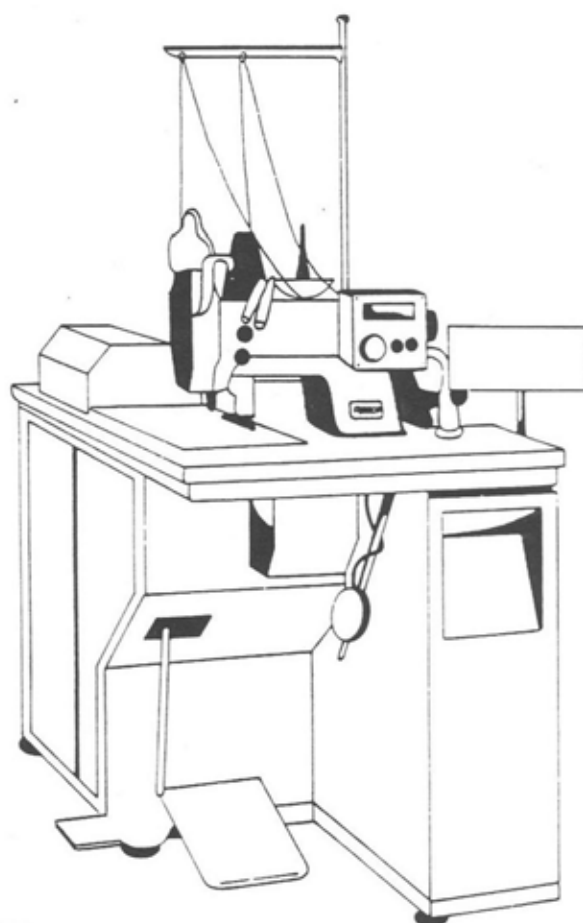


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Series 46 and Series 47

Lockstitch Pocket Welting Machines

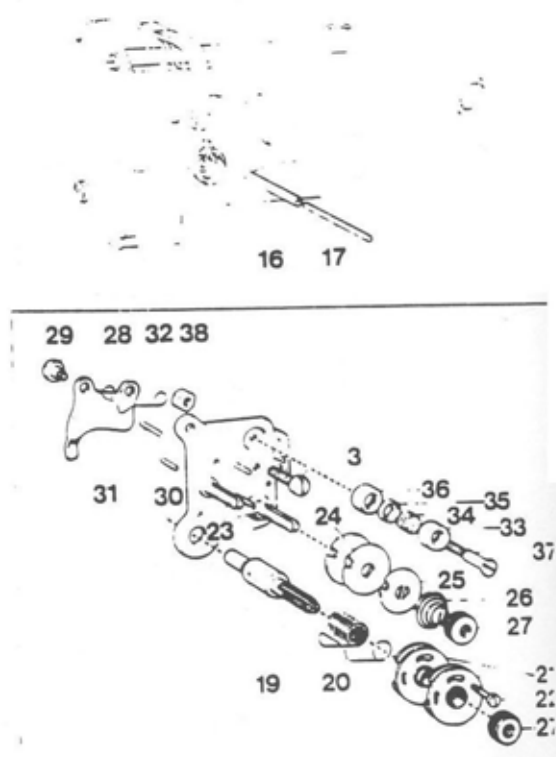
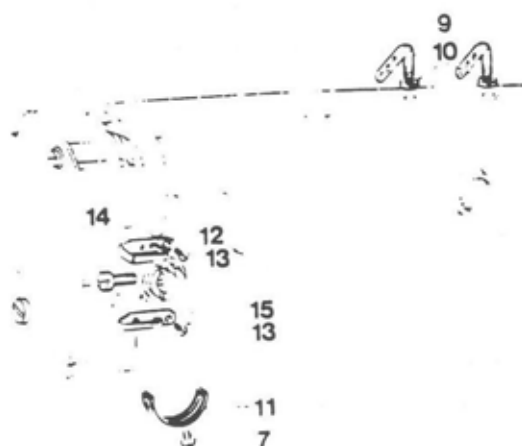
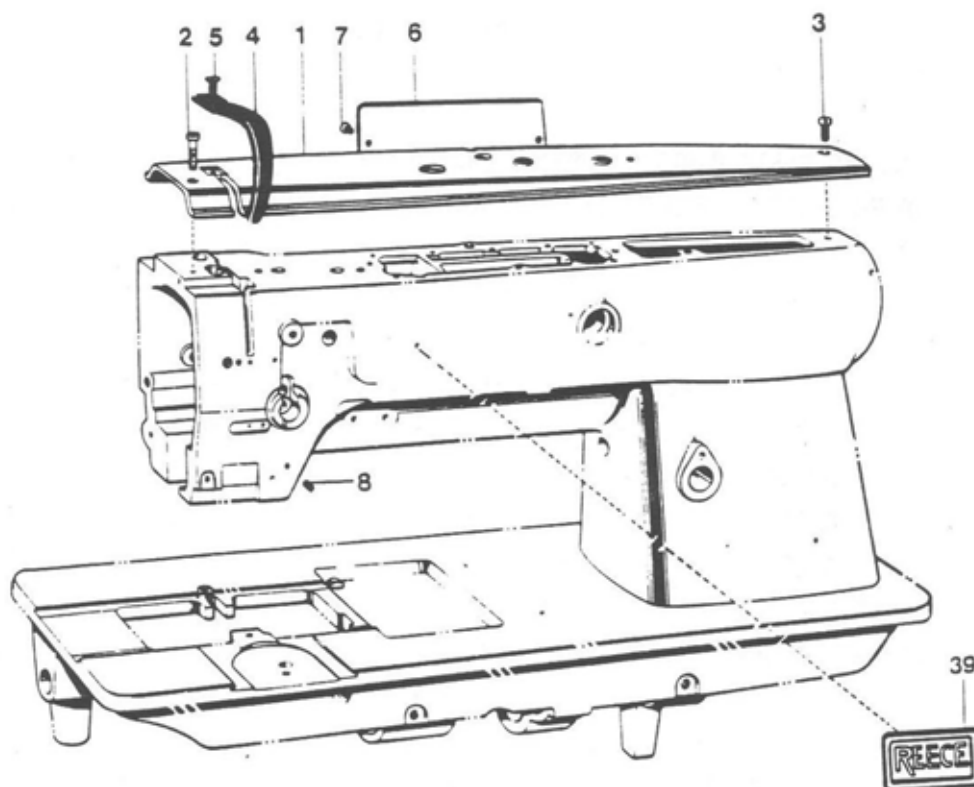


Illustrated Parts Manual

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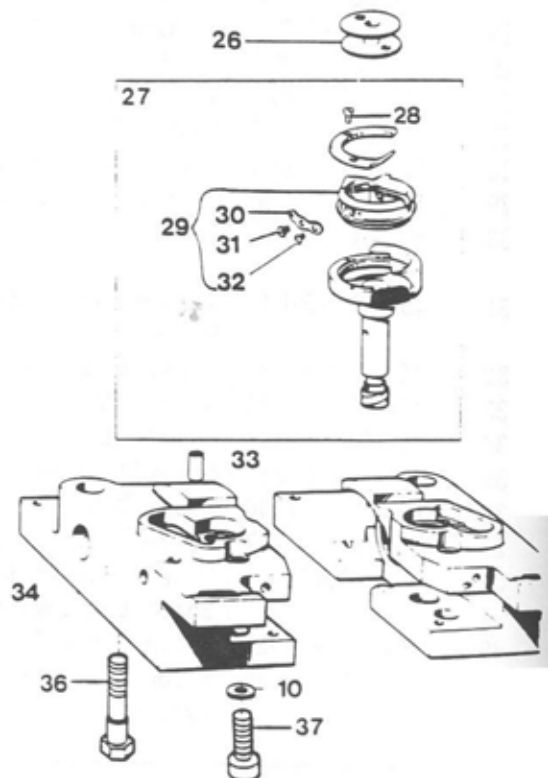
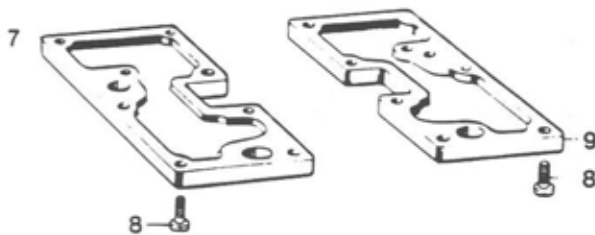
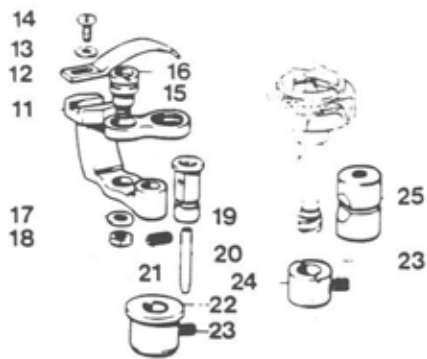
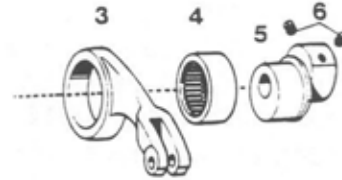
MACHINE BASIC PARTS & THREAD TENSION

Det. No	Parts No	Description
1	46-1001-5-001	Arm Top Cover
2	46-1000-8-200	Screw(4.37-40×16)
3	46-1000-8-201	Screw(4.37-40×16)
4	46-1001-5-000	Take-up Cover
5	46-1000-8-228	Screw(4.76)
6	46-1001-5-002	Rear Cover
7	46-1000-8-202	Screw(3.57-40×6)
8	46-1000-8-245	Screw(4.37)
9	46-1001-5-003	Thread Guide
10	46-1000-8-252	Nut(5.95)
11	46-1001-5-019	Stop
12	46-1001-5-020	Thread Guide(Upper)
13	46-1000-8-229	Screw(3.57)
14	46-1000-8-203	Screw(3.57)
15	46-1001-5-021	Thread Guide(Center)
16	46-1001-5-022	Pipe
17	46-1001-5-023	Tension Release Bar
18	46-1001-5-111	Upper Tension Control Assembly
19	46-1001-5-017	Tension Stud
20	46-1001-5-018	Take-up Spring
21	46-1001-5-016	Spring Guide Assembly
22	46-1000-8-204	Screw(2.38)
23	46-1001-5-110	Tension Stud
24	46-1001-5-011	Tension Disc
25	46-1001-5-010	Tension Disc Washer
26	46-1001-5-009	Tension Spring
27	46-1000-8-256	Tension Control Nut
28	46-1001-5-014	Release Plate
29	46-1000-8-224	Stud Screw(3.57)
30	46-1001-5-013	Pin
31	46-1001-5-012	Pin
32	46-1001-5-015	Release Spring
33	46-1001-5-005	Cap
34	46-1001-5-006	Thread Guide Spring
35	46-1001-5-007	Disc
36	46-1001-5-008	Thread Guide Bracket
37	46-1000-8-225	Stud Screw
38	46-1000-8-253	Nut(3.57)
39	05-1116-0-000	Decal

UPPER SHAFT & NEEDLE BAR ROCKING MECHANISM

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-5-036	Upper Shaft	41	46-1000-8-238	Screw(5.16)
2	46-1001-5-035	Bushing(Left)	42	46-1001-5-183	Rock Shaft Stop
3	46-1000-8-233	Screw(5.95)	43	46-1001-5-184	Pinch Sleeve
4	46-1001-5-033	Counter Weight	44	46-1000-9-753	Screw(M6-1×30)
5	46-1000-8-205	Screw(7.14)			
6	46-1000-8-206	Screw(7.14)			
7	46-1001-5-034	Thrust Ring			
8	46-1001-5-031	Needle Bar Crank			
9	46-1000-8-234	Screw(6.35)			
10	46-1000-8-235	Screw(6.35)			
11	46-1001-5-028	Thread Take-up			
12	46-1001-5-027	Stud			
13	46-1000-8-233	Screw(5.95)			
14	46-1001-5-029	Take-up Slide Block			
15	46-1001-5-030	Pusher			
16	46-1001-5-042	Pulley			
17	46-1000-8-233	Screw(5.95)			
18	46-1001-5-041	Bearing(6204)			
19	46-1001-5-039	Timing Belt Wheel (Upper) Assembly			
20	.....	.....			
21	46-1000-8-236	Screw(6.35×12)			
22	46-1000-8-237	Screw(6.35×12)			
23	46-1001-5-038	Timing Belt			
24	46-1001-5-037	Bushing (Center)			
25	46-1000-8-233	Screw(5.95)			
26	46-1001-5-040	Stop Ring			
27	46-1001-5-032	Pusher			
28	46-1001-5-050	Crank Rod Assembly			
29	46-1001-5-048	Needle Bar Support			
30	46-1001-5-109	Taper Pin			
31	46-1001-5-049	Needle Bar Guide Plate			
32	46-1000-8-230	Screw(2.38)			
33	46-1001-5-044	Needle Bar			
34	46-1001-5-045	Needle Bar Clamp			
35	46-1000-8-207	Screw(3.57-40×8)			
36	46-1001-5-046	Crank Rod			
37	46-1001-5-047	Guide Slide Block			
38	46-1001-5-051	Needle Bar Rock Shaft Bushing(Left)			
39	46-1001-5-025	Slide Plate(Right)			
40	46-1001-5-026	Slide Plate Front Assembly			

3



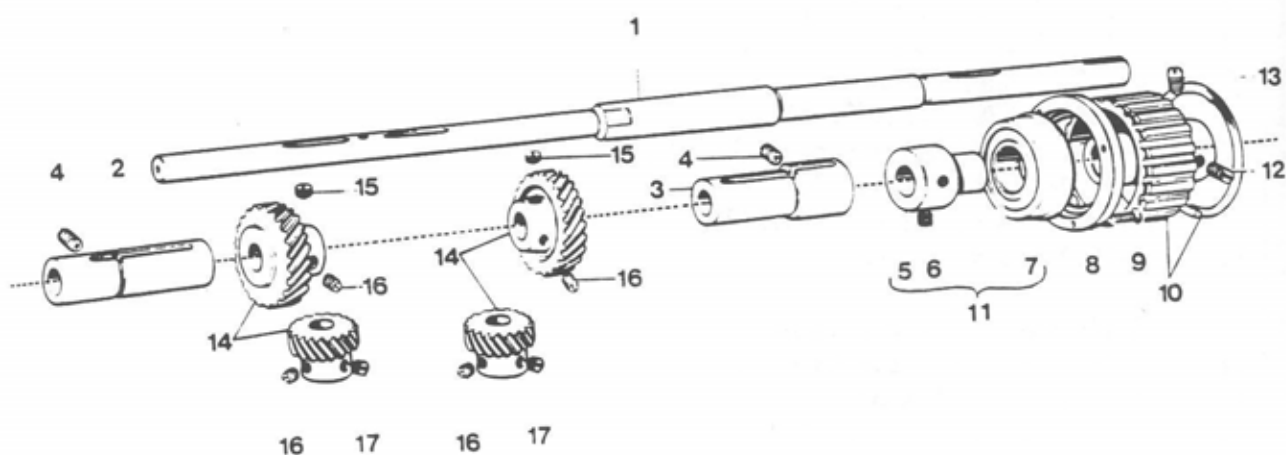
ROTARY HOOK

Det. No	Parts No	Description
1	46-1001-5-054	Bushing
2	46-1000-8-289	Screw(5.95)
3	46-1001-5-056	Connecting Rod
4	46-1001-5-057	Needle Bearing
5	46-1001-5-058	Eccentric Wheel
6	46-1000-8-239	Screw(5.95)
7	46-1001-5-084	Oil Reservoir(Left)
8	46-1000-8-208	Screw(4.76)
9	46-1001-5-088	Oil Reservoir(Right)
10	46-1000-8-258	Washer
11	46-1001-5-069	Opener Crank
12	46-1001-5-068	Bobbin Case Opener
13	46-1000-8-259	Washer
14	46-1000-8-207	Screw(3.57-40×8)
15	46-1001-5-070	Opener Link
16	46-1001-5-071	Link Stud Opener
17	46-1000-8-257	Washer(4.76)
18	46-1000-8-254	Nut(4.76)
19	46-1001-5-072	Opener Crank Stud
20	46-1001-5-073	Pipe
21	46-1000-8-241	Screw(4.76)
22	46-1001-5-074	Rotary Hook Shaft Bushing(Lower)
23	46-1000-8-240	Screw(4.76)
24	46-1001-5-075	Rotary Hook Shaft Bushing(Upper)
25	46-1001-5-076	Pinch Sleeve
26	46-1001-5-081	Bobbin
27	46-1001-5-112	Outer Rotary Hook Assembly
28	46-1000-8-232	Screw
29	46-1001-5-079	Inner Rotary Hook Assembly
30	46-1001-5-078	Adjusting Spring
31	46-1000-8-209	Adjusting Screw
32	46-1000-8-210	Screw
33	46-1001-5-086	Oil Pipe
34	46-1001-5-082	Rotary Hook Base(L)
35	46-1001-5-087	Rotary Hook Base(R)
36	46-1000-6-195	Screw(15/64-28×31)
37	46-1000-6-197	Screw(1/4-24×22)

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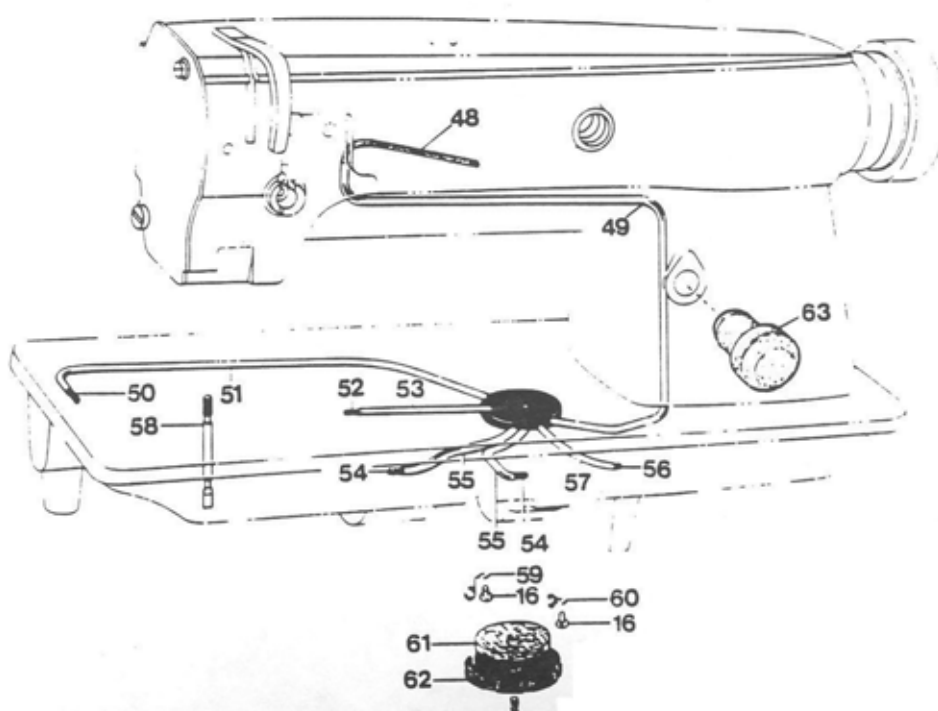
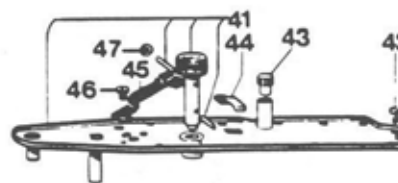
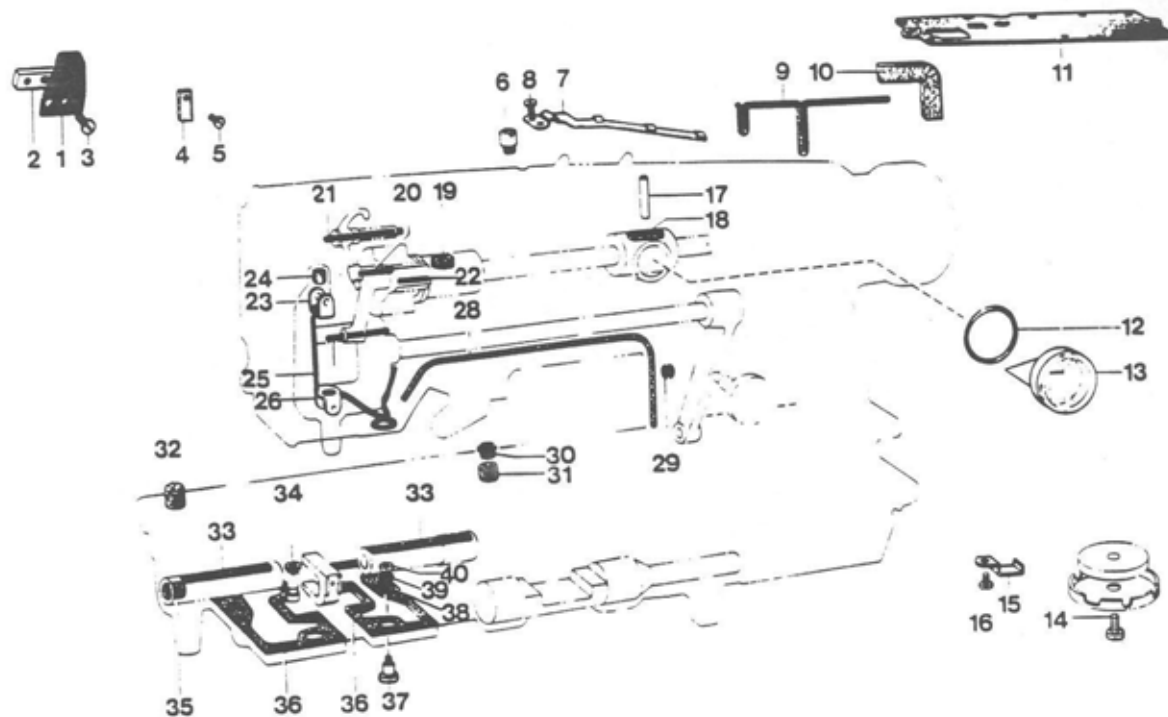
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LOWER SHAFT

Det. No	Parts No	Description
1	46-1001-5-059	Lower Shaft
2	46-1001-5-060	Rotary Hook Base Bushing(Left)
3	46-1001-5-061	Rotary Hook Base Bushing(Right)
4	46-1000-8-239	Screw(5.95)
5	46-1001-5-062	Bearing Holder
6	46-1000-8-242	Screw(6.35×7)
7	46-1001-5-063	Bushing
8	46-1001-5-065	Presser
9	46-1000-8-231	Screw(3.57×12)
10	46-1001-5-066	Timing Belt Wheel (Lower) Assembly
11	46-1001-5-064	Bearing Holder Assembly
12	46-1000-8-237	Screw(6.35×12)
13	46-1000-8-236	Screw(6.35×12)
14	46-1001-5-067	Spiral Gear Assembly
15	46-1000-8-243	Screw(6.35)
16	46-1000-8-235	Screw(6.35)
17	46-1000-8-234	Screw(6.35)

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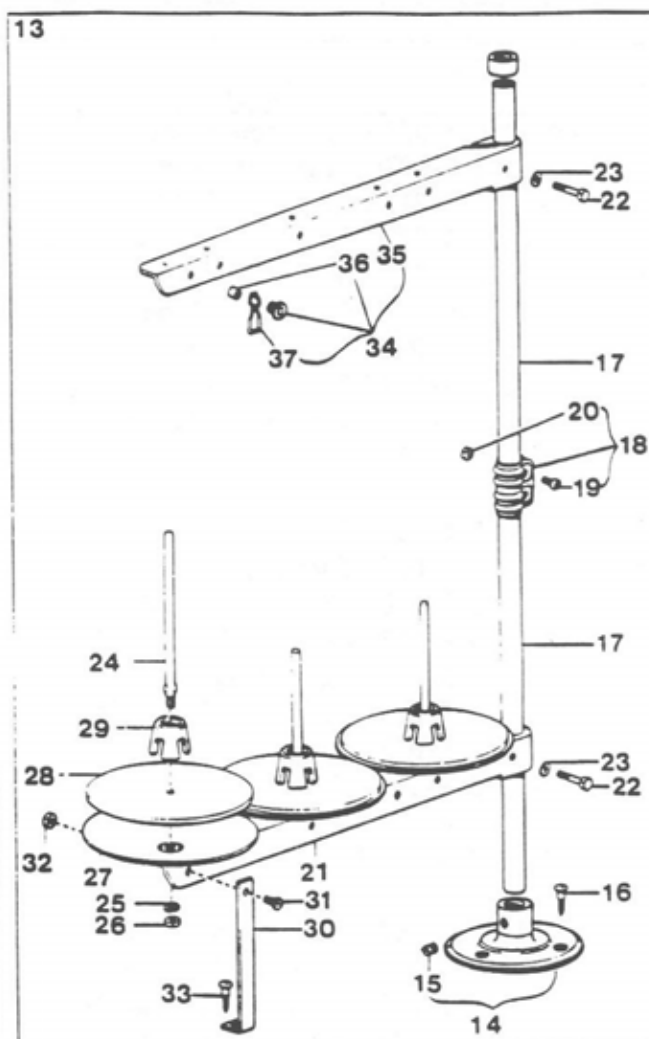
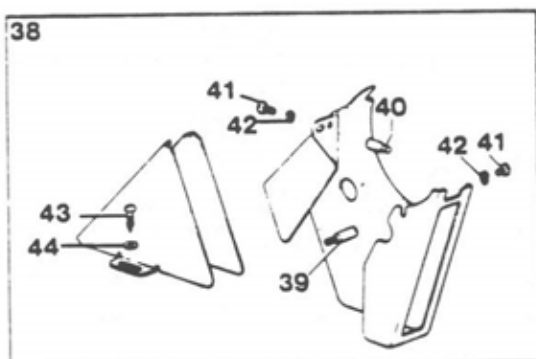
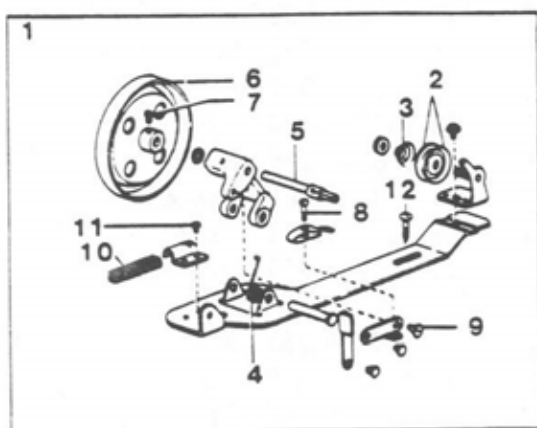


LUBRICATION COMPONENTS

Det. No	Parts No	Description
1	46-1001-5-096	Oil Stop Plate
2	46-1001-5-097	Plate Presser
3	46-1000-8-211	Screw(4.76-32×8)
4	46-1000-8-277	Felt
5	46-1000-8-215	Screw(3.57×6)
6	46-1000-8-248	Oil Guide Tube
7	46-1001-5-094	Wick Holder
8	46-1000-8-212	Screw(3.18)
9	46-1000-8-267	Wick 4×4 (2.5cm)
10	46-1000-8-273	Felt
11	46-1001-5-093	Packing
12	46-1001-5-095	Packing(P16)
13	46-1001-5-108	Oil Gauge Window
14	46-1000-8-213	Screw(4.76-32×10)
15	46-1001-5-091	Felt Presser
16	46-1000-8-214	Screw(3.57-40×5)
17	46-1001-5-073	Pipe
18	46-1000-8-279	Felt
19	46-1000-8-274	Felt
20	46-1000-8-272	Wick 3×3 (3cm)
21	46-1000-8-269	Wick 6×6 (10cm)
22	46-1000-8-268	Wick 4×4 (12cm)
23	46-1001-5-052	Felt Support(Upper)
24	46-1001-5-043	Needle Bar Cap
25	46-1000-8-266	Wick 4×4 (35cm)
26	46-1001-5-053	Felt Support(Lower)
27	46-1000-8-271	Wick 4×4 (5cm)
28	46-1000-8-270	Wick 4×4 (85cm)
29	46-1001-5-104	Cap
30	46-1001-5-098	Oil Cap
31	46-1000-8-275	Felt
32	46-1000-8-276	Felt
33	46-1000-8-278	Felt
34	46-1000-8-280	Felt
35	46-1000-8-281	Felt
36	46-1001-5-083	Packing
37	46-1000-8-226	Oil Adjusting Screw
38	46-1000-8-260	Washer
39	46-1000-8-264	Spring Washer
40	46-1000-8-255	Nut(4.37)

Det. No	Parts No	Description
41	46-1001-5-089	Oil Receiver Plate Assembly
42	46-1000-8-202	Screw(3.57-40×6)
43	46-1001-5-092	Cap for Oil Inlet
44	46-1001-5-091	Felt Presser
45	46-1001-5-090	Spring Plate
46	46-1000-8-216	Screw(3.57-40×4)
47	46-1000-8-261	Washer
48	46-1000-8-282	Wick 4×4 (75cm)
49	46-1001-5-099	Oil Tube
50	46-1000-8-283	Wick 4×4 (33cm)
51	46-1001-5-100	Oil Tube
52	46-1000-8-284	Wick 4×4 (40cm)
53	46-1001-5-101	Oil Tube
54	46-1000-8-285	Wick 4×4 (15cm)
55	46-1001-5-102	Oil Tube
56	46-1000-8-286	Wick 4×4 (45cm)
57	46-1001-5-103	Oil Tube
58	46-1001-5-085	Oil Gauge
59	46-1001-5-107	Tube Holder
60	46-1001-5-106	Tube Holder
61	46-1000-8-287	Oil Felt
62	46-1001-5-105	Oil Pipe Support
63	46-1002-0-758	Oil Shield

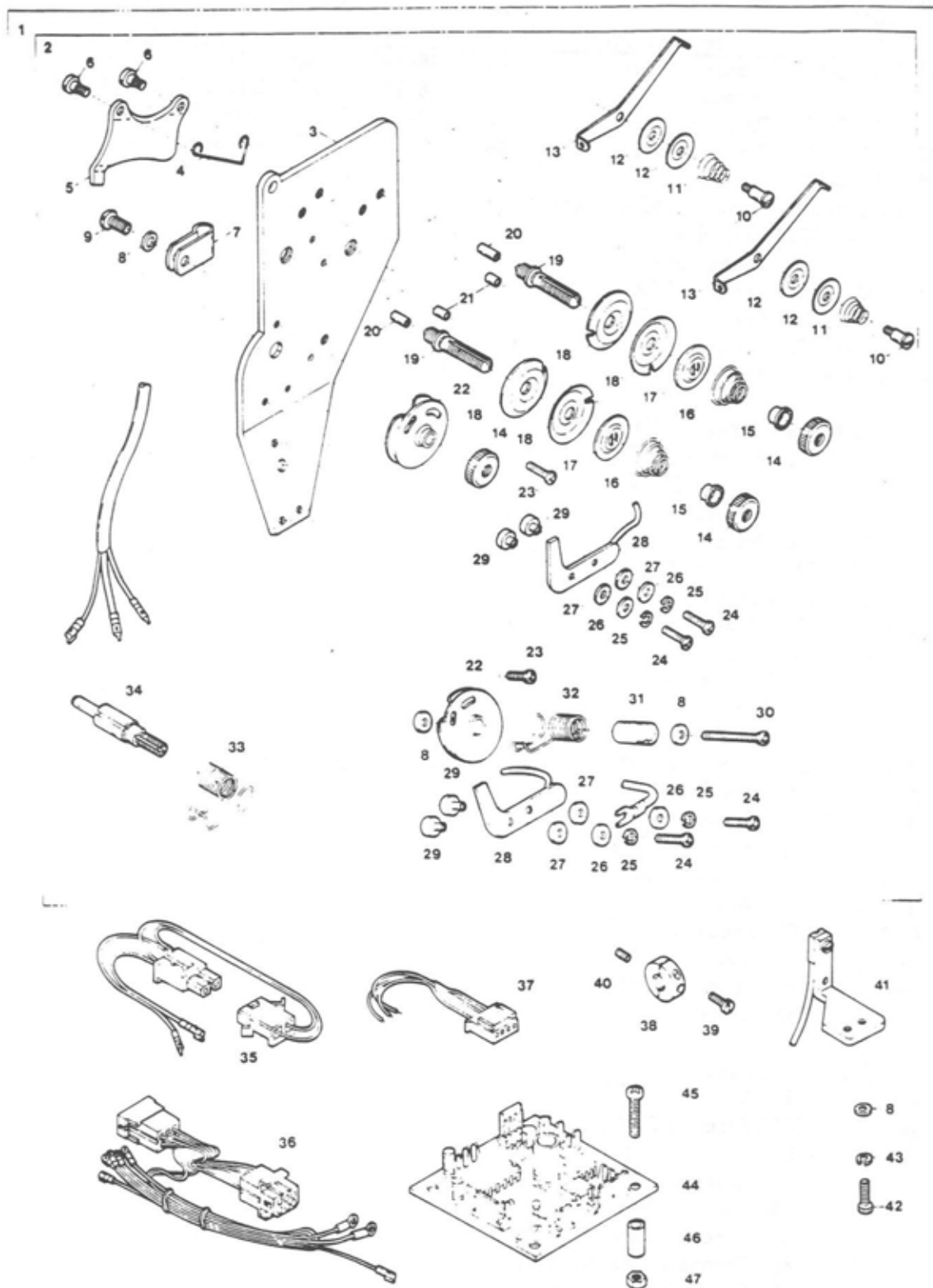
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THREAD STAND, BOBBIN WINDER, BELT COVER

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-5-174	Bobbin Winder Assembly	41	46-1000-8-223	Screw(4.37-40×8)
2	46-1001-5-170	Tension Disc	42	46-1000-8-264	Spring Washer(4.37)
3	46-1001-5-169	Tension Spring	43	46-1000-8-246	Screw(5.5×20)
4	46-1001-5-171	Spring	44	46-1000-8-263	Washer(5.56)
5	46-1001-5-168	Bobbin Winder Shaft			
6	46-1001-5-173	Bobbin Winder Wheel Assembly			
7	46-1000-8-217	Screw(4.37×5)			
8	46-1000-8-218	Screw(3.18)			
9	46-1000-8-227	Stud Screw(3.18)			
10	46-1001-5-172	Stop			
11	46-1000-8-219	Screw(3.57×3.5)			
12	46-1000-8-246	Screw(5.5×20)			
13	46-1001-5-167	Thread Stand Assembly			
14	46-1001-5-166	Base Assembly			
15	46-1000-8-244	Screw(6×7)			
16	46-1000-8-247	Screw(4.5×22)			
17	46-1001-5-157	Pipe			
18	46-1001-5-158	Joint			
19	46-1000-8-220	Screw(5×14)			
20	46-1000-8-251	Nut(5)			
21	46-1001-5-164	Spool Holder			
22	46-1000-8-221	Bolt(5×28)			
23	46-1000-8-262	Washer(5)			
24	46-1001-5-159	Spool Shaft(B)			
25	46-1000-8-265	Spring Washer			
26	46-1000-8-251	Nut(5)			
27	46-1001-5-162	Spool Stand Base			
28	46-1001-5-161	Spool Mat			
29	46-1001-5-160	Spool Cushion			
30	46-1001-5-163	Support			
31	46-1000-8-222	Screw(5×10)			
32	46-1000-8-251	Nut(5)			
33	46-1000-8-247	Screw(4.5×22)			
34	46-1001-5-156	Thread Hanger Assembly			
35	46-1001-5-164	Spool Holder			
36	46-1001-5-181	Thread Bushing			
37	46-1001-5-182	Thread Guide Spring			
38	46-1001-5-175	Belt Cover Assembly			
39	46-1000-8-249	Belt Cover Stud(B)			
40	46-1000-8-250	Belt Cover Stud(D)			

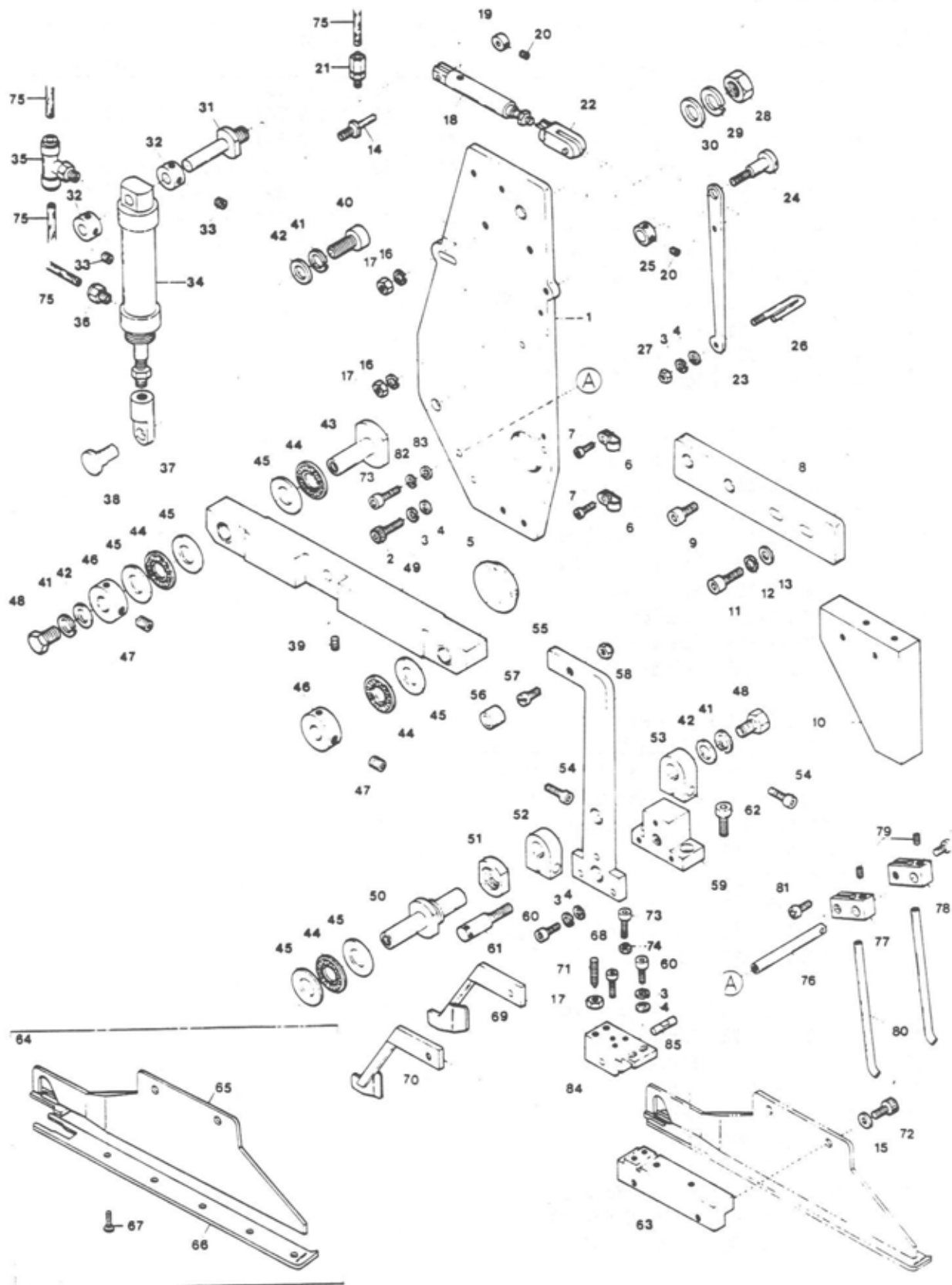
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THREAD MONITOR

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-5-431	Thread Monitor Complete	41	46-1001-5-433	IC Unit
2	46-1001-5-432	Thread Tension Complete	42	46-1000-9-748	Screw(M4-0.7×12)
3	46-1001-5-420	Thread Tension Plate	43	46-1000-0-644	Spring Washer
4	46-1001-5-015	Release Spring	44	46-1001-4-948	Circuit Board
5	46-1001-5-014	Release Plate	45	46-1000-9-993	Screw(M3-0.5×16)
6	46-1000-8-224	Stud (3.57)	46	46-1001-0-914	Support
7	46-1006-0-248	Cord Clamp(φ 5.3-3N)	47	46-1000-0-012	Nut
8	46-1000-0-665	Washer			
9	46-1000-4-127	Screw(M4-0.7×6)			
10	46-1000-1-092	Screw(1/8-44×3)			
11	46-1009-3-514	Tension Spring			
12	46-1003-7-108	Tension Disc			
13	46-1009-3-535	Thread Guide			
14	46-1000-0-182	Adjusting Nut			
15	46-1002-0-126	Spring Bushing			
16	46-1008-5-276	Tension Spring			
17	46-1008-0-705	Spring Washer			
18	46-1008-0-232	Tension Disc			
19	46-1000-9-804	Tension Post			
20	46-1001-5-425	Release Pin			
21	46-1000-0-038	Stop Pin			
22	46-1001-5-016	Spring Guide Assmly			
23	46-1000-9-805	Screw(M2.5-0.45×8)			
24	46-1000-9-956	Screw(M3-0.5×10)			
25	46-1000-0-002	Spring Washer			
26	46-1000-0-014	Washer			
27	46-1000-0-257	Washer			
28	46-1001-5-421	Sensing Plate			
29	46-1001-4-979	Insulating Bushing			
30	46-1000-9-883	Screw(M4-0.7×25)			
31	46-1001-5-422	Spring Sleeve			
32	46-1001-5-423	Spring(Right)			
33	46-1001-5-424	Spring(Left)			
34	46-1001-5-113	Tension Post			
35	46-1001-1-304	Power Cord			
36	46-1001-1-305	Signal Cord			
37	46-1001-1-306	Switch Cord			
38	46-1001-5-427	Magnet Ring Unit			
39	46-1000-7-609	Screw(9/64-40×9)			
40	46-1000-9-209	Screw(11/64-40×9)			

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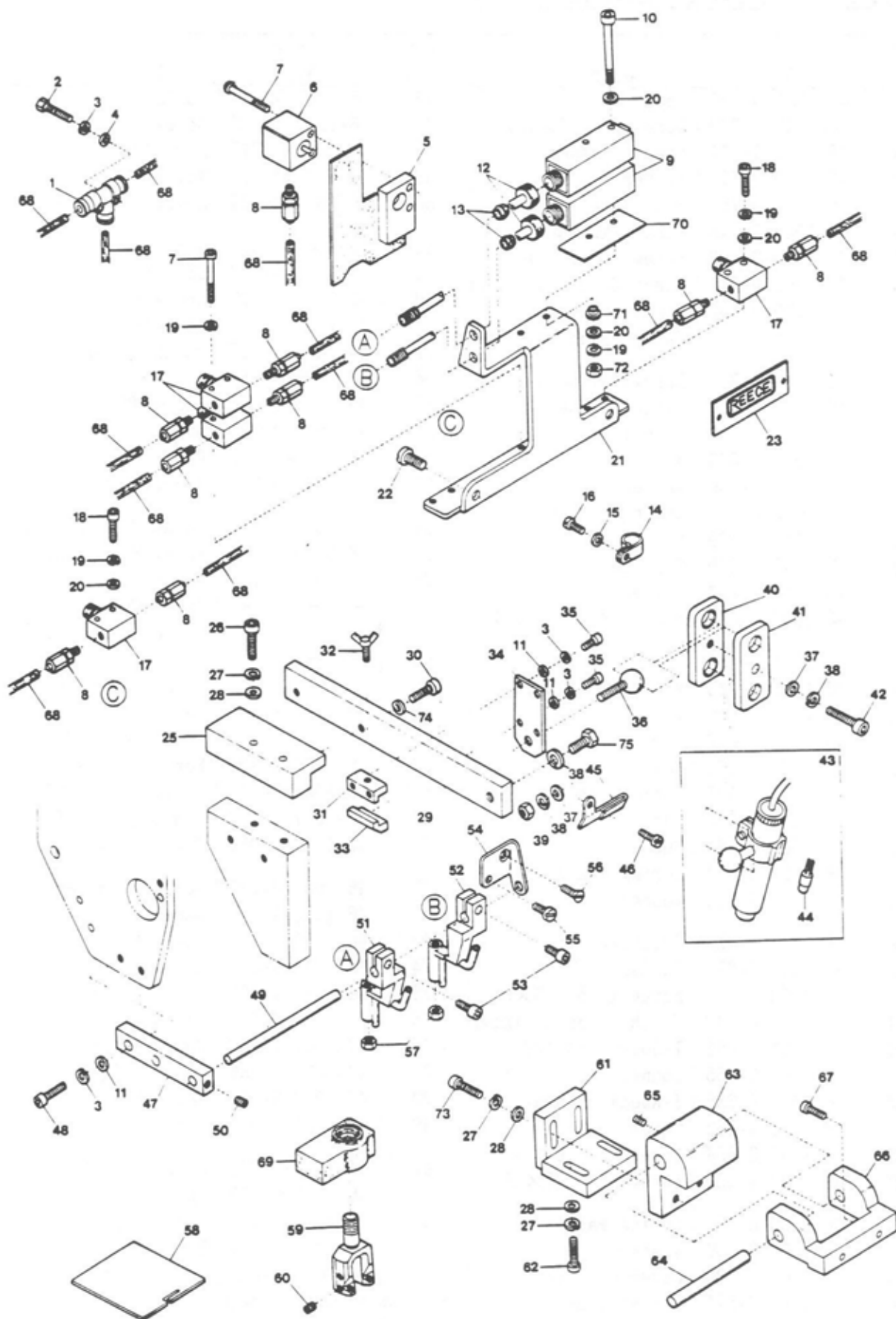
Revised 08/2006

e-mail: service@amfreece.cz; parts@amfreece.cz; website: www.amfreece.com
Phone: +420 582 309 146 (Service), +420 582 309 286 (Spare Parts); Fax: +420 582 360 606

PATCH GUIDE MECHANISM

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-4-546	Head Cover	46	46-1007-7-286	Collar
2	46-1000-9-749	Screw(M4-0.7×16)	47	46-1000-3-635	Screw(1/4-40×6)
3	46-1000-0-644	Spring Washer	48	46-1000-9-777	Screw(M8-1.25×14)
4	46-1000-0-665	Washer	49	46-1001-4-536	Moving Lever
5	46-1002-0-759	Seal Plug	50	46-1001-4-527	Lever Pin(Front)
6	46-1006-0-248	Cord Clamp(φ 5.3-3N)	51	46-1001-4-526	Nut
7	46-1000-9-956	Screw(M3-0.5×10)	52	46-1001-4-520	Collar(Left)
8	46-1001-4-534	Patch Guide Cam Arm	53	46-1001-4-519	Collar(Right)
9	46-1000-9-980	Screw(M6-1×10)	54	46-1000-9-935	Screw(M5-0.8×20)
10	46-1001-4-976	Patch Guide Cam	55	46-1001-4-215	Patch Guide Lever
11	46-1000-9-970	Screw(M6-1×20)	56	46-1001-4-186	Cam Roller
12	46-1000-0-667	Spring Washer	57	46-1000-6-186	Screw(M6-1×10)
13	46-1000-0-663	Washer	58	46-1000-0-063	Nut
14	46-1001-4-539	Wiper Lever Pin	59	46-1001-4-222	Patch Guide Holder
15	46-1000-0-669	Washer	60	46-1000-9-748	Screw(M4-0.7×12)
16	46-1000-0-600	Spring Washer	61	46-1000-6-191	Screw(M8-1.25×12)
17	46-1000-0-009	Nut	62	46-1000-6-210	Screw(M6-1×12)
18	46-1001-0-249	Cylinder	63	46-1001-4-223	Mount Block
19	46-1008-0-714	Collar	64	-----	Patch Guide, C. (See Page 35,36)
20	46-1000-3-637	Screw(1/8-44×2.5)	65	-----	Patch Guide(Upper) (See Page 35,36)
21	46-1001-0-258	Joint	66	-----	Patch Guide(Lower) (See Page 35,36)
22	46-1001-0-283	Y-Knuckle (3mm)	67	46-1000-9-734	Screw(M2-0.4×4.8)
23	46-1001-4-566	Wiper Lever	68	46-1000-9-745	Screw(M3-0.5×15)
24	46-1000-6-192	Screw(M5-0.8×21)	69	46-1001-4-957	Jumping Guide(Right)
25	46-1009-4-562	Collar	70	46-1001-4-958	Jumping Guide(Left)
26	46-1001-4-525	Wiping Bar	71	46-1001-4-535	Spring Plunger
27	46-1000-0-015	Nut	72	46-1000-9-751	Screw(M5-0.8×10)
28	46-1000-0-260	Nut	73	46-1000-9-744	Screw(M3-0.5×10)
29	46-1000-0-439	Spring Washer	74	46-1000-0-012	Lock Nut
30	46-1000-0-612	Washer	75 ※	46-1001-0-260	Air Tubing(4×2.5mm)
31	46-1001-4-523	Cylinder Pin	76	47-1001-4-968	Air Nozzle Shaft
32	46-1007-7-296	Collar	77	47-1001-4-967	Holder(Left)
33	46-1000-7-650	Screw(11/64-40×5)	78	47-1001-4-966	Holder(Right)
34	46-1001-0-247	Patch Guide Cylinder	79	46-1000-9-735	Screw(M4-0.7×4)
35	46-1001-0-056	T-Joint(φ 4-1/8)	80	47-1001-4-965	Air Nozzle
36	46-1001-0-055	Connector(φ 4-1/8)	81	46-1000-9-779	Screw(M3-0.5×6)
37	46-1001-0-285	I-Knuckle (8mm)	82	46-1000-0-002	Spring Washer
38	46-1001-4-533	Connecting Pin	83	46-1000-0-014	Washer
39	46-1000-3-659	Screw(M5-0.8×5)	84	46-1001-4-537	Block(10mm)
40	46-1000-9-936	Screw(M8-1.25×20)	85	46-1001-4-521	Shaft(10mm)
41	46-1000-0-676	Spring Washer	※ Specify Length		
42	46-1000-0-666	Washer			
43	46-1001-4-524	Lever Pin(Rear)			
44	46-1001-4-571	Thrust Bearing			
45	46-1001-4-572	Spacer			

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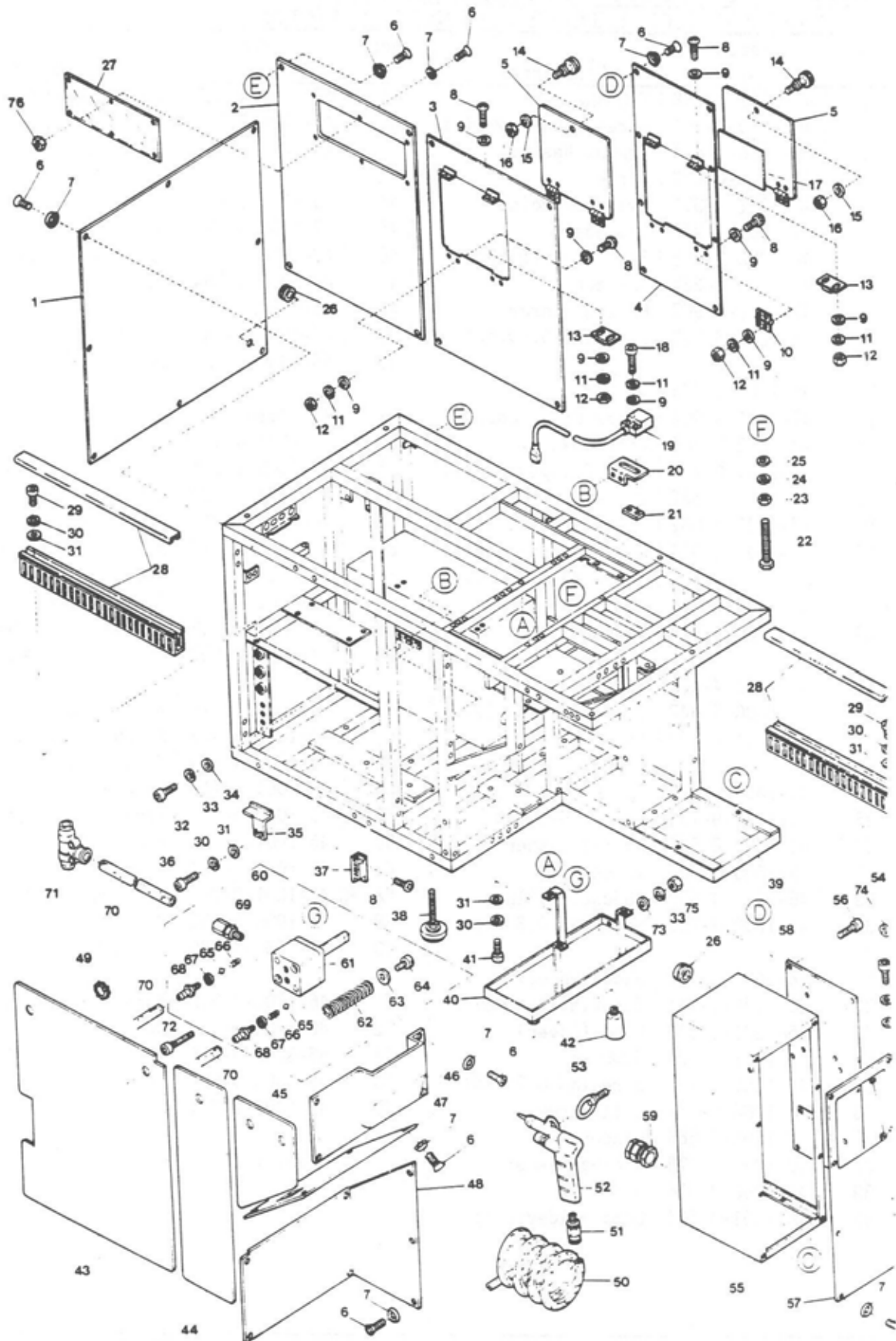
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**PHOTO OPTICS, TENSION RELEASE,
LOCATING LIGHT, HINGE PARTS**

Det. No	Parts No	Description	Det. No	Parts No	Description
1	47-1001-0-288	T-Connector	41	46-1001-4-225	Lamp Holder(Right)
2	46-1000-4-104	Screw(9/64-40×18.8)	42	46-1000-9-758	Screw(M8-1.25×30)
3	46-1000-0-644	Spring Washer	43	46-1001-0-901	Work Locating Lamp, Complete
4	46-1000-0-532	Washer	44	46-1001-0-920	Lamp
5	46-1001-4-971	Cylinder Holder	45	47-1001-4-413	Needle Thread Eyelet
6	46-1001-0-246	Cylinder	46	46-1000-5-000	Screw(9/64-40×5.7)
7	46-1000-9-768	Screw(M3-0.5×30)	47	47-1001-4-964	Shaft Holder(Left)
8	46-1001-0-258	Connector	48	46-1000-9-749	Screw(M4-0.7×16)
9	47-1001-0-907	Optics Senser	49	47-1001-4-432	Shaft
10	46-1000-6-236	Screw(M3-0.5×50)	50	46-1000-3-656	Screw(M3-0.5×3)
11	46-1000-0-665	Washer	51	47-1001-4-951	Holder(Left)
12	47-1001-0-908	Glass Fiber Unit	52	47-1001-4-950	Holder(Right)
13	47-1002-1-465	Cord Bushing	53	46-1000-9-746	Screw(M4-0.7×8)
14	46-1001-0-721	Cord Clamp(φ 19-11N)	54	47-1001-4-963	Shaft Holder(Right)
15	46-1000-0-532	Washer	55	46-1000-9-604	Screw(11/64-40×5.5)
16	46-1000-4-352	Screw(9/64-40×11.3)	56	46-1000-9-127	Screw(11/64-40×8)
17	46-1001-0-054	Speed Controller	57	46-1000-1-124	Nut
18	46-1000-9-745	Screw(M3-0.5×15)	58	46-1001-4-408	Slide Plate
19	46-1000-0-002	Spring Washer	59	46-1001-4-433	Needle Head(10mm)
20	46-1000-0-014	Washer	60	46-1000-3-637	Screw(1/8-44×2.5)
21	47-1001-4-428	Support	61	46-1001-4-425	Hinge(Lower)
22	46-1000-4-642	Screw(1/4-24×12)	62	46-1000-9-977	Screw(M6-1×25)
23	46-1001-4-409	Name Plate	63	46-1001-4-424	Hinge(Middle)
24	.....	.....	64	46-1001-4-411	Hinge Shaft
25	46-1001-4-529	Block	65	46-1000-9-736	Screw(M4-0.7×6)
26	46-1000-9-753	Screw(M6-1×30)	66	46-1001-4-423	Hinge(Upper)
27	46-1000-0-667	Spring Washer	67	46-1000-5-061	Screw(1/4-24×16.7)
28	46-1000-0-663	Washer	68 ※	46-1001-0-260	Air Tubing(4×2.5mm)
29	46-1001-4-530	Adjusting Plate	69	46-1001-4-972	Rubber
30	46-1000-9-752	Screw(M5-0.8×15)	70	47-1001-4-980	Insulator
31	46-1001-4-531	Block(Upper)	71	46-1001-4-979	Insulating Bushing
32	46-1000-9-911	Screw(M5-0.8×8)	72	46-1000-0-012	Nut
33	46-1001-4-532	Block(Lower)	73	46-1000-9-970	Screw(M6-1×20)
34	46-1001-4-528	Support	74	46-1000-0-669	Washer
35	46-1000-9-747	Screw(M4-0.7×10)	75	46-1000-9-777	Screw(M8-1.25×14)
36	46-1000-6-187	Ball Screw			
37	46-1000-0-666	Washer			
38	46-1000-0-676	Spring Washer			
39	46-1000-0-016	Nut			
40	46-1001-4-224	Lamp Holder(Left)			

※ Specify Length.

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FRAME & COVERS

Det. No.	Parts No	Description
1	46-1001-4-728	Cover
2	46-1001-4-583	Cover
3	46-1001-4-730	Cover
4	46-1001-4-814	Cover
5	46-1001-4-515	Cover
6	46-1000-9-774	Screw(M4-0.7×9.7)
7	46-1000-0-670	Washer
8	46-1000-6-233	Screw(M3-0.5×7)40
9	46-1000-0-014	Washer
10	.....	.....
11	46-1000-0-002	Spring Washer
12	46-1000-0-012	Nut
13	46-1001-4-721	Magnetic Stop
14	46-1000-6-434	Finger Knob
15	46-1000-0-532	Washer
16	46-1000-0-335	Nut
17	46-1000-2-484	Decal
18	46-1000-9-745	Screw(M3-0.5×15)
19	46-1001-0-902	Sensing Switch
20	46-1001-4-779	Switch Support
21	46-1001-4-780	Nut Plate
22	46-1000-6-232	Bolt(M8-1.25×80)
23	46-1000-0-016	Nut
24	46-1000-0-676	Spring Washer
25	46-1000-0-666	Washer
26	46-1001-0-958	Cord Bushing
27	46-1001-4-584	Sight Window
28	46-1001-1-415	Cord Duct(280mm)
	46-1001-1-416	" (430mm)
	46-1001-1-417	" (460mm)
	46-1001-1-418	" (490mm)
	46-1001-1-419	" (540mm)
29	46-1000-9-974	Screw(M4-0.7×8)
30	46-1000-0-644	Spring Washer
31	46-1000-0-665	Washer
32	46-1000-9-752	Screw(M5-0.8×15)
33	46-1000-0-600	Spring Washer
34	46-1000-0-669	Washer
35	46-1001-4-715	Switch Cover
36	46-1000-9-747	Screw(M4-0.7×10)
37	46-1001-4-719	Magnetic Stop
38	46-1001-5-228	Adjustable Foot
39	46-1001-4-915	Frame
40	46-1001-4-770	Oil Pan

Det. No	Parts No	Description
41	46-1000-9-746	Screw(M4-0.7×8)
42	46-1001-4-656	Oil Retainer
43	46-1001-4-727	Cover
44	46-1001-4-922	Cover
45	46-1001-4-926	Cover
46	46-1001-4-923	Cover
47	46-1001-4-924	Cover
48	46-1001-4-925	Cover
49	46-1001-4-824	Universal Bushing
50	46-1001-0-256	Spiral Tube(6×4mm)
51	46-1001-0-264	Connector(φ 6-1/4)
52	46-1001-0-094	Air Gun
53	46-1000-6-226	Eye Bolt
54	46-1000-0-011	Nut(M6)
55	46-1001-4-732	Control Box
56	46-1000-9-980	Screw(M6-1×10)
57	46-1001-4-812	Cover
58	46-1001-4-740	Control Box Plate
59	46-1001-0-959	Bushing
60	46-1001-5-220	Oil Return Pump, Complete
61	46-1001-0-304	Oil Return Pump
62	46-1001-4-977	Pump Cylinder Spring
63	46-1000-0-555	Washer
64	46-1000-9-751	Screw(M5-0.8×10)
65	46-1001-5-221	Steel Ball
66	46-1003-6-104	Spring
67	46-1000-0-623	Seal
68	46-1001-0-018	Connector
69	46-1001-0-258	Connector
70 ※	46-1001-0-260	Air Tubing(4×2.5mm)
71	46-1001-0-271	T-Connector
72	46-1000-6-229	Screw(M5-0.8×40)
73	46-1000-0-426	Washer
74	46-1000-0-663	Washer
75	46-1000-0-009	Nut
76	46-1000-0-015	Nut
※ Specify Lenght.		

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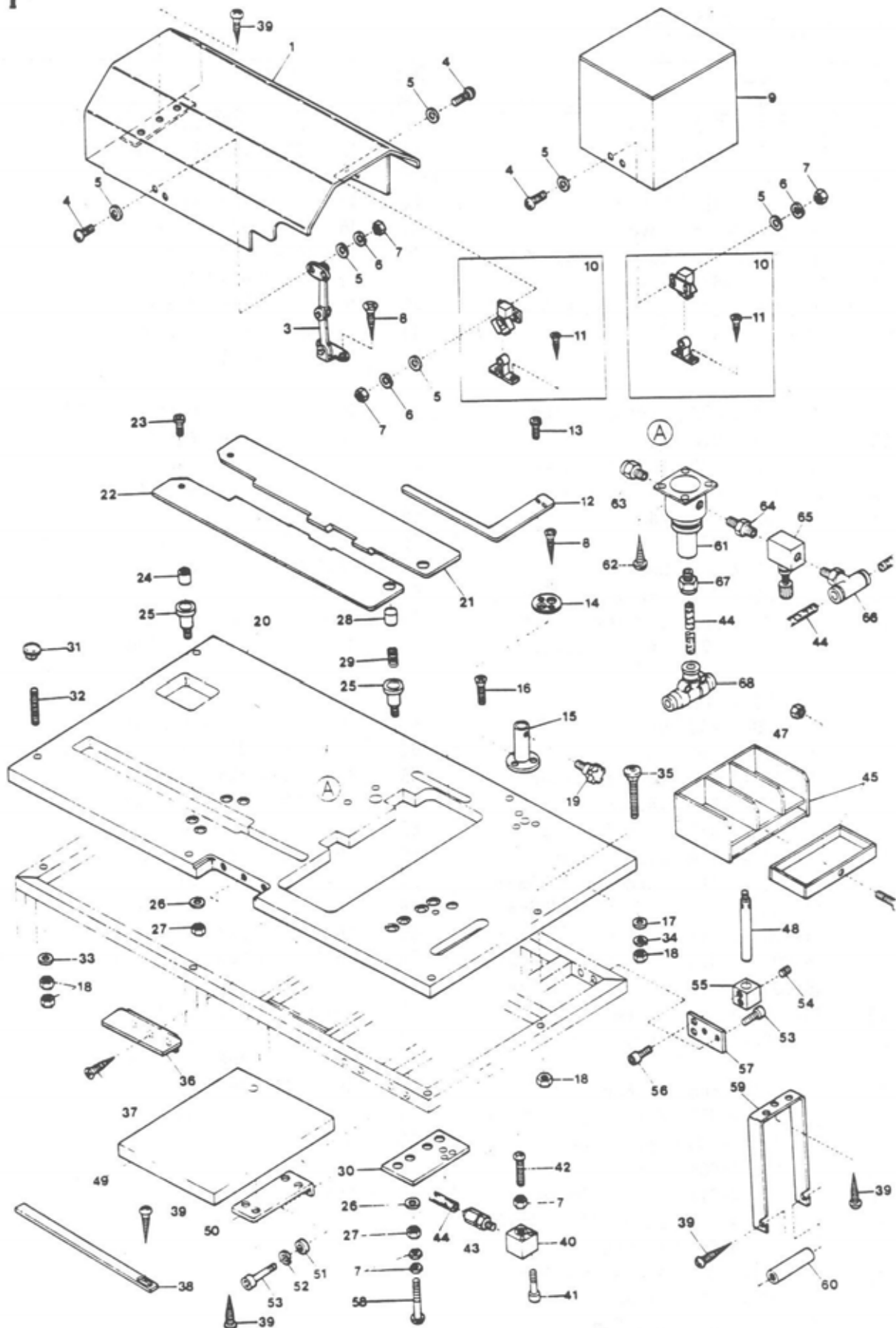
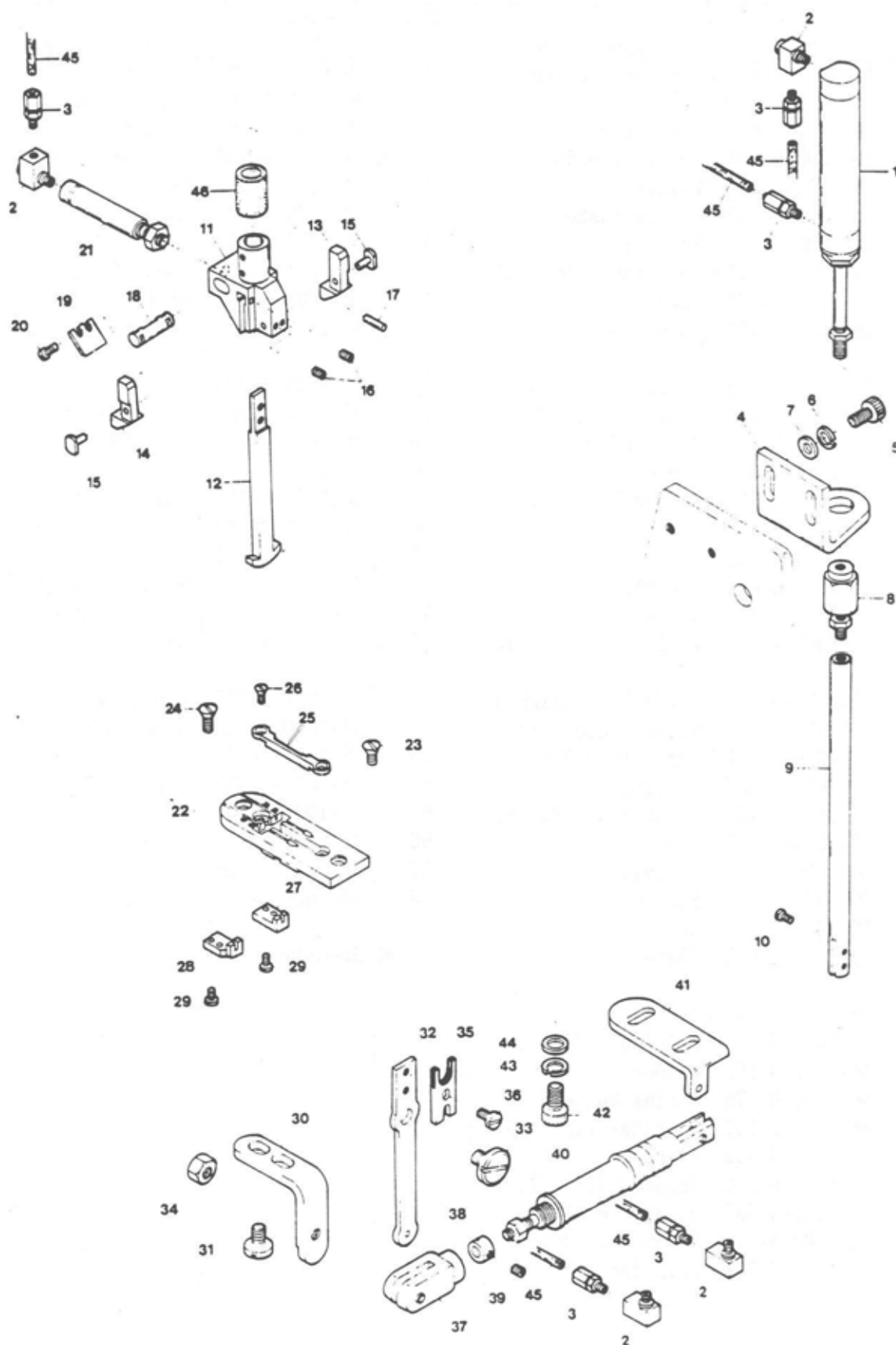


TABLE TOP & ASSOCIATE PARTS

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-4-512	Mechanism Cover	41	46-1000-9-801	Screw(M3-0.5×20)
2	.....	.....	42	46-1000-9-793	Screw(M3-0.5×35)
3	46-1001-4-655	Cover Stay	43	46-1001-0-258	Connector
4	46-1000-9-994	Screw(M3-0.5×7)	44 ※	46-1001-0-260	Air Tubing(4×2.5mm)
5	46-1000-0-014	Washer	45	46-1001-4-680	Tray
6	46-1000-0-002	Spring Washer	46	46-1000-6-444	Knob
7	46-1000-0-012	Nut(M3)	47	46-1000-0-332	Nut
8	46-1000-9-929	Screw(φ 3.5×21.5)	48	46-1001-4-302	Mount Shaft
9	46-1001-4-823	Cover	49	46-1001-4-687	Extension Table
10	46-1001-4-720	Cover Latch	50	46-1001-4-668	Support
11	46-1000-6-203	Screw(φ 2.4×16)	51	46-1000-0-428	Washer
12	46-1001-4-675	Stay Holder	52	46-1000-0-667	Spring Washer
13	46-1000-9-769	Screw(M4-0.7×3.5)	53	46-1000-9-755	Screw(M6-1×45)
14	46-1001-4-661	Plate	54	46-1000-9-740	Screw(M6-1×10)
15	46-1001-4-671	Switch Box Holder	55	46-1001-4-300	Shaft Holder
16	46-1000-6-218	Screw	56	46-1000-9-747	Screw(M4-0.7×10)
17	46-1000-0-429	Washer	57	46-1001-4-301	Support
18	46-1000-0-016	Nut(M8)	58	46-1000-6-223	Screw(M3-0.5×55)
19	46-1001-4-662	Screw	59	47-1001-4-718	Roller Bracket
20	47-1001-4-658	Table Top(8~14 mm)	60	47-1001-4-717	Roller
21	46-1001-4-635	Slide Plate(Right)	61	47-1001-0-305	Air Valve
22	46-1001-4-636	Slide Plate(Left)	62	46-1000-6-905	Screw(φ 5.1×20)
23	46-1000-9-770	Screw(M4-0.7×8)	63	46-1001-0-263	Connector(φ 6-1/8)
24	46-1001-4-032	Holding Pin	64	46-1001-0-065	Nipple(PT1/8)
25	46-1001-5-222	Slide Plate Holder	65	47-1001-0-084	Speed Control
26	46-1000-0-433	Washer	66	47-1001-0-056	T-Connector
27	46-1000-0-421	Nut(M12)	67	46-1001-0-055	Connector(φ 4-1/8)
28	46-1001-5-223	Stop Pin	68	47-1001-0-271	T-Connector
29	46-1001-4-056	Spring	※ Specify Length.		
30	46-1001-4-663	Plate			
31	46-1000-0-070	Nut			
32	46-1000-9-858	Bolt(M8-1.25×75)			
33	46-1000-0-162	Washer			
34	46-1000-0-676	Spring Washer			
35	46-1000-6-196	Bolt(M8-1.25×57)			
36	47-1001-4-659	Plate			
37	46-1000-6-209	Screw(φ 3.5×21.5)			
38	47-1001-4-657	Holder(Left)			
39	46-1000-6-905	Screw(φ 5.1×20)			
40	46-1001-0-248	Cylinder			

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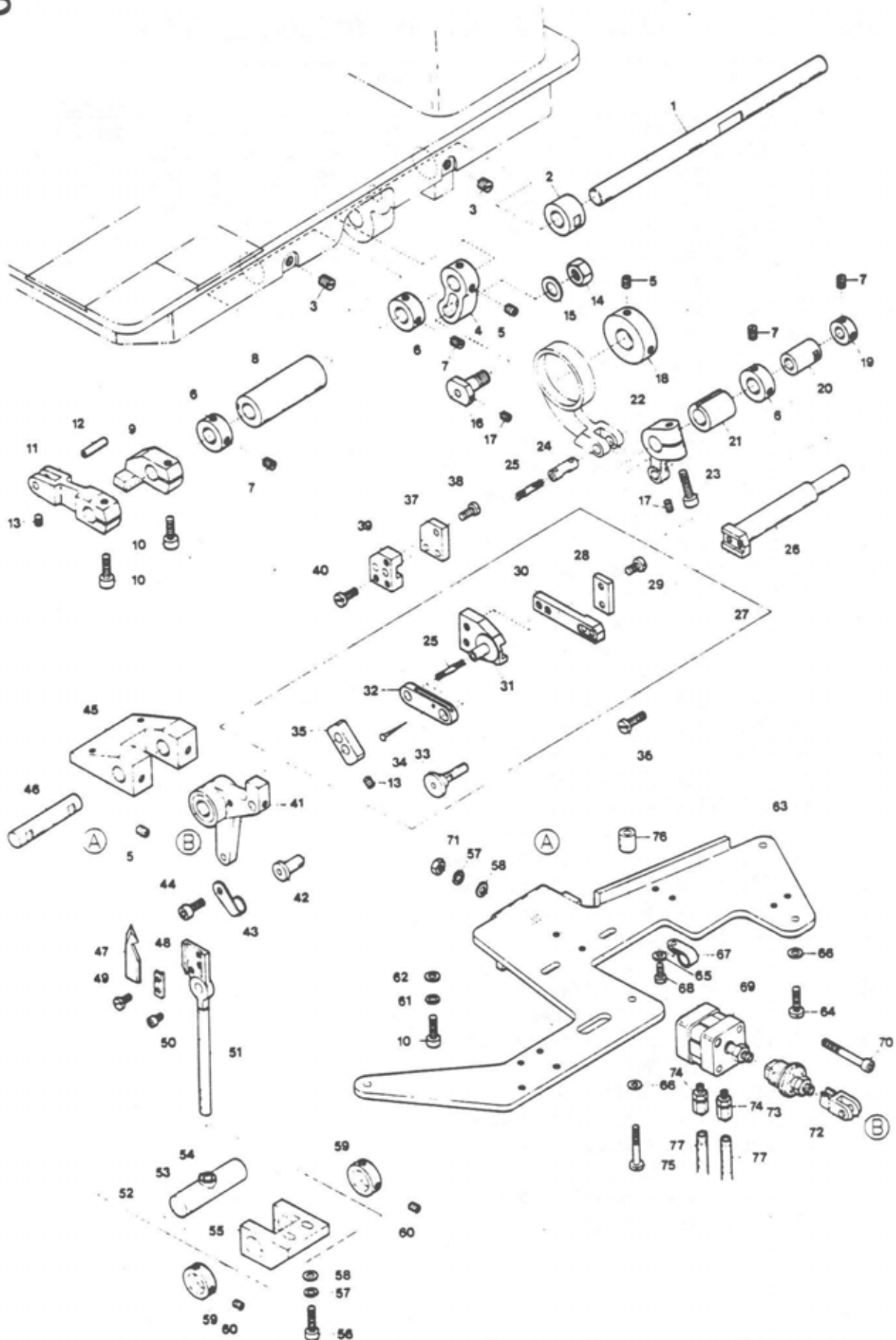
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UPPER & LOWER THREAD TRIMMING PARTS

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-0-241	Cylinder	41	46-1001-4-510	Cylinder Support
2	46-1001-0-019	L-Connector	42	46-1000-9-747	Screw(M4-0.7×10)
3	46-1001-0-258	Connector	43	46-1000-0-644	Spring Washer
4	46-1001-4-481	Cylinder Support	44	46-1000-0-665	Washer
5	46-1000-9-752	Screw(M5-0.8×10)	45 ※	46-1001-0-260	Air Tubing(4×2.5mm)
6	46-1000-0-600	Spring Washer	46	46-1001-4-579	Rubber Shield
7	46-1000-0-669	Washer	※ Specify Length.		
8	46-1001-4-840	Universal Joint			
9	46-1001-4-482	Shaft			
10	46-1000-6-178	Screw(1/8-44×5.6)			
11	46-1001-4-578	Mount Block			
12	46-1001-4-483	Pick-up(10mm)			
13	46-1001-4-575	Thread Holder(Right)			
14	46-1001-4-576	Thread Holder(Left)			
15	46-1001-4-574	Pin			
16	46-1000-3-656	Screw(M3-0.5×3)			
17	46-1001-4-577	Press Pin			
18	46-1001-4-573	Pin			
19	46-1001-4-244	Trim Blade			
20	46-1000-1-222	Screw(1/8-44×4.8)			
21	46-1001-0-253	Cylinder			
22	46-1001-4-426	Throat Plate(10mm)			
23	46-1000-9-127	Screw(11/64-40×8)			
24	46-1000-9-142	Screw(9/64-40×4.8)			
25	46-1001-4-267	Lower Knife			
26	46-1000-1-613	Screw(3/32-56×3.1)			
27	46-1001-4-505	Fixed Knife(R)(10mm)			
28	46-1001-4-506	Fixed Knife(L)(10mm)			
29	46-1000-4-404	Screw(3/32-56×5.1)			
30	46-1001-4-501	Support Plate			
31	46-1000-7-678	Screw(1/4-40×8)			
32	46-1001-4-509	Knife Holder			
33	46-1000-6-198	Screw(1/4-40×7.5)			
34	46-1000-0-419	Nut			
35	46-1001-4-503	Knife(10mm)			
36	46-1000-4-358	Screw(9/64-40×5.6)			
37	46-1001-0-283	V-Knuckle(3mm)			
38	46-1001-4-502	Collar			
39	46-1000-9-735	Screw(M4-0.7×4)			
40	46-1001-0-242	Cylinder			

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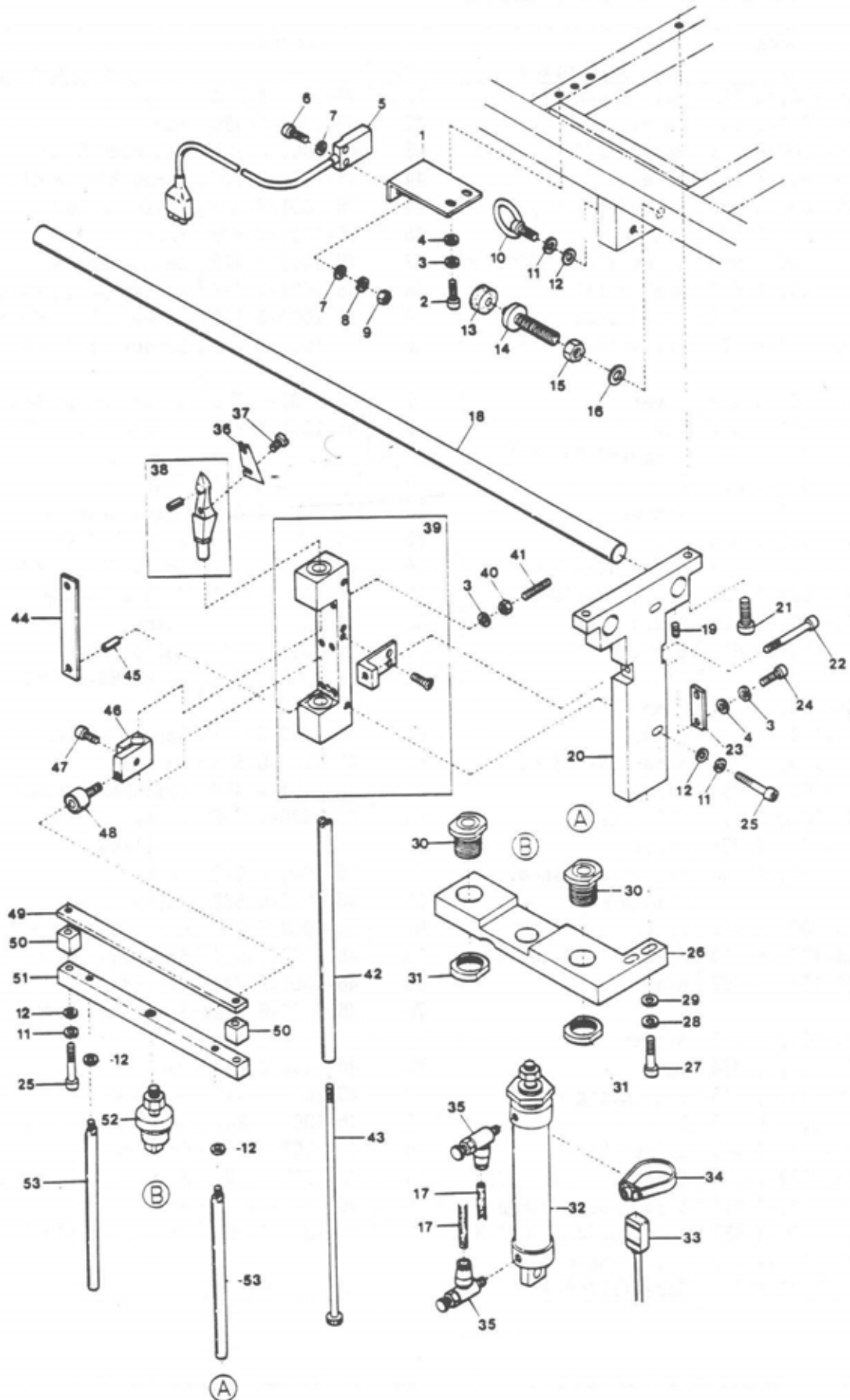


CENTER KNIFE ASSEMBLY

Det. No	Parts No	Description
1	46-1001-4-458	Main Shaft
2	46-1001-5-185	Bushing(2)
3	46-1000-8-233	Screw(15/64)
4	46-1001-4-469	Lever
5	46-1000-3-662	Screw(M6-1×6)
6	46-1003-2-820	Collar
7	46-1000-7-650	Screw(11/64-40×5)
8	46-1001-4-460	Bushing(1)
9	46-1001-4-448	Lever Stop
10	46-1000-9-976	Screw(M6-1×15)
11	46-1001-4-449	Lever
12	46-1001-4-447	Pin
13	46-1000-3-656	Screw(M3-0.5×3)
14	46-1000-0-054	Nut
15	46-1000-0-432	Washer
16	46-1001-4-454	Pin
17	46-1000-9-735	Screw(M4-0.7×4)
18	46-1001-4-462	Thrust Collar
19	46-1007-7-296	Collar
20	46-1001-4-456	Bushing
21	46-1001-4-457	Bushing
22	46-1001-4-463	Lever
23	46-1000-9-935	Screw(M5-0.8×20)
24	46-1001-4-464	Pin
25	46-1000-1-117	Oil Wick
26	46-1001-4-468	Shaft
27	46-1001-4-830	Regulator Assem. Complete
28	46-1001-4-466	Plate
29	46-1000-9-150	Screw(11/64-40×11)
30	46-1001-4-467	Regulator
31	46-1001-4-472	Slider
32	46-1001-4-474	Link
33	46-1001-4-445	Connecting Pin
34	46-1000-0-755	Pin
35	46-1001-4-465	Slider Link
36	46-1000-1-170	Screw(9/64-40×12)
37	46-1001-4-471	Slider Stop Plate
38	46-1000-4-352	Screw(9/64-40×11.3)
39	46-1001-4-473	Slider Stop
40	46-1000-4-440	Screw(11/64-40×8.3)

Det. No	Parts No	Description
41	46-1001-4-894	Lever
42	46-1001-4-480	Pin
43	46-1001-4-799	Oil Wick Stay
44	46-1000-9-746	Screw(M4-0.8×8)
45	46-1001-4-438	Shaft Holder
46	46-1001-4-436	Shaft
47	46-1001-4-478	Center Knife
48	46-1001-4-459	Center Knife Clamp
49	46-1000-9-730	Screw(1/8-44×4.5)
50	46-1000-4-258	Screw(1/8-44×2.1)
51	46-1001-4-832	Center Knife Holder
52	46-1001-4-895	Center Knife Guide Complete
53	46-1001-4-834	Shaft
54	46-1001-4-836	Slide Bearing
55	46-1001-4-833	Shaft Holder
56	46-1000-9-752	Screw(M5-0.8×15)
57	46-1000-0-600	Spring Washer
58	46-1000-0-669	Washer
59	46-1001-4-835	Collar
60	46-1000-9-736	Screw(M4-0.7×6)
61	46-1000-0-667	Spring Washer
62	46-1000-0-663	Washer
63	46-1001-4-479	Cylinder Support
64	46-1000-1-156	Screw (11/64-40×13.3)
65	46-1000-0-014	Washer
66	46-1000-0-538	Washer
67	46-1003-6-133	Cord Clamp(φ 8.4-5N)
68	46-1000-9-994	Screw(M3-0.5×7)
69	46-1001-0-243	Cylinder
70	46-1000-6-229	Screw(M5-0.8×40)
71	46-1000-0-009	Nut
72	46-1001-4-442	Y-Knuckle
73	46-1001-4-841	Universal Joint
74	46-1001-0-258	Connector
75	46-1000-5-121	Screw(11/64-40×28)
76	46-1001-4-455	Spacer
77 ※	46-1001-0-260	Air Tubing(4×2.5mm)
※ Specify Length.		

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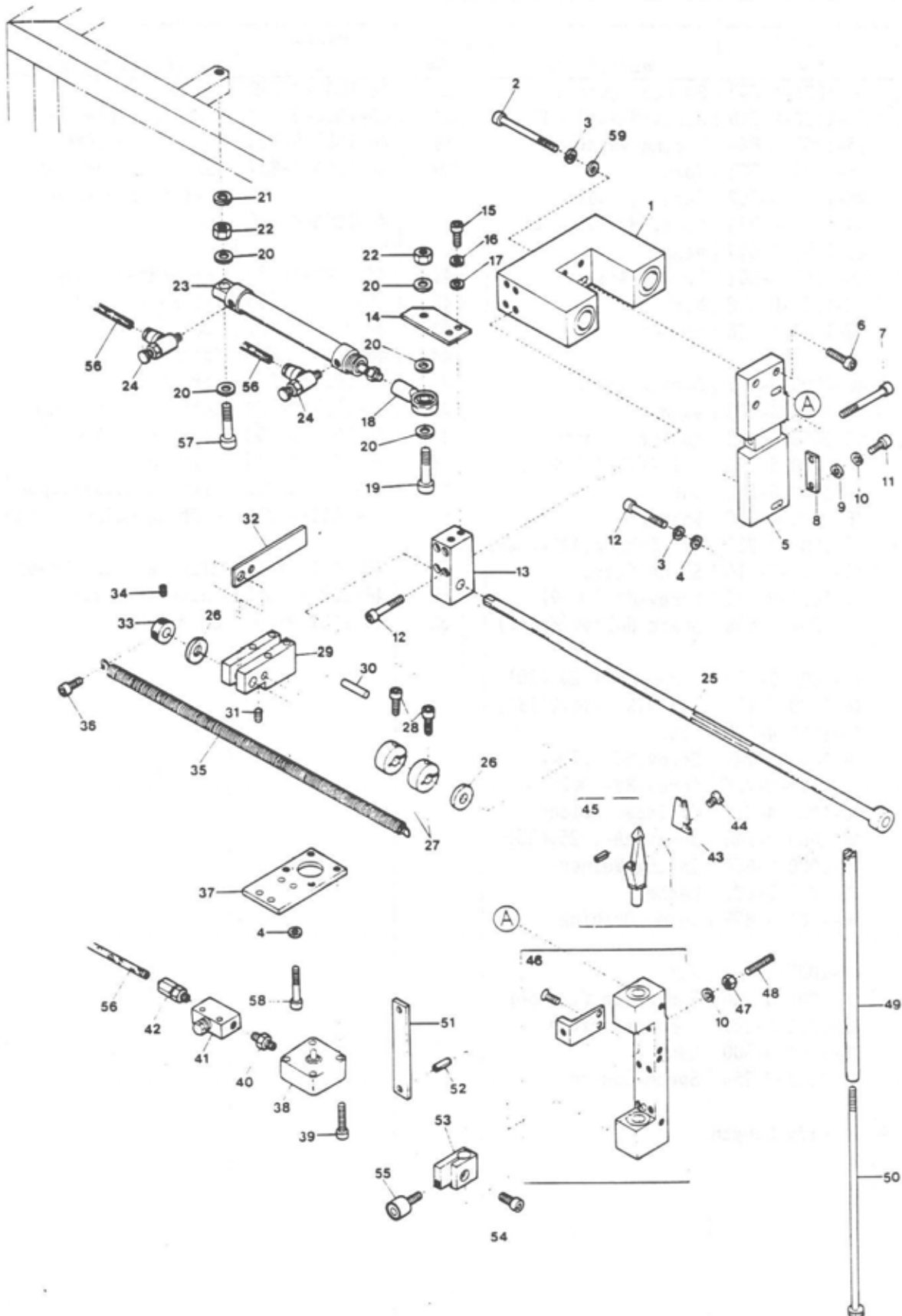
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TAB KNIFE SUPPORT PARTS

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-4-695	Switch Support	36	46-1001-4-136	Tab Knife
2	46-1000-9-746	Screw(M4-0.7×8)	37	46-1000-9-798	Screw(11/128-56×4)
3	46-1000-0-644	Spring Washer	38	46-1001-5-216	Tab Finger(10mm)
4	46-1000-0-665	Washer	39	46-1001-4-897	Tab Finger Holder (Front), Complete
5	46-1001-0-902	Sensing Switch	40	46-1000-0-015	Nut
6	46-1000-9-764	Screw(M3-0.5×20)	41	46-1000-9-737	Screw(M4-0.7×20)
7	46-1000-0-014	Washer	42	46-1001-4-700	Tab Knife Shaft
8	46-1000-0-002	Spring Washer	43	46-1001-4-692	Lock Screw
9	46-1000-0-012	Nut	44	46-1001-4-691	Spacer
10	46-1000-6-226	Eyebolt	45	46-1000-0-035	Spring Pin
11	46-1000-0-667	Spring Washer	46	46-1001-4-704	Shaft Holder(Front)
12	46-1000-0-663	Washer	47	46-1000-9-752	Screw(M5-0.8×15)
13	46-1001-4-143	Rubber Cushion	48	46-1001-4-144	Bearing
14	46-1000-6-190	Bolt(M10-1.5×50)	49	46-1001-4-815	Lifting Guide(Upper)
15	46-1000-0-260	Nut	50	46-1001-4-817	Lifting Guide Spacer
16	46-1000-0-612	Washer	51	46-1001-4-816	Lifting Guide(Lower)
17 ※	46-1001-0-260	Air Tubing(4×2.5mm)	52	46-1001-4-842	Universal Joint
18	46-1001-4-110	Slide Shaft	53	46-1001-4-701	Guide Shaft
19	46-1000-9-740	Screw(M6-1×10)			
20	46-1001-4-699	Shaft Holder(Front)			
21	46-1000-9-936	Screw(M8-1.25×20)			
22	46-1000-6-176	Screw(M6-1×50(18))			
23	46-1001-4-129	Plate			
24	46-1000-9-747	Screw(M4-0.7×10)			
25	46-1000-9-754	Screw(M6-1×35)			
26	46-1001-4-711	Cylinder Holder			
27	46-1000-9-940	Screw(M8-1.25×35)			
28	46-1000-0-676	Spring Washer			
29	46-1000-0-666	Washer			
30	46-1001-4-899	Guide Bushing			
31	46-1001-4-709	Nut			
32	46-1001-0-240	Tab Knife Cylinder			
33	46-1001-0-921	Sensing Switch			
34	46-1001-0-300	Band			
35	46-1001-0-254	Speed Control			
※ Specify Length.					

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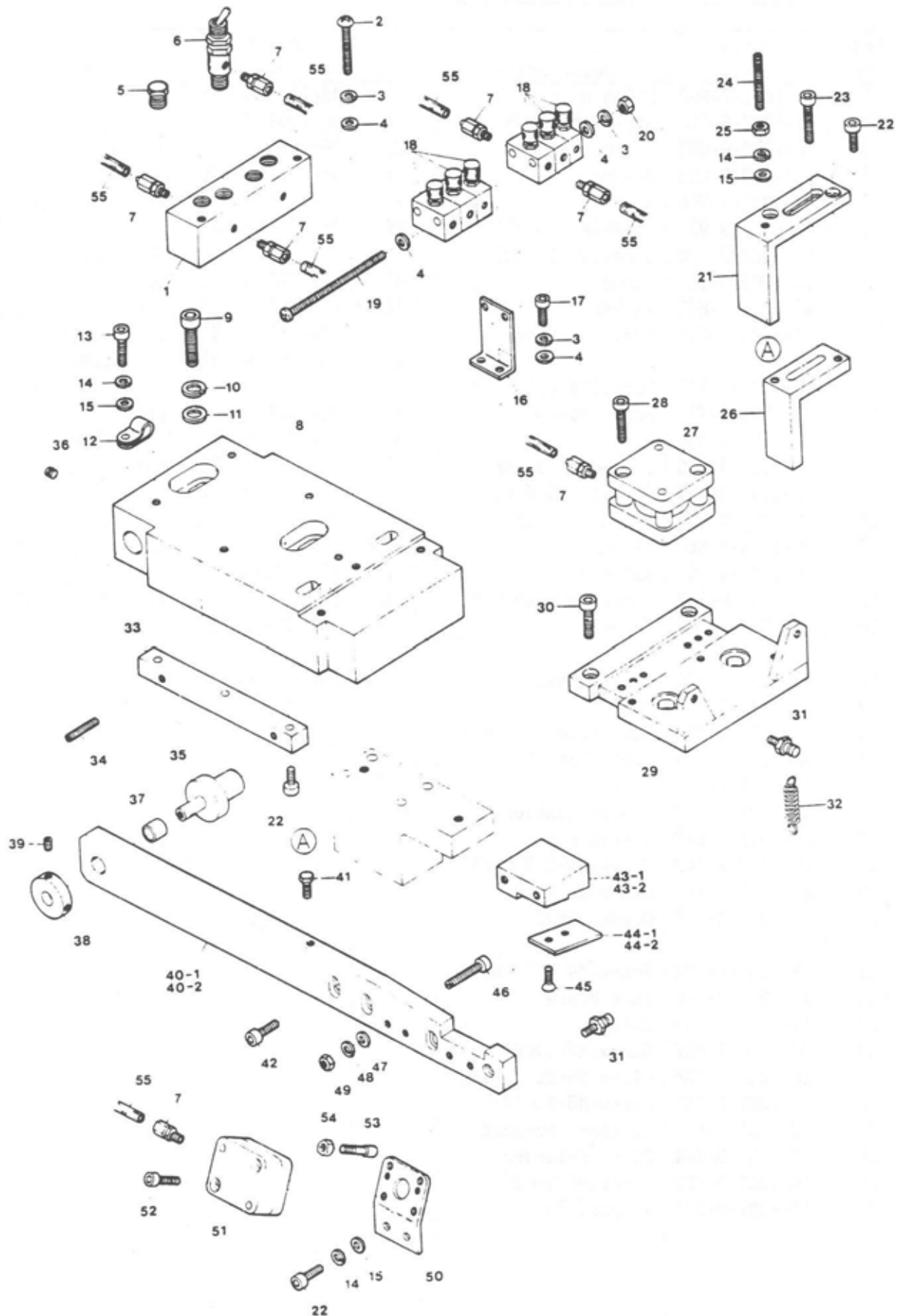
TAB KNIFE DRIVE PARTS

Det. No	Parts No	Description
1	46-1001-4-896	Slide Unit
2	46-1000-6-225	Screw(M6-1×65)
3	46-1000-0-667	Spring Washer
4	46-1000-0-663	Washer
5	46-1001-4-706	Block
6	46-1000-9-970	Screw(M6-1×20)
7	46-1000-6-176	Screw(M6-1×50)
8	46-1001-4-129	Plate
9	46-1000-0-665	Washer
10	46-1000-0-644	Spring Washer
11	46-1000-9-747	Screw(M4-0.7×10)
12	46-1000-9-754	Screw(M6-1×35)
13	46-1001-4-698	Block
14	46-1001-4-810	Cylinder Support
15	46-1000-9-752	Screw(M5-0.8×10)
16	46-1000-0-600	Spring Washer
17	46-1000-0-669	Washer
18	46-1001-4-402	Rod End
19	46-1000-9-758	Screw(M8-1.25×30)
20	46-1000-0-666	Washer
21	46-1000-0-676	Spring Washer
22	46-1000-0-016	Nut
23	46-1001-0-245	Tab Knife Cylinder
24	46-1001-0-254	Speed Control
25	46-1001-5-233	Shaft
26	46-1001-4-120	Rubber Cushion
27	46-1001-5-232	Switch Ring
28	46-1000-9-749	Screw(M4-0.7×16)
29	46-1001-4-697	Cylinder Holder
30	46-1001-4-117	Holder Shaft
31	46-1000-9-736	Screw(M4-0.7×6)
32	46-1001-4-116	Lock Plate
33	46-1001-4-119	Collar
34	46-1000-3-662	Screw(M6-1×6)
35	46-1001-4-108	Clamp Shaft Spring
36	46-1000-9-980	Screw(M6-1×10)
37	46-1001-4-693	Cylinder Support
38	46-1001-0-244	Clamp Cylinder
39	46-1000-9-753	Screw(M6-1×25)
40	46-1001-0-032	Nipple(M5)

Det. No	Parts No	Description
41	46-1001-0-054	Speed Control
42	46-1001-0-258	Connector
43	46-1001-4-136	Tab Knife
44	46-1000-9-798	Screw(11/128-56×4)
45	46-1001-5-216	Tab Finger(10mm)
46	46-1001-4-898	Tab Finger Holder (Rear), Complete
47	46-1000-0-015	Nut
48	46-1000-9-737	Screw(M4-0.7×20)
49	46-1001-4-700	Tab Knife Shaft
50	46-1001-4-692	Lock Screw
51	46-1001-4-691	Spacer
52	46-1000-0-035	Spring Pin
53	46-1001-4-705	Shaft Holder (Rear)
54	46-1000-9-752	Screw(M5-0.8×15)
55	46-1001-4-144	Bearing
56※	46-1001-0-260	Air Tubing(4×2.5mm)
57	46-1000-6-220	Screw(M8-1.25×40)
58	46-1000-9-755	Screw(M6-1×45)
59	46-1000-0-428	Washer

※ Specify Length.

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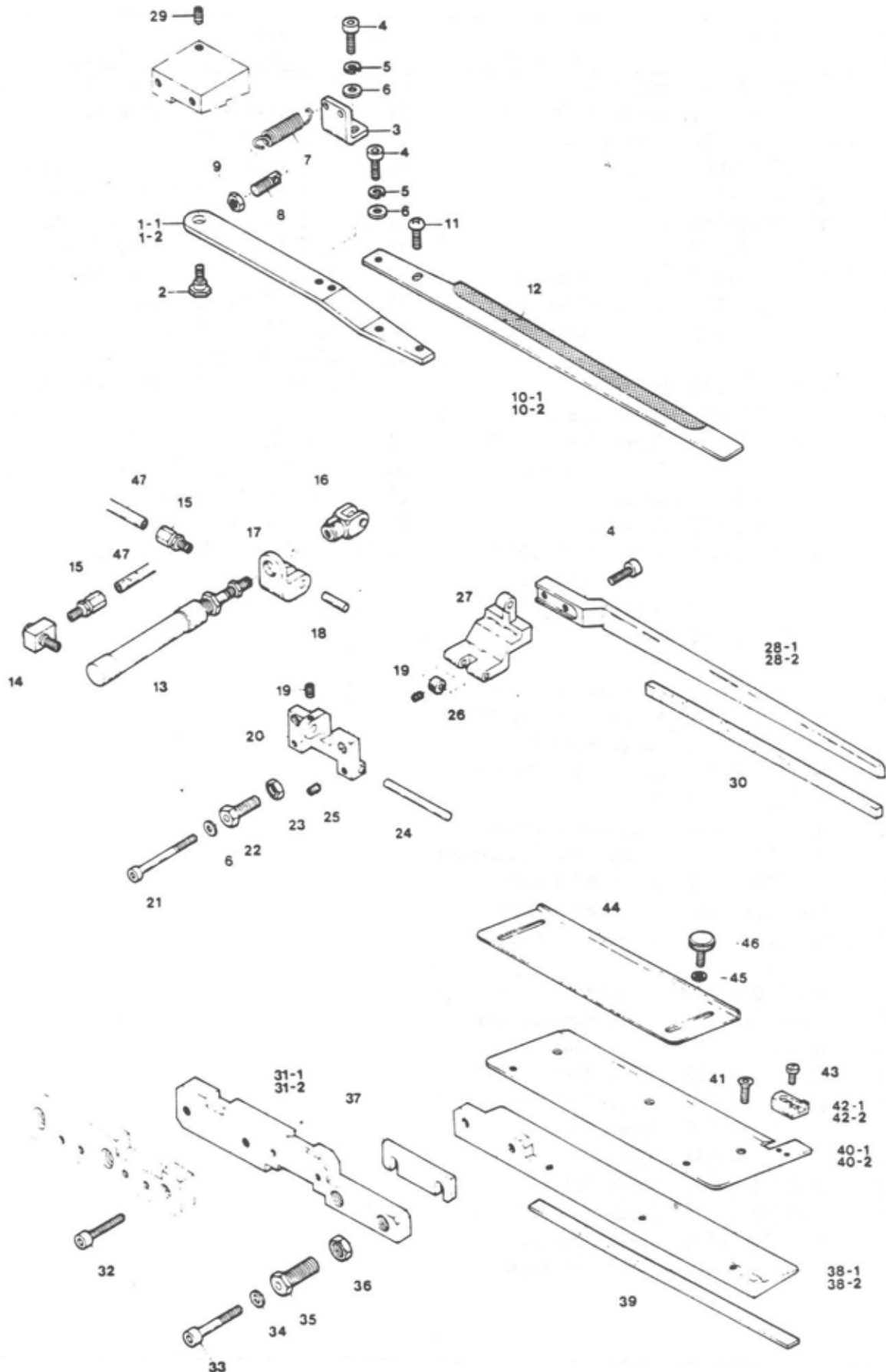
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CARRIAGE ASSEMBLY

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-4-625	Manifold	41	46-1000-6-215	Screw(M4-0.7×10)
2	46-1000-6-214	Screw(M3-0.5×40)	42	46-1000-9-976	Screw(M6-1×15)
3	46-1000-0-002	Spring Washer	43-1	46-1001-4-604	Support(Left)
4	46-1000-0-014	Washer	43-2	46-1001-4-603	" (Right)
5	46-1001-0-117	Seal Plug	44-1	46-1001-4-011	Plate(Left)
6	46-1001-0-182	TAC Valve	44-2	46-1001-4-010	" (Right)
7	46-1001-0-258	Connector	45	46-1000-9-776	Screw(M4-1.7×10)
8	46-1001-4-623	Carriage Block	46	46-1000-6-216	Screw(M6-1×40)
9	46-1000-9-761	Screw(M10-1.5×55)	47	46-1000-0-663	Washer
10	46-1000-0-439	Spring Washer	48	46-1000-0-667	Spring Washer
11	46-1000-0-612	Washer	49	46-1000-0-011	Nut
12	46-1006-3-612	Cord Clamp(φ6.8-4N)	50	46-1001-4-597	Cylinder Bracket
13	46-1000-9-992	Screw(M4-0.7×10)	51	46-1001-0-251	Cylinder
14	46-1000-0-644	Spring Washer	52	46-1000-9-935	Screw(M5-0.8×20)
15	46-1000-0-665	Washer	53	46-1001-4-605	Screw
16	46-1001-4-606	Support	54	46-1000-0-009	Nut
17	46-1000-9-744	Screw(M3-0.5×10)	55 ※	46-1001-0-260	Air Tubing(4×2.5mm)
18	46-1001-0-054	Speed Control	※ Specify Length.		
19	46-1000-6-248	Screw(M3-0.5×80)			
20	46-1000-0-012	Nut			
21	46-1001-4-598	Positioner(Upper)			
22	46-1000-9-747	Screw(M4-0.7×10)			
23	46-1000-9-750	Screw(M4-0.7×20)			
24	46-1000-6-213	Screw(M4-0.7×30)			
25	46-1000-0-015	Nut			
26	46-1001-4-599	Positioner(Lower)			
27	46-1001-0-250	Clamp Foot Cylinder			
28	46-1000-9-755	Screw(M6-1×45)			
29	46-1001-4-622	Cylinder Holder			
30	46-1000-9-970	Screw(M6-1×20)			
31	46-1000-6-183	Screw(M6-1×6.5)			
32	46-1001-4-030	Clamp Foot Spring			
33	46-1001-4-005	Adjustment Block			
34	46-1000-9-738	Screw(M5-0.8×30)			
35	46-1001-4-591	Clamp Foot Shaft			
36	46-1000-9-740	Screw(M6-1×10)			
37	46-1001-4-654	Bushing			
38	46-1001-4-592	Shaft Collar			
39	46-1000-3-655	Screw(M4-0.7×10)			
40-1	46-1001-4-638	Clamp Arm(Left)			
40-2	46-1001-4-639	Clamp Arm(Right)			

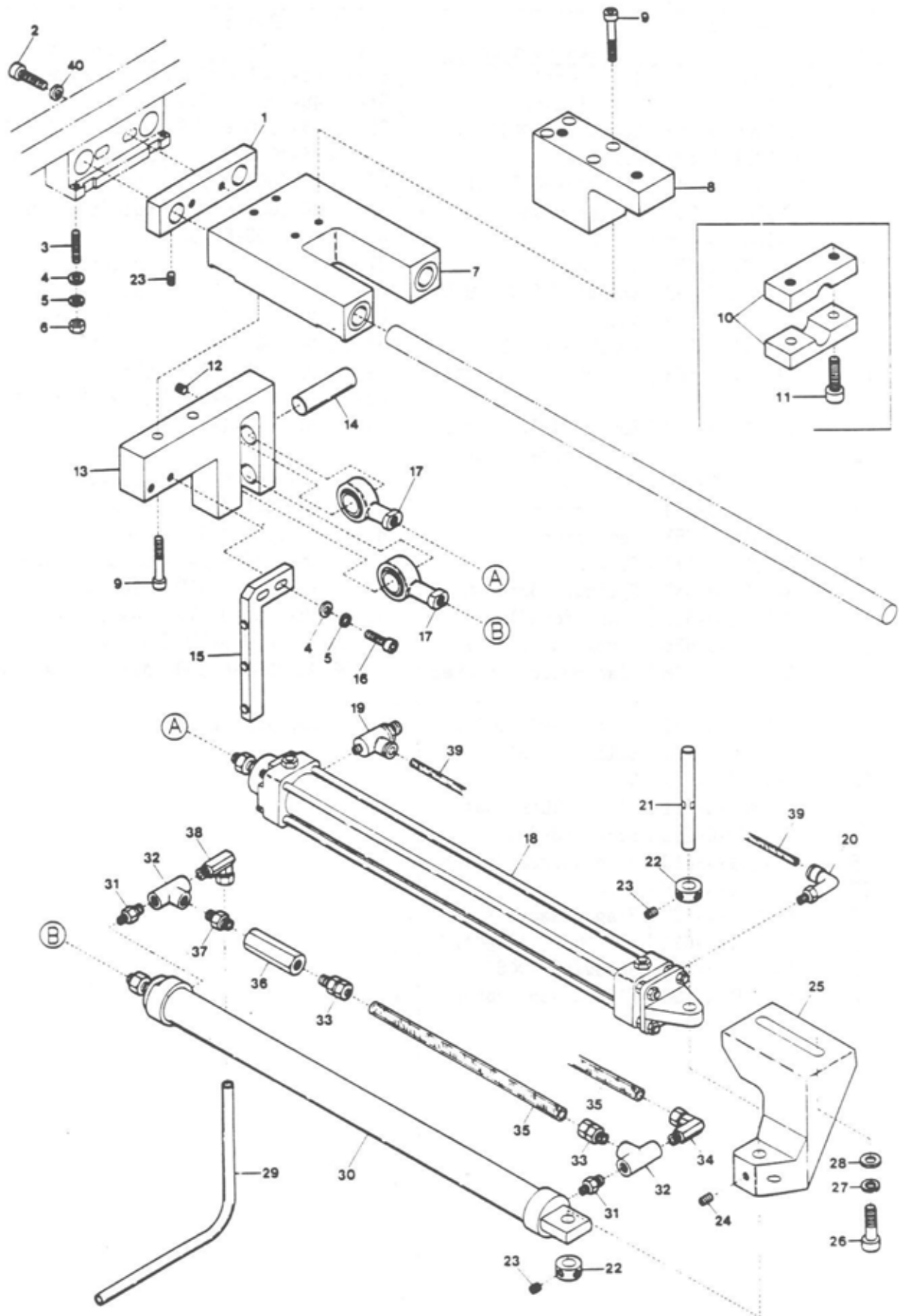
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CLAMPING & FOLDING PARTS

Det. No	Parts No	Description	Det. No	Parts No	Description
1-1	46-1001-4-620	Arm (Left)	31-1	46-1001-4-646	Connecting Arm(Left)
1-2	46-1001-4-621	" (Right)	31-2	46-1001-4-645	" (Right)
2	46-1000-6-188	Screw(M6-1×8)	32	46-1000-9-976	Screw(M6-1×15)
3	46-1001-4-607	Bracket	33	46-1000-9-964	Screw(M6-1×40)
4	46-1000-9-746	Screw(M4-0.7×8)	34	46-1000-0-663	Washer
5	46-1000-0-644	Spring Washer	35	46-1000-6-184	Bolt(M12-1×21)
6	46-1000-0-665	Washer	36	46-1000-6-185	Nut
7	46-1001-4-653	Spring	37	-----	Spacer
8	46-1000-6-638	Screw(5/32-40×9.5)			(See page 35,36)
9	46-1000-0-339	Nut	38-1	46-1001-4-629	Clamp Foot(Left)
10-1	46-1001-4-970	Brush Blade(Left)	38-2	46-1001-4-628	" (Right)
10-2	46-1001-4-969	" (Right)	39	46-1001-4-589	Clamp Foot Rubber
11	46-1000-6-227	Screw(M4-0.7×5)	40-1	46-1001-4-644	Cover Plate(Left)
12		Reflective Sheet	40-2	46-1001-4-643	" (Right)
13	46-1001-0-274	Cylinder	41	46-1000-6-217	Screw(M3-0.5×3.25)
14	46-1001-0-019	L-Connector	42-1	46-1001-4-640	Stop(Left)
15	46-1001-0-258	Connector	42-2	46-1001-4-641	" (Right)
16	46-1001-0-284	Clevis	43	46-1000-5-044	Screw(1/8-44×2.4)
17	46-1001-4-587	Cylinder Bracket	44	46-1001-4-619	Flap Gauge
18	46-1001-4-609	Shaft(for47)	45	46-1000-0-014	Washer
19	46-1000-3-656	Screw(M3-0.5×3)	46	46-1000-9-791	Screw(M3-0.5×6)
20	46-1001-4-608	Flap Holder Bracket	47 ※	46-1001-0-260	Air Tubing(4×2.5mm)
21	46-1000-6-235	Screw(M4-0.7×35)	※ Specify Length.		
22	46-1000-6-193	Bolt(M8×19)			
23	46-1000-0-145	Nut			
24	46-1001-4-611	Flap Holder Shaft			
25	46-1000-6-212	Screw(M5-0.8×6)			
26	46-1001-4-610	Flap Holder Collar			
27	46-1001-4-614	Flap Holder			
28-1	46-1001-4-627	Flap Clamp(Left)			
28-2	46-1001-4-626	" (Right)			
29	46-1000-3-662	Screw(M6-1×6)			
30	46-1001-4-590	Flap Clamp Rubber			

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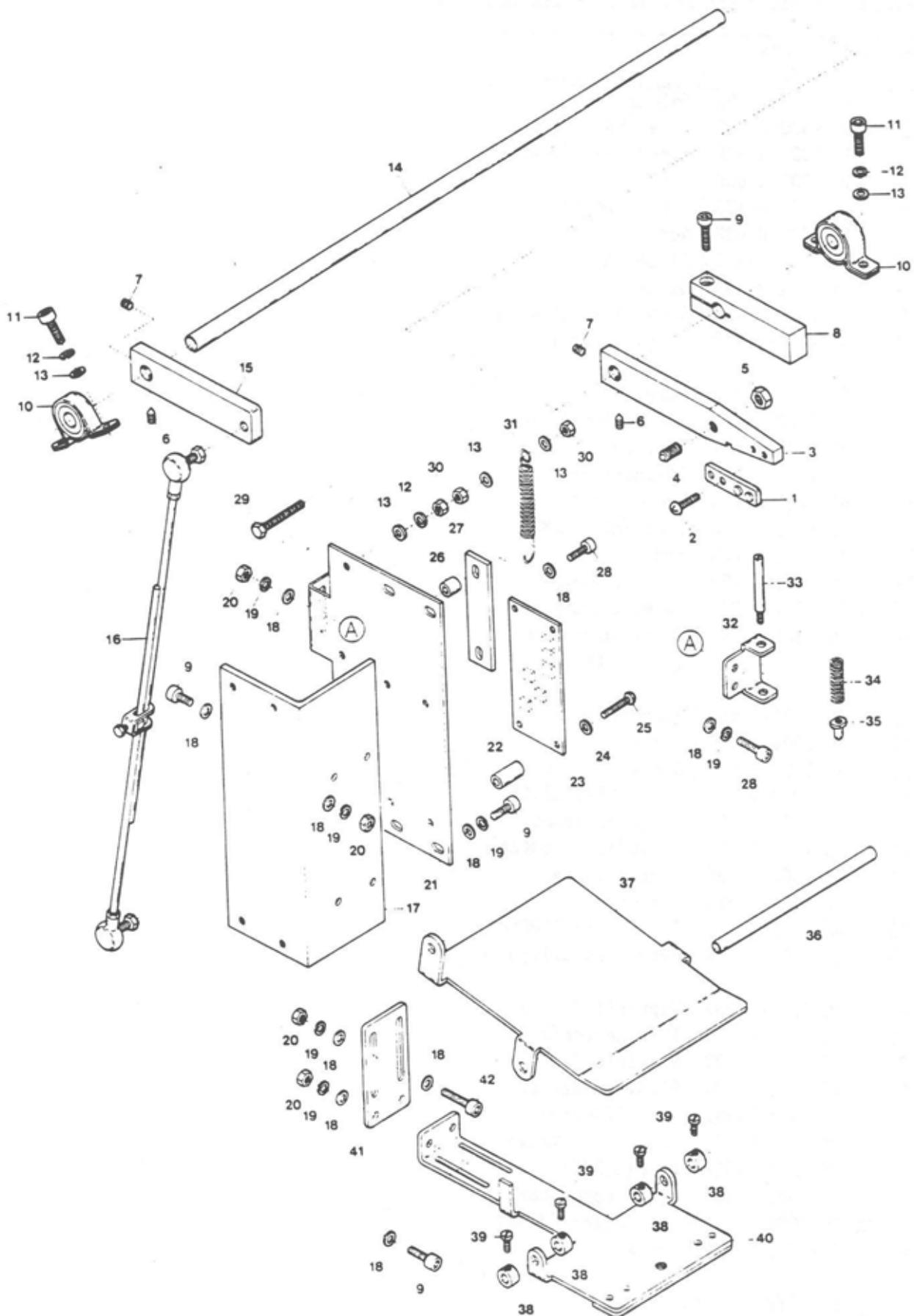
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e-mail: service@amfreece.cz; parts@amfreece.cz; website: www.amfreece.com
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CARRIAGE DRIVE COMPONENTS

Det. No	Parts No	Description
1	46-1001-4-101	Holder
2	46-1000-6-220	Screw(M8-1.25×30)
3	46-1000-9-738	Screw(M5-0.8×30)
4	46-1000-0-669	Washer
5	46-1000-0-600	Spring Washer
6	46-1000-0-009	Nut
7	46-1001-4-112	Slide Unit
8	46-1001-4-106	Block
9	46-1000-9-759	Screw(M8-1.25×55)
10	46-1001-4-613	Shipping Lock
11	46-1000-9-753	Screw(M6-1×30)
12	46-1000-6-212	Screw(M5-0.8×6)
13	46-1001-4-624	Cylinder Holder
14	46-1001-4-600	Cylinder Shaft
15	46-1001-4-773	Magnet Unit
16	46-1000-9-935	Screw(M5-0.8×20)
17	46-1001-4-400	Rod End
18	46-1001-0-252	Drive Cylinder
19	46-1001-0-255	Speed Control
20	46-1001-0-267	Elbow Connector (ϕ 6-1/4)
21	46-1001-4-648	Support Shaft
22	46-1001-4-651	Collar
23	46-1000-3-662	Screw(M6-1×6)
24	46-1000-9-916	Screw(M8-1.25×8)
25	46-1001-4-652	Cylinder Mount
26	46-1000-9-760	Screw(M10-1.5×35)
27	46-1000-0-439	Spring Washer
28	46-1000-0-612	Washer
29	46-1001-0-295	Copper Pipe(600mm)
30	46-1001-0-276	Hydraulic Cylinder
31	46-1001-0-209	Nipple(1/4-3/8)
32	46-1001-0-210	T-Connector(3/8)
33	46-1001-0-277	Nipple(3/8)
34	46-1001-0-207	Elbow Connector
35 ※	46-1001-0-282	Tube(12×8mm)
36	46-1001-0-176	Oil Relief Valve
37	46-1001-0-208	Nipple(3/8)
38	46-1001-0-205	Elbow Connector
39 ※	46-1001-0-261	Air Tubing(6×4mm)
40	46-1000-0-429	Washer
※ Specify Length.		

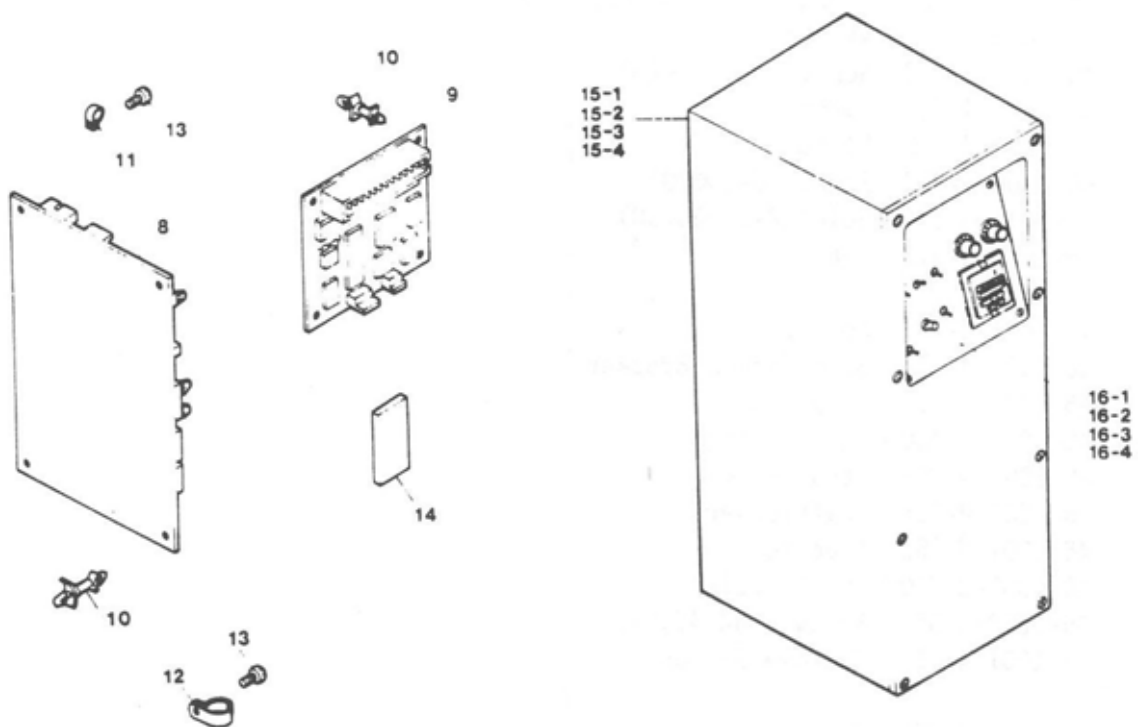
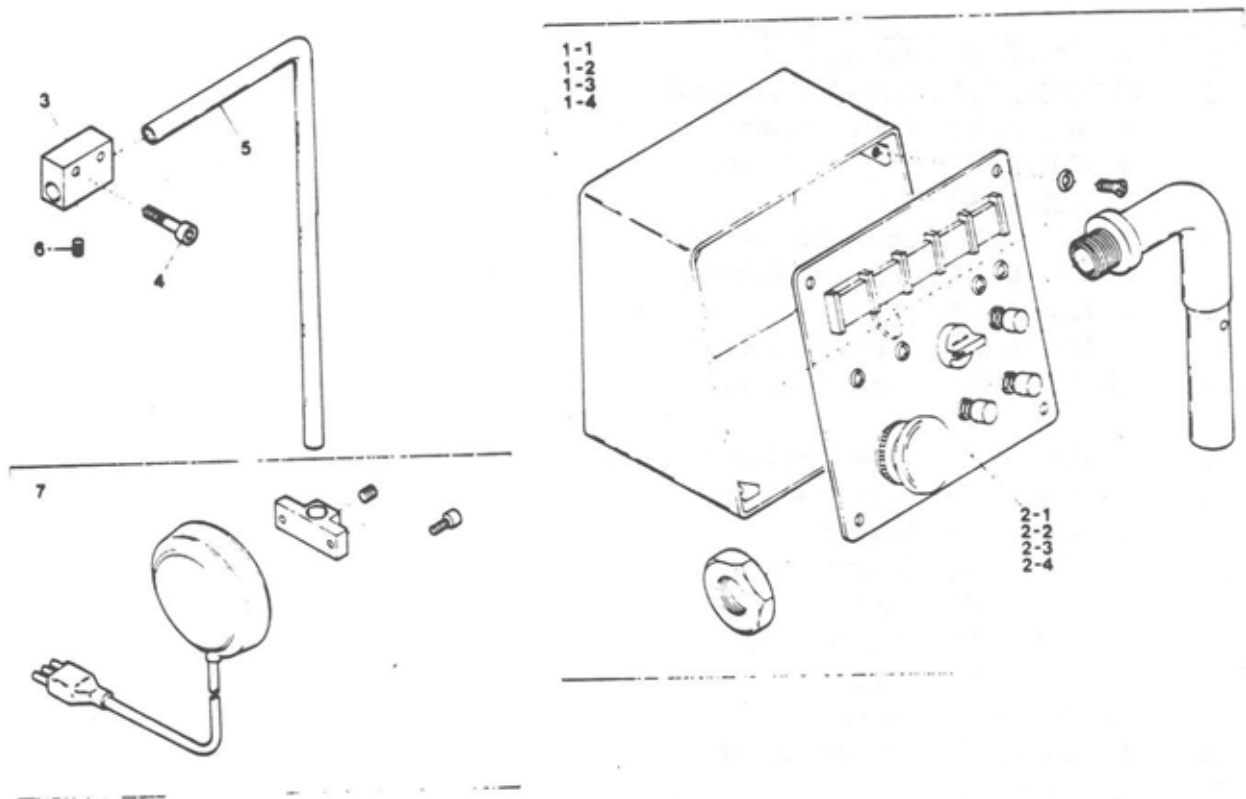
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FOOT TREADLE ASSOCIATE PARTS

Det. No	Parts No	Description
1	46-1001-4-767	Magnet Unit
2	46-1000-9-956	Screw(M3-0.5×10)
3	46-1001-4-763	Magnet Holder
4	46-1001-4-725	Spring Plunger
5	46-1000-0-054	Nut
6	46-1000-6-206	Screw(M5-0.8×8)
7	46-1000-6-212	Screw(M5-0.8×6)
8	46-1001-4-918	Stop
9	46-1000-9-970	Screw(M6-1×20)
10	46-1001-4-758	Shaft Bearing
11	46-1000-9-936	Screw(M8-1.25×20)
12	46-1000-0-676	Spring Washer
13	46-1000-0-666	Washer
14	46-1001-4-769	Shaft(Upper)
15	46-1001-4-919	Lever
16	46-1001-4-722	Pitman Unit
17	46-1001-4-921	Angle Plate
18	46-1000-0-663	Washer
19	46-1000-0-667	Spring Washer
20	46-1000-0-011	Nut
21	46-1001-4-920	Plate
22	46-1001-0-914	Spacer
23	46-1001-4-903	Treadle Switch Unit
24	46-1000-0-014	Washer
25	46-1000-9-957	Screw(M3-0.5×16)
26	46-1001-4-917	Spacer
27	46-1001-4-723	Plate
28	46-1000-9-970	Screw(M6-1×20)
29	46-1000-9-978	Bolt(M8-1.25×50)
30	46-1000-0-016	Nut
31	46-1001-4-757	Spring
32	46-1001-4-759	Stop Spring Bracket
33	46-1001-4-756	Stop Pin
34	46-1001-4-760	Stop Spring
35	46-1001-4-761	Stop(Upper)
36	46-1001-4-765	Shaft(Lower)
37	46-1001-4-752	Treadle
38	46-1003-2-719	Shaft Collar
39	46-1000-4-351	Screw(9/64-40×7)
40	46-1001-4-753	Treadle Support
41	46-1001-4-739	Plate
42	46-1000-6-201	Screw(M6-1×50)

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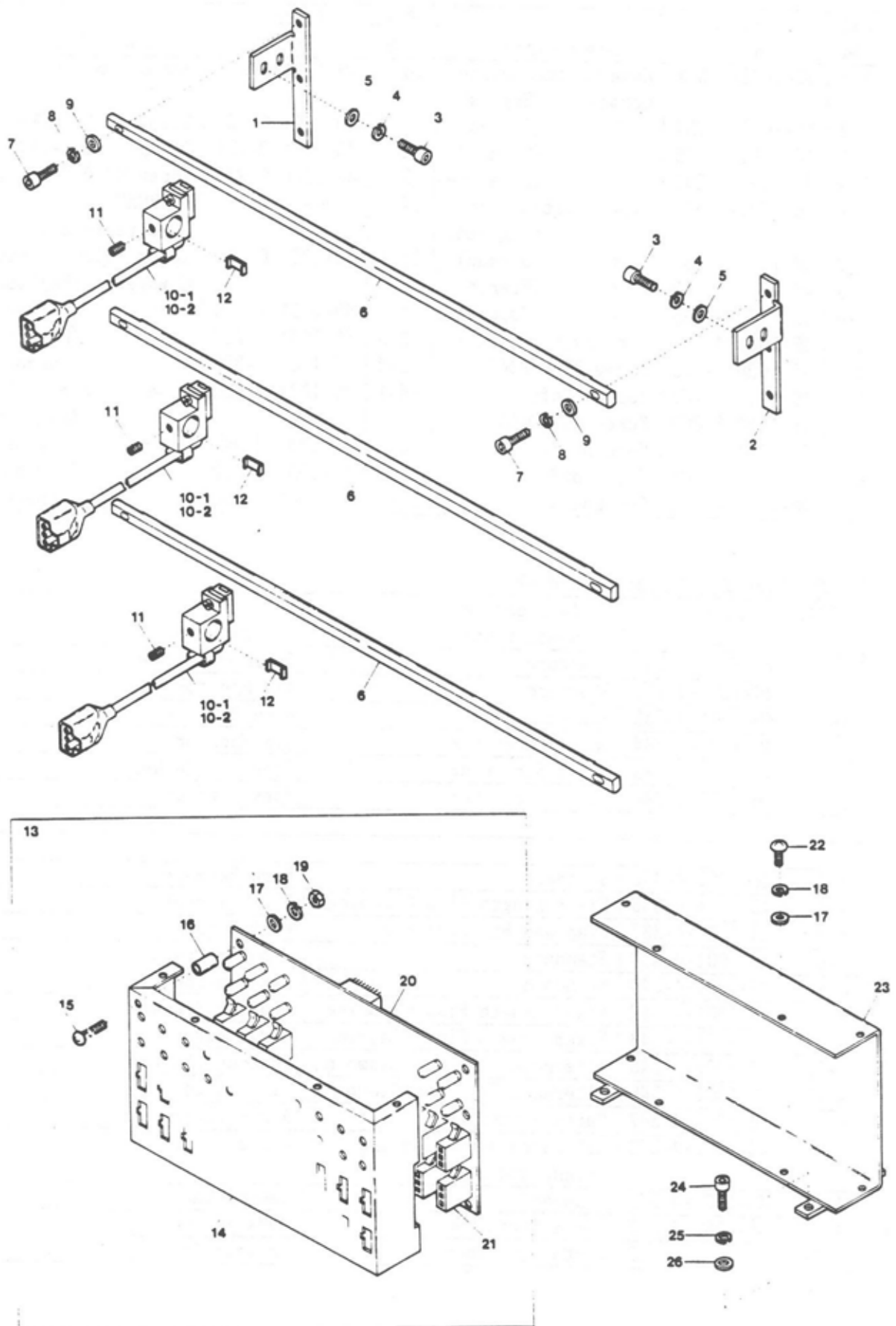
CONTROL PANELS, KNEE SWITCH, EPROM LIST

Ref. No	Parts No	Description	Ref. No	Parts No	Description
1-1	46-1001-4-911	Upper Switch Plate Complete (English)	10	46-1001-0-954	Board Support
1-2	46-1001-4-254	" (German)	11	46-1001-0-720	Clamp(ϕ 12.2-7N)
1-3	46-1001-4-255	" (French)	12	46-1001-0-721	Clamp(ϕ 19.0-11N)
1-4	46-1001-4-270	" (Japanese)	13	46-1000-9-975	Screw(M4-0.7 $\times$ 8.8)
2-1	46-1001-4-987	Upper Switch Plate (English)	14	-----	"EPROM" (See table below.)
2-2	46-1001-4-988	" (German)	15-1	46-1001-0-916	Lower Switch Plate Complete (English)
2-3	46-1001-4-989	" (French)	15-2	46-1001-4-256	" (German)
2-4	46-1001-4-995	" (Japanese)	15-3	46-1001-4-257	" (French)
3	46-1001-4-738	Knee Switch Holder	15-4	46-1001-4-271	" (Japanese)
4	46-1000-6-205	Screw(M5-0.8 $\times$ 30)	16-1	46-1001-4-990	Lower Switch Plate (English)
5	46-1001-4-747	Mount Shaft	16-2	46-1001-4-991	" (German)
6	46-1000-3-662	Screw(M6-1 $\times$ 6)	16-3	46-1001-4-992	" (French)
7	46-1001-4-909	Knee Switch	16-4	46-1001-4-996	" (Japanese)
8	46-1001-4-901	I,O Board			
9	46-1001-4-900	CPU Board			

"EPROM" list for Series 46 and 47

EPROM No	Parts No	Application description	for use with
3-2	46-1001-4-280	Standard	Trouser Stacker
3-3	46-1001-4-281	Standard	Air Ejector
3-4	46-1001-4-282	Standard	Work Remover
3-6	46-1001-4-284	Darts Stretcher	Air Ejector
3-7	46-1001-4-285	Darts Stretcher	Trouser Stacker
3-8	46-1001-4-286	Darts Stretcher	Work Remover
4-2	46-1001-4-335	Standard	Work Remover
4-3	46-1001-4-336	Fixed Length Flap Clamping	Work Remover
4-4	46-1001-4-337	Flap and Bag Clamping	Work Remover
4-6	46-1001-4-339	Standard	Trouser Stacker
4-7	46-1001-4-340	Standard	Air Ejector
4-9	46-1001-4-342	Fixed Length Flap Clamping	Trouser Stacker
4-10	46-1001-4-343	Fixed Length Flap Clamping	Air Ejector
4-12	46-1001-4-345	Alternate Flap/Bag Clamping	Trouser Stacker
4-13	46-1001-4-346	Alternate Flap/Bag Clamping	Air Ejector
4-14	46-1001-4-347	Darts Stretcher	Air Ejector
4-15	46-1001-4-348	Alternate Work Clamping Right and Left	Air Ejector
4-16	46-1001-4-349	Standard	Reece Coat Stacker
4-17	46-1001-4-350	Darts Stretcher	Work Remover
4-18	46-1001-4-351	Darts Stretcher	Trouser Stacker

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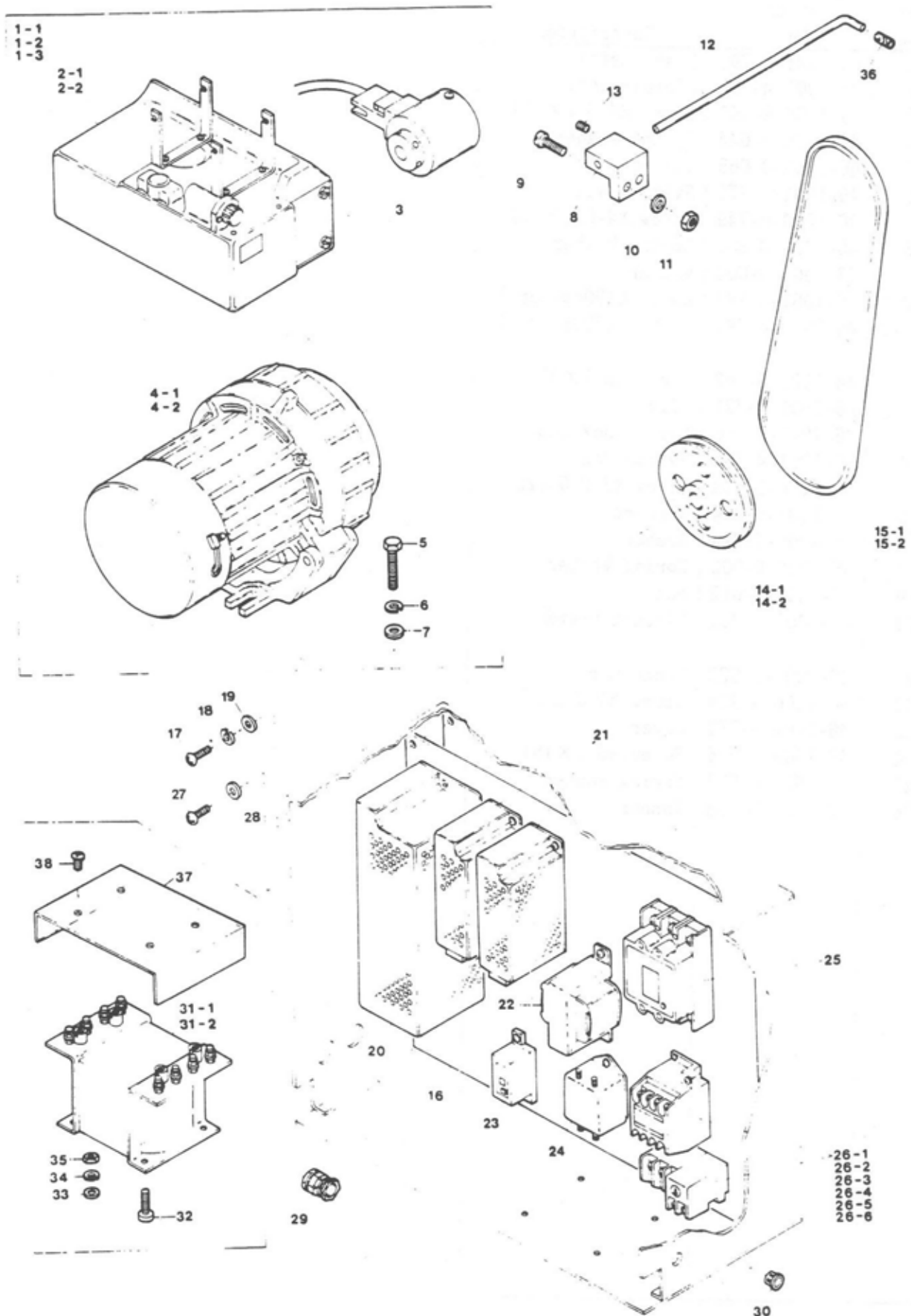


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**OPERATIONAL MAGNETIC SWITCH.
RECEPTACLE BOX**

Ref. No	Parts No	Description
1	46-1001-4-790	Plate(Left)
2	46-1001-4-791	Plate(Right)
3	46-1000-9-748	Screw(M4-0.7×12)
4	46-1000-0-644	Spring Washer
5	46-1000-0-665	Washer
6	46-1001-4-772	Switch Rail
7	46-1000-9-749	Screw(M4-0.7×15)
8	46-1000-0-600	Spring Washer
9	46-1000-0-669	Washer
10-1	46-1001-4-783	Hall IC(90cm-Cord)
10-2	46-1001-4-784	" (70cm ")
11	46-1000-3-662	Screw(M6-1×6)
12	46-1001-4-771	Clip
13	46-1001-4-916	Switch Box Complete
14	46-1001-4-787	Switch Box
15	46-1000-9-799	Screw(M3-0.5×25)
16	46-1001-0-924	Support
17	46-1000-0-014	Washer
18	46-1000-0-002	Spring Washer
19	46-1000-0-012	Nut
20	46-1001-4-902	Circuit Board
21	46-1001-0-923	Connector
22	46-1000-9-994	Screw(M3-0.5×7)
23	46-1001-4-789	Cover
24	46-1000-9-976	Screw(M6-1×15)
25	46-1000-0-667	Spring Washer
26	46-1000-0-663	Washer

22



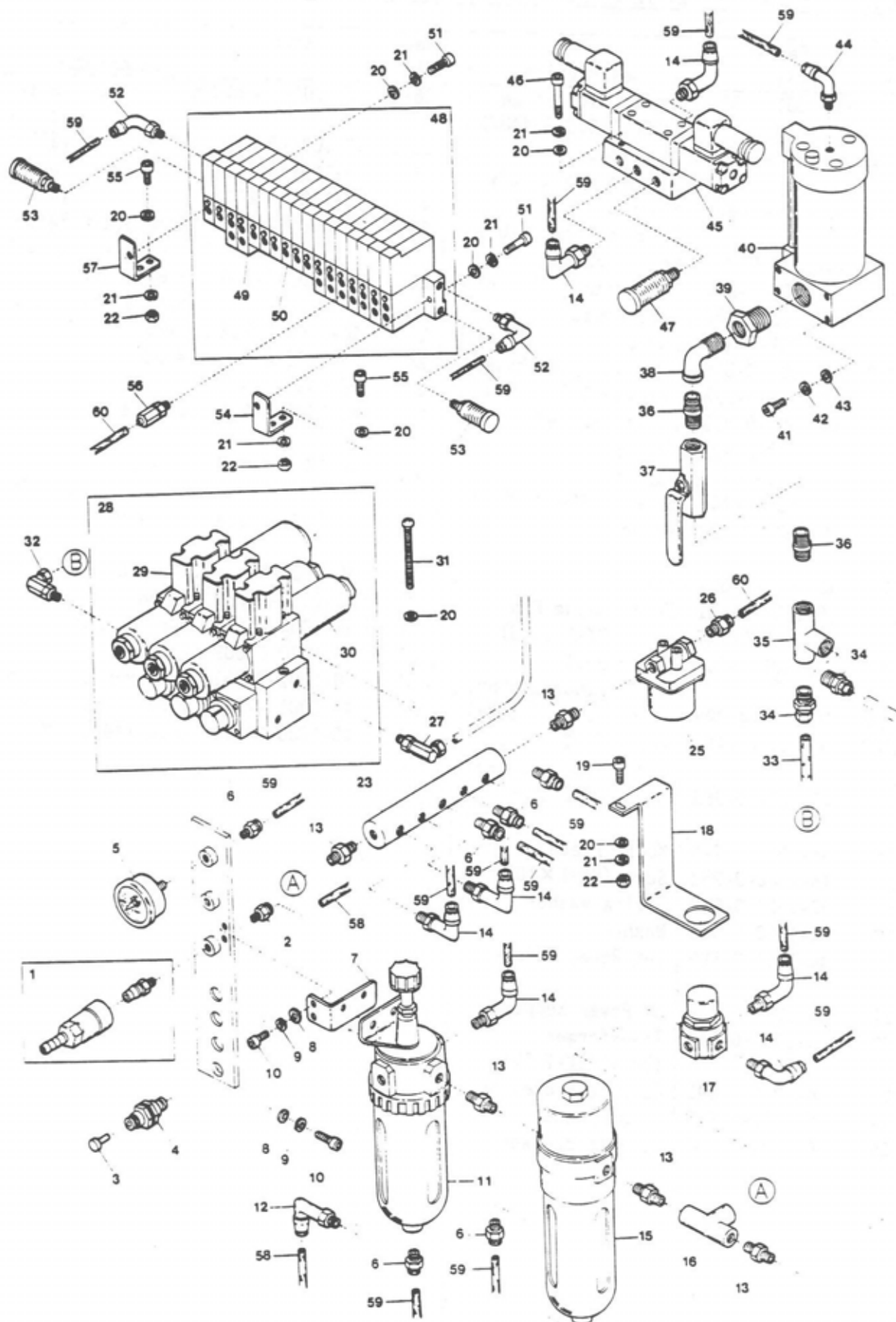
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MAIN POWER SUPPLY & DRIVE MOTOR

Det. No	Parts No	Description	Det. No	Parts No	Description
1-1	46-1001-0-900	Motor Unit(3Phase 200,220,380,440V)	26-1	46-1001-0-894	Motor Start Relay (200V)
1-2	46-1001-0-965	Motor Unit (Single Phase 100V)	26-2	46-1001-0-895	" (220V)
1-3	46-1001-0-978	Motor Unit (Single Phase 220V)	26-3	46-1001-0-896	" (380V)
2-1	46-1001-0-957	Motor Control	26-4	46-1001-0-897	" (440V)
2-2	46-1001-0-977	" (Single Phase)	26-5	46-1001-0-913	Motor Start Relay (Single Phase 100V)
3	46-1001-0-956	Synchronizer	26-6	46-1001-0-979	Motor Start Relay (Single Phase 220V)
4-1	46-1001-0-955	Motor	27	46-1000-9-992	Screw(M4-0.7×10)
4-2	46-1001-0-976	" (Single Phase)	28	46-1000-0-665	Washer
5	46-1000-9-928	Screw(M10-1.5×30)	29	46-1001-0-959	Bushing
6	46-1000-0-439	Spring Washer	30	46-1001-0-958	Bushing
7	46-1000-0-432	Washer	31-1	46-1001-0-137	Transformer (380,440V)
8	46-1001-4-418	Pin Holder	31-2	46-1001-0-998	Transformer (100,110V)
9	46-1000-4-445	Screw(11/64-40×11)	32	46-1000-9-751	Screw(M5-0.8×15)
10	46-1000-0-530	Washer	33	46-1000-0-669	Washer
11	46-1000-0-334	Nut	34	46-1000-0-600	Spring Washer
12	46-1001-4-421	Positioning Pin	35	46-1000-0-009	Nut
13	46-1000-9-736	Screw(M4-0.7×6)	36	46-1002-2-837	Synchronizer Cushion
14-1	46-1001-4-797	Motor Pulley (100mm) (60Hz)	37	46-1001-4-999	Transformer Cover
14-2	46-1001-4-798	" (120 ") (50Hz)	38	46-1000-9-770	Screw(M4-0.7×8)
15-1	46-1001-0-987	V-Belt(M52 inch) (60Hz)			
15-2	46-1001-0-988	" (M53 inch) (50Hz)			
16	46-1001-4-746	Mount Plate			
17	46-1000-9-953	Screw(M6-1×10)			
18	46-1000-0-667	Spring Washer			
19	46-1000-0-663	Washer			
20	46-1001-0-899	24V Power Supply			
21	46-1001-0-898	5V Power Supply			
22	46-1001-0-845	Transformer (200,220V-2.5V)			
23	46-1001-0-842	Circuit Protector			
24	46-1001-0-846	Noise Filter			
25	46-1001-0-893	Circuit Breaker			

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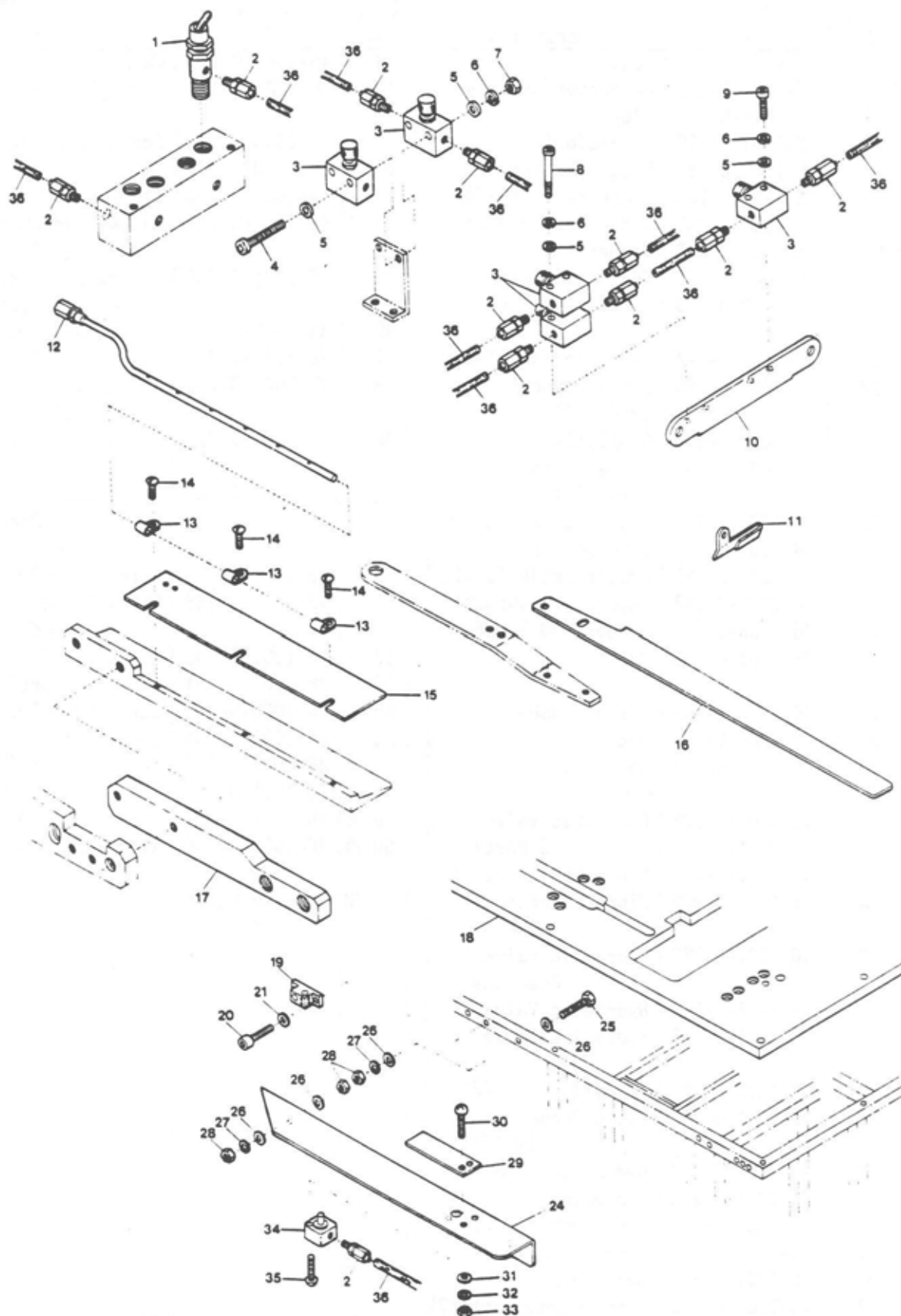
PNEUMATIC & HYDRAULIC PARTS

Det. No	Parts No	Description	Det. No	Parts No	Description
1	46-1001-0-227	Coupler	39	46-1001-0-221	Connector
2	46-1001-0-265	Connector (φ 8-1/4)	40	46-1001-0-181	Hydraulic Converter
3	46-1001-0-278	Plug			
4	46-1001-0-270	Connector (φ 4)	41	46-1000-9-752	Screw (M5-0.8×15)
5	46-1001-0-188	Pressure Gauge	42	46-1000-0-600	Spring Washer
6	46-1001-0-264	Connector (φ 6-1/4)	43	46-1000-0-669	Washer
7	46-1001-4-745	Regulator Support	44	46-1001-0-268	Elbow Connector (φ 6-3/8)
8	46-1000-0-663	Washer	45	46-1001-0-238	Pneumatic Valve (5 Port, 3 Position)
9	46-1000-0-667	Spring Washer	46	46-1000-6-219	Screw (M4-0.7×30)
10	46-1000-9-976	Screw (M6-1×15)	47	46-1001-0-257	Silencer (MF8)
11	46-1001-0-184	Regulator (AW211-02B)	48	47-1001-0-273	Pneumatic Valve Block (17 Valves)
12	46-1001-0-269	Elbow Connector (φ 8-1/4)	49	46-1001-0-235	Pneumatic Valve (4 Port)
13	46-1001-0-023	Nipple (1/4)	50	46-1001-0-234	Pneumatic Valve (3 Port)
14	46-1001-0-267	Elbow Connector (φ 6-1/4)			
15	46-1001-0-239	Oil Mist Separator	51	46-1000-9-750	Screw (M4-0.7×20)
16	46-1001-0-021	T-Connector	52	46-1001-0-266	Elbow Connector (φ 6-1/8)
17	46-1001-0-185	Regulator (AR111-02)	53	46-1001-0-143	Silencer (MF6)
18	46-1001-4-913	Regulator Support	54	46-1001-4-741	Valve Support (Right)
19	46-1000-9-749	Screw (M4-0.7×16)	55	46-1000-9-747	Screw (M4-0.7×10)
20	46-1000-0-665	Washer	56	46-1001-0-258	Connector
21	46-1000-0-644	Spring Washer	57	46-1001-4-742	Valve Support (Left)
22	46-1000-0-015	Nut	58 ※	46-1001-0-262	Air Tubing (8×6 mm)
23	46-1001-4-744	Manifold	59 ※	46-1001-0-261	Air Tubing (6×4 ")
24	.....	.....	60 ※	46-1001-0-260	Air Tubing (4×2.5 ")
25	46-1001-0-125	Pneumatic Valve (2 Port)			
26	46-1001-0-078	Connector (φ 4-1/4)			
27	46-1001-0-205	Elbow Connector (φ 10)			
28	46-1001-0-275	Hydraulic Valve Complete			
29	46-1001-0-172	Hydraulic Valve			
30	46-1001-0-173	Hydraulic Valve			
31	46-1000-9-783	Screw (M4-0.7×75)			
32	46-1001-0-207	Elbow Connector (φ 12)			
33	46-1001-0-282	Hydraulic Tube			
34	46-1001-0-204	Connector			
35	46-1001-0-216	T-Connector (1/2)			
36	46-1001-0-213	Nipple (1/2)			
37	46-1001-0-212	Ball Cock			
38	46-1001-0-220	Elbow Connector (1/2)			

※ Specify Length.

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Series 46(1)



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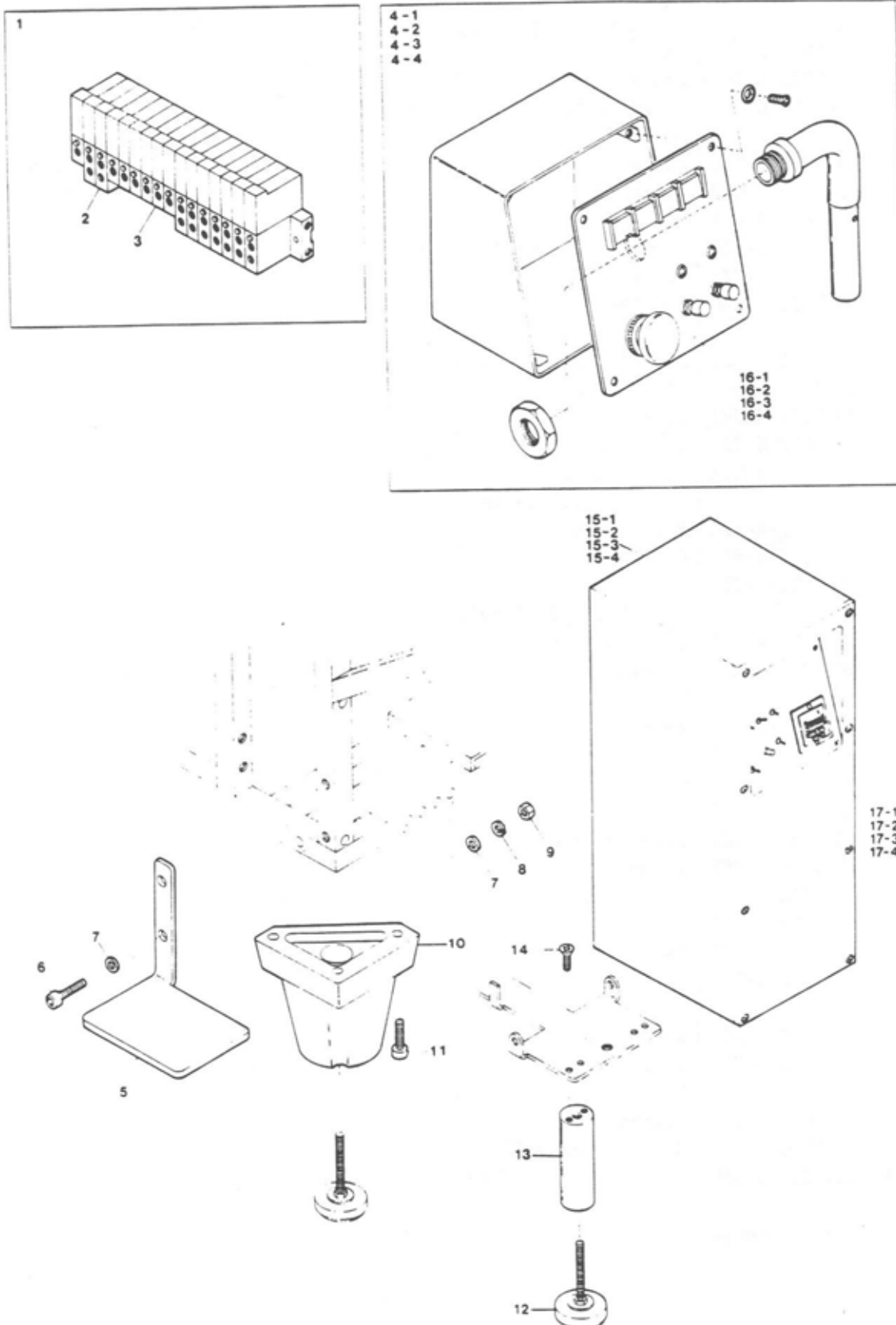
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Series 46 CLAMPING & FOLDING PARTS

Det. No	Parts No	Description
1	46-1001-0-182	TAC Valve
2	46-1001-0-258	Connector
3	46-1001-0-054	Speed Control
4	46-1000-9-793	Screw (M3-0.5×35)
5	46-1000-0-014	Washer
6	46-1000-0-002	Spring Washer
7	46-1000-0-012	Nut
8	46-1000-9-768	Screw (M3-0.5×30)
9	46-1000-9-745	Screw (M3-0.5×15)
10	46-1001-4-430	Support
11	46-1001-4-260	Needle Thread Eyelet
12	46-1001-4-601	Air Nozzle
13	46-1001-4-647	Clamp
14	46-1000-6-233	Screw (M3-0.5×5)
15	46-1001-4-612	Cover Plate (8,10,12,14 mm)
16	46-1001-4-023	Brush Blade
17	46-1001-4-618	Connecting Arm
18	46-1001-4-674	Table Top (8,10,12,14 mm)
19	46-1001-4-792	Shaft Holder
20	46-1000-6-225	Screw (M6-1×65)
21	46-1000-0-663	Washer
22		
23		
24	46-1001-4-670	Extension Plate
25	46-1000-6-232	Screw (M8-1.25×80)
26	46-1000-0-666	Washer
27	46-1000-0-676	Spring Washer
28	46-1000-0-016	Nut
29	46-1001-4-660	Material Clamp
30	46-1000-9-770	Screw (M4-0.7×8)
31	46-1000-0-665	Washer
32	46-1000-0-644	Spring Washer
33	46-1000-0-015	Nut
34	46-1001-0-248	Cylinder
35	46-1000-9-801	Screw (M3-0.5×20)
36 ※	46-1001-0-260	Air Tubing (4×2.5mm)
	※	Specify Length.

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Series 46(2)



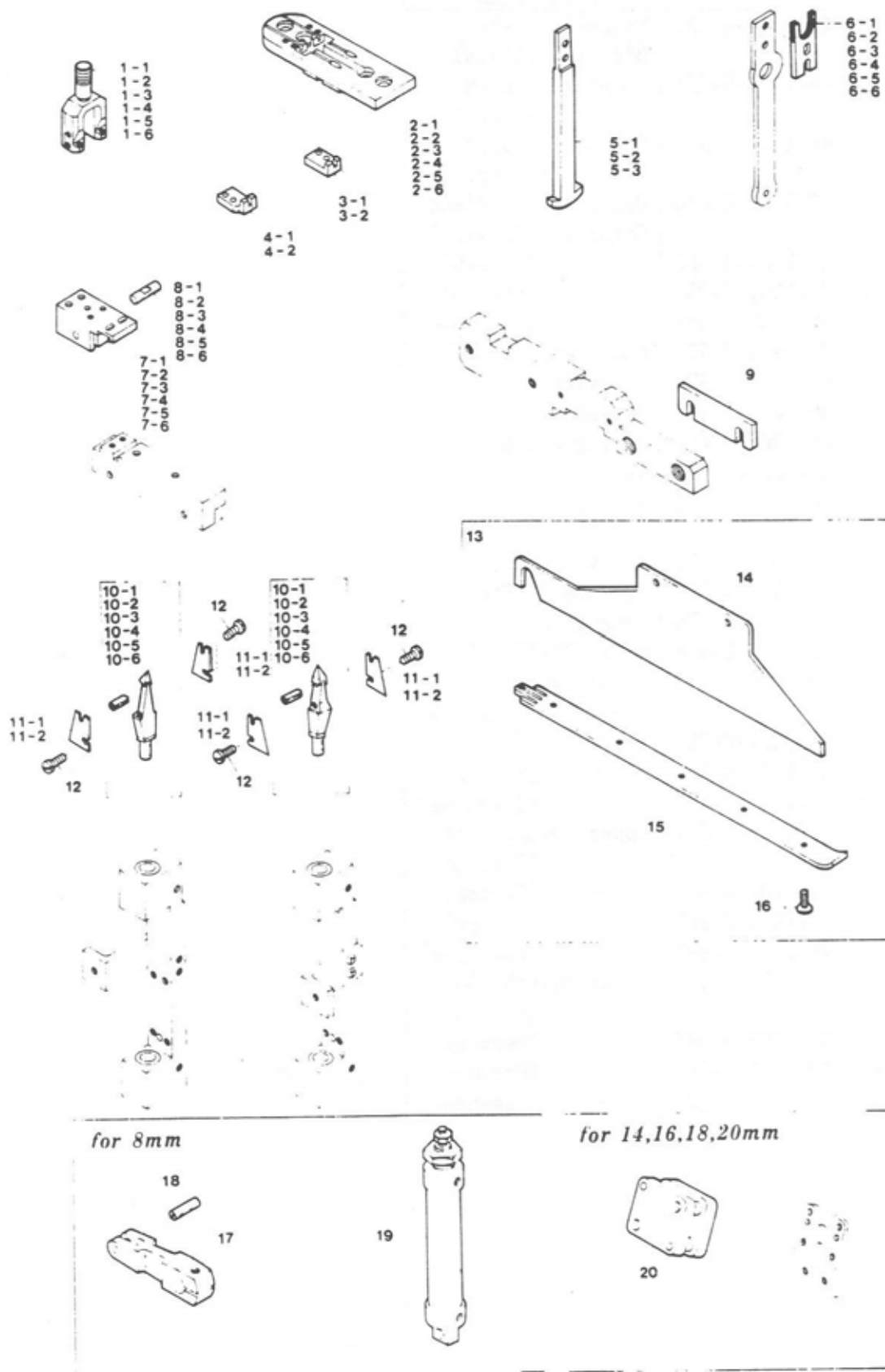
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**Series 46 PNEUMATIC VALVES,
CONTROL PANELS, ELEVERTOR PARTS**

Det. No	Parts No	Description
1	46-1001-0-237	Pneumatic Valve Block (16 Valves)
2	46-1001-0-235	Pneumatic Valve (4 Port)
3	46-1001-0-234	Pneumatic Valve (3 Port)
4-1	46-1001-4-910	Upper Switch Plate Complete (English)
4-2	46-1001-4-250	" (German)
4-3	46-1001-4-251	" (French)
4-4	46-1001-4-268	" (Japanese)
5	46-1001-4-735	Foot Rest
6	46-1000-9-970	Screw (M6-1 X 20)
7	46-1000-0-663	Washer
8	46-1000-0-667	Spring Washer
9	46-1000-0-011	Nut
10	46-1001-4-808	Holder
11	46-1000-9-761	Screw (M10-1.5 X 55)
12	46-1001-4-724	Adjustable Foot
13	46-1001-4-734	Extension
14	46-1000-9-895	Screw (M6-1 X 20)
15-1	46-1001-0-915	Lower Switch Plate Complete (English)
15-2	46-1001-4-252	" (German)
15-3	46-1001-4-253	" (French)
15-4	46-1001-4-269	" (Japanese)
16-1	46-1001-4-981	Upper Switch Plate (English)
16-2	46-1001-4-982	" (German)
16-3	46-1001-4-983	" (French)
16-4	46-1001-4-993	" (Japanese)
17-1	46-1001-4-984	Lower Switch Plate (English)
17-2	46-1001-4-985	" (German)
17-3	46-1001-4-986	" (French)
17-4	46-1001-4-994	" (Japanese)

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Series 46, 47-8, 12, 14, 16, 18, 20mm(1)



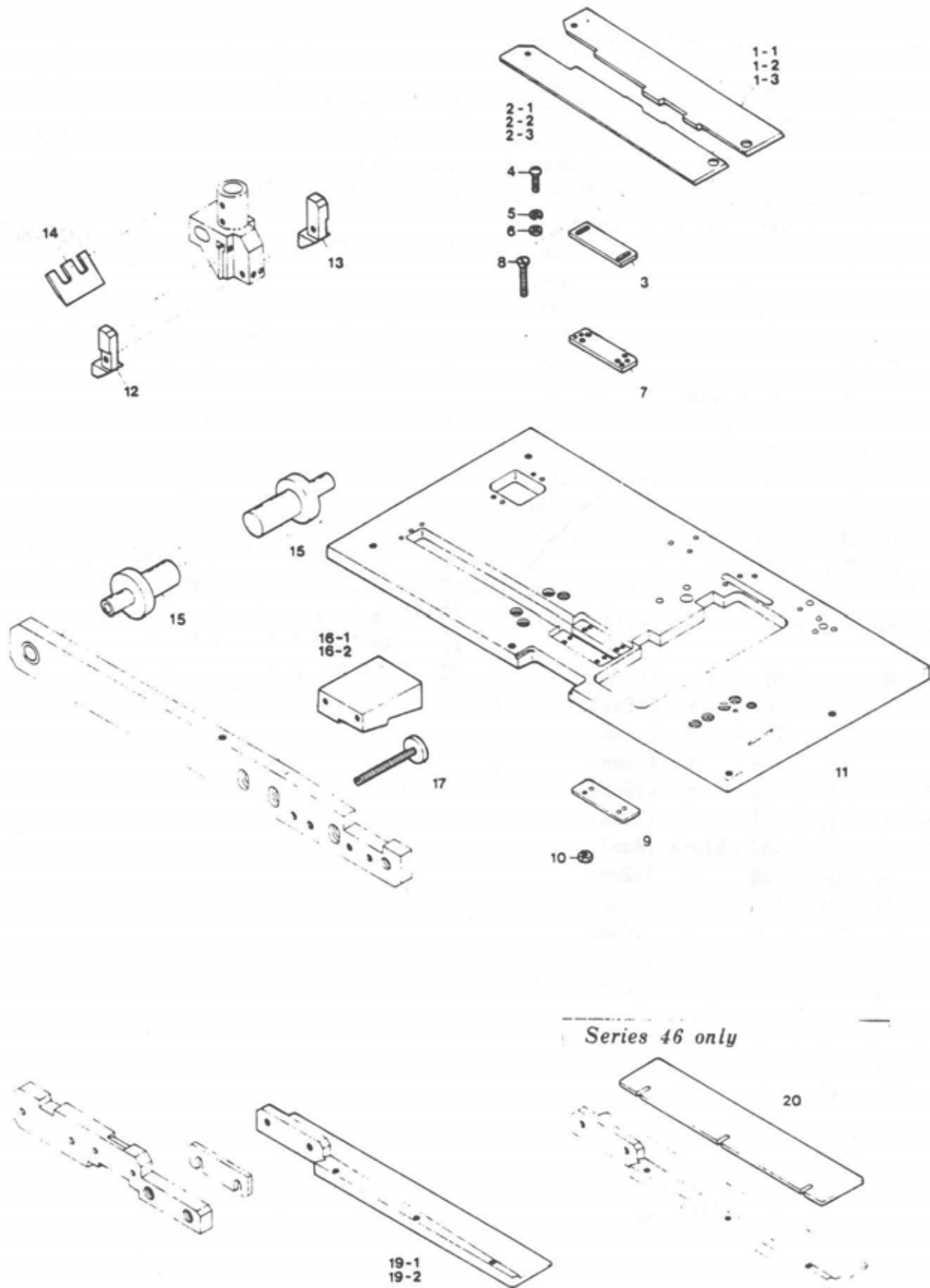
BITE GAUGE PARTS

Det. No	Parts No	Description
1-1	46-1001-5-446	Needle Head (8mm)
1-2	46-1001-4-434	" (12mm)
1-3	46-1001-5-203	" (14mm)
1-4	46-1001-5-251	" (16mm)
1-5	46-1001-5-252	" (18mm)
1-6	46-1001-5-253	" (20mm)
2-1	46-1001-5-448	Throat Plate (8mm)
2-2	46-1001-4-427	" (12mm)
2-3	46-1001-4-489	" (14mm)
2-4	46-1001-5-254	" (16mm)
2-5	46-1001-5-255	" (18mm)
2-6	46-1001-5-256	" (20mm)
3-1	46-1001-4-505	Fixed Knife (Right) (8,10,14,16,18,20mm)
3-2	46-1001-4-507	" (12mm)
4-1	46-1001-4-506	Fixed Knife (Left) (8,10,14,16,18,20mm)
4-2	46-1001-4-508	" (12mm)
5-1	46-1001-4-483	Pick-up (8,10,12,14mm)
5-2	46-1001-5-302	" (16,18,20mm)
6-1	46-1001-4-503	Knife (8,10mm)
6-2	46-1001-4-504	" (12mm)
6-3	46-1001-5-201	" (14mm)
6-4	46-1001-5-299	" (16mm)
6-5	46-1001-5-300	" (18mm)
6-6	46-1001-5-301	" (20mm)
7-1	46-1001-5-452	Block (8mm)
7-2	46-1001-4-538	" (12mm)
7-3	46-1001-5-202	" (14mm)
7-4	46-1001-5-293	" (16mm)
7-5	46-1001-5-294	" (18mm)
7-6	46-1001-5-295	" (20mm)
8-1	46-1001-5-445	Shaft (8mm)
8-2	46-1001-4-522	" (12mm)
8-3	46-1001-5-200	" (14mm)
8-4	46-1001-5-296	" (16mm)
8-5	46-1001-5-297	" (18mm)
8-6	46-1001-5-298	" (20mm)
9	-----	Clamp Foot Spacer (See Page 35,36)

Det. No	Parts No	Description
10-1	46-1001-5-451	Tab Finger (8mm)
10-2	46-1001-5-217	" (12mm)
10-3	46-1001-5-218	" (14mm)
10-4	46-1001-5-356	" (16mm)
10-5	46-1001-5-357	" (18mm)
10-6	46-1001-5-358	" (20mm)
11-1	46-1001-4-136	Tab Knife 1,12" - <i>dy ORC</i> (8,10,12,14mm)
11-2	46-1001-5-289	" (16,18,20mm)
12	46-1000-9-798	Screw (11/128-56×4)
13	-----	Patch Guide Complete (See Page 35,36)
14	-----	Patch Guide (Upper) (See Page 35,36)
15	-----	Patch Guide (Lower) (See Page 35,36)
16	46-1000-9-734	Screw (M2-0.4×4.8)
17	46-1001-5-447	Center Knife Lever
18	46-1001-5-449	Pin
19	46-1001-0-314	Tab Knife Cylinder
20	46-1001-0-311	Cylinder

27

Series 46, 47-16, 18, 20mm(2)



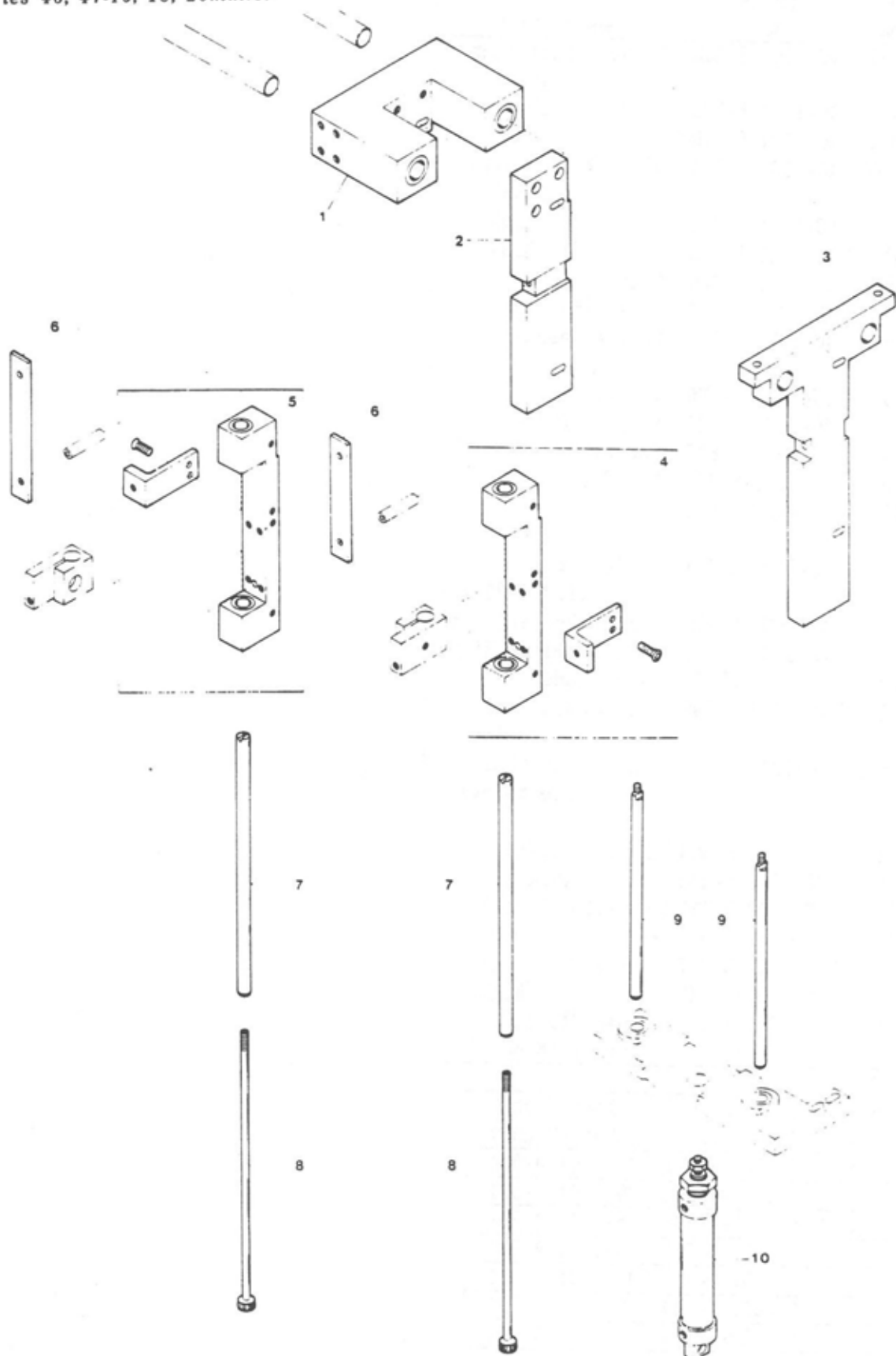
BITE GAUGE PARTS 16,18,20 mm ONLY

Det. No	Parts No	Description
1-1	46-1001-5-308	Slide Plate(Right) (16mm)
1-2	46-1001-5-309	" (18mm)
1-3	46-1001-5-310	" (20mm)
2-1	46-1001-5-311	Slide Plate(Left) (16mm)
2-2	46-1001-5-312	" (18mm)
2-3	46-1001-5-313	" (20mm)
3	46-1001-5-330	Plate
4	46-1000-9-954	Screw(M6-1×8)
5	46-1000-0-676	Spring Washer
6	46-1000-0-666	Washer
7	46-1001-5-329	Support Plate
8	46-1000-9-807	Screw(M8-1.25×36)
9	46-1001-5-328	Nut Plate
10	46-1000-0-016	Nut
11	46-1001-5-331	Table Top (16,18,20 mm)
12	46-1001-5-290	Thread Holder(Left)
13	46-1001-5-291	Thread Holder(Right)
14	46-1001-5-292	Trim Blade
15-1	46-1001-4-591	Clamp Foot Shaft (See Table below)
15-2	46-1001-5-244	Clamp Foot Shaft (See Table below)
16-1	46-1001-5-304	Support(Left)
16-2	46-1001-5-303	" (Right)
17	46-1000-9-733	Screw(M6-1×55)
18	.....	.....
19-1	46-1001-5-247	Clamp Foot(Left)
19-2	46-1001-5-248	" (Right)
20	46-1001-5-241	Cover Plate (Series 46 only)

Bite (mm)	Clamp Foot Shaft(Left)	Clamp Foot Shaft(Right)
8	46-1001-4-591	46-1001-4-591
10	46-1001-4-591	46-1001-4-591
12	46-1001-4-591	46-1001-4-591
14	46-1001-4-591	46-1001-4-591
16	46-1001-5-244	46-1001-4-591
18	46-1001-5-244	46-1001-4-591
20	46-1001-5-244	46-1001-5-244

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Series 46, 47-16, 18, 20mm(3)



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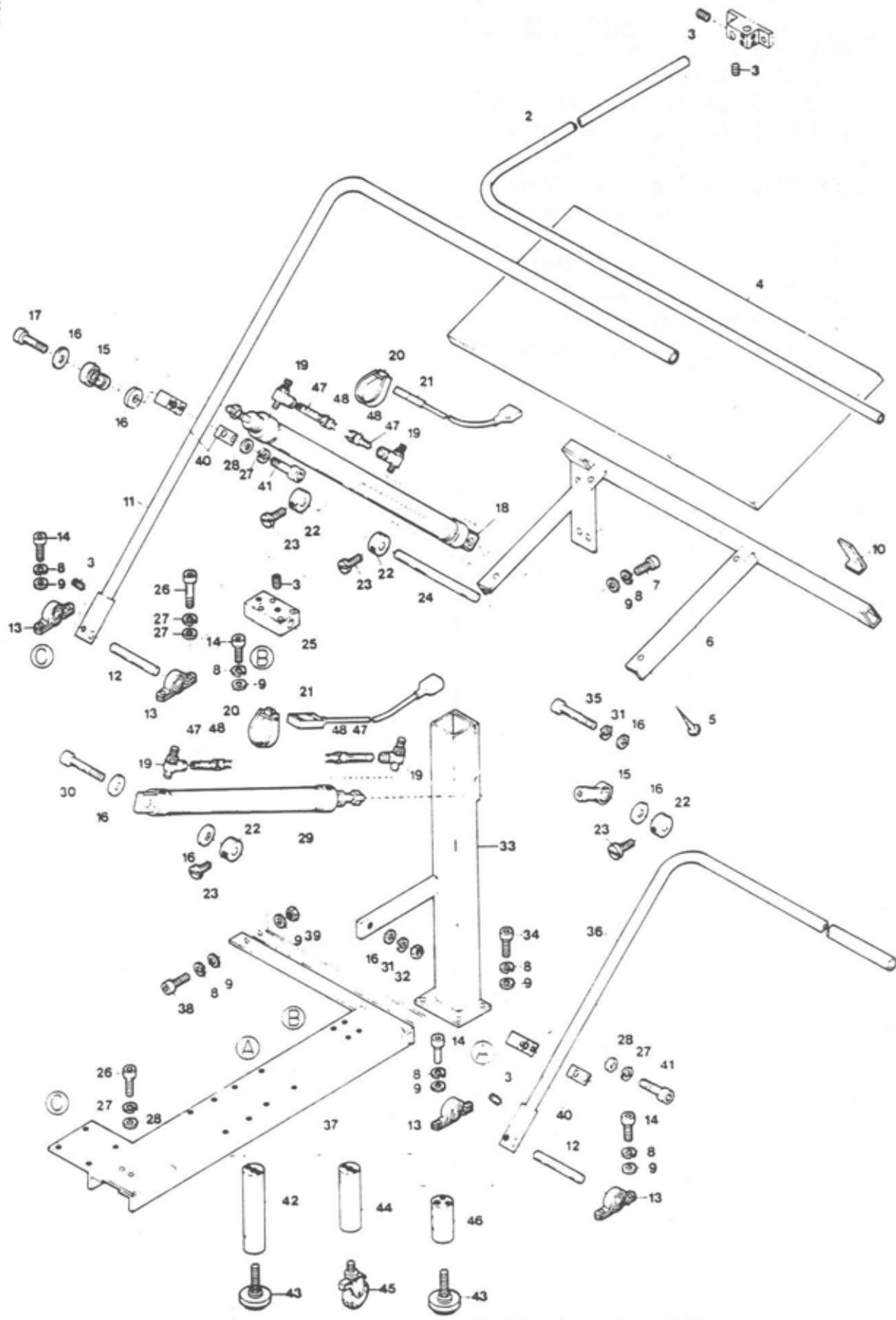
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TAB KNIFE GAUGE PARTS 16, 18, 20 mm

Det. No	Parts No	Description
1	46-1001-5-236	Slide Unit
2	46-1001-5-245	Block
3	46-1001-5-250	Shaft Holder(Front)
4	46-1001-5-237	Tab Finger Holder (Front) Complete
5	46-1001-5-238	Tab Finger Holder (Rear) Complete
6	46-1001-5-242	Plate
7	46-1001-5-240	Tab Knife Shaft
8	46-1001-5-243	Lock Screw
9	46-1001-5-257	Guide Shaft
10	46-1001-0-312	Tab Knife Cylinder

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1-1
1-2
1-3



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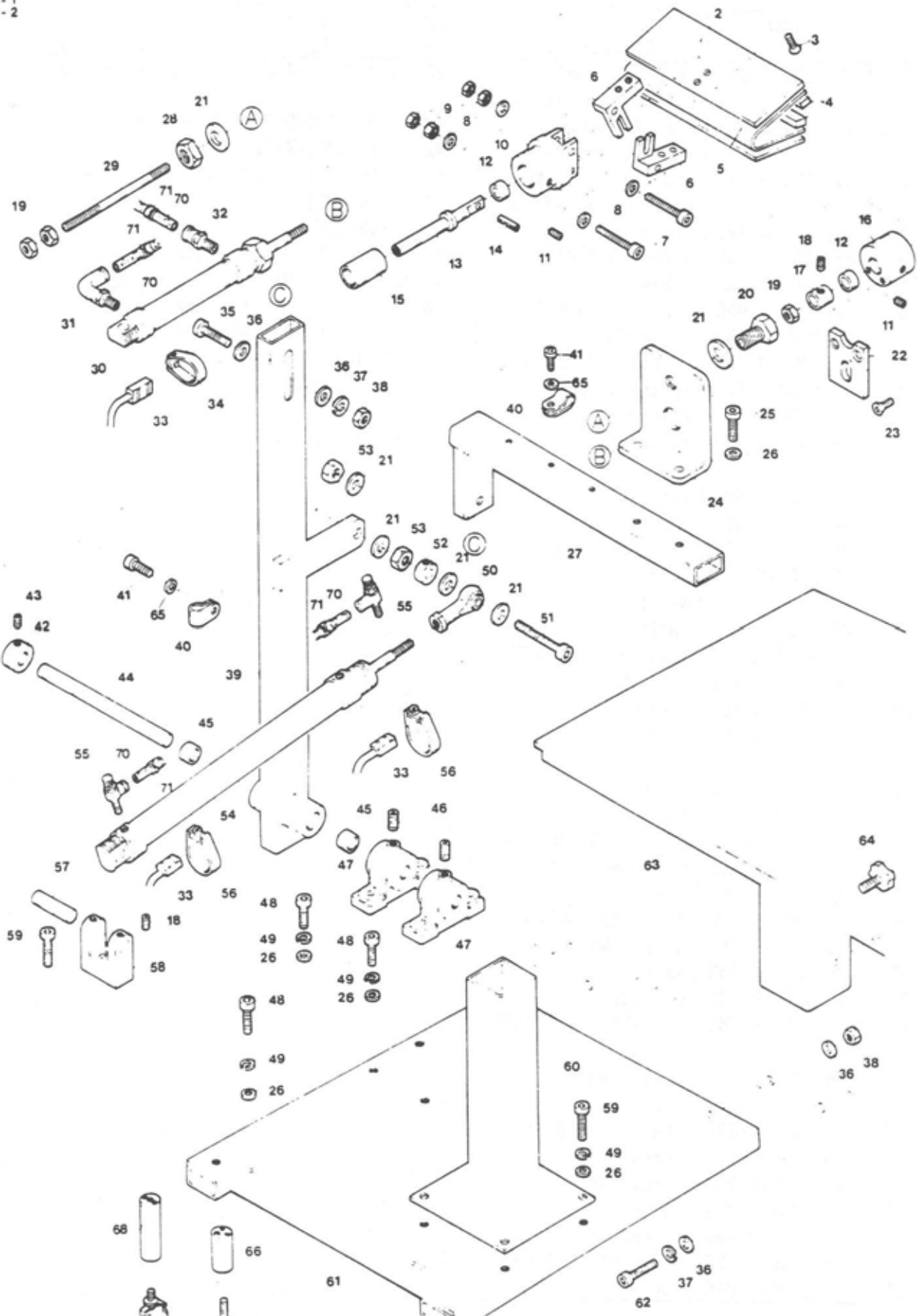
TROUSER PANEL STACKER

Det. Na	Parts Na	Description
1-1	46-1001-4-940	Stacker Complete with Det. Na 42,43
1-2	46-1001-5-429	Stacker Complete with Det. Na 44,45
1-3	46-1001-5-440	Stacker Complete with Det. Na 46,43
2	46-1001-4-887	Guard
3	46-1000-3-662	Screw (M6-1×6)
4	46-1001-4-885	Table
5	46-1000-6-905	Screw (φ 5.1×20)
6	46-1001-4-889	Table Holder
7	46-1000-9-757	Screw (M8-1.25×15)
8	46-1000-0-676	Spring Washer
9	46-1000-0-666	Washer
10	46-1001-5-239	Rubber
11	46-1001-4-946	Arm
12	46-1001-4-884	Shaft
13	46-1001-4-758	Shaft Bearing
14	46-1000-9-936	Screw (M8-1.25×20)
15	46-1001-4-401	Rod End
16	46-1000-0-432	Washer
17	46-1000-9-760	Screw (M10-1.5×35)
18	46-1001-0-297	Cylinder
19	46-1001-0-254	Speed Control
20	46-1001-0-302	Band
21	46-1001-0-922	Sensing Switch
22	46-1003-2-719	Collar
23	46-1000-4-351	Screw (9/64-40×7)
24	46-1001-4-883	Cylinder Shaft
25	46-1001-4-881	Shaft Holder
26	46-1000-9-970	Screw (M6-1×20)
27	46-1000-0-667	Spring Washer
28	46-1000-0-663	Washer
29	46-1001-0-298	Cylinder
30	46-1000-9-761	Screw (M10-1.5×55)
31	46-1000-0-439	Spring Washer
32	46-1000-0-260	Nut
33	46-1001-4-891	Stacker Support
34	46-1000-9-758	Screw (M8-1.25×30)
35	46-1000-6-208	Screw (M10-1.5×40)
36	46-1001-4-944	Clamp Arm
37	46-1001-4-890	Stacker Base
38	46-1000-9-759	Screw (M8-1.25×55)
39	46-1000-0-016	Nut

Det. Na	Parts Na	Description
40	46-1001-4-942	Cylinder Holder
41	46-1000-9-753	Screw (M6-1×30)
42	46-1001-4-892	Holder (180mm)
43	46-1001-4-724	Adjustable Foot
44	46-1001-4-734	Holder (97mm)
45	46-1001-5-235	Caster
46	46-1001-4-809	Holder (50mm)
47 ※	46-1001-0-260	Air Tubing (4×2.5mm)
48-1	46-1001-1-095	Marker (1)
48-2	46-1001-1-096	" (2)
48-3	46-1001-1-097	" (3)
48-4	46-1001-1-098	" (4)
※ Specify Length.		

30

1-1
1-2



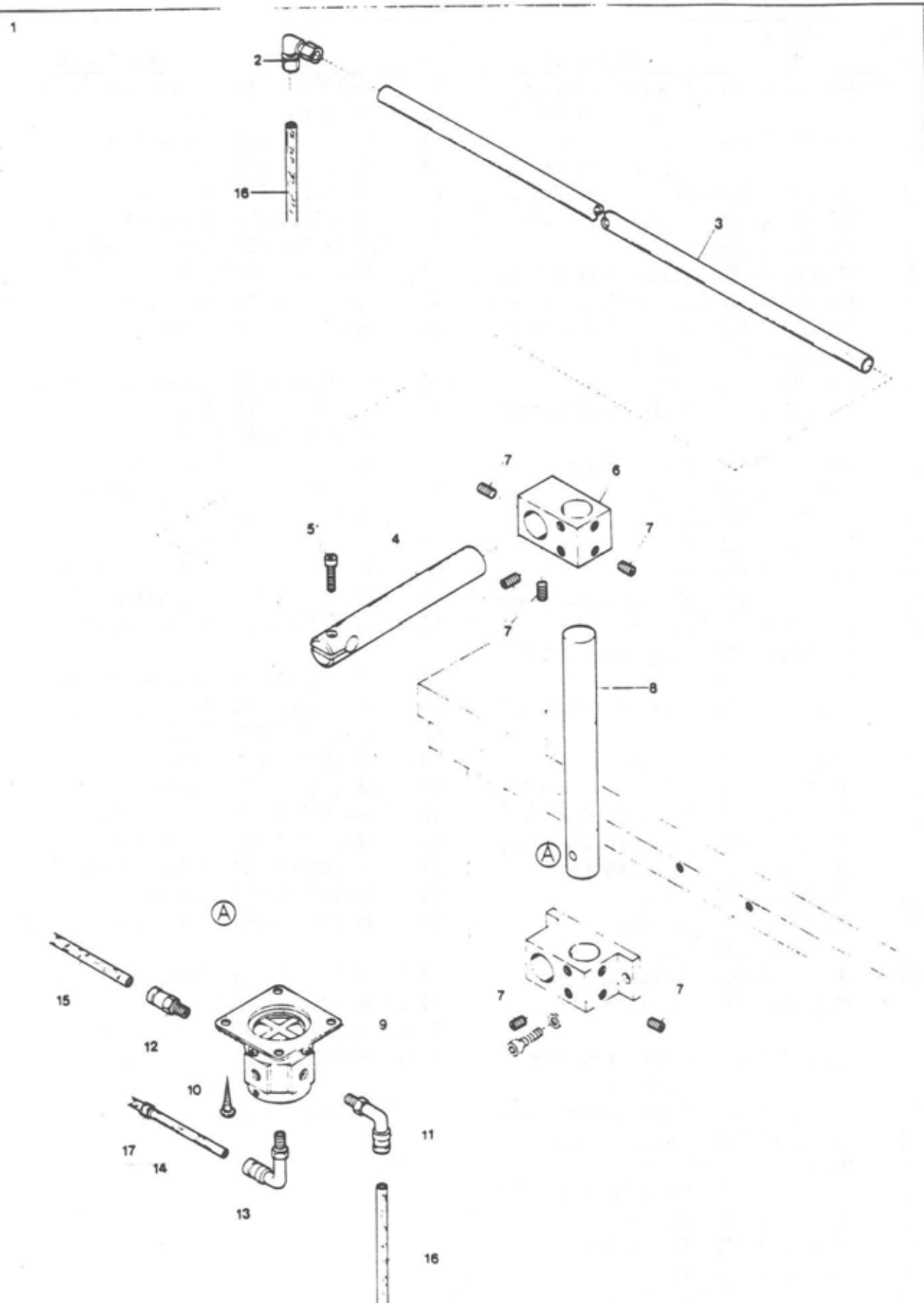
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WORK REMOVER

Det. No	Parts No	Description	Det. No	Parts No	Description
1-1	46-1001-4-941	Remover Complete with Det. No 66,67	41	46-1000-9-744	Screw(M3-0.5×10)
1-2	46-1001-5-430	Remover Complete with Det. No 68,69	42	46-1001-4-356	Collar
2	46-1001-4-858	Cloth Clamp Plate	43	46-1000-6-212	Screw(M5-0.8×6)
3	46-1000-9-776	Screw(M4-0.7×10)	44	46-1001-4-871	Shaft
4	46-1001-4-928	Rubber	45	46-1001-4-855	Bushing
5	46-1001-4-929	Clamp Plate Rubber	46	46-1000-3-655	Screw(M4-0.7×10)
6	46-1001-4-856	Clamp Plate Bracket	47	46-1001-4-861	Shaft Bearing
7	46-1000-9-800	Screw(M3-0.5×30)	48	46-1000-9-970	Screw(M6-1×20)
8	46-1000-0-014	Washer	49	46-1000-0-667	Spring Washer
9	46-1000-0-012	Nut	50	46-1001-4-401	Rod End
10	46-1001-4-874	Shaft Holder(Front)	51	46-1000-9-761	Screw(M10-1.5×55)
11	46-1000-3-662	Screw(M6-1×6)	52	46-1003-2-719	Collar
12	46-1001-4-867	Bushing	53	46-1000-0-260	Nut
13	46-1001-4-863	Shaft	54	46-1001-0-299	Cylinder
14	46-1000-0-037	Pin	55	46-1001-0-254	Speed Control
15	46-1001-4-866	Bushing	56	46-1001-0-302	Band
16	46-1001-4-865	Shaft Holder(Rear)	57	46-1001-4-872	Cylinder Pin
17	46-1001-4-869	Collar	58	46-1001-4-850	Cylinder Holder
18	46-1000-9-735	Screw(M4-0.7×4)	59	46-1000-9-976	Screw(M6-1×15)
19	46-1000-0-011	Nut	60	46-1001-4-873	Table Support
20	46-1000-6-199	Screw(M10-1.5×20)	61	46-1001-4-878	Remover Basement
21	46-1000-0-432	Washer	62	46-1000-9-759	Screw(M8-1.25×55)
22	46-1001-4-870	Cylinder Guide Plate	63	46-1001-4-875	Table
23	46-1000-9-775	Screw(M3-0.5×10)	64	46-1001-4-914	Knob
24	46-1001-4-864	Cylinder Support	65	46-1000-0-665	Washer
25	46-1000-9-754	Screw(M6-1×35)	66	46-1001-4-809	Holder(50mm)
26	46-1000-0-663	Washer	67	46-1001-4-724	Adjustable Foot
27	46-1001-4-876	Arm(Upper)	68	46-1001-4-734	Holder(97mm)
28	46-1000-0-054	Nut	69	46-1001-5-235	Caster
29	46-1001-4-868	Connecting Shaft	70	46-1001-0-260	Air Tubing(4×2.5mm)
30	46-1001-0-296	Cylinder	71-1	46-1001-1-095	Marker (1)
31	46-1001-0-057	Elbow Connector (φ 4-1/8)	71-2	46-1001-1-096	" (2)
32	46-1001-0-055	Connector(φ 4-1/8)	71-3	46-1001-1-097	" (3)
33	46-1001-0-922	Sensing Switch	71-4	46-1001-1-098	" (4)
34	46-1001-0-301	Band	※ Specify Length.		
35	46-1000-9-758	Screw(M8-1.25×30)			
36	46-1000-0-666	Washer			
37	46-1000-0-676	Spring Washer			
38	46-1000-0-016	Nut			
39	46-1001-4-877	Arm(Lower)			
40	46-1006-0-248	Cord Clamp(φ 5.3-3N)			

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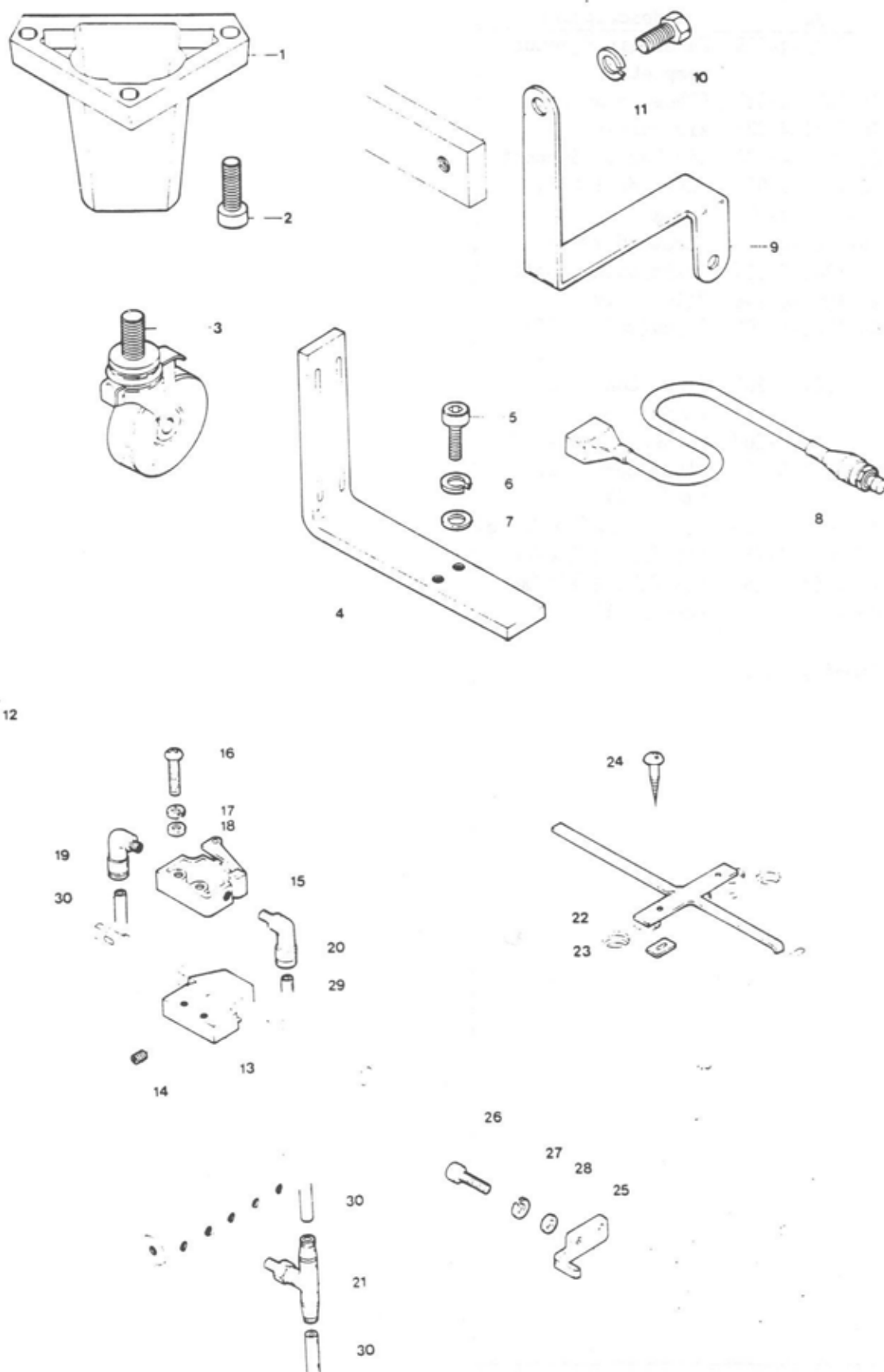
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e-mail: service@amfreece.cz; parts@amfreece.cz; website: www.amfreece.com
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TROUSER AIR EJECTOR

Det. No	Parts No	Description
1	46-1001-4-939	Panel Air Ejector Complete
2	46-1001-0-313	Elbow Connector
3	46-1001-4-935	Air Nozzle
4	46-1001-4-938	Air Nozzle Support
5	46-1000-9-976	Screw(M6-1×15)
6	46-1001-4-936	Block
7	46-1000-3-662	Screw(M6-1×6)
8	46-1001-4-937	Positioning Shaft
9	46-1001-0-148	Pilot Valve
10	46-1000-6-905	Screw(φ 5.1×20)
11	46-1001-0-265	Elbow Connector (φ 8-1/4)
12	46-1001-0-264	Connector(φ 6-1/4)
13	46-1001-0-057	Elbow Connector (φ 4-1/8)
14 ※	46-1001-0-260	Air Tubing(4×2.5mm)
15 ※	46-1001-0-261	Air Tubing(6×4mm)
16 ※	46-1001-0-262	Air Tubing(8×6mm)
17	46-1001-1-095	Marker (1)
※ Specify Length.		

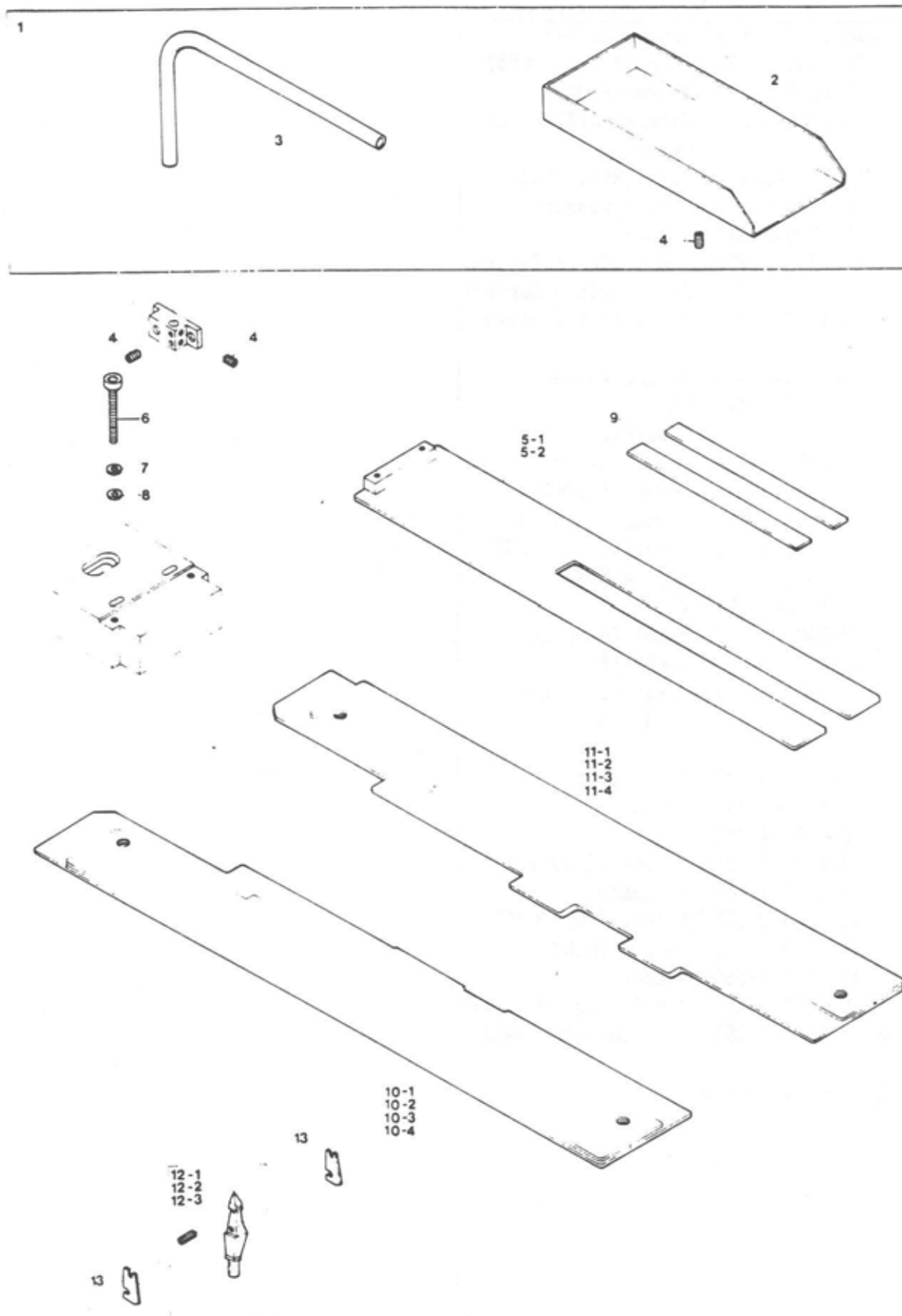
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ACCESSORY PARTS (1)

Det. No	Parts No	Description
1	46-1001-4-808	Extension Foot
2	46-1000-9-761	Screw (M10-1.5×55)
3	46-1001-5-224	Caster (M20)
4	46-1001-5-226	Extension (Stand up Operation)
5	46-1000-9-976	Screw (M6-1×15)
6	46-1000-0-667	Spring Washer
7	46-1000-0-663	Washer
8	46-1001-4-998	Manual Start Switch
9	46-1001-4-564	Start Switch Support
10	46-1000-9-777	Screw (M8-1.25×14)
11	46-1000-0-676	Spring Washer
12	46-1001-4-845	Stay Bracker Complete
13	46-1001-4-846	Valve Holder
14	46-1000-3-662	Screw (M6-1×6)
15	46-1001-0-306	Pneumatic Valve
16	46-1000-6-219	Screw (M4-0.7×30)
17	46-1000-0-644	Spring Washer
18	46-1000-0-665	Washer
19	46-1001-0-266	Elbow Connector (φ 6-1/8)
20	46-1001-0-057	Elbow Connector (φ 4-1/8)
21	46-1001-0-289	T-Connector
22	46-1001-4-848	Holder
23	46-1001-4-849	Spacer
24	46-1000-6-905	Screw (φ 5.1×20)
25	46-1001-4-847	Actuator
26	46-1000-9-935	Screw (M5-0.8×20)
27	46-1000-0-600	Spring Washer
28	46-1000-0-669	Washer
29 ※	46-1001-0-260	Air Tubing (4×2.5mm)
30 ※	46-1001-0-261	Air Tubing (6×4mm)
※ Specify Length.		

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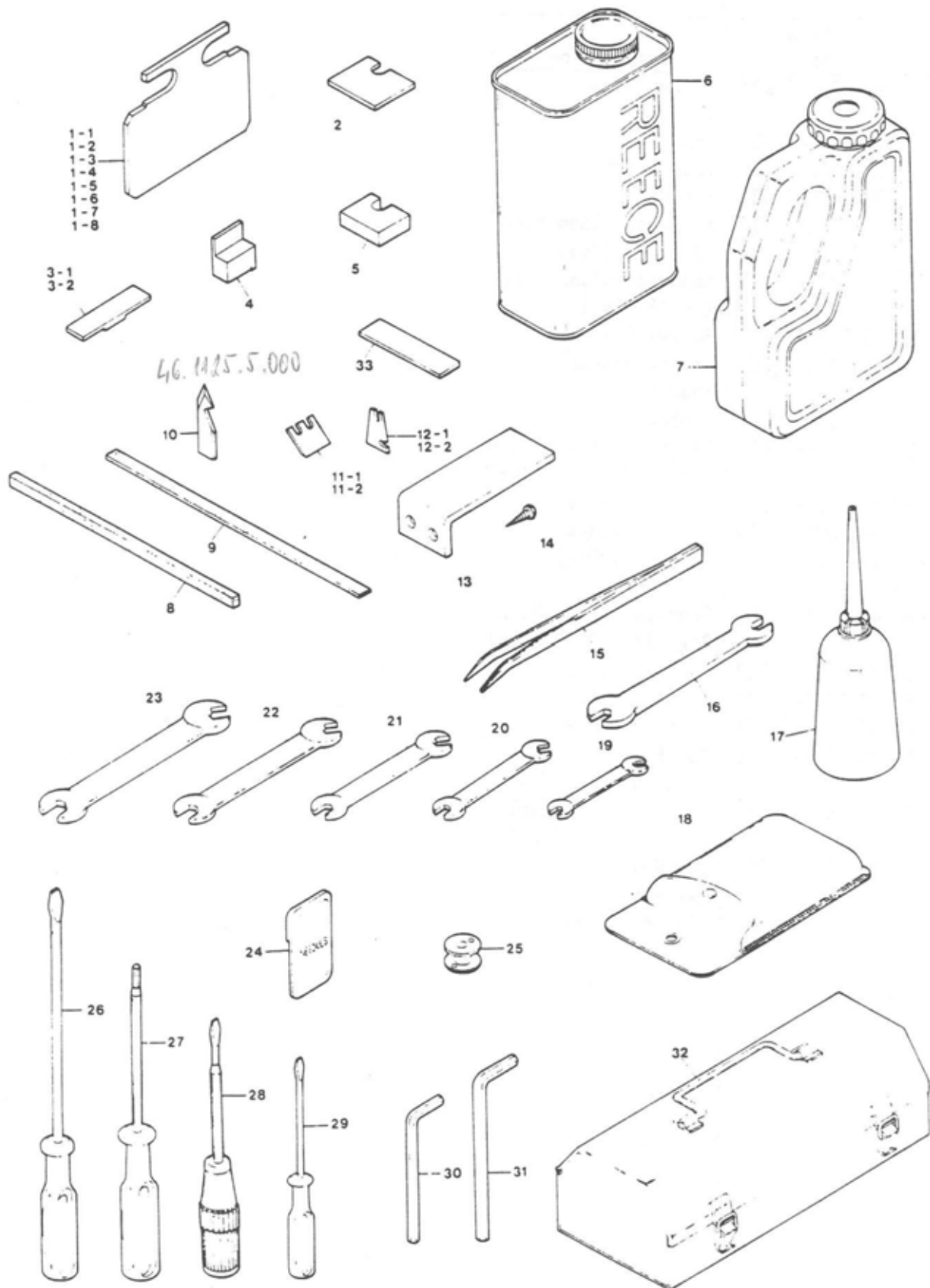
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e-mail: service@amfreece.cz; parts@amfreece.cz; website: www.amfreece.com
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ACCESSORY PARTS (2)

Det. No	Parts No	Description
1	46-1001-4-997	Bagging Tray Complete
2	46-1001-4-934	Tray
3	46-1001-4-931	Tray Shaft
4	46-1000-3-662	Screw
5-1	46-1001-4-678	Sandwich Clamp Foot (8,10,12,14mm)
5-2	46-1001-5-327	Sandwich Clamp Foot (16,18,20mm)
6	46-1000-9-810	Screw (M6-1×55)
7	46-1000-0-667	Spring Washer
8	46-1000-0-663	Washer
9	46-1001-4-588	Rubber
10-1	46-1001-4-634	Sandwich Slide Plate (Left) (8,10,12,14mm)
10-2	46-1001-5-317	" (16mm)
10-3	46-1001-5-318	" (18mm)
10-4	46-1001-5-319	" (20mm)
11-1	46-1001-4-630	Sandwich Slide Plate (Right) (8,10,12,14mm)
11-2	46-1001-5-323	" (16mm)
11-3	46-1001-5-324	" (18mm)
11-4	46-1001-5-325	" (20mm)
12-1	46-1001-5-466	Tab Finger (Wide Width) (16mm)
12-2	46-1001-5-468	" (18mm)
12-3	46-1001-5-470	" (20mm)
13	46-1001-5-230	Tab Knife (Wide Width) (16,18,20 mm)

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TOOLS, SPARE PARTS

Det. No	Parts No	Description
1-1	46-1001-5-434	Clamp Arm Gauge (2.0 mm)
1-2	46-1001-5-435	" (2.5 ")
1-3	46-1001-4-801	" (2.75 ")
1-4	46-1001-5-436	" (3.0 ")
1-5	46-1001-5-437	" (3.5 ")
1-6	46-1001-5-438	" (4.0 ")
1-7	46-1001-4-802	" (4.5 ")
1-8	46-1001-5-439	" (8.0 ")
2	46-1001-4-806	Needle & Hook Gauge
3-1	46-1001-4-803	Height Gauge(0.75mm)
3-2	46-1001-4-804	" (0.9 ")
4	46-1001-4-800	Needle Height Gauge
5	46-1001-4-805	Needle & Hook Gauge
6	46-1009-9-133	Hydraulic Oil(1Liter)
7	46-1001-5-177	Oil Tank
8	46-1001-4-590	Flap Clamp Rubber
9	46-1001-4-589	Clamp Rubber
10	46-1001-4-478	Center Knife 46 1125.5.000
11-1	46-1001-4-244	Trim Blade (8,10,12,14 mm)
11-2	46-1001-5-292	Trim Blade (16,18,20 mm)
12-1	46-1001-4-136	Tab Knife (8,10,12,14 mm)
12-2	46-1001-5-289	Tab Knife (16,18,20 mm)
13	46-1001-4-689	Lamp Holder
14	46-1000-6-209	Screw(ϕ 3.5×21.5)
15	46-1009-9-045	Tweezers
16	46-1001-5-154	Wrench(8×9mm)
17	46-1001-5-176	Oiler
18	46-1009-9-134	Wrench (8 pcs,per set)
19	46-1009-9-136	Wrench (7×5.5mm)
20	46-1009-9-137	" (8×7 ")
21	46-1009-9-138	" (12×10 ")
22	46-1009-9-139	" (13×11 ")
23	46-1009-9-140	" (17×14 ")

Det. No	Parts No	Description
24	02-0150-0-110	Needle,rd.pt., Fine (0)
	02-0150-0-111	Needle,rd.pt., Medium (1)
	02-0150-0-112	Needle,rd.pt., Heavy (2)
	02-0150-0-113	Needle,rd.pt., Very Heavy (3)
	02-0150-0-114	Needle,rd.pt., Extra Heavy
25	46-1001-5-081	Bobbin
26	46-1001-5-151	Screwdriver (5.5×190mm)
27	46-1003-7-919	Hexagonal Screw- driver(1.58mm.1/16)
28	46-1001-5-152	Screwdriver (3.4×70mm)
29	46-1001-5-153	Screwdriver (1.9×52mm)
30	46-1001-5-180	Wrench(2mm)
31	46-1001-5-179	Wrench(3mm)
32	46-1009-9-135	Accessory Box
33	46-1001-4-807	Fixed Knife Posi- tioning Gauge(2.95mm)

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BITE SIZE CONVERSION CHART 8, 10, 12, 14 mm

Bite Size	Patch Guide Width	Style	Needle Head	Throat Plate	Pick-up	Movable Knife <i>SPEEDWAY NIT</i>	Fixed Knife (Left) <i>SPEEDWAY NIT</i>	Fixed Knife (Right) <i>SPEEDWAY NIT</i>	Tab Finger
S46- 8	130	D	46-1001-5-446	46-1001-5-448	46-1001-4-483	46-1001-4-503	46-1001-4-506	46-1001-4-505	46-1001-5-451
- 8	130	S	"	"	"	"	"	"	"
- 8	145	S L/R	"	"	"	"	"	"	"
-10	170	D	46-1001-4-433	46-1001-4-426	"	"	"	"	46-1001-5-216
-10	170	S	"	"	"	"	"	"	"
-10	230	S L/R	"	"	"	"	"	"	"
-10	175	D	"	"	"	"	"	"	"
-10	175	S	"	"	"	"	"	"	"
-10	240	S L/R	"	"	"	"	"	"	"
-10	180	D	"	"	"	"	"	"	"
-10	180	S	"	"	"	"	"	"	"
-10	250	S L/R	"	"	"	"	"	"	"
-12	210	D	46-1001-4-434	46-1001-4-427	46-1001-4-484	46-1001-4-504	46-1001-4-508	46-1001-4-507	46-1001-5-217
-12	210	S	"	"	"	"	"	"	"
-12	290	S L/R	"	"	"	"	"	"	"
-12	220	D	"	"	"	"	"	"	"
-12	220	S	"	"	"	"	"	"	"
-12	310	S L/R	"	"	"	"	"	"	"
-12	230	D	"	"	"	"	"	"	"
-12	230	S	"	"	"	"	"	"	"
-12	330	S L/R	"	"	"	"	"	"	"
-14	260	D	46-1001-5-203	46-1001-4-489	"	46-1001-5-201	46-1001-4-506	46-1001-4-505	46-1001-5-218
-14	260	S	"	"	"	"	"	"	"
-14	370	S L/R	"	"	"	"	"	"	"
-14	270	D	"	"	"	"	"	"	"
-14	270	S	"	"	"	"	"	"	"
-14	390	S L/R	"	"	"	"	"	"	"

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BITE SIZE CONVERSION CHART 16, 18, 20 mm

Bite Size	Patch Guide Width	Style	Needle Head	Throat Plate	Pick-up	Movable Knife	Fixed Knife (Left)	Fixed Knife (Right)	Tab Finger
S46-16	280	S	46-1001-5-251	46-1001-5-254	46-1001-5-302	46-1001-5-299	46-1001-4-506	46-1001-4-505	46-1001-5-356
-16	280	D	"	"	"	"	"	"	"
-16	290	S	"	"	"	"	"	"	"
-16	290	D	"	"	"	"	"	"	"
-16	300	S	"	"	"	"	"	"	"
-16	300	D	"	"	"	"	"	"	"
-16	310	S	"	"	"	"	"	"	"
-16	310	D	"	"	"	"	"	"	"
-18	320	S	46-1001-5-252	46-1001-5-255	"	46-1001-5-300	"	"	46-1001-5-357
-18	320	D	"	"	"	"	"	"	"
-18	330	S	"	"	"	"	"	"	"
-18	330	D	"	"	"	"	"	"	"
-18	340	S	"	"	"	"	"	"	"
-18	340	D	"	"	"	"	"	"	"
-18	350	S	"	"	"	"	"	"	"
-18	350	D	"	"	"	"	"	"	"
-20	360	S	46-1001-5-253	46-1001-5-256	"	46-1001-5-301	"	"	46-1001-5-358
-20	360	D	"	"	"	"	"	"	"
-20	370	S	"	"	"	"	"	"	"
-20	370	S	"	"	"	"	"	"	"
-20	380	S	"	"	"	"	"	"	"
-20	380	D	"	"	"	"	"	"	"
-20	390	S	"	"	"	"	"	"	"
-20	390	D	"	"	"	"	"	"	"

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