800A	Screw	2
10	8MM04283407B	Screw	1
11	8MM05326509B	Screw	3
12	4MN0210107	Control Box (KE3H)	1
13	/SC700	Liner - Motor Asm.	1
14	66745-4	EPS (Top)	1
15	66745-5	EPS (Down)	1
16	66745-6	EPS (Top)	1
17	66745-7	EPS (Down)	1
18	66453-3	Name Plate	1
20	2120000137	Plug	3
21	22100002271	Plug	1
22	4MN0210108	Holder (9/16)	1
23	8MC04280807D	Screw	1

MN022 LINER - MOTOR



MN022 Liner - Motor

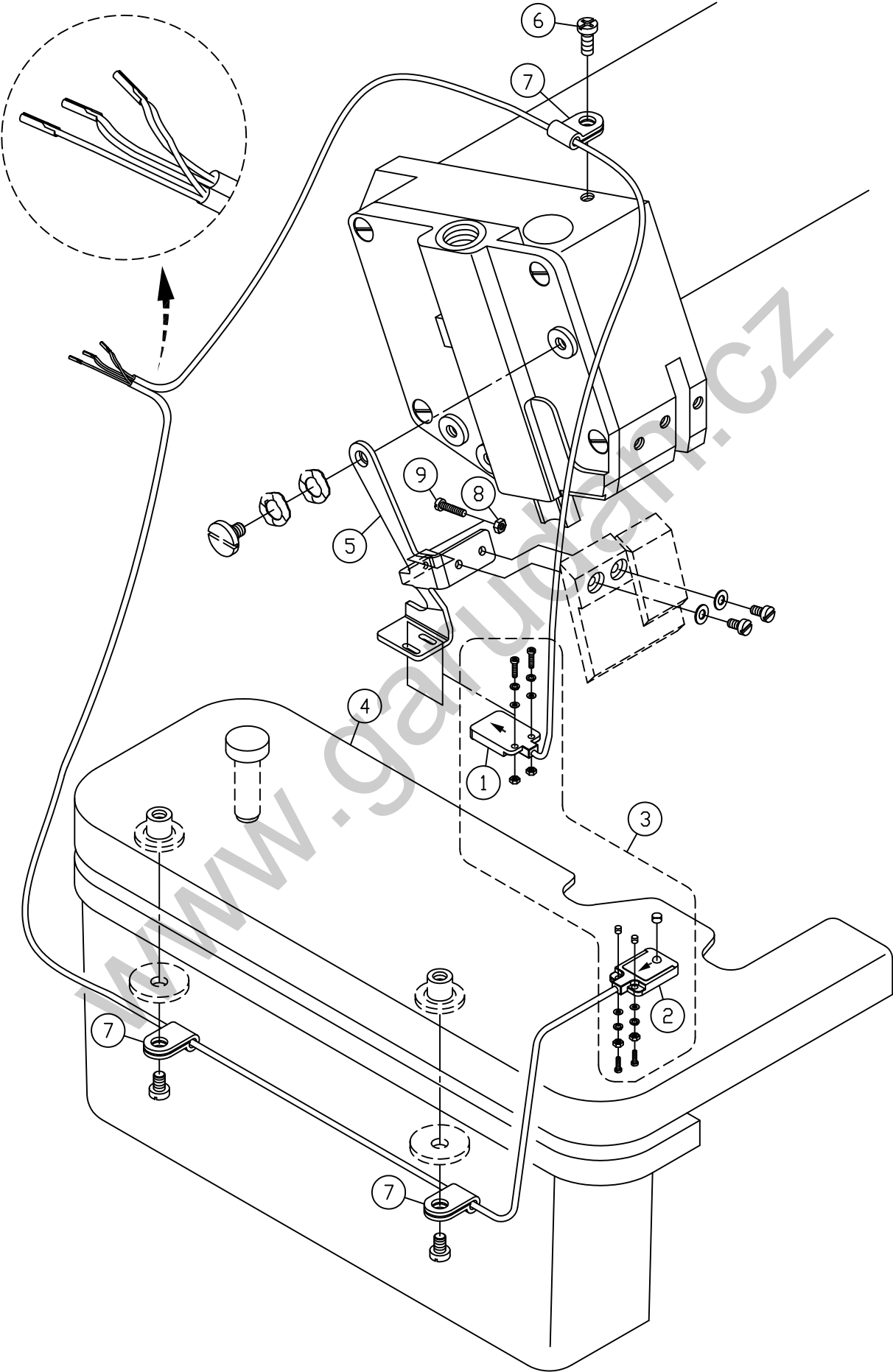
Ref. No.	Parts.No.	Description	Amt. Req.
1	4MN0220101	Collar	1
2	4MN0210102	Plug	1
3	4MN0220103	Mini - Motor (2VP3421209C0G)	1
4	4MN0220124	Cover	1
5	4MN0220105	Pulley	1
6	4MN0220106	Pulley Collar	1
7	8MP06401611A	Screw	1
8	8MM05327509B	Screw	4
9	8MN06400800A	Screw	2
10	8MM04283407B	Screw	1
11	8MM05326509B	Screw	3
12	4MN0220107	Control Box (GD40-4-K1-220)	1
13	/SC701	Liner - Motor Asm. (1G4M54K112303)	1
14	66745-4	EPS (Top)	1
15	66745-5	EPS (Down)	1
16	66745-6	EPS (Top)	1
17	66745-7	EPS (Down)	1
18	66453-3	Name Plate	1
20	2120000137	Plug	3
21	22100002271	Plug	1
22	4MN0210108	Holder (9/16)	1
23	8MC04280807D	Screw	1



MN024 Liner - Motor

Ref. No.	Parts.No.	Description	Amt. Req.
1	4MN0220101	Collar	1
2	4MN0210102	Plug	1
3	4MN0240103	Mini - Motor (2VP3432209C01)	1
4	4MN0220124	Cover	1
5	4MN0220105	Pulley	1
6	4MN0220106	Pulley Collar	1
7	8MP06401611A	Screw	1
8	8MM05328009B	Screw	4
9	8MN06400800A	Screw	2
10	8MM04283407B	Screw	1
11	8MM05326509B	Screw	3
12	4MN0240107	Control Box (GD50-4-K1-220)	1
13	/SC703	Liner - Motor Asm. (1G4M54K112402)	1
14	66745-4	EPS (Top)	1
15	66745-5	EPS (Down)	1
16	66745-6	EPS (Top)	1
17	66745-7	EPS (Down)	1
18	66453-3	Name Plate	1
20	2120000137	Plug	3
21	22100002271	Plug	1
22	4MN0210108	Holder (9/16)	1
23	8MC04280807D	Screw	1

SE010 THROUGH BEAM ELECTRONIC EDGE SENSOR SET PARTS COMPONENT
FOR SE010

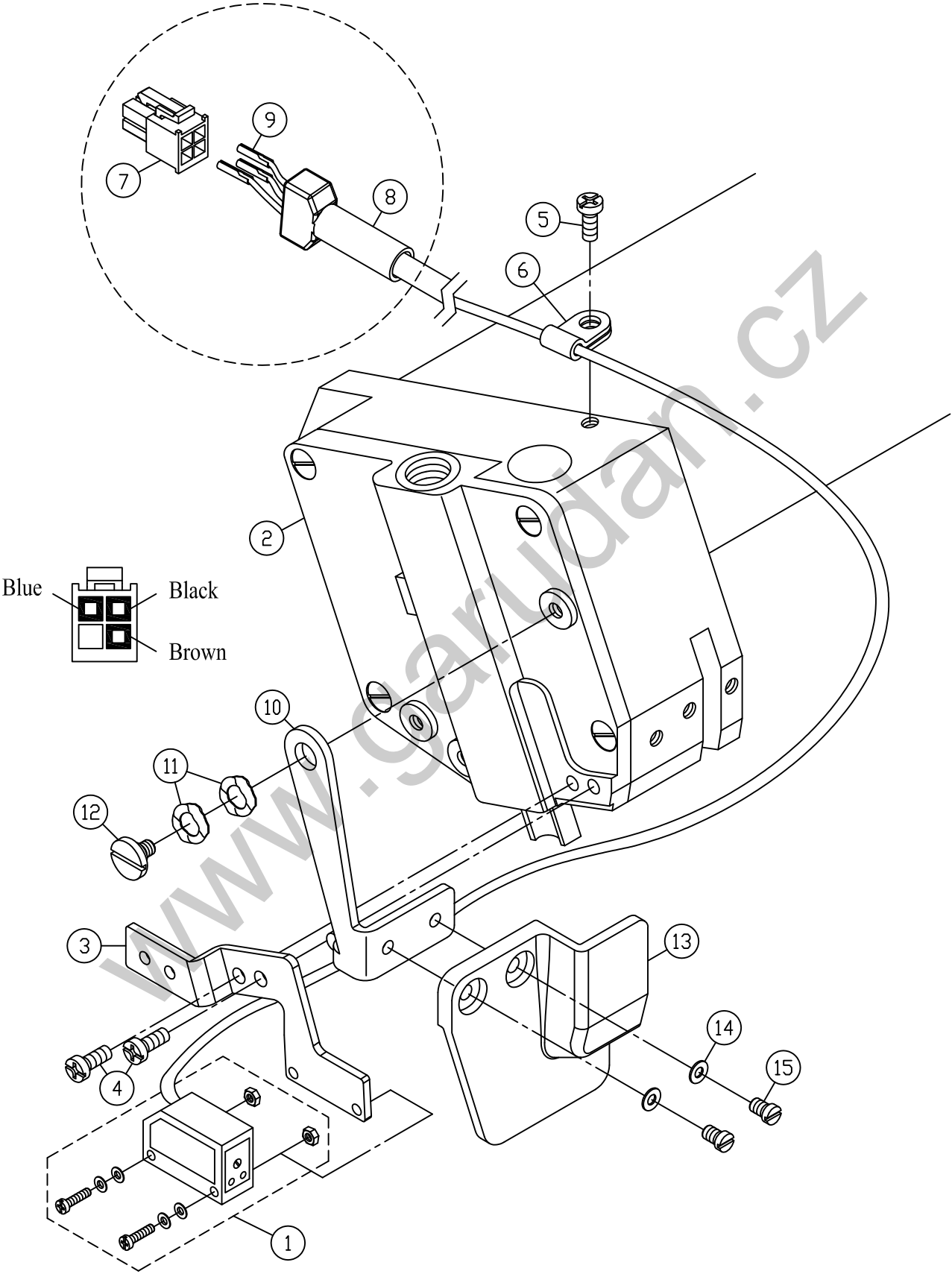


SE010 Through Beam Electronic Edge Sensor Set Parts Component For SE010

Ref. No.	Parts.No.	Description	Amt. Req.
1	4SE0100101	Photosensor Up	1
2	4SE0100102	Photosensor Down	1
3	4SE010A	Photosensor Asm. (PK5-005N)	1
4	2120000148-1	Cloth Plate	1
5	2120000164-1	Bracket	1
6	8MC04280807D	Screw	1
7	4TR0130111	Cord Clamp (1/8")	3
8	8MA03200206A	Nut	1
9	8MC03201306D	Screw	1

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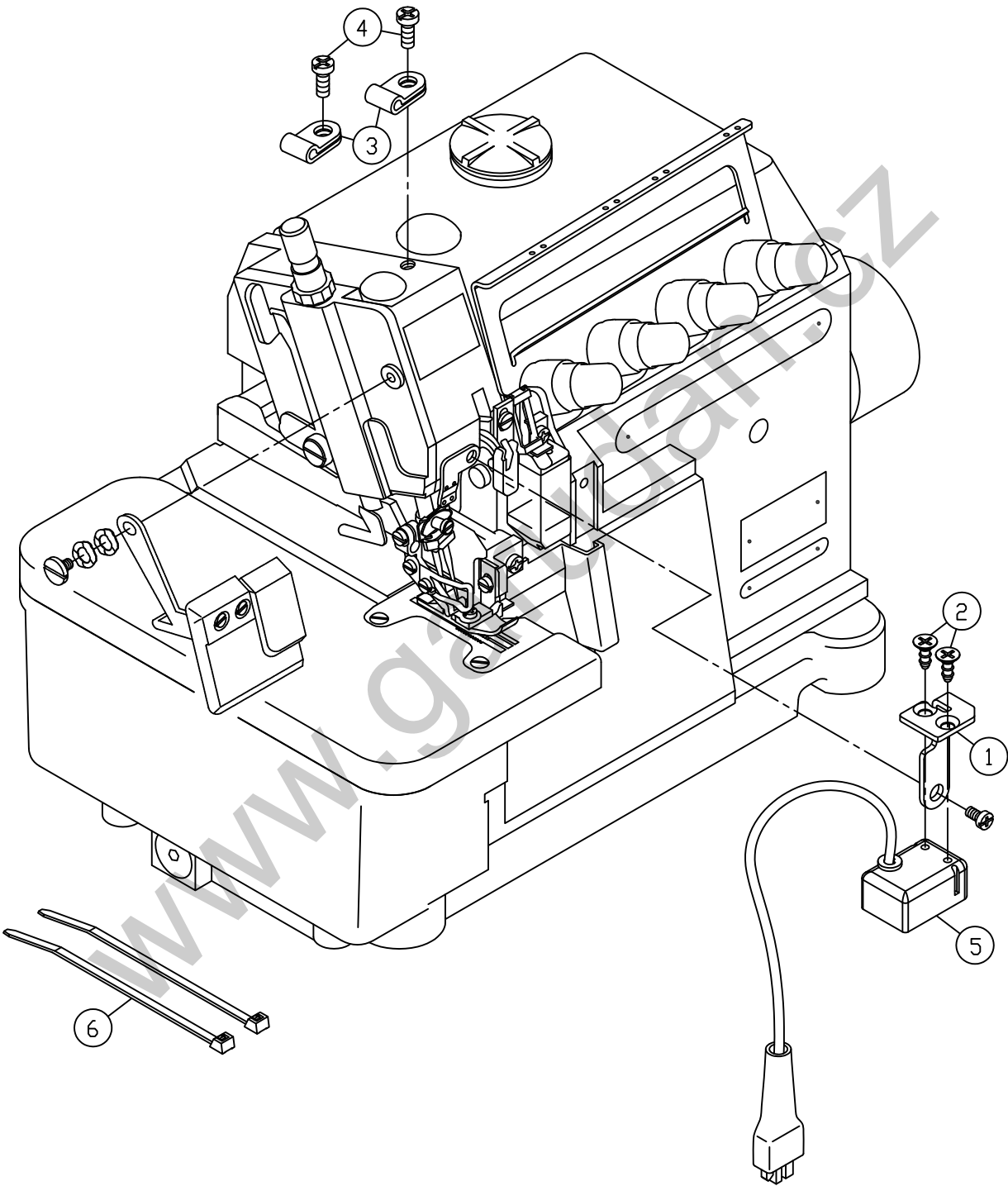
SE011 REFLECTIVE TYPE EDGE SENSOR SET. (FOR MD-4-U9-220)



SE011 Reflective Type Edge Sensor Set. (For MD-4-U9-220)

Ref. No.	Parts.No.	Description	Amt. Req.
1	4SE0010101	Photosensor	1
2	4TC0110109	Side Cover	1
3	4SE0110101	Bracket	1
4	8MC04280607D	Screw	2
5	8MC04280807D	Screw	1
6	4PFE040103	Thread Pipe Stay (3/16")	1
7	4SE0110102	Power Cord (32QPGH050)	1
8	4SE0110103	Power Cord Cap (358SS4130)	1
9	4SE0110104	Power Cord (32RPRR010)	3
10	4BL1240608	Bracket	1
11	2120000150	Waved Washer	2
12	8MB04280711E	Screw	1
13	4BL1240607	Finder Guard	1
14	90PW030	Washer	2
15	8MB03200505K	Screw	2

TL004 LED LIGHT ASM. (FOR 3、4 THREAD)

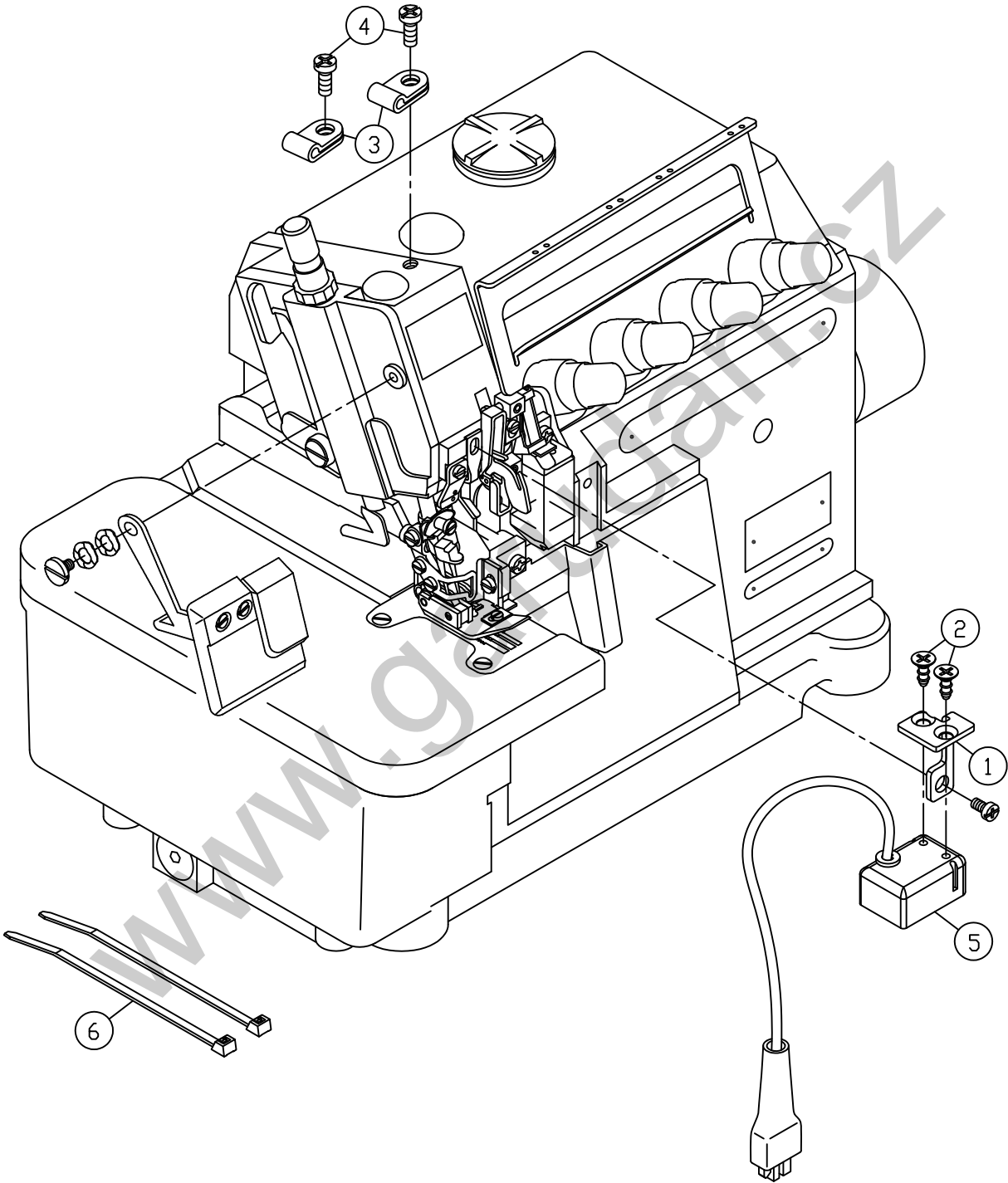


TL004 LED Light Asm. (For 3 、 4 Thread)

Ref. No.	Parts No.	Description	Amt. Req.
1	4TL0040101	Holder Bracket	1
2	8TE03440806A	Screw	2
3	4TR0130111	Cord Clamp (1/8")	2
4	8MC04280807D	Screw	2
5	224A0001605	Light Asm.	1
6	4UTB020306	Plastic Binding Wire	2

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TL005 LED LIGHT ASM. (FOR 5 THREAD)

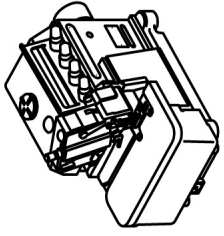
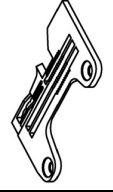
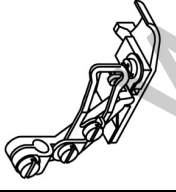
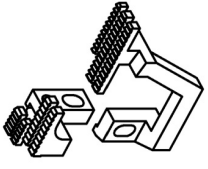
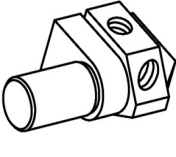
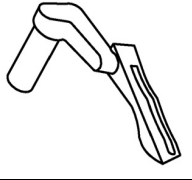
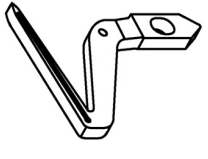
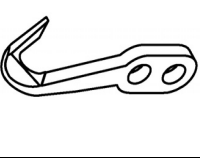
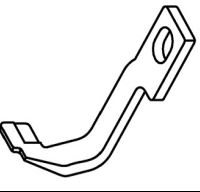


TL005 LED Light Asm. (For 5 Thread)

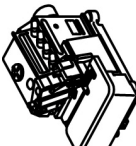
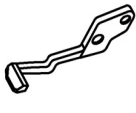
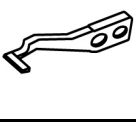
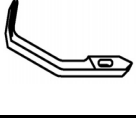
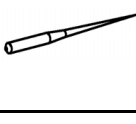
Ref. No.	Parts No.	Description	Amt. Req.
1	4TL0050101	Holder Bracket	1
2	8TE03440806A	Screw	2
3	4TR0130111	Cord Clamp (1/8")	2
4	8MC04280807D	Screw	2
5	224A0001605	Light Asm.	1
6	4UTB020306	Plastic Binding Wire	2

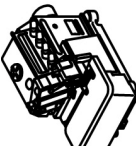
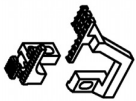
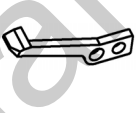
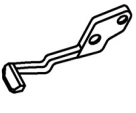
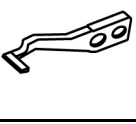
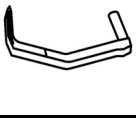
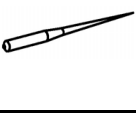
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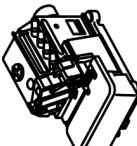
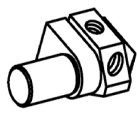
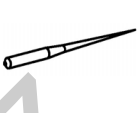
UH9000 Series Gauge Parts List

									
Machinetype	Needle Plate	Presser Foot Asm.	Feed Dog Asm.	Needle Holder	Upper Looper	Lower Looper	Rear Needle Guard	Front Needle Guard	Needle
UH90B3-021-F02	5212TP0027	5212PF0B02	5212DG0B01	5212NC0003	5212UL0004	5212LL0001	5212NG0002	5212NG0001	66732-9
UH90B3-021-F04	5212TP0014	5212PF0B02	5212DG0B01	5212NC0003	5212UL0004	5212LL0001	5212NG0002	5212NG0001	66732-9
UH90B3-022-F02	5212TP0044	5212PF0B02	5212DG0001	5212NC0003	5212UL0004	5212LL0001	5212NG0002	5212NG0001	66732-9
UH9003-032-M04	5212TP0013	5212PF0005	5212DG0001	5212NC0003	5212UL0001	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9003-053-M04	5212TP0020	5212PF0002	5212DG0002	5212NC0003	5212UL0001	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9003-053-H04	5212TP0011	5212PF0002	5212DG0901	5212NC0003	5212UL0001	5212LL0001	5212NG0002	5212NG0001	66732-14
UH9013-032-L05	5212TP0013	5212PF0101	5212DG0001	5212NC0003	5212UL0001	5212LL0001	5212NG0002	5212NG0001	66732-9
UH9023-032-M04	5212TP0055	5212PF0201	5212DG0201	5212NC0003	5212UL0001	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9023B-032-M04	5212TP0050	5212PF0201	5212DG0201	5212NC0003	5212UL0001	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9083-053-H04	5212TP0011	5212PF0801	5212DG0901	5212NC0003	5212UL0001	5212LL0001	5212NG0002	5212NG0001	66732-14
UH9084-243-H14	5212TP0026	5212PF0802	5212DG0901	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-14
UH9004-232-M14	5212TP0018	5212PF0003	5212DG0001	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9004-232F-M14	5212TP0028	5212PF0003	5212DG0009	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9004-233-M14	5212TP0016	5212PF0003	5212DG0002	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9004-242-M14	5212TP0022	5212PF0003	5212DG0009	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9004-243-M14	5212TP0015	5212PF0004	5212DG0002	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9004-253-M14	5212TP0024	5212PF0004	5212DG0002	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9004-253-H14	5212TP0025	5212PF0004	5212DG0002	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-14
UH9004-263-M14	5212TP0021	5212PF0006	5212DG0002	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9004-353-M12	5212TP0023	5212PF0007	5212DG0007	5212NC0006	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9024-242-M14	5212TP0056	5212PF0202	5212DG0201	5212NC0001-1	5212UL0002	5212LL0003	5212NG0002	5212NG0001	66732-11
UH9024B-242-M14	5212TP0029	5212PF0202	5212DG0201	5212NC0001-1	5212UL0002	5212LL0003	5212NG0002	5212NG0001	66732-11
UH9094-243-H14	5212TP0019	5212PF0902	5212DG0901	5212NC0001-1	5212UL0003	5212LL0002	5212NG0002	5212NG0001	66732-14
UH9004-243E-M14	5212TP0015	5212PF0902	5212DG0002	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9044-243-M14	5212TP0015	5212PF0404	5212DG0404	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9064-243-M14	5212TP0015	5212PF0601	5212DG0002	5212NC0001-1	5212UL0002	5212LL0001	5212NG0002	5212NG0001	66732-11
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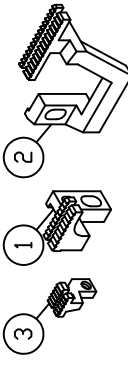
UH9000 Series Gauge Parts List

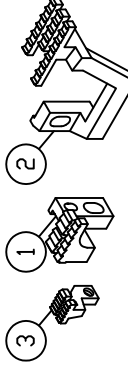
												
Machinetype	Needle Plate	Presser Foot Asm.	Feed Dog Asm.	Needle Holder	Upper Looper	Lower Looper	Rear Needle Guard	Front Needle Guard	Needle Guard	Needle Guard	Needle Looper	Needle
UH9005-232-L16	5212TP0035	5212PF0013	5212DGO003	5212NCO005	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9005-332C-L16	5212TP0032	5212PF0012	5212DGO003	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9005-332-M16	5212TP0032	5212PF0010	5212DGO003	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9005-352-M16	5212TP0036	5212PF0010	5212DGO003	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9005-353-M16	5212TP0031	5212PF0010	5212DGO004	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9005-553-M16	5212TP0030	5212PF0011	5212DGO005	5212NCO002	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9005-553-H16	5212TP0039	5212PF0011	5212DGO006	5212NCO002	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-16
UH9045-353-M16	5212TP0038	5212PF0402	5212DGO401	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9055-353-M16	5212TP0040	5212PF0501	5212DGO501	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9065-353-M16	5212TP0031	5212PF0703	5212DGO004	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9075-353-M16	5212TP0038	5212PF0703	5212DGO401	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9075/A-353-M16	5212TP0038	5212PF0701	5212DGO401	5212NCO004	5212UUL001	5212LL001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9105-553-X16	5212TP0043	5212PF1001	5212DGO1001	5212NCO1001	5212UUL0006	5212LL0002	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-19
UH9006-3243-M44	5212TP0041	5212PF0015	5212DGO005	5212NCO007	5212UUL0002	5212LL0001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11
UH9006-5243-M44	5212TP0042	5212PF0014	5212DGO005	5212NCO008	5212UUL0002	5212LL0001	5212NG0002	5212NG0005	5212NG0003	5212NG0004	5212CL0001	66732-11

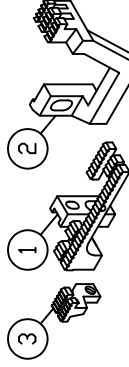
												
Machinetype	Needle Plate	Presser Foot Asm.	Feed Dog Asm.	Needle Holder	Upper Looper	Lower Looper	Needle Guard (Front)	Needle Guard (After)	Needle Guard	Needle Guard	Needle Looper	Needle
UH9034-503-M45	5212TP3401	5212PF0301	5212DGO301	5212NCO3401	—	—	5212NG0007	5212NG0006	5212NG0003	5212NG0004	5212CL0003	66732-14

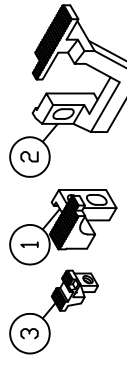
									
Machinetype	Needle Plate	Presser Foot Asm.	Feed Dog Asm.	Needle Holder	Upper Looper	Lower Looper	Rear Needle Guard	Front Needle Guard	Needle
UH9002-032-M02	5212TP0013	5212PF0005	5212DGO001	5212NCO003	5212UUL0007	5212LL0001	5212NG0002	5212NG0001	66732-11
UH9002-053-M02	5212TP0020	5212PF0002	5212DGO002	5212NCO003	5212UUL0007	5212LL0001	5212NG0002	5212NG0001	66732-11

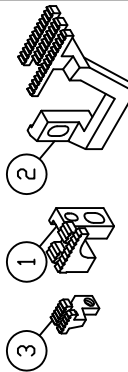
UH90 3 UH90 4 UH90 5 Feed Dogs Set List

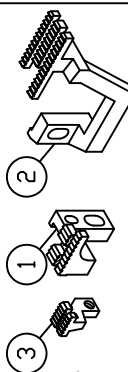
Parts No.	5212DG0001			
1. Main Feed Dog	5212FD0002			
2. Differential Feed Dog	5212DF0003			
3. Auxiliary Feed Dog	5212AF0001			

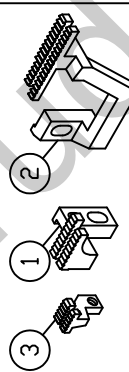
Parts No.	5212DG0006			
1. Main Feed Dog	5212FD0016			
2. Differential Feed Dog	5212DF0008			
3. Auxiliary Feed Dog	5212AF0001			

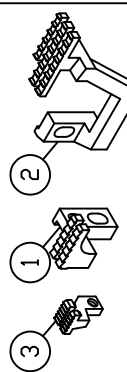
Parts No.	5212DG0401			
1. Main Feed Dog	5212FD0014			
2. Differential Feed Dog	5212DF0009			
3. Auxiliary Feed Dog	5212AF0001			

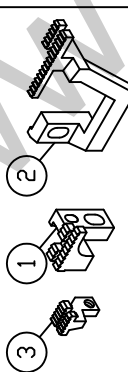
Parts No.	5212DG0B01			
1. Main Feed Dog	5212FD0015			
2. Differential Feed Dog	5212DF0012			
3. Auxiliary Feed Dog	5212AF0002			

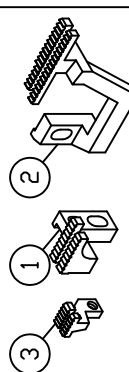
Parts No.	5212DG0005			
1. Main Feed Dog	5212FD0011			
2. Differential Feed Dog	5212DF0002			
3. Auxiliary Feed Dog	5212AF0001			

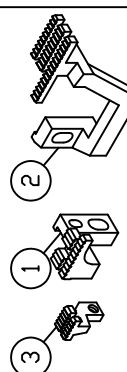
Parts No.	5212DG0004			
1. Main Feed Dog	5212FD0011			
2. Differential Feed Dog	5212DF0005			
3. Auxiliary Feed Dog	5212AF0001			

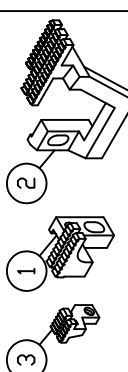
Parts No.	5212DG0201			
1. Main Feed Dog	5212FD0003			
2. Differential Feed Dog	5212DF0004			
3. Auxiliary Feed Dog	5212AF0001			

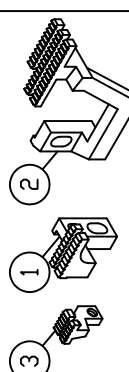
Parts No.	5212DG0901			
1. Main Feed Dog	5212FD0004			
2. Differential Feed Dog	5212DF0011			
3. Auxiliary Feed Dog	5212AF0001			

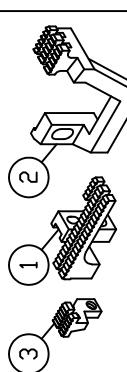
Parts No.	5212DG0003			
1. Main Feed Dog	5212FD0010			
2. Differential Feed Dog	5212DF0006			
3. Auxiliary Feed Dog	5212AF0001			

Parts No.	5212DG0009			
1. Main Feed Dog	5212FD0003			
2. Differential Feed Dog	5212DF0016			
3. Auxiliary Feed Dog	5212AF0001			

Parts No.	5212DG0501			
1. Main Feed Dog	5212FD0011			
2. Differential Feed Dog	5212DF0010			
3. Auxiliary Feed Dog	5212AF0001			

Parts No.	5212DG0002			
1. Main Feed Dog	5212FD0001			
2. Differential Feed Dog	5212DF0001			
3. Auxiliary Feed Dog	5212AF0001			

Parts No.	5212DG0007			
1. Main Feed Dog	5212FD0005			
2. Differential Feed Dog	5212DF0013			
3. Auxiliary Feed Dog	5212AF0001			

Parts No.	5212DG0404			
1. Main Feed Dog	5212FD0404			
2. Differential Feed Dog	5212DF0404			
3. Auxiliary Feed Dog	5212AF0001			

UH90□3 UH90□4 Parts For Presser Foot

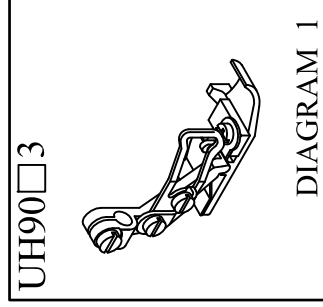


DIAGRAM 1

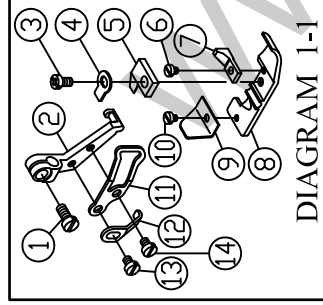


DIAGRAM 1-1

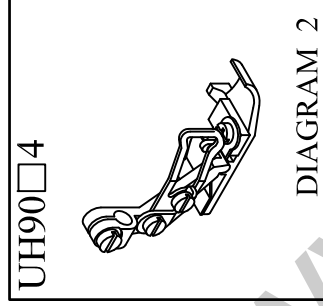


DIAGRAM 2

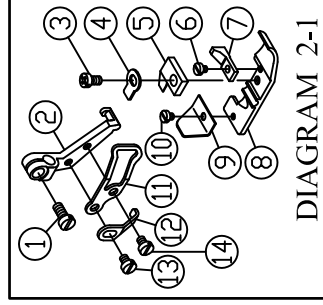


DIAGRAM 2-1

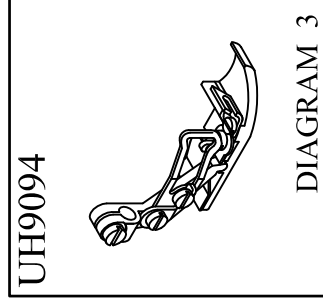


DIAGRAM 3

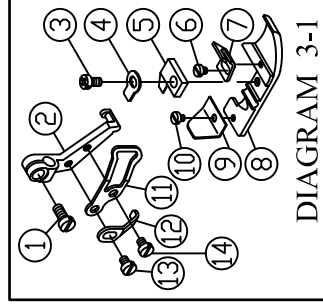


DIAGRAM 3-1

DIAGRAM 1

Machinetype	Presser Foot Set
UH9002-032-M02	5212PF0005
UH9002-053-M02	5212PF0002
UH9003-032-M04	5212PF0005
UH9003-053-M04	5212PF0002
UH9003-053-H04	5212PF0002
UH9023-032-M04	5212PF0201
UH9023B-032-M04	5212PF0201

DIAGRAM 1-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	8	DIAGRAM 1-2
2	5212PF0002C	9	5212PF0002E
3	8SB32440606A	10	8SB24560305P
4	5212PF0002H	11	5212PF0002G
5	DIAGRAM 1-2	12	5212PF0002F
6	8SB24560405P	13	8MB03200506A
7	5212PF0002D	14	8MB03200406K

DIAGRAM 1-2

Ref. No.	Parts No.	Ref. No.	Parts No.
5212PF0002	5212PF0002B	5	8
5212PF0005	5212PF0005B		
5212PF0201	5212PF0201B		

DIAGRAM 2

Machinetype	Presser Foot Set
UH9004-232-M14	5212PF0003
UH9004-232F-M14	5212PF0003
UH9004-233-M14	5212PF0003
UH9004-242-M14	5212PF0003
UH9004-243-M14	5212PF0004
UH9004-253-M14	5212PF0004
UH9004-253-H14	5212PF0004
UH9004-263-M14	5212PF0006
UH9004-353-M12	5212PF0007
UH9024-242-M14	5212PF0202
UH9024B-242-M14	5212PF0202

DIAGRAM 2-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	8	DIAGRAM 2-2
2	DIAGRAM 2-2	9	5212PF0002E
3	8SB32440606A	10	8SB24560305P
4	5212PF0002H	11	5212PF0002G
5	DIAGRAM 2-2	12	5212PF0002F
6	8SB24560405P	13	8MB03200506A
7	5212PF0002D	14	8MB03200406K

DIAGRAM 3

Machinetype	Presser Foot Set
UH9004-243E-M14	5212PF0902
UH9094-243-H14	5212PF0902

DIAGRAM 3-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	8	5210PF94A43B
2	5212PF0002C	9	5210PF03032E
3	8SB32440505A	10	8SB24560205A
4	5212PF0002H	11	5212PF0002G
5	5212PF0902B	12	5212PF0002F
6	8SB24560405P	13	8MB03200506A
7	5212PF0901D	14	8MB03200406K

DIAGRAM 2-2

Ref. No.	Parts No.	Ref. No.	Parts No.
5212PF0003	5212PF0002C	5212PF0003B	5212PF0002A
5212PF0004	5212PF0002C	5212PF0004B	5212PF0002A
5212PF0006	5212PF0002C	5212PF0006B	5212PF0002A
5212PF0007	5212PF0013C	5212PF0001B	5212PF0021A
5212PF0202	5212PF0002C	5212PF0202B	5212PF0201A

UH90□□3 UH90□□4 UH90□□5 Parts For Presser Foot

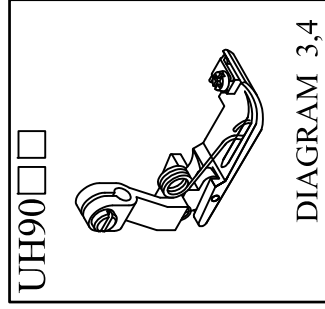


DIAGRAM 3,4

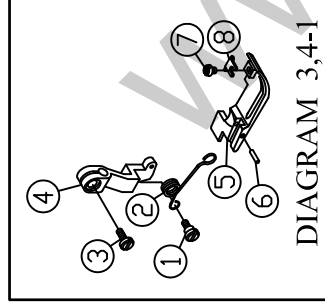


DIAGRAM 3,4-1

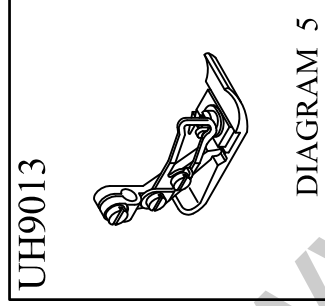


DIAGRAM 5

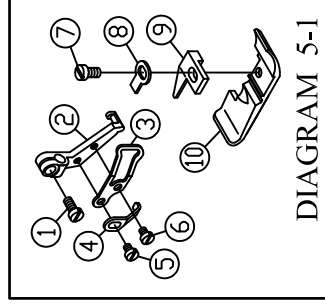


DIAGRAM 5-1

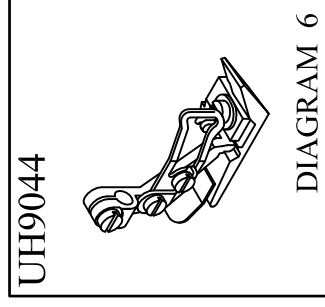


DIAGRAM 6

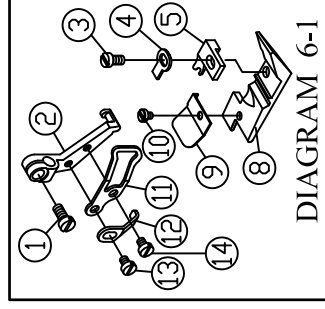


DIAGRAM 6-1

DIAGRAM 3

Machinetype	Presser Foot Set
UH9065-353-M16	5212PF0703(R1.2)
UH9075-353-M16	5212PF0703(R1.2)
UH9075/A-353-M16	5212PF0701(R3)

DIAGRAM 3-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8SC32440406A	5	DIAGRAM 3-2
2	5210PF75C32D	6	5210PF34D03E
3	8SB36400606A	7	8SB24560305A
4	5212PF0701C	8	5210PF75C32C

DIAGRAM 3-2

Ref. No.	Parts No.	Presser Foot Set
5	5210PF75C32B1	5212PF0701(R3)
	5210PF75C32B	5212PF0703(R1.2)

DIAGRAM 4

Machinetype	Presser Foot Set
UH9064-243-M14	5212PF0601
UH9074-243-M14	5212PF0601

DIAGRAM 4-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8SC32440406A	4	5212PF0701C
2	5210PF75C32D	5	5210PF74A43B
3	8SB36400606A	6	5210PF34D03E

DIAGRAM 6

Machinetype	Presser Foot Set
UH9044-243-M14	5212PF0404

DIAGRAM 6-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	7	5210PF03032E
2	5212PF0002C	8	8SB24560205A
3	8SB32440505A	9	5212PF0002G
4	5212PF0002H	10	5212PF0002F
5	5210PF04A32C	11	8MB03200506A
6	5210PF43033B	12	8MB03200406K

UH90 ☐ ☐ ☐ Parts For Presser Foot

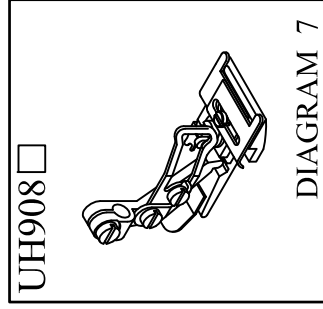


DIAGRAM 7

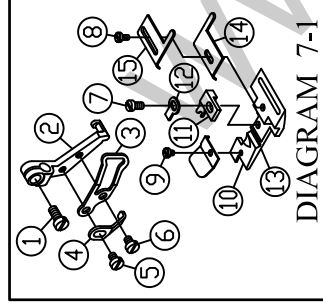


DIAGRAM 7-1

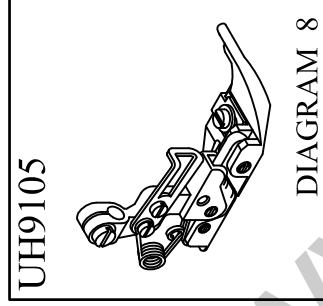


DIAGRAM 8

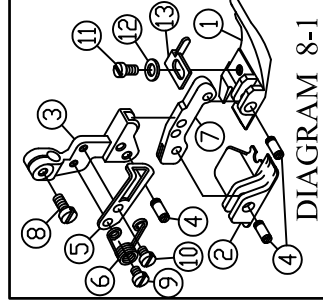


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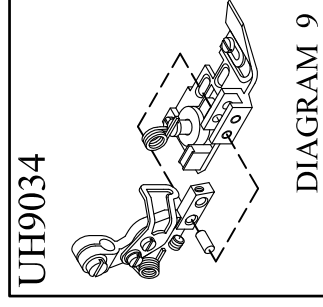


DIAGRAM 9

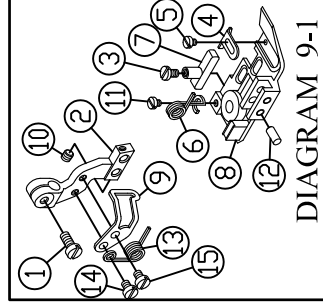


DIAGRAM 9-1

DIAGRAM 7

Machinetype	Presser Foot Set
UH9083-053-H04	5212PF0801
UH9084-243-H14	5212PF0802

DIAGRAM 7-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	9	8SB24560205A
2	5212PF0801C	10	5210PF03032E
3	5212PF0002G	11	DIAGRAM 7-2
4	5212PF0002F	12	5210PF03032G
5	8MB03200506A	13	5212PF0801A
6	8MB03200406K	14	5210PF83053J
7	8SB32440505A	15	5210PF83053K
8	8SB32440505A		

DIAGRAM 7-2

Ref. No.	11
Presser Foot Set	
5212PF0801	5212PF0801B
5212PF0802	5212PF0802B

DIAGRAM 8

Machinetype	Presser Foot Set
UH9105-553-X16	5212PF1001

DIAGRAM 8-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	5212PF1001A	8	8MB85240806P
2	5212PF1001B	9	8MB03200506A
3	5212PF1001C	10	8MB03200406K
4	5212PF0011E	11	8SB32440505P
5	5212PF1001F	12	5212PF1001H
6	5212PF1001M	13	5212PF1001G
7	5212PF1001N		

DIAGRAM 9

Machinetype	Presser Foot Set
UH9034-503-M45	5212PF0301

DIAGRAM 9-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	9	5212PF0301F
2	5212PF0301C	10	8MN03200300A
3	8SB24560306A	11	8SB24560405P
4	5212PF0301G	12	5212PF0301E
5	8SB24560305P	13	5212PF0301M
6	5212PF0301J	14	8MB03200506A
7	5212PF0301B	15	8MB03200406K
8	5212PF0301A		

UH90 ☐ ☐ Parts For Presser Foot

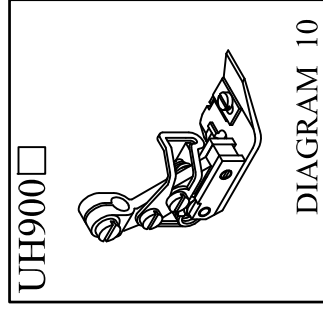


DIAGRAM 10

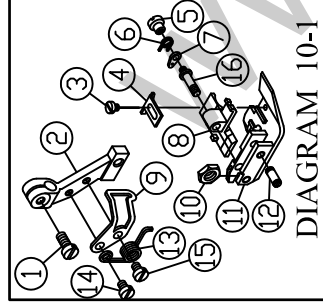


DIAGRAM 10-1

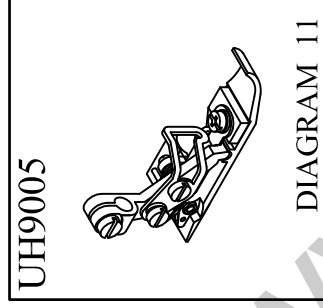


DIAGRAM 11

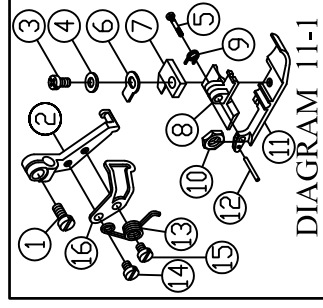


DIAGRAM 11-1

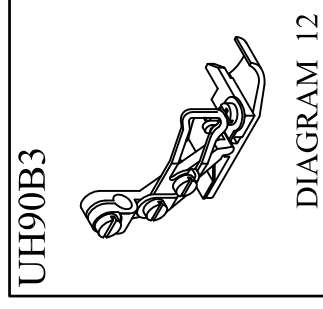


DIAGRAM 12

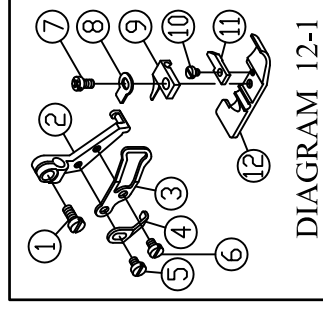


DIAGRAM 12-1

DIAGRAM 10

Machinetype	Presser Foot Set
UH9005-332-M16	5212PF0010
UH9005-352-M16	5212PF0010
UH9005-353-M16	5212PF0010
UH9005-553-M16	5212PF0011
UH9005-553-H16	5212PF0011
UH9045-353-M16	5212PF0402
UH9055-353-M16	5212PF0501
UH9006-3243-M44	5212PF0015
UH9006-5243-M44	5212PF0014

DIAGRAM 10-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	9	5212PF0011F
2	DIAGRAM 10-2	10	8SA32440205A
3	8SB24560305P	11	DIAGRAM 10-2
4	DIAGRAM 10-2	12	5212PF0011E
5	5212PF0011K	13	5212PF0011M
6	5212PF0011J	14	8MB03200506A
7	5212PF0011H	15	8MB03200406K
8	DIAGRAM 10-2	16	5212PF0011D

DIAGRAM 11

Machinetype	Presser Foot Set
UH9005-232-L16	5212PF0013
UH9005-332C-L16	5212PF0012

DIAGRAM 11-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	9	5212PF0012G
2	5212PF0012C	10	8SA24560204A
3	8SB32440605K	11	DIAGRAM 11-2
4	5212PF0012H	12	5212PF0012J
5	5212PF0012D	13	5212PF0012K
6	5212PF0012E	14	8MB03200506A
7	DIAGRAM 11-2	15	8MB03200406K
8	DIAGRAM 11-2	16	5212PF0002G

DIAGRAM 11-2

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	9	5212PF0012G
2	5212PF0012C	10	8SA24560204A
3	8SB32440605K	11	DIAGRAM 11-2
4	5212PF0012H	12	5212PF0012J
5	5212PF0012D	13	5212PF0012K
6	5212PF0012E	14	8MB03200506A
7	DIAGRAM 11-2	15	8MB03200406K
8	DIAGRAM 11-2	16	5212PF0002G

DIAGRAM 10-2

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	9	5212PF0012G
2	5212PF0012C	10	8SA24560204A
3	8SB32440605K	11	DIAGRAM 11-2
4	5212PF0012H	12	5212PF0012J
5	5212PF0012D	13	5212PF0012K
6	5212PF0012E	14	8MB03200506A
7	DIAGRAM 11-2	15	8MB03200406K
8	DIAGRAM 11-2	16	5212PF0002G

DIAGRAM 12

Machinetype	Presser Foot Set
UH90B3-021-F02	5212PF0B02
UH90B3-021-F04	5212PF0B02
UH90B3-022-F02	5212PF0B02

DIAGRAM 12-1

Ref. No.	Parts No.	Ref. No.	Parts No.
1	8MB85240806P	7	8SB32440505A
2	5212PF0002C	8	5212PF0002H
3	5212PF0002G	9	5212PF0B02B
4	5212PF0002F	10	8SB24560405A
5	8MB03200506A	11	5210PF03032D
6	8MB03200406K	12	5212PF0B02A

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66625	1	14	18	32	2100000210	1	2	10	6
66665	1	14	22	32	2100000212	2	1	4	2
66667	1	14	23	32	2100000223	2	1	100	4
66685	1	14	35	32	2100000223	1	7	46	16
66690	1	14	17	32	2100000223	2	9	48	20
66695	1	14	16	32	2100000223	2	10	7	22
66700	1	14	1	32	2100000223	2	12	27	28
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66715	1	14	28	32					
66720	1	14	27	32	2100000316	1	3	29	8
66721	1	14	26	32	2100000335	2	3	78	8
66722	1	14	20	32					
66792	1	12	21	28					
66792	1	12	22	28	2100000750	1	4	6	10
66792	1	12	23	28					
66792	1(3、4) 1(5)	12	50	28					
66800	3	3	60	8	2100001004	1	8	17	18
66800	1	12	48	28					
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66831	1	14	29	32	2100001120	3(3) 4(4)	10-1	32	24
66840	1	14	14	32	2100001121	1	10	41	22
66911	1	13	1	30	2100001121	1	10	42	22
66941	4	13	2	30	2100001121	1	10	43	22
66956	4	13	3	30	2100001121	1	10	44	22
667001	1	14	10	32	2100001121	1	10	41	24
667002	2	14	2	32	2100001121	1(3、4)	10-1	42	24
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667005	2	14	5	32	2100001121	1(3、4)	10-1	40	22
667006	2	14	6	32	2100001122	4	10	40	24
667007	2	14	7	32	2100001122	3(3) 4(4)	10-1	39	22
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6670512	1	13	18	30	2100001534	11	12	61	28
6670513	1	13	20	30	2100001535	5	12	19	28
6670515	1	13	27	30	2100001536	7	12	18	28
6670516	1	13	28	30					
6670517	1	13	29	30	2100030749	1	4	16	10
6670518	1	13	30	30					
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6670520	1	13	32	30	2100041131	1(3、4)	10-1	37	24
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6670522	1(3、5)	13	38	30	2100051112	1	10	11	22
6670523	2	13	33	30					
6670524	1	13	34	30					
6670525	1	13	40	30					
6670526	1	13	39	30					
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2120000173	1	1	73	4	2120000436	1	4	36	10
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2120000190	1	1	90	4	2120000440	1	5	34	12
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2120000199	1	1	99	4	2120000442	1	4	42	10
					2120000443	1	4	43	10
					2120000444	1	4	44	10
2120000201	1	2	1	6					
2120000202	3(3 、4) 4(5)	2	2	6					
2120000203	2	2	3	6	2120000512	1	5	12	12
2120000204	1	2	4	6	2120000526	1	9	27	20
2120000205	1	2	5	6	2120000527	1	9	29	20
2120000207	1	2	7	6					
2120000208	1	2	8	6					
2120000208	1	2	11	6	2120000601	1	6	1	14
2120000209	1	2	9	6	2120000608	1	2	14	6
2120000210	1	1	103	4	2120000608	1	6	8	14
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					2120000612	1	6	12	14
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2120000708	1	7	8	16	2120000954	1	9	54	20
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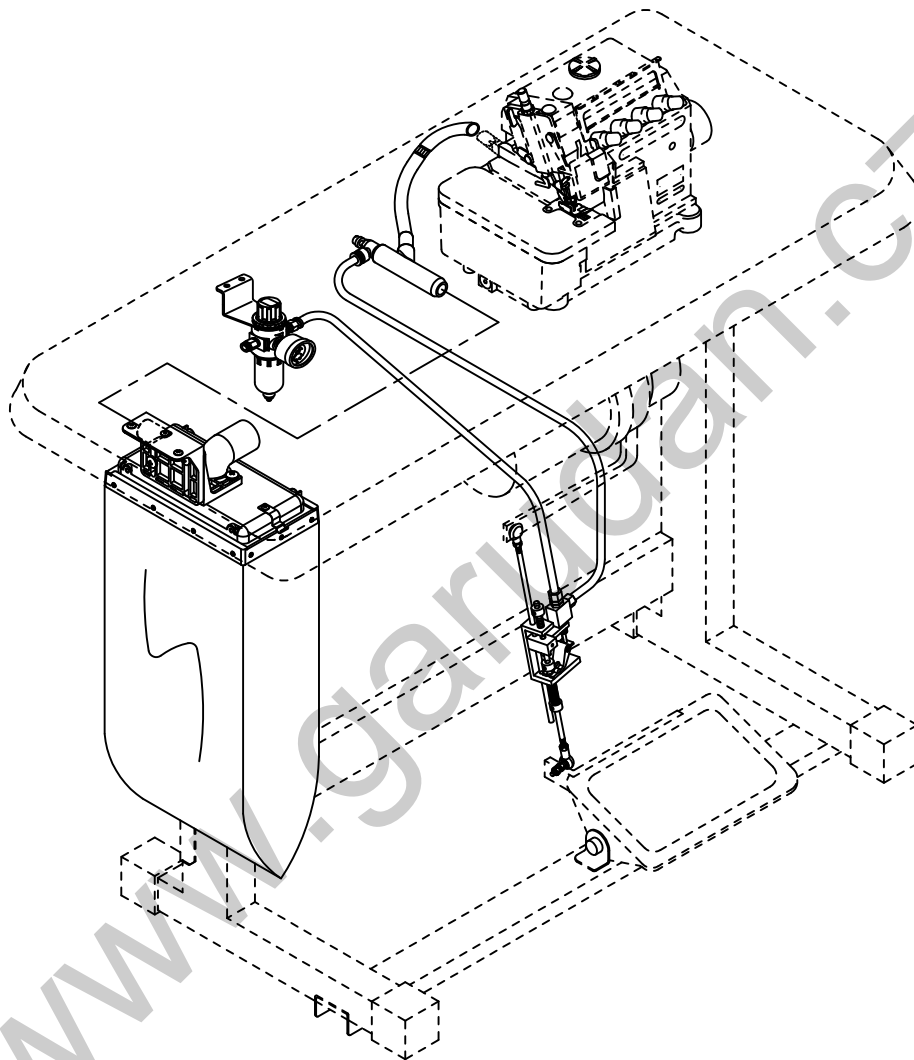
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8TE03440806A	2	TL005	2	52					
8WD04000807D	3	12	17	28					
8WF03131706A	3	13	8	30					
90BB1535112	1	3	37	8					
90BB174012	1	3	30	8					
90BB1740121	1	3	33	8					
90ER030	1	7	22	16					
90ER030	1	9	50	20					
90ER040	1	US040	34	38					
90ER060	1	9	7	20					
90ER070	1	9	2	20					
90ER080	1	6	16	14					
90NB182208	1	5	23	12					
90NB222610	1	3	50	8					
90OR040	1	4	29	10					
90OR040	1	12	72	28					
90OR070	1	9	39	20					
90OR070	1	12	63	28					
90PW030	2	1	63	4					
90PW030	1	1	92	4					
90PW030	1	7	35	16					
90PW030	2	11	4	26					
90PW030	2	SE011	14	48					
90PW100	4	13	5	30					
90PW1001	4	13	6	30					
90SP0210	1	12	32	28					
90SP0316	1	8	32	18					
90SP0512	1	1	5	2					
90SP0514	1	7	45	16					
90SP7510	2	3	59	8					
90ST0312	1	3	58	8					
90SW050	1	5	20	12					
90SW050	4	12	71	28					

ILLUSTRATED PARTS LIST



MODELS CV08

AIR GUIDE SYSTEM

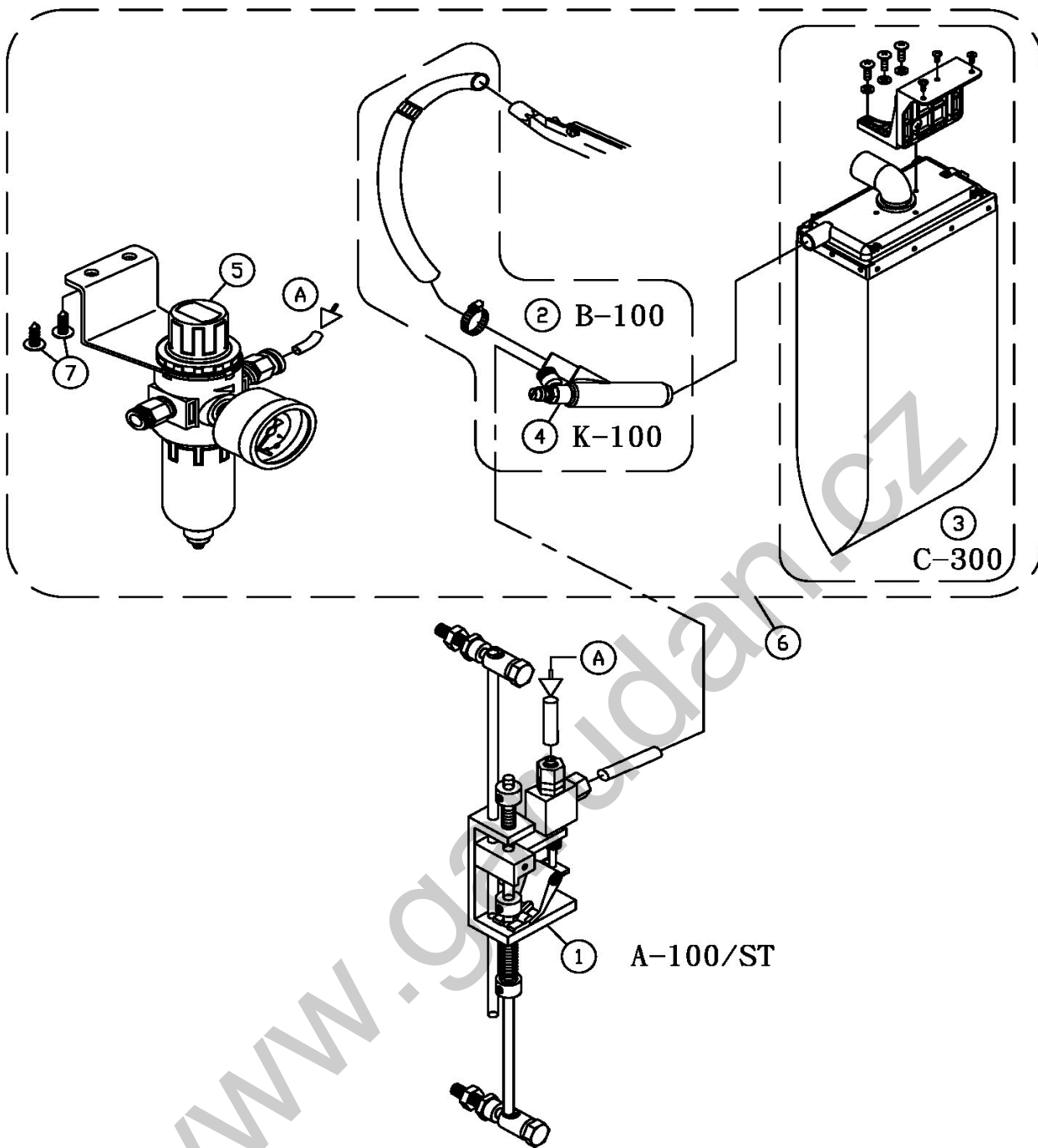
UH9000 (CV)

Clutch Motor	Front Suction	Rear Suction	Presser Foot Lifter
CV08A		●	
CV08B	●	●	
CV08C		●	●
CV08D	●	●	●
CV08E			●
CV08K	●		
AC Servo Motor Model Number : HVP-90	Front Suction	Rear Suction	Presser Foot Lifter
CV08E-1			●
CV08F	●	●	●
CV08G	●	●	
CV08H		●	●
CV08I		●	
CV08M	●		
Direct Drive Type Mini Servo Motor Model Number : KE3H/SS20	Front Suction	Rear Suction	Presser Foot Lifter
CV08F-1	●	●	●
CV08G-1	●	●	
CV08H-1		●	●
CV08I-1		●	
CV08M-1	●		
AC Servo Motor Belt GD40-2 Direct Drive Type Mini Servo Motor GD40-4	Front Suction	Rear Suction	Presser Foot Lifter
CV08E-3			●
CV08F-2	●	●	●
CV08G-2	●	●	
CV08H-2		●	●
CV08I-2		●	
CV08M-2	●		

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CV08D	Chain & Waste Removal Cylinder For Presser Foot Assembly -----	4
CV08E	Air Cylinder For Presser Foot Assembly -----	5
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CV08K	Waste Removal Assembly -----	33
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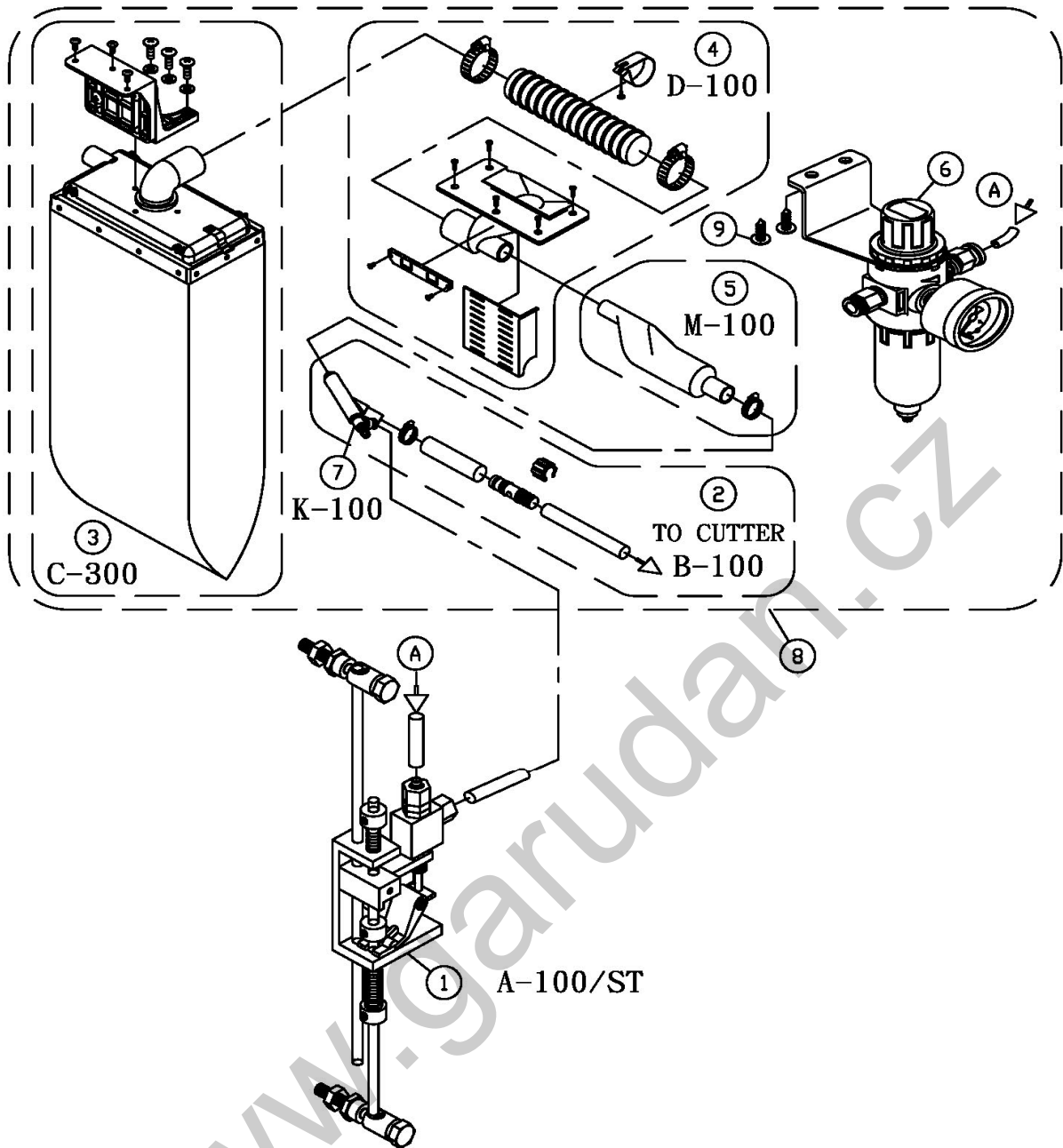
CV08A CHAIN REMOVAL ASSEMBLY



Ref. No.	Parts.No.	Description	Amt. Req.
1	A-100/ST	Soft Touch Heel Action Treadle Rod Air Switch	1
2	B-100	Vacuun Chain Removal	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	K-100	Venturi Tube	1
5	4CV0060126	Filter/Regulator	1
6	CV08A-1	Chain & Waste Removal Assembly	1
7	8WD45001900A	Screw	2

* CLUTCH : MOTOR, OUTPUT : 250W, 60HZ, R.P.M. 3420.

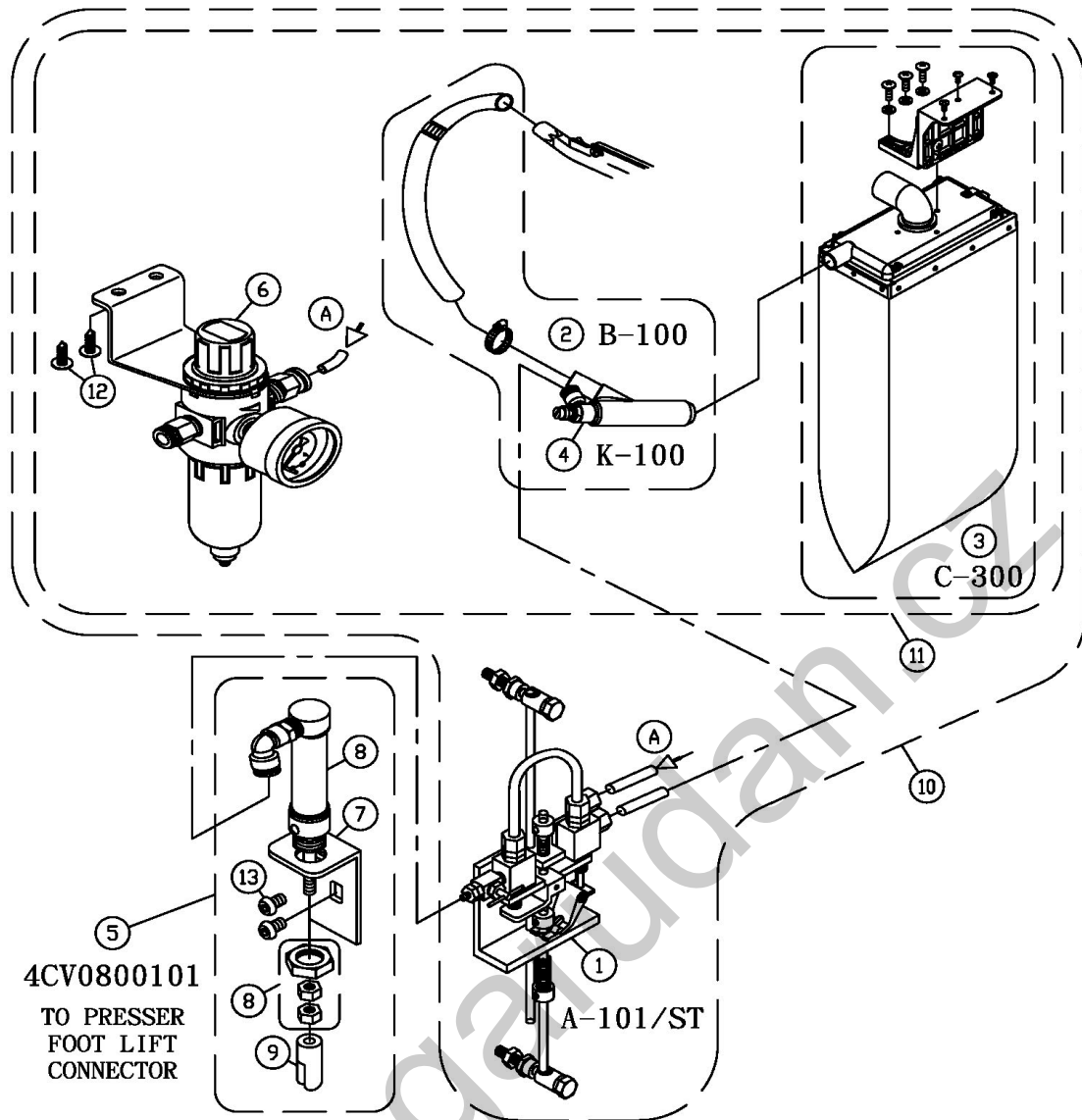
CV08B CHAIN & WASTE REMOVAL ASSEMBLY



Ref. No.	Parts.No.	Description	Amt. Req.
1	A-100/ST	Soft Touch Heel Action Treadle Rod Air Switch	1
2	B-100	Vacuum Chain Removal	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	D-100	Waste & Lint Remover Funnel	1
5	M-100	Muffler	1
6	4CV0060126	Filter/Regulator	1
7	K-100	Venturi Tube	1
8	CV08B-1	Chain & Waste Removal Assembly	1
9	8WD45001900A	Screw	2

* CLUTCH : MOTOR, OUTPUT : 250W, 60HZ, R.P.M. 3420.

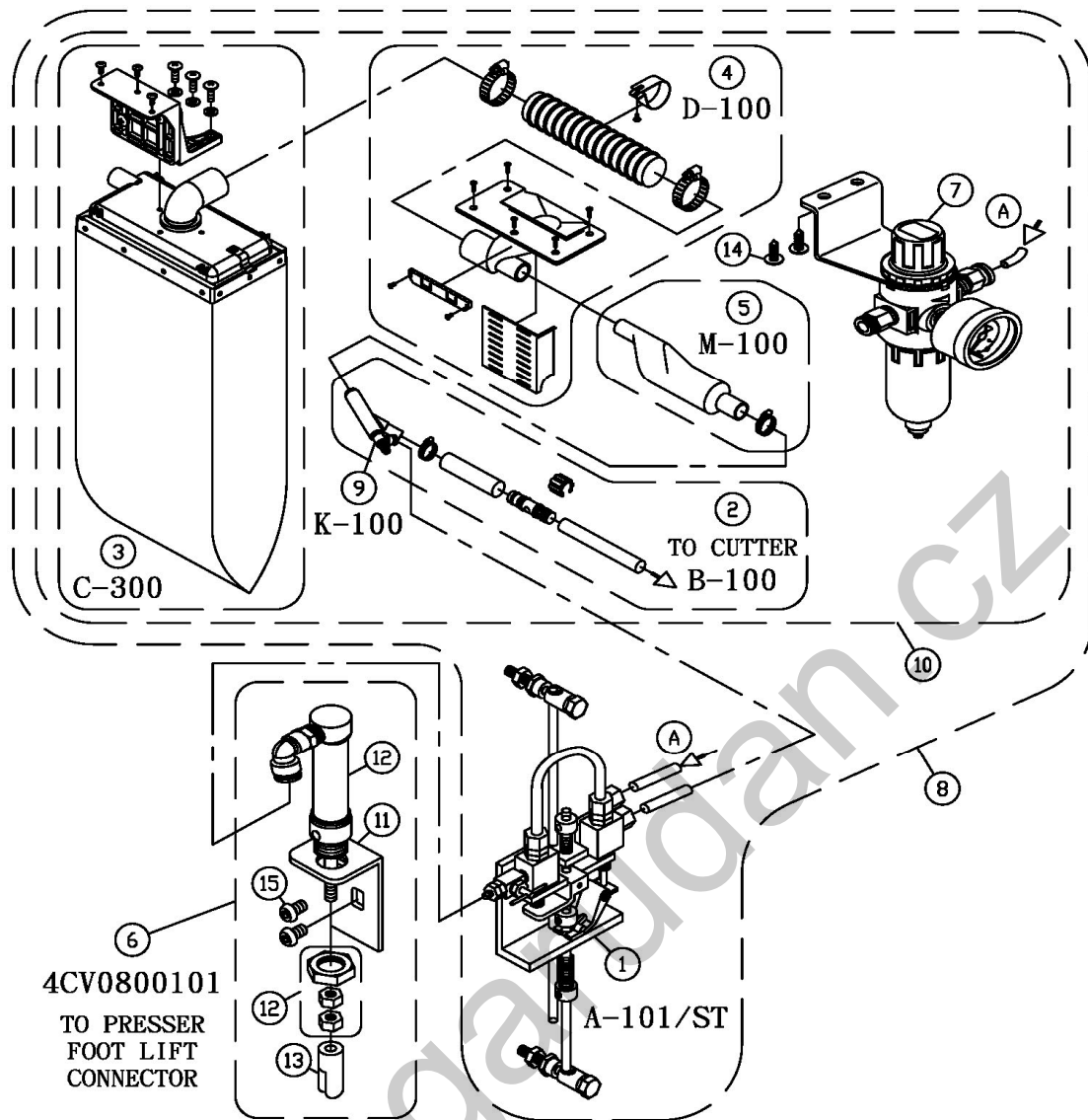
CV08C CHAIN REMOVAL & AIR CYLINDER FOR PRESSER FOOT ASSEMBLY



Ref. No.	Parts.No.	Description	Amt. Req.
1	A-101/ST	Soft Touch 3-Position Treadle Rod Air Switch	1
2	B-100	Vacuun Chain Removal	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	K-100	Venturi Tube	1
5	4CV0800101	Air Cylinder For Presser Foot Assembly	1
6	4CV0060126	Filter/Regulator	1
7	4CV0800101-1	Cylinder Holder	1
8	4CV0800101-2	Air Cylinder Asm. (Nut)	1
9	4AL0070102	Clutch Sleere	1
10	CV08C-1	Chain Removal Assembly & Soft Touch 3-Position Treadle Rod Air Switch	1
11	CV08A-1	Chain & Waste Removal Assembly	1
12	8WD45001900A	Screw	2
13	8MP06401011A	Screw	2

* CLUTCH : MOTOR, OUTPUT : 250W, 60HZ, R.P.M. 3420.

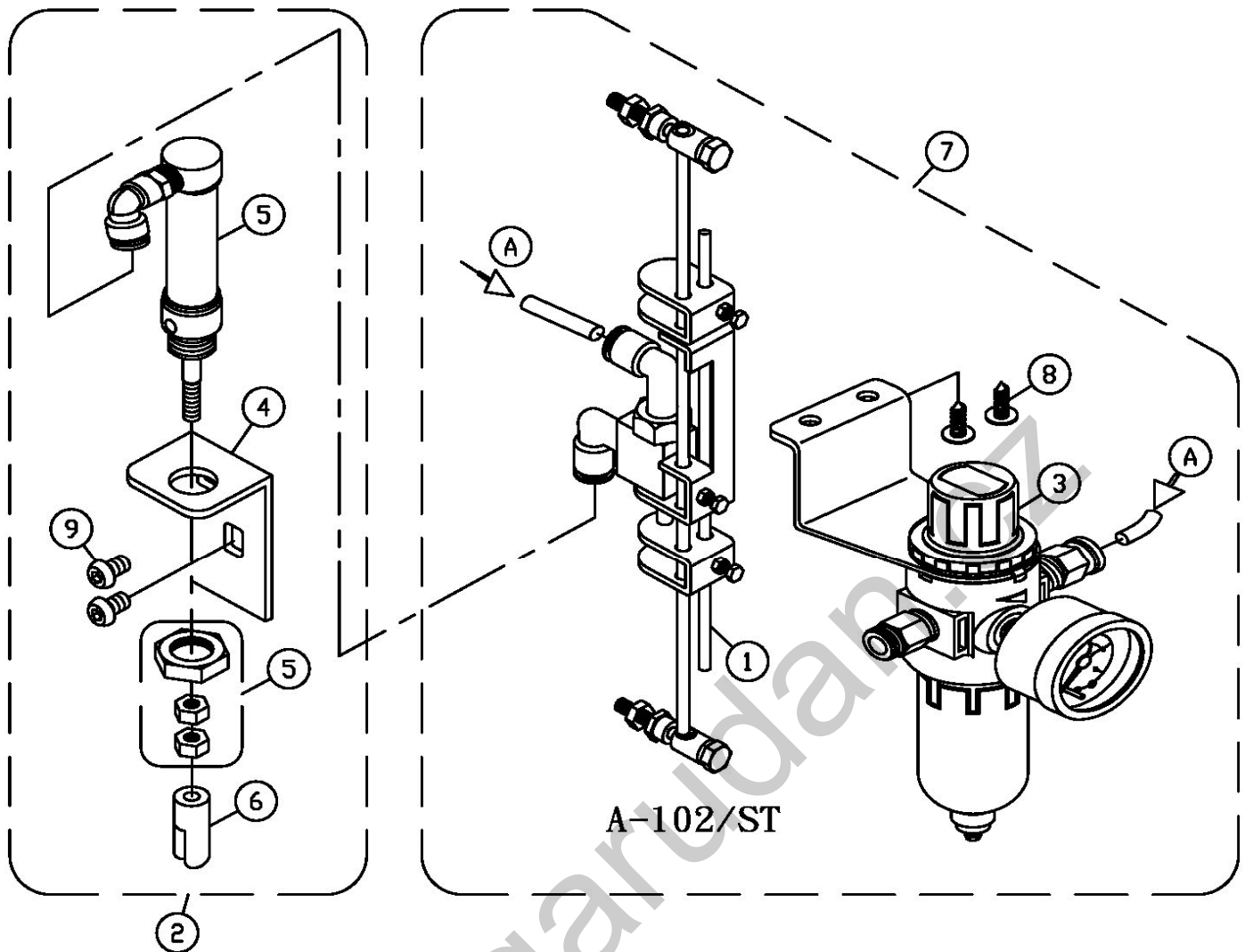
CV08D CHAIN & WASTE REMOVAL CYLINDER FOR PRESSER FOOT ASSEMBLY



Ref. No.	Parts.No.	Description	Amt. Req.
1	A-101/ST	Soft Touch 3-Position Treadle Rod Air Switch	1
2	B-100	Vacuum Chain Removal	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	D-100	Waste & Lint Remover Funnel	1
5	M-100	Muffler	1
6	4CV0800101	Air Cylinder For Presser Foot Assembly	1
7	4CV0060126	Filter/Regulator	1
8	CV08D-1	Chain & Waste Removal Assembly & Soft Touch 3-Position Treadle Rod Air Switch	1
9	K-100	Venturi Tube	1
10	CV08B-1	Chain & Waste Removal Assembly	1
11	4CV0800101-1	Cylinder Holder	1
12	4CV0800101-2	Air Cylinder Asm. (Nut)	1
13	4AL0070102	Clutch Sleere	1
14	8WD45001900A	Screw	2
15	8MP06401011A	Screw	2

* CLUTCH : MOTOR, OUTPUT : 250W, 60HZ, R.P.M. 3420.

CV08E AIR CYLINDER FOR PRESSER FOOT ASSEMBLY



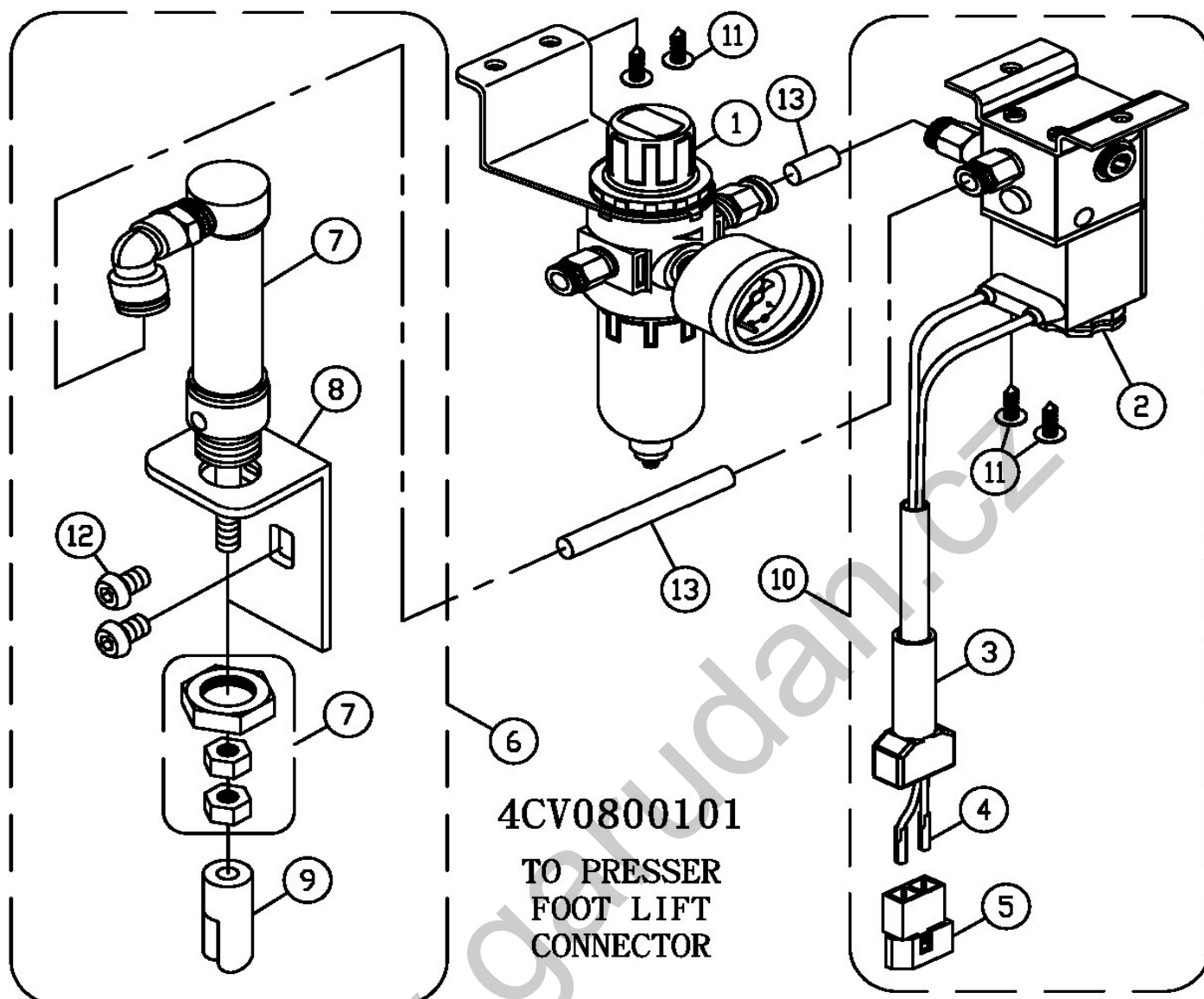
4CV0800101

**TO PRESSER
FOOT LIFT
CONNECTOR**

Ref. No.	Parts.No.	Description	Amt. Req.
1	A-102/ST	Soft Touch 3-Position Treadle Rod Air Switch	1
2	4CV0800101	Air Cylinder For Presser Foot Assembly	1
3	4CV0060126	Filter/Regulator	1
4	4CV0800101-1	Cylinder Holder	1
5	4CV0800101-2	Air Cylinder Asm. (Nut)	1
6	4AL0070102	Clutch Sleere	1
7	CV08E-2	Presser Foot Assembly Asm.	1
8	8WD45001900A	Screw	2
9	8MP06401011A	Screw	2

* CLUTCH : MOTOR, OUTPUT : 250W, 60HZ, R.P.M. 3420.

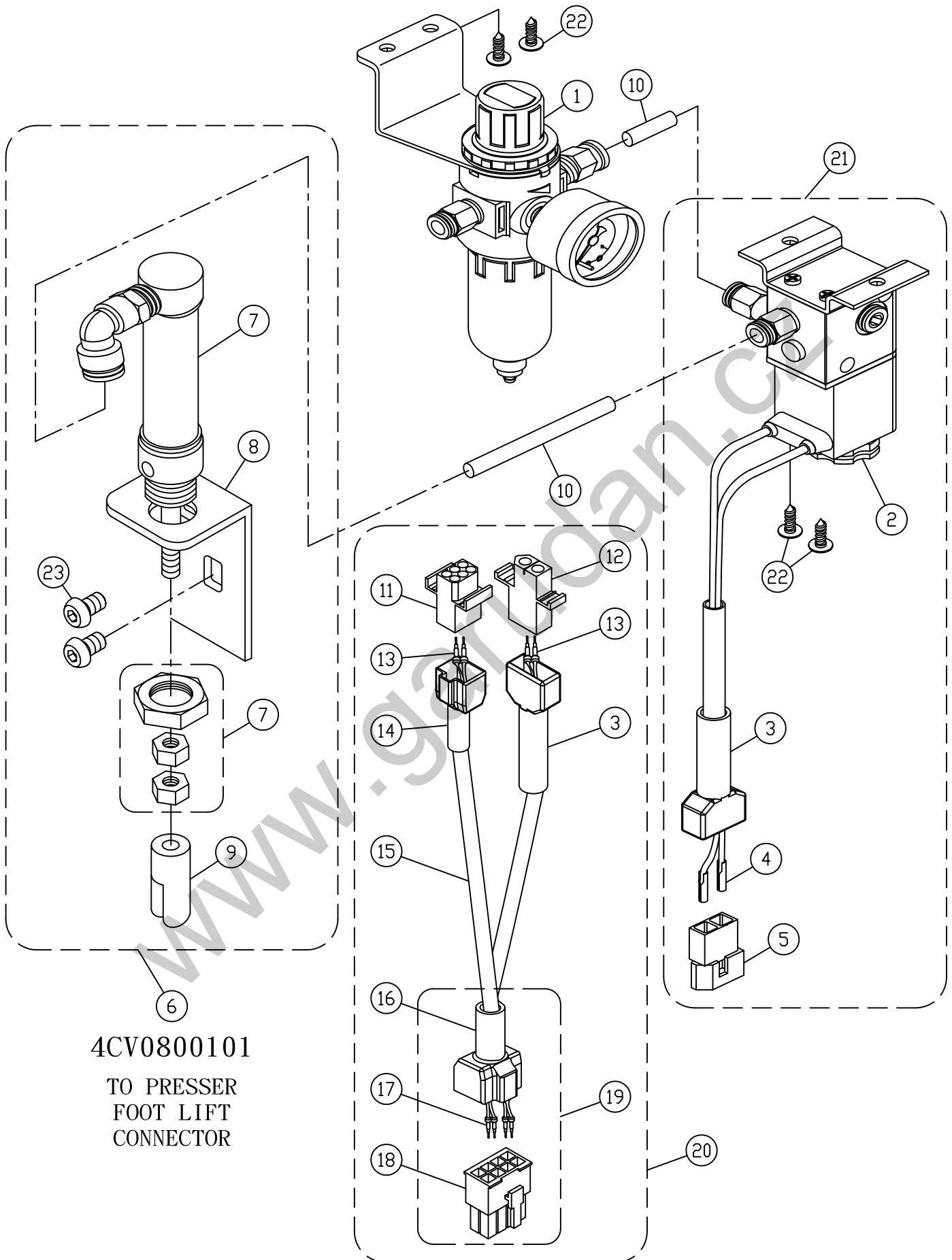
CV08E-1 AIR CYLINDER FOR PRESSER FOOT ASSEMBLY



Ref. No.	Parts.No.	Description	Amt. Req.
1	4CV0060126	Filter/Regulator	1
2	4CV08F0103	Electrical Controller	1
3	4AL013013	Power Cord Cap (2P)	1
4	4AL013015	Power Cord	2
5	4AL013017	Power Cord (2P)	1
6	4CV0800101	Air Cylinder For Presser Foot Assembly	1
7	4CV0800101-2	Air Cylinder Asm. (Nut)	1
8	4CV0800101-1	Cylinder Holder	1
9	4AL0070102	Clutch Sleere	1
10	4CV08FA0103	Electrical Controller Asm.	1
11	8WD45001900A	Screw	4
12	8MP06401011A	Screw	2
13	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with AC servo motor (Model No: HVP-90)

CV08E-3 AIR CYLINDER FOR PRESSER FOOT ASSEMBLY



4CV0800101

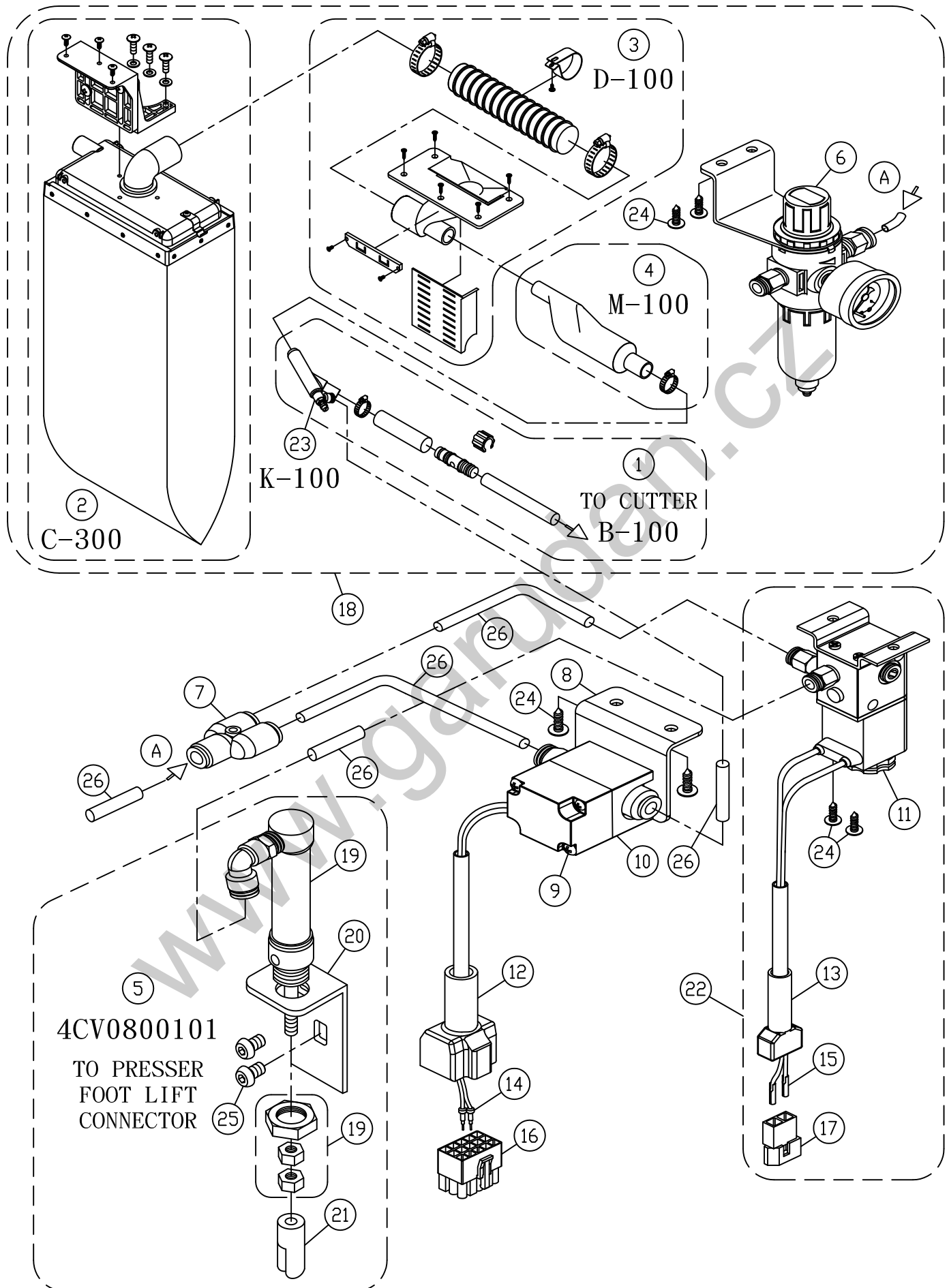
TO PRESSER
FOOT LIFT
CONNECTOR

CV08E-3 Air Cylinder For Presser Foot Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	4CV0060126	Filter/Regulator	1
2	4CV08F0103	Electrical Controller	1
3	4AL013013	Power Cord Cap (2P)	2
4	4AL013015	Power Cord	2
5	4AL013017	Power Cord (2P)	1
6	4CV0800101	Air Cylinder For Presser Foot Assembly	1
7	4CV0800101-2	Air Cylinder Asm. (Nut)	1
8	4CV0800101-1	Cylinder Holder	1
9	4AL0070102	Clutch Sleere	1
10	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2
11	4AL0220105	Power Cord (6P)	1
12	4PFE040107	Power Cord (2P)	1
13	4PFE040108	Power Cord (12P)	4
14	4AL0220106	Power Cord Cap (6P)	1
15	4AL0220104	Lable	2
16	4AL0220101	Power Cord Cap (8P)	1
17	4AL0220102	Power Cord (8P)	4
18	4AL0220103	Power Cord (8P)	1
19	4AL022A0101	Power Cord Asm.	1
20	4AL023A0101	Power Cord Asm.	1
21	4CV08FA0103	Electrical Controller Asm.	1
22	8WD45001900A	Screw	4
23	8MP06401011A	Screw	2

* These two devices must be used together with liner-motor (Model No: GD40-4)

CV08F CHAIN & WASTE REMOVAL CYLINDER FOR PRESSER FOOT ASSEMBLY

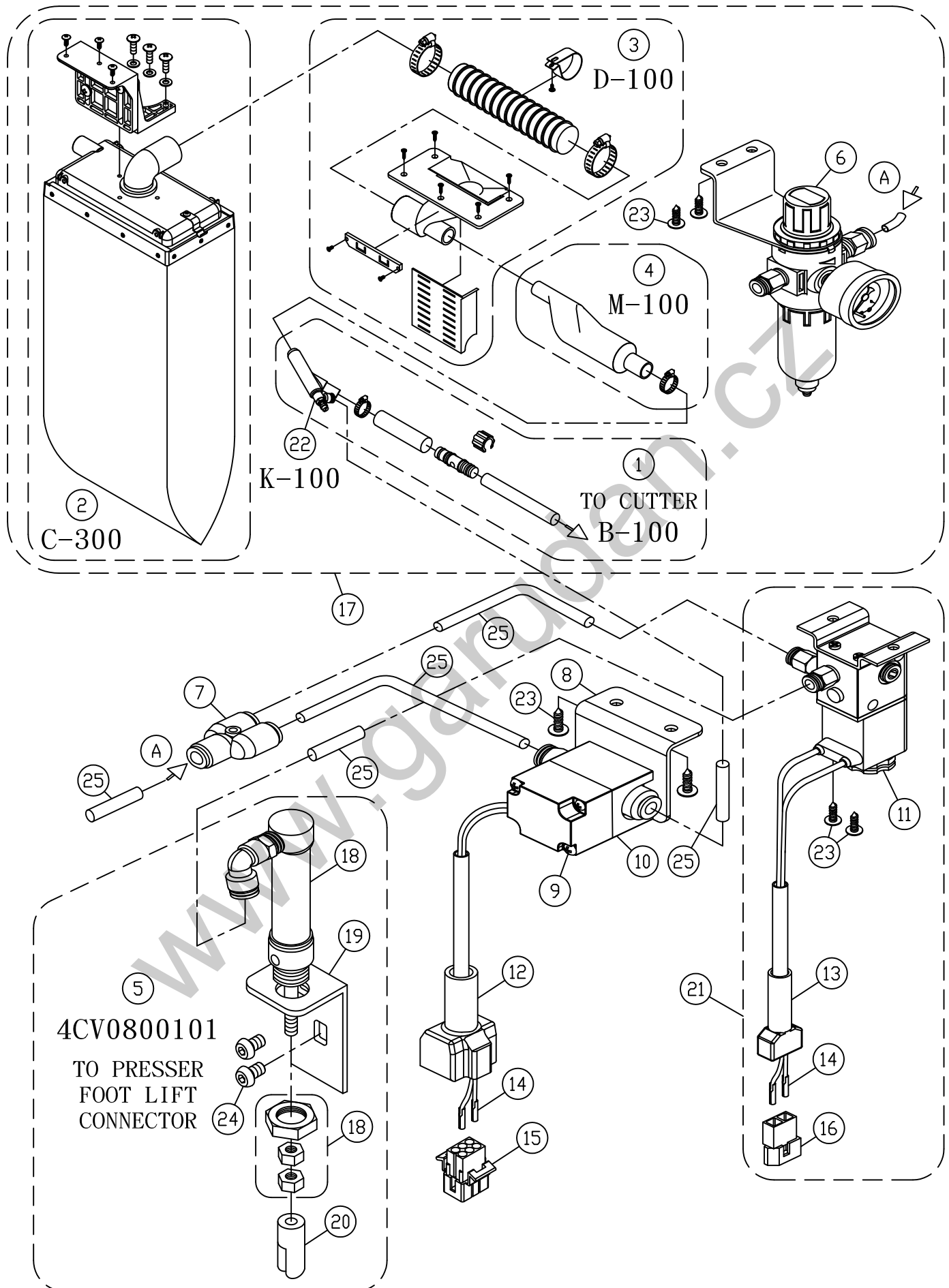


CV08F Chain & Waste Removal Cylinder For Presser Foot Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	C-300	Waste & Lint Gather System (Fabric Bag)	1
3	D-100	Waste & Lint Remover Funnel	1
4	M-100	Muffler	1
5	4CV0800101	Air Cylinder For Presser Foot Assembly	1
6	4CV0060126	Filter/Regulator	1
7	4TC012016	Y Connector	1
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4CV08F0103	Electrical Controller	1
12	4AL013012	Power Cord Cap (15P)	1
13	4AL013013	Power Cord Cap (2P)	1
14	4AL013014	Power Cord	2
15	4AL013015	Power Cord	2
16	4AL013016	Power Cord (15P)	1
17	4AL013017	Power Cord (2P)	1
18	CV08B-1	Chain & Waste Removal Assembly	1
19	4CV0800101-2	Air Cylinder Asm. (Nut)	1
20	4CV0800101-1	Cylinder Holder	1
21	4AL0070102	Clutch Sleere	1
22	4CV08FA0103	Electrical Controller Asm.	1
23	K-100	Venturi Tube	1
24	8WD45001900A	Screw	6
25	8MP06401011A	Screw	2
26	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	5

* These two devices must be used together with AC servo motor (Model No: HVP-90)

CV08F-1 CHAIN & WASTE REMOVAL CYLINDER FOR PRESSER FOOT ASSEMBLY

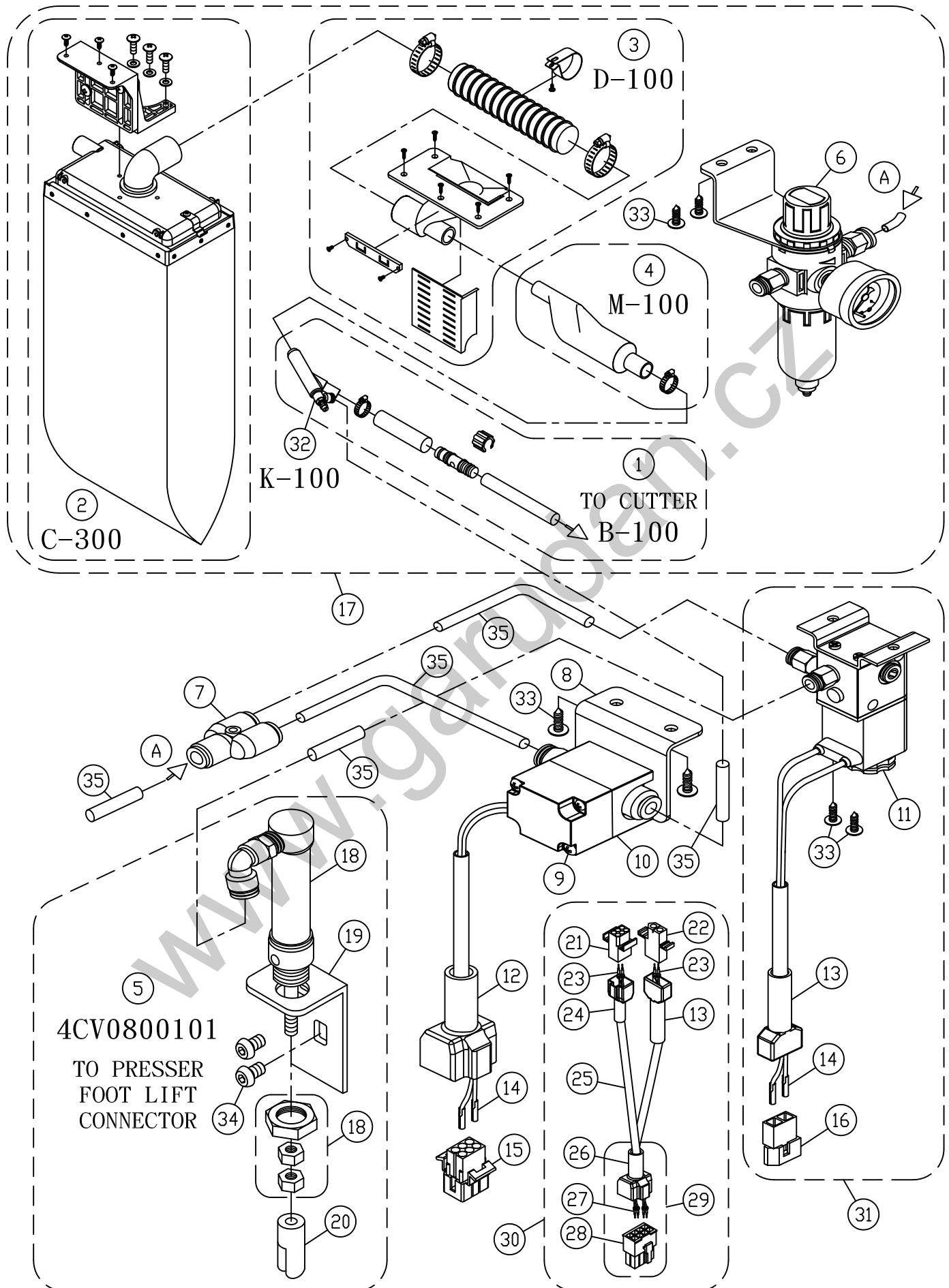


CV08F-1 Chain & Waste Removal Cylinder For Presser Foot Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	C-300	Waste & Lint Gather System (Fabric Bag)	1
3	D-100	Waste & Lint Remover Funnel	1
4	M-100	Muffler	1
5	4CV0800101	Air Cylinder For Presser Foot Assembly	1
6	4CV0060126	Filter/Regulator	1
7	4TC012016	Y Connector	1
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4CV08F0103	Electrical Controller	1
12	4TT-S34033	Power Cord Cap (6P)	1
13	4AL013013	Power Cord Cap (2P)	1
14	4AL013015	Power Cord	4
15	4TT-S34032	Power Cord (6P)	1
16	4AL013017	Power Cord (2P)	1
17	CV08B-1	Chain & Waste Removal Assembly	1
18	4CV0800101-2	Air Cylinder Asm. (Nut)	1
19	4CV0800101-1	Cylinder Holder	1
20	4AL0070102	Clutch Sleere	1
21	4CV08FA0103	Electrical Controller Asm.	1
22	K-100	Venturi Tube	1
23	8WD45001900A	Screw	6
24	8MP06401011A	Screw	2
25	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	5

* These two devices must be used together with liner-motor (Model No: KE3H/SS20)

CV08F-2 CHAIN & WASTE REMOVAL CYLINDER FOR PRESSER FOOT ASSEMBLY

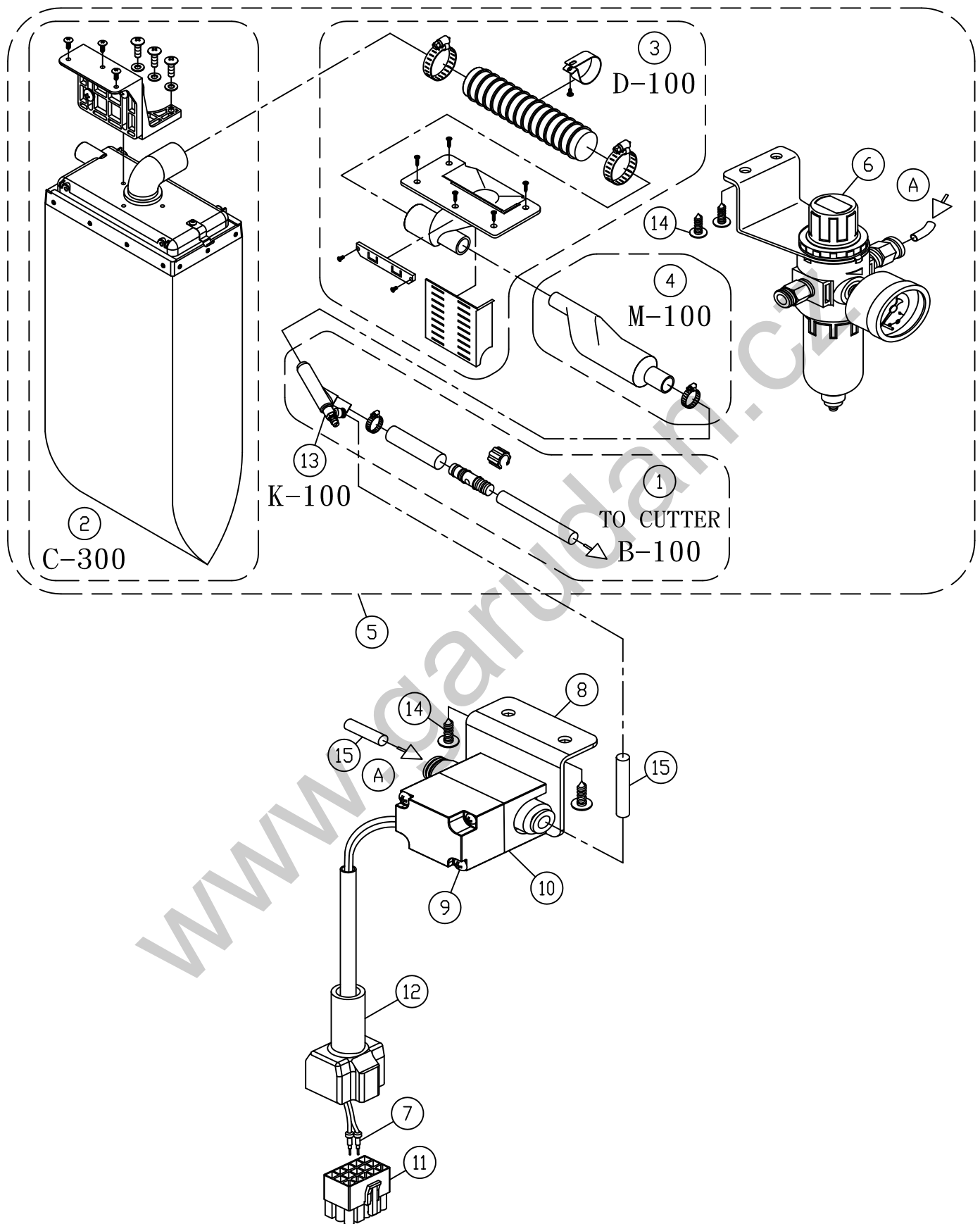


CV08F-2 Chain & Waste Removal Cylinder For Presser Foot Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	C-300	Waste & Lint Gather System (Fabric Bag)	1
3	D-100	Waste & Lint Remover Funnel	1
4	M-100	Muffler	1
5	4CV0800101	Air Cylinder For Presser Foot Assembly	1
6	4CV0060126	Filter/Regulator	1
7	4TC012016	Y Connector	1
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4CV08F0103	Electrical Controller	1
12	4TT-S34033	Power Cord Cap (6P)	1
13	4AL013013	Power Cord Cap (2P)	2
14	4AL013015	Power Cord	4
15	4TT-S34032	Power Cord (6P)	1
16	4AL013017	Power Cord (2P)	1
17	CV08B-1	Chain & Waste Removal Assembly	1
18	4CV0800101-2	Air Cylinder Asm. (Nut)	1
19	4CV0800101-1	Cylinder Holder	1
20	4AL0070102	Clutch Sleere	1
21	4AL0220105	Power Cord (6P)	1
22	4PFE040107	Power Cord (2P)	1
23	4PFE040108	Power Cord (12P)	4
24	4AL0220106	Power Cord Cap (6P)	1
25	4AL0220104	Lable	2
26	4AL0220101	Power Cord Cap (8P)	1
27	4AL0220102	Power Cord (8P)	4
28	4AL0220103	Power Cord (8P)	1
29	4AL022A0101	Power Cord Asm.	1
30	4AL023A0101	Power Cord Asm.	1
31	4CV08FA0103	Electrical Controller Asm.	1
32	K-100	Venturi Tube	1
33	8WD45001900A	Screw	6
34	8MP06401011A	Screw	2
35	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	5

* These two devices must be used together with liner-motor (Model No: GD40-4)

CV08G CHAIN & WASTE REMOVAL ASSEMBLY

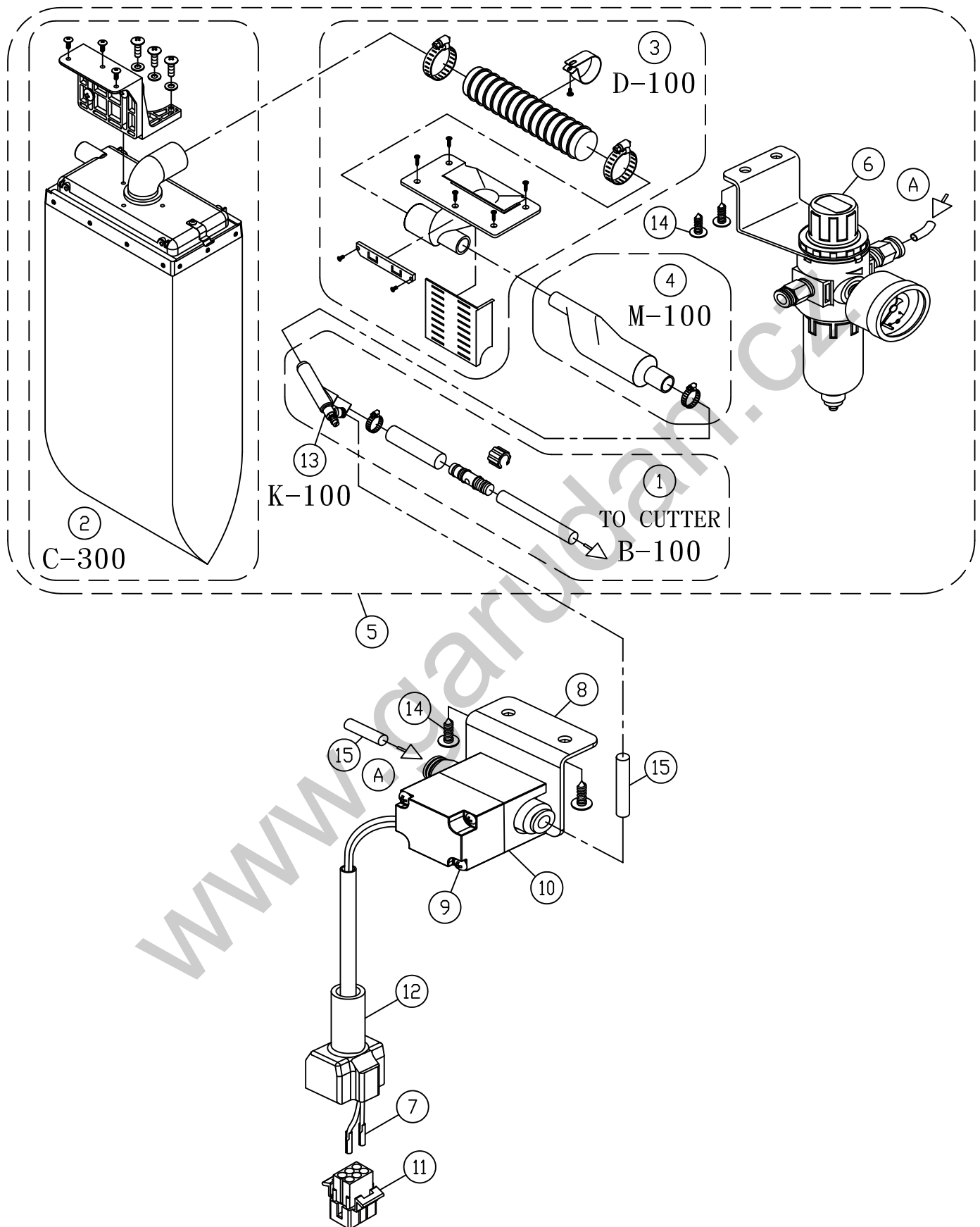


CV08G Chain & Waste Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	C-300	Waste & Lint Gather System (Fabric Bag)	1
3	D-100	Waste & Lint Remover Funnel	1
4	M-100	Muffler	1
5	CV08B-1	Chain & Waste Removal Assembly	1
6	4CV0060126	Filter/Regulator	1
7	4AL013014	Power Cord	2
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4AL013016	Power Cord (15P)	1
12	4AL013012	Power Cord Cap (15P)	1
13	K-100	Venturi Tube	1
14	8WD45001900A	Screw	4
15	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with AC servo motor (Model No: HVP-90)

CV08G-1 CHAIN & WASTE REMOVAL ASSEMBLY

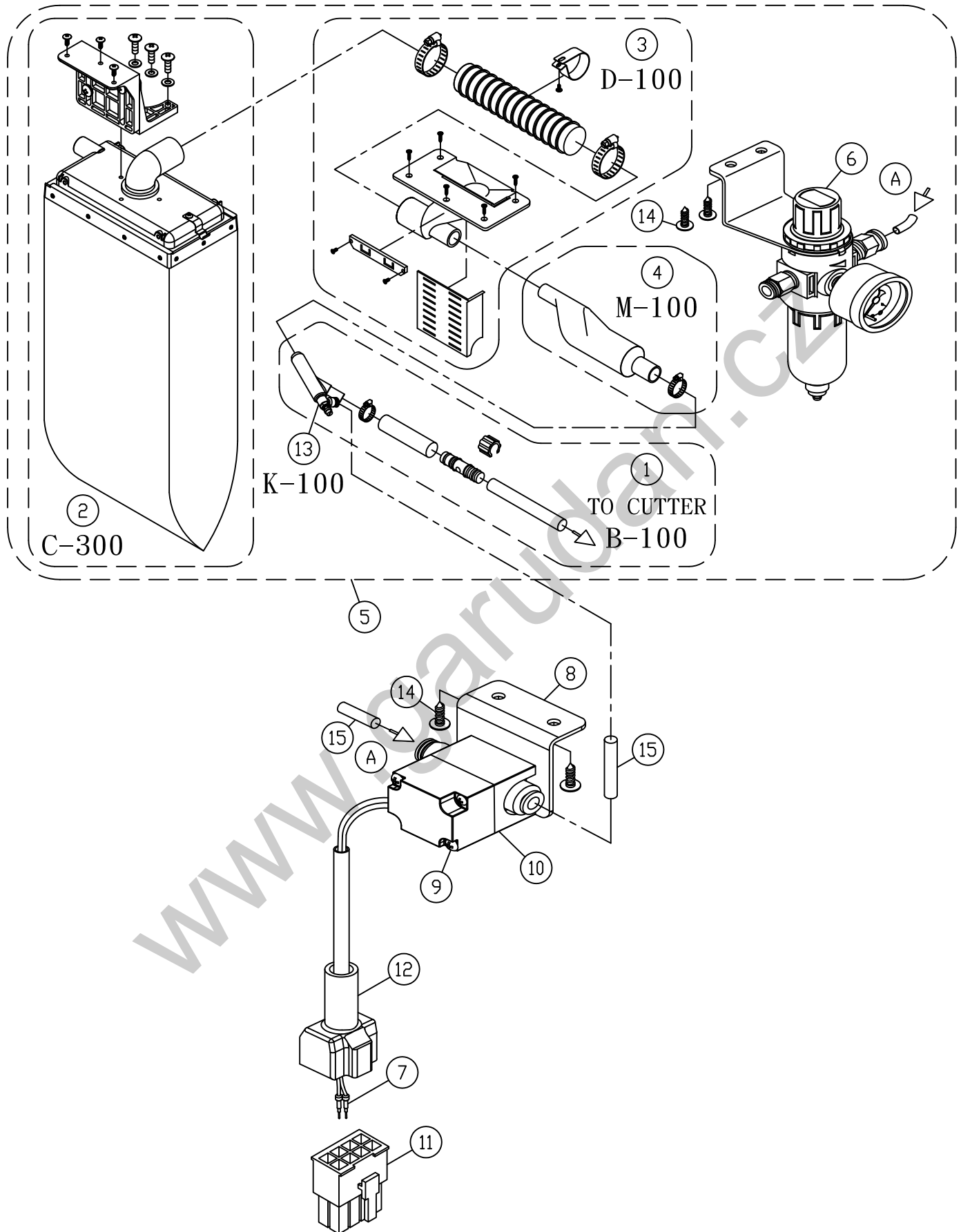


CV08G-1 Chain & Waste Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	C-300	Waste & Lint Gather System (Fabric Bag)	1
3	D-100	Waste & Lint Remover Funnel	1
4	M-100	Muffler	1
5	CV08B-1	Chain & Waste Removal Assembly	1
6	4CV0060126	Filter/Regulator	1
7	4AL013015	Power Cord	2
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4TT-S34032	Power Cord (6P)	1
12	4TT-S34033	Power Cord Cap (6P)	1
13	K-100	Venturi Tube	1
14	8WD45001900A	Screw	4
15	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with liner-motor (Model No: KE3H/SS20)

CV08G-2 CHAIN & WASTE REMOVAL ASSEMBLY

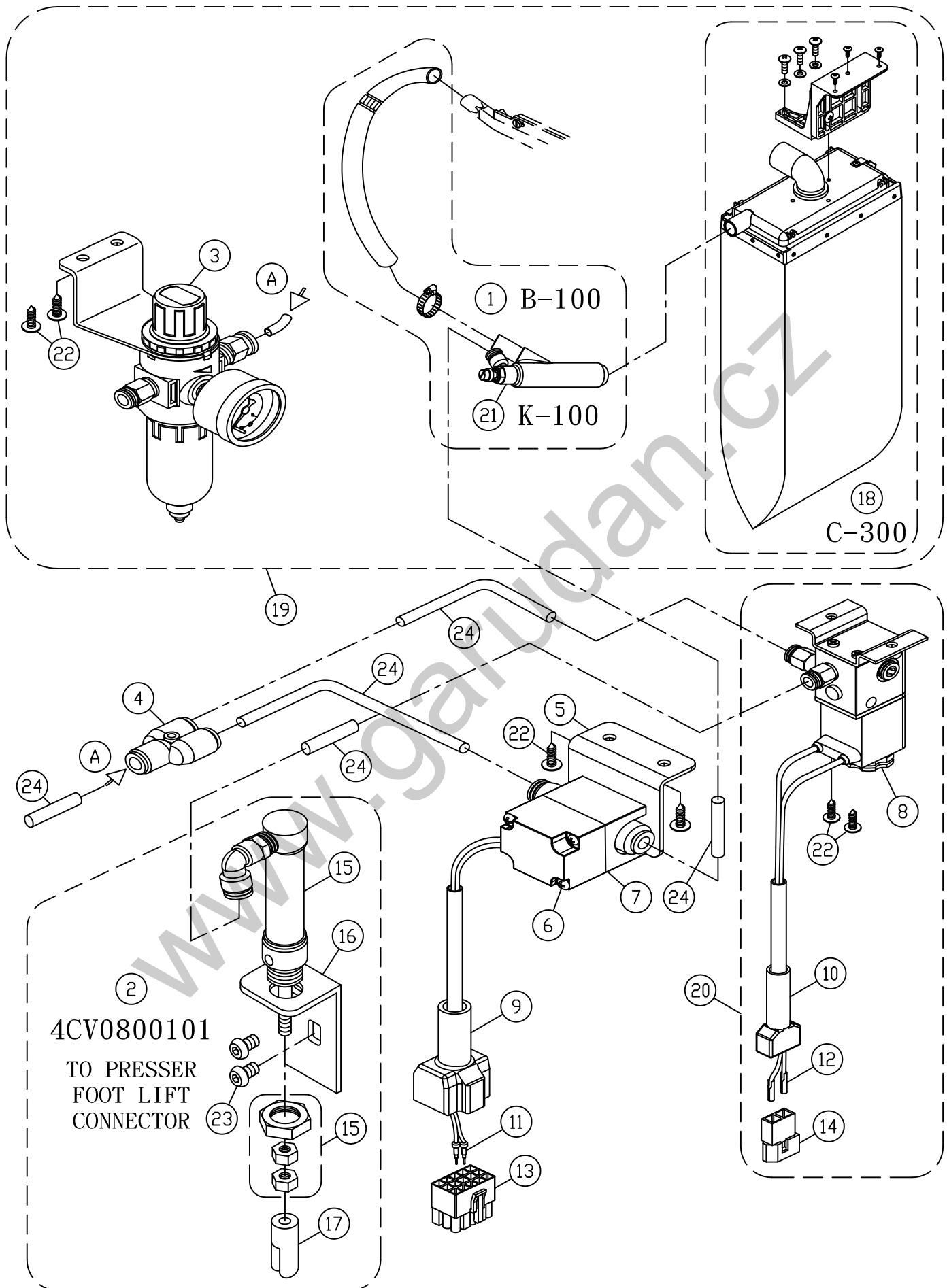


CV08G-2 Chain & Waste Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	C-300	Waste & Lint Gather System (Fabric Bag)	1
3	D-100	Waste & Lint Remover Funnel	1
4	M-100	Muffler	1
5	CV08B-1	Chain & Waste Removal Assembly	1
6	4CV0060126	Filter/Regulator	1
7	4AL0220102	Power Cord (8P)	2
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4AL0220103	Power Cord (8P)	1
12	4AL0220101	Power Cord Cap (8P)	1
13	K-100	Venturi Tube	1
14	8WD45001900A	Screw	4
15	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with liner-motor (Model No: GD40-4)

CV08H CHAIN REMOVAL & AIR CYLINDER FOR PRESSER FOOT ASSEMBLY

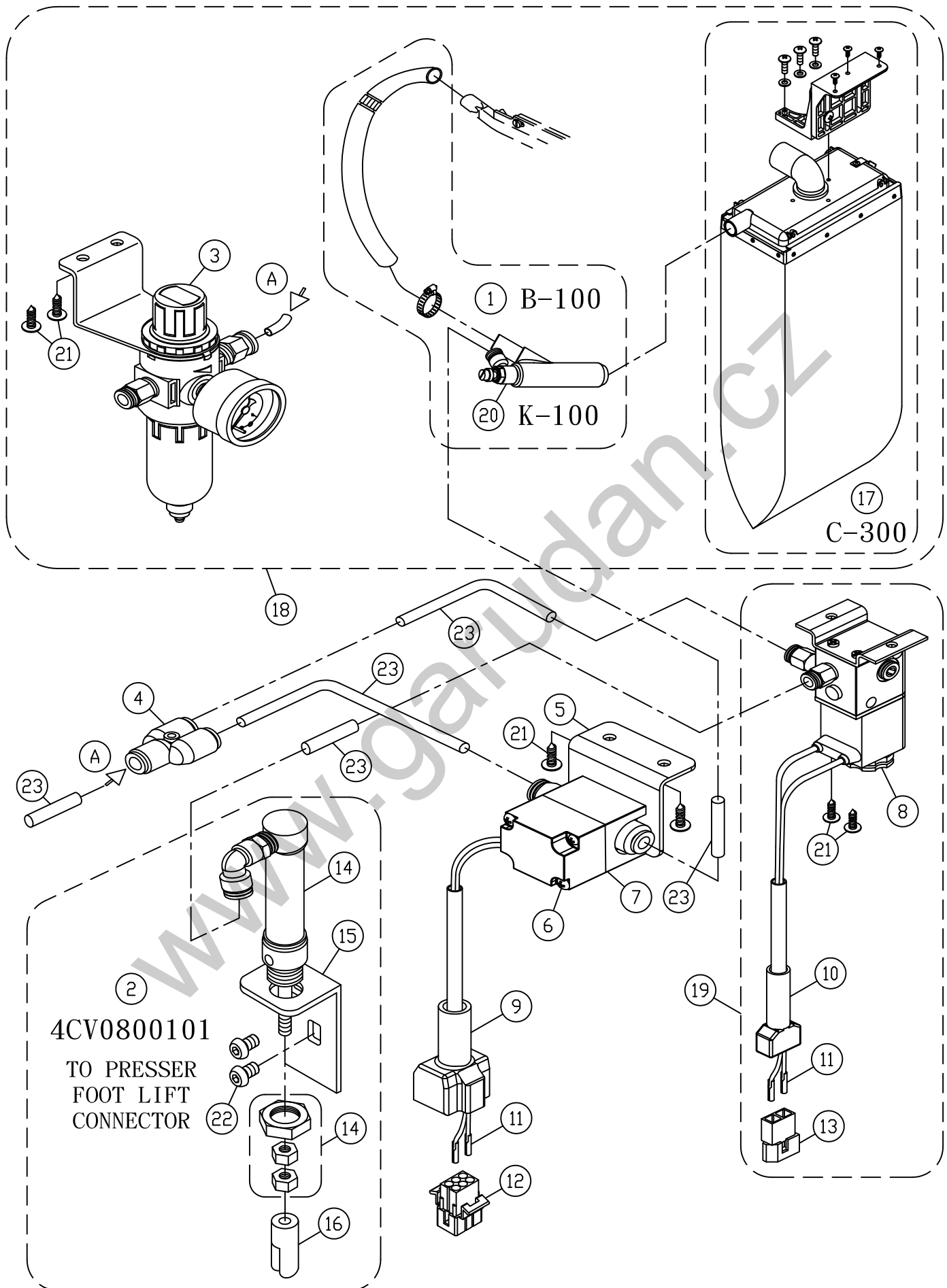


CV08H Chain Removal & Air Cylinder For Presser Foot Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	4CV0800101	Air Cylinder For Presser Foot Assembly	1
3	4CV0060126	Filter/Regulator	1
4	4TC012016	Y Connector	1
5	4CV08F0101	Bracket	1
6	8MC03204506D	Screw	2
7	4CV08F0102	Electrical Controller	1
8	4CV08F0103	Electrical Controller	1
9	4AL013012	Power Cord Cap (15P)	1
10	4AL013013	Power Cord Cap (2P)	1
11	4AL013014	Power Cord	2
12	4AL013015	Power Cord	2
13	4AL013016	Power Cord (15P)	1
14	4AL013017	Power Cord (2P)	1
15	4CV0800101-2	Air Cylinder Asm. (Nut)	1
16	4CV0800101-1	Cylinder Holder	1
17	4AL0070102	Clutch Sleere	1
18	C-300	Waste & Lint Gather System (Fabric Bag)	1
19	CV08A-1	Chain & Waste Removal Assembly	1
20	4CV08FA0103	Electrical Controller Asm.	1
21	K-100	Venturi Tube	1
22	8WD45001900A	Screw	6
23	8MP06401011A	Screw	2
24	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	5

* These two devices must be used together with AC servo motor (Model No: HVP-90)

CV08H-1 CHAIN REMOVAL & AIR CYLINDER FOR PRESSER FOOT ASSEMBLY

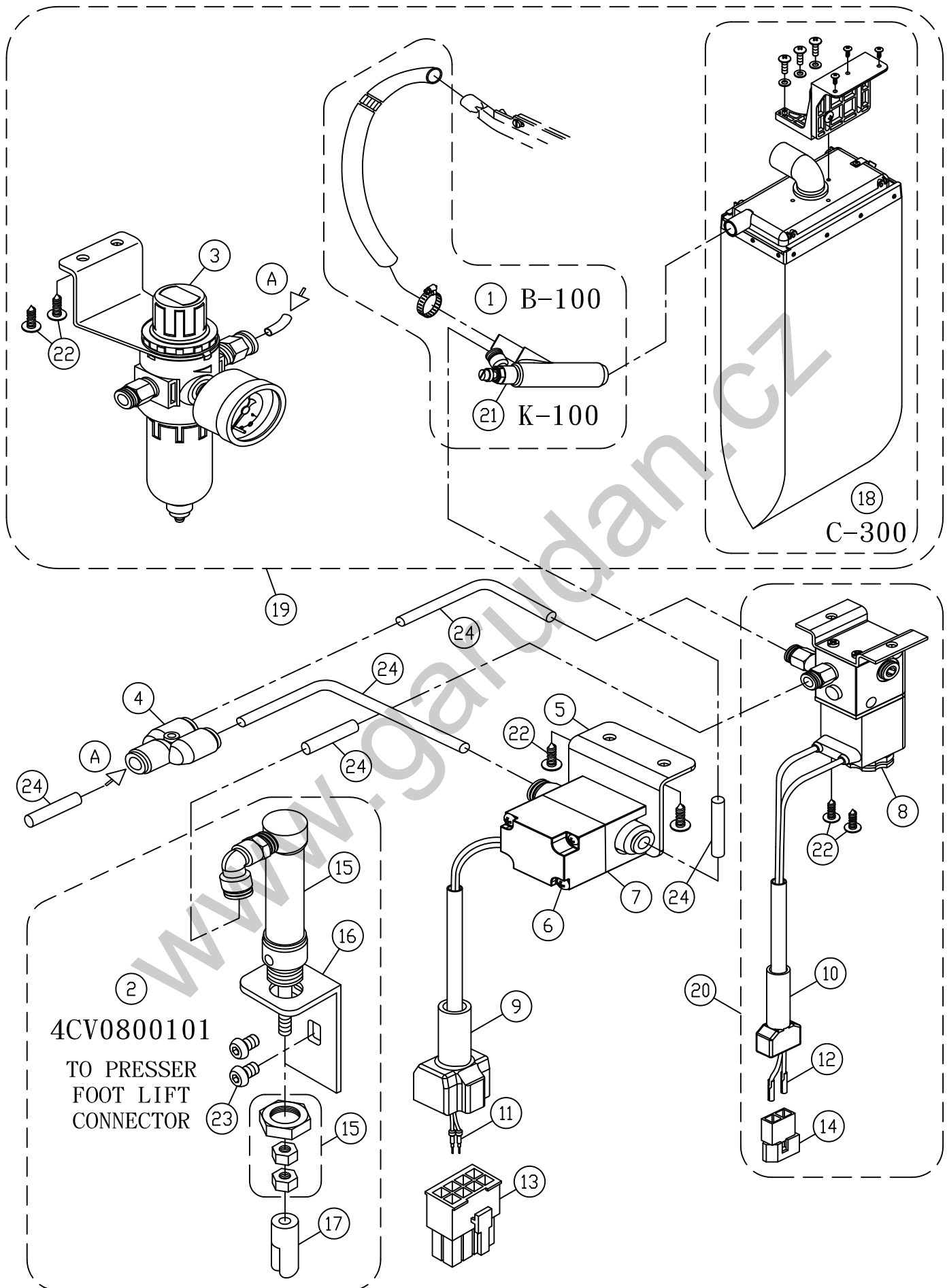


CV08H-1 Chain Removal & Air Cylinder For Presser Foot Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	4CV0800101	Air Cylinder For Presser Foot Assembly	1
3	4CV0060126	Filter/Regulator	1
4	4TC012016	Y Connector	1
5	4CV08F0101	Bracket	1
6	8MC03204506D	Screw	2
7	4CV08F0102	Electrical Controller	1
8	4CV08F0103	Electrical Controller	1
9	4TT-S34033	Power Cord Cap (6P)	1
10	4AL013013	Power Cord Cap (2P)	1
11	4AL013015	Power Cord	4
12	4TT-S34032	Power Cord (6P)	1
13	4AL013017	Power Cord (2P)	1
14	4CV0800101-2	Air Cylinder Asm. (Nut)	1
15	4CV0800101-1	Cylinder Holder	1
16	4AL0070102	Clutch Sleere	1
17	C-300	Waste & Lint Gather System (Fabric Bag)	1
18	CV08A-1	Chain & Waste Removal Assembly	1
19	4CV08FA0103	Electrical Controller Asm.	1
20	K-100	Venturi Tube	1
21	8WD45001900A	Screw	6
22	8MP06401011A	Screw	2
23	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	5

* These two devices must be used together with liner-motor (Model No: KE3H/SS20)

CV08H-2 CHAIN REMOVAL & AIR CYLINDER FOR PRESSER FOOT ASSEMBLY

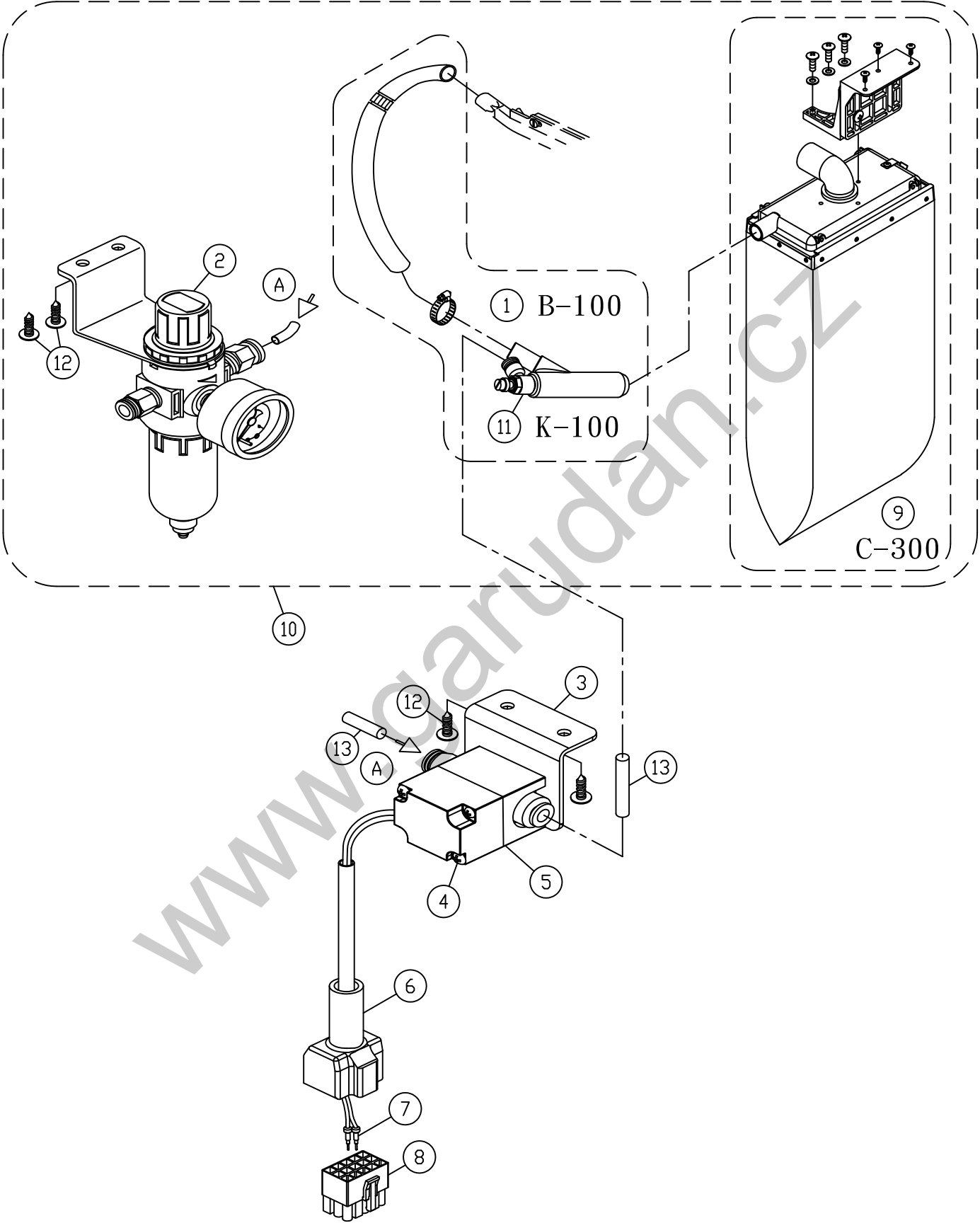


CV08H-2 Chain Removal & Air Cylinder For Presser Foot Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	4CV0800101	Air Cylinder For Presser Foot Assembly	1
3	4CV0060126	Filter/Regulator	1
4	4TC012016	Y Connector	1
5	4CV08F0101	Bracket	1
6	8MC03204506D	Screw	2
7	4CV08F0102	Electrical Controller	1
8	4CV08F0103	Electrical Controller	1
9	4AL0220101	Power Cord Cap (8P)	1
10	4AL013013	Power Cord Cap (2P)	1
11	4AL0220102	Power Cord (8P)	2
12	4AL013015	Power Cord	2
13	4AL0220103	Power Cord (8P)	1
14	4AL013017	Power Cord (2P)	1
15	4CV0800101-2	Air Cylinder Asm. (Nut)	1
16	4CV0800101-1	Cylinder Holder	1
17	4AL0070102	Clutch Sleere	1
18	C-300	Waste & Lint Gather System (Fabric Bag)	1
19	CV08A-1	Chain & Waste Removal Assembly	1
20	4CV08FA0103	Electrical Controller Asm.	1
21	K-100	Venturi Tube	1
22	8WD45001900A	Screw	6
23	8MP06401011A	Screw	2
24	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	5

* These two devices must be used together with liner-motor (Model No: GD40-4)

CV08I CHAIN REMOVAL ASSEMBLY

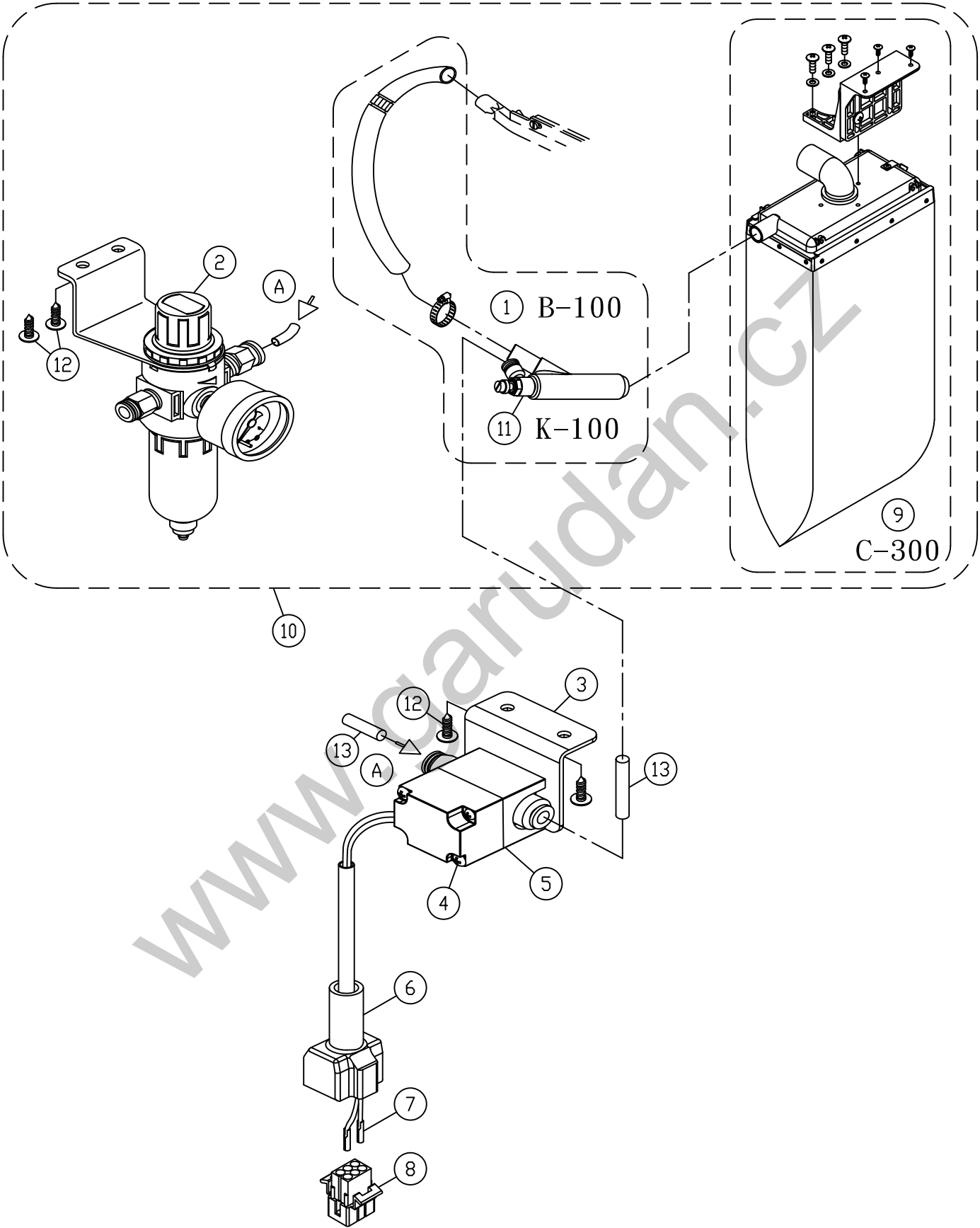


CV08I Chain Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	4CV0060126	Filter/Regulator	1
3	4CV08F0101	Bracket	1
4	8MC03204506D	Screw	2
5	4CV08F0102	Electrical Controller	1
6	4AL013012	Power Cord Cap (15P)	1
7	4AL013014	Power Cord	2
8	4AL013016	Power Cord (15P)	1
9	C-300	Waste & Lint Gather System (Fabric Bag)	1
10	CV08A-1	Chain & Waste Removal Assembly	1
11	K-100	Venturi Tube	1
12	8WD45001900A	Screw	4
13	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with AC servo motor (Model No: HVP-90)

CV08I-1 CHAIN REMOVAL ASSEMBLY

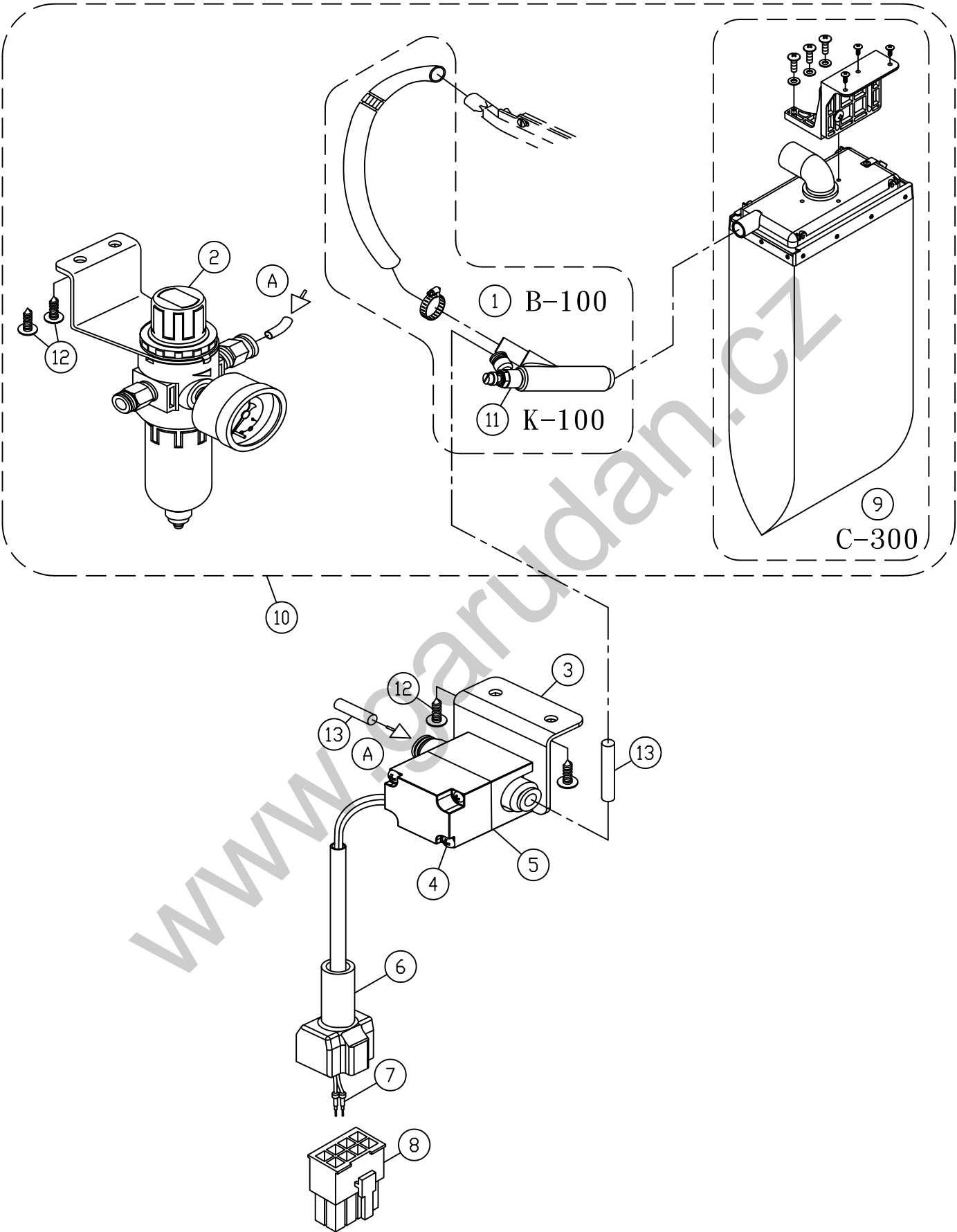


CV08I-1 Chain Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	4CV0060126	Filter/Regulator	1
3	4CV08F0101	Bracket	1
4	8MC03204506D	Screw	2
5	4CV08F0102	Electrical Controller	1
6	4TT-S34033	Power Cord Cap (6P)	1
7	4AL013015	Power Cord	2
8	4TT-S34032	Power Cord (6P)	1
9	C-300	Waste & Lint Gather System (Fabric Bag)	1
10	CV08A-1	Chain & Waste Removal Assembly	1
11	K-100	Venturi Tube	1
12	8WD45001900A	Screw	4
13	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with liner-motor (Model No: KE3H/SS20)

CV08I-2 CHAIN REMOVAL ASSEMBLY

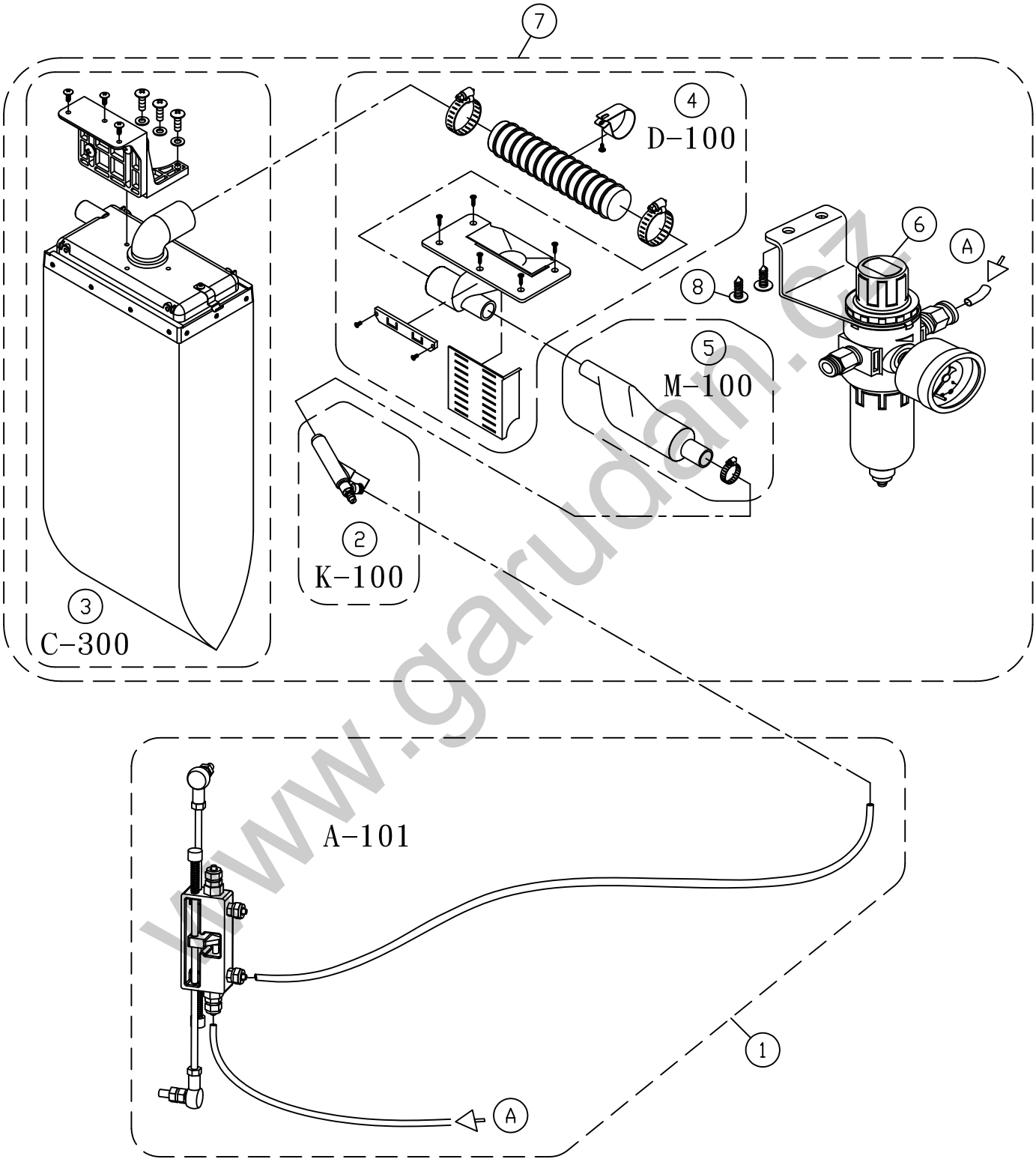


CV08I-2 Chain Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	B-100	Vacuun Chain Removal	1
2	4CV0060126	Filter/Regulator	1
3	4CV08F0101	Bracket	1
4	8MC03204506D	Screw	2
5	4CV08F0102	Electrical Controller	1
6	4AL0220101	Power Cord Cap (8P)	1
7	4AL0220102	Power Cord (8P)	2
8	4AL0220103	Power Cord (8P)	1
9	C-300	Waste & Lint Gather System (Fabric Bag)	1
10	CV08A-1	Chain & Waste Removal Assembly	1
11	K-100	Venturi Tube	1
12	8WD45001900A	Screw	4
13	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with liner-motor (Model No: GD40-4)

CV08K WASTE REMOVAL ASSEMBLY



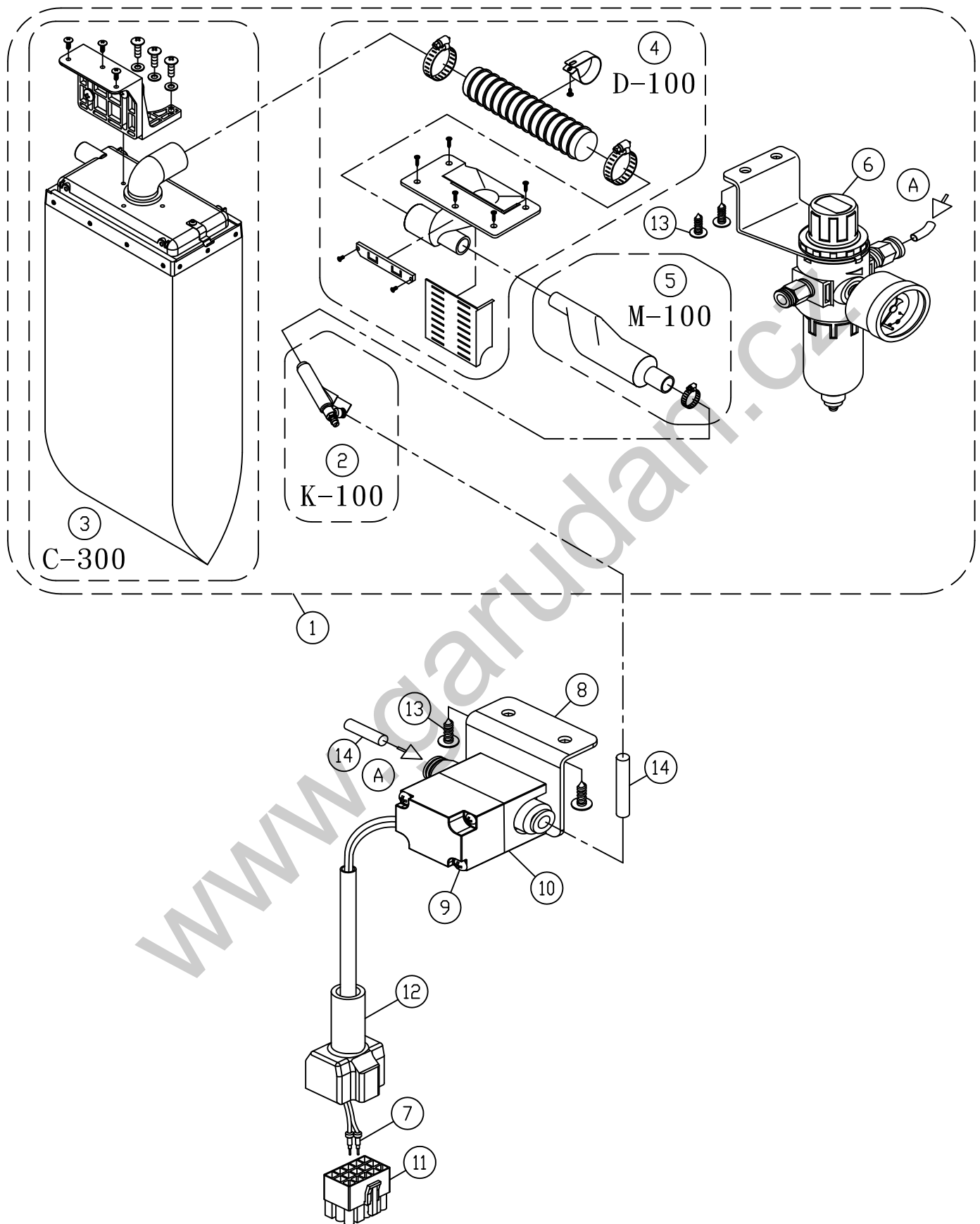
CV08K Waste Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	A-101	Soft Touch Heel Action Treadle Rod Air Switch	1
2	K-100	Venturi Tube	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	D-100	Waste & Lint Remover Funnel	1
5	M-100	Muffler	1
6	4CV0060126	Filter/Regulator	1
7	CV08K-1	Waste Removal Assembly	1
8	8WD45001900A	Screw	2

* CLUTCH : MOTOR, OUTPUT : 250W, 60HZ, R.P.M. 3420.

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CV08M WASTE REMOVAL ASSEMBLY

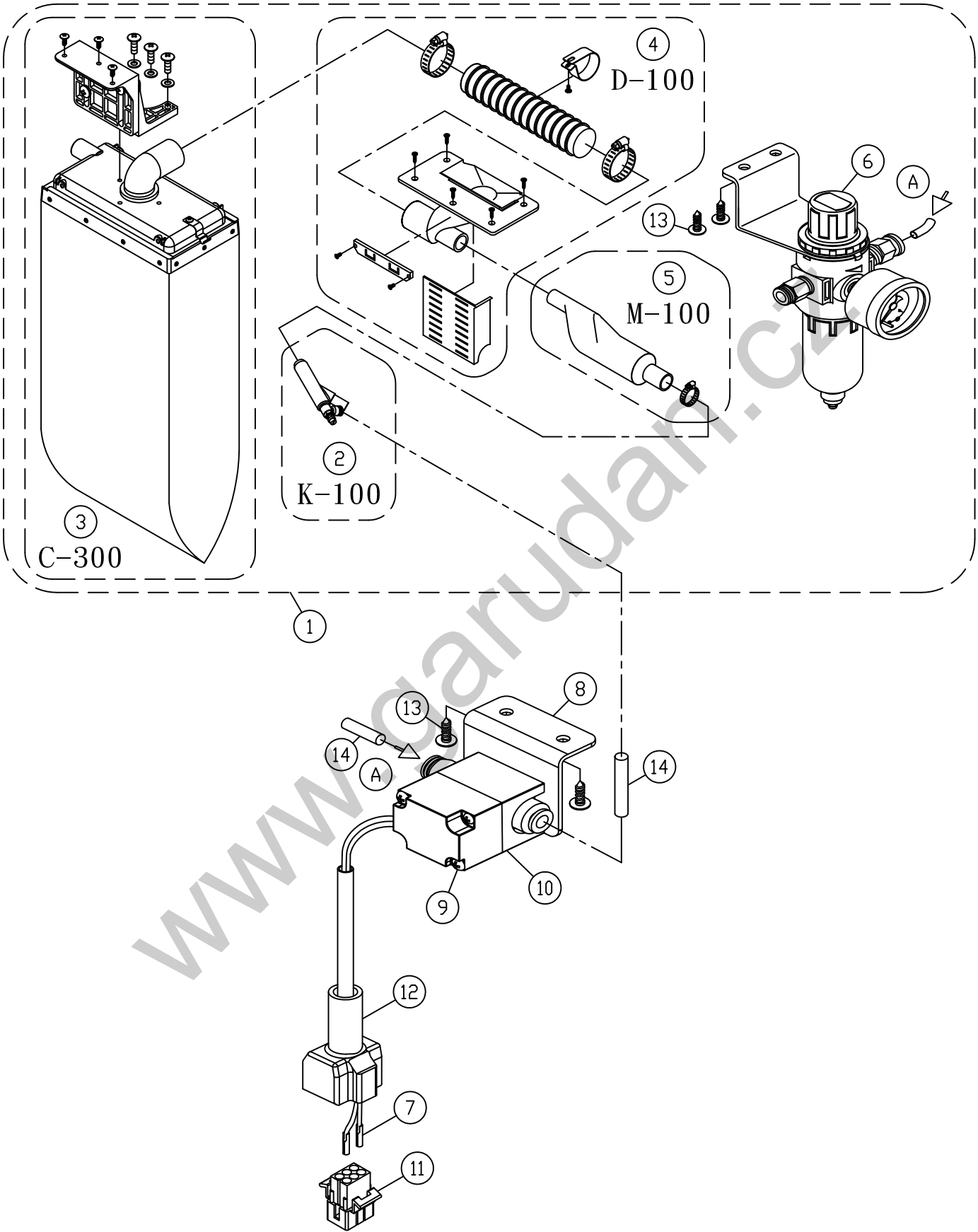


CV08M Waste Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	CV08K-1	Waste Removal Assembly	1
2	K-100	Venturi Tube	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	D-100	Waste & Lint Remover Funnel	1
5	M-100	Muffler	1
6	4CV0060126	Filter/Regulator	1
7	4AL013014	Power Cord	2
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4AL013016	Power Cord (15P)	1
12	4AL013012	Power Cord Cap (15P)	1
13	8WD45001900A	Screw	4
14	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with AC servo motor (Model No: HVP-90)

CV08M-1 WASTE REMOVAL ASSEMBLY



CV08M-1 Waste Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	CV08K-1	Waste Removal Assembly	1
2	K-100	Venturi Tube	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	D-100	Waste & Lint Remover Funnel	1
5	M-100	Muffler	1
6	4CV0060126	Filter/Regulator	1
7	4AL013015	Power Cord	2
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4TT-S34032	Power Cord (6P)	1
12	4TT-S34033	Power Cord Cap (6P)	1
13	8WD45001900A	Screw	4
14	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with liner-motor (Model No: KE3H/SS20)

Technical drawing showing the assembly of the K-100 control unit. The drawing includes a perspective view of the unit (1) and a detailed view of the top cover (2) labeled K-100. The unit is shown with various components labeled with circled numbers: 1 (main unit), 2 (top cover), 3 (screw), 4 (screw), 5 (screw), 6 (screw), 7 (screw), 8 (top cover), 9 (screw), 10 (screw), 11 (screw), 12 (screw), 13 (screw), 14 (screw), 15 (screw), 16 (screw), 17 (screw), 18 (screw), 19 (screw), 20 (screw), 21 (screw), 22 (screw), 23 (screw), 24 (screw), 25 (screw), 26 (screw), 27 (screw), 28 (screw), 29 (screw), 30 (screw), 31 (screw), 32 (screw), 33 (screw), 34 (screw), 35 (screw), 36 (screw), 37 (screw), 38 (screw), 39 (screw), 40 (screw), 41 (screw), 42 (screw), 43 (screw), 44 (screw), 45 (screw), 46 (screw), 47 (screw), 48 (screw), 49 (screw), 50 (screw), 51 (screw), 52 (screw), 53 (screw), 54 (screw), 55 (screw), 56 (screw), 57 (screw), 58 (screw), 59 (screw), 60 (screw), 61 (screw), 62 (screw), 63 (screw), 64 (screw), 65 (screw), 66 (screw), 67 (screw), 68 (screw), 69 (screw), 70 (screw), 71 (screw), 72 (screw), 73 (screw), 74 (screw), 75 (screw), 76 (screw), 77 (screw), 78 (screw), 79 (screw), 80 (screw), 81 (screw), 82 (screw), 83 (screw), 84 (screw), 85 (screw), 86 (screw), 87 (screw), 88 (screw), 89 (screw), 90 (screw), 91 (screw), 92 (screw), 93 (screw), 94 (screw), 95 (screw), 96 (screw), 97 (screw), 98 (screw), 99 (screw), 100 (screw).



CV08M-2 Waste Removal Assembly

Ref. No.	Parts.No.	Description	Amt. Req.
1	CV08K-1	Waste Removal Assembly	1
2	K-100	Venturi Tube	1
3	C-300	Waste & Lint Gather System (Fabric Bag)	1
4	D-100	Waste & Lint Remover Funnel	1
5	M-100	Muffler	1
6	4CV0060126	Filter/Regulator	1
7	4AL0220102	Power Cord (8P)	2
8	4CV08F0101	Bracket	1
9	8MC03204506D	Screw	2
10	4CV08F0102	Electrical Controller	1
11	4AL0220103	Power Cord (8P)	1
12	4AL0220101	Power Cord Cap (8P)	1
13	8WD45001900A	Screw	4
14	4TC0010130	Air Tube (L=1000mm) (ϕ 6)	2

* These two devices must be used together with liner-motor (Model No: GD40-4)

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