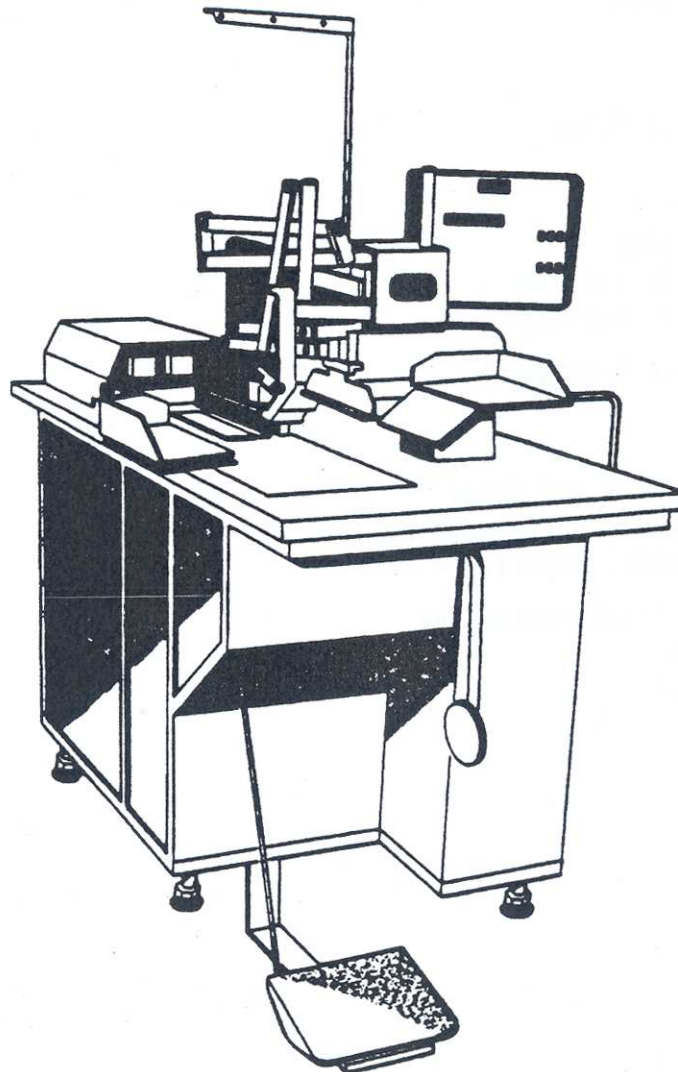


**AMF REECE**  
*Better Ideas, Better Made*

# Series 48

Lockstitch Pocket Welting Machines  
for  
Patch, Flap Loader and Accessory



Illustrated Parts Manual

## Numbering of Model Plate

(example) S 48-JA10-175D-22J-100

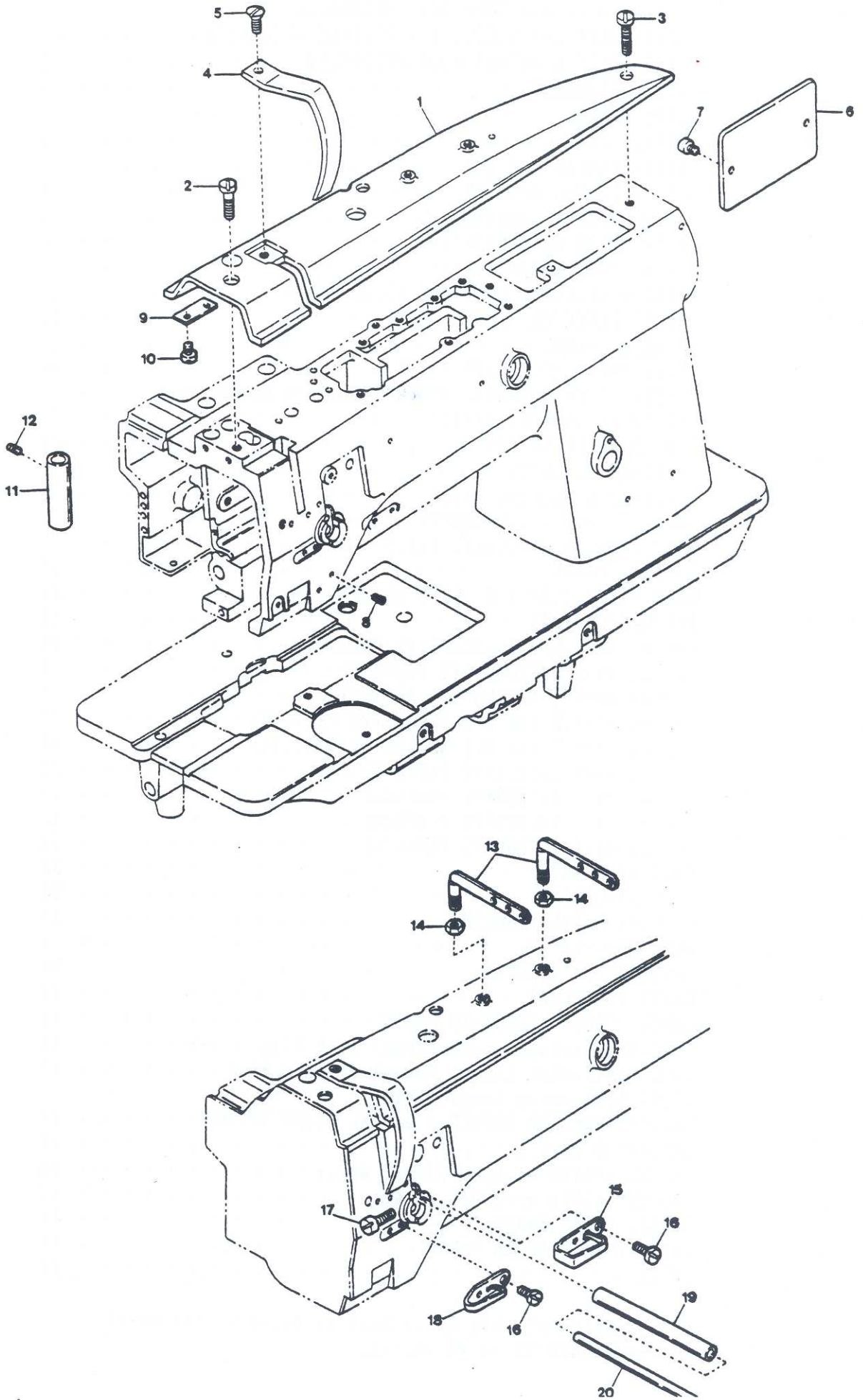
|            |            |            |            |            |            |            |            |  
①            ②③④            ⑤            ⑥            ⑦⑧            ⑨

- ① Symbol of Series
- ② Kind of Patch or/and Flap Loader  
E : without Patch and Flap Loader  
F : Patch Loader(Right), Complete  
G : Patch Loader(Left), Complete  
H : Patch and Flap Loader, Complete  
    (P=Right, F=Left)  
J : Patch and Flap Loader, Complete  
    (P=Left, F=Right)
- ③ Kind of Leg  
A : Adjustable Foot
- ④ Needle Distance  
10 : 10mm  
12 : 12mm
- ⑤ Size of Patch Guide  
175 : 17.5mm  
220 : 22.0mm
- ⑥ Kind of Welting  
S : for single welting  
D : for double welting
- ⑦ Indication of Voltage  
22 : 220V  
38 : 380V
- ⑧ Phase, Frequency and Motor  
J : 3phase, 60Hz, positioner motor  
C : 3phase, 50Hz, positioner motor
- ⑨ Language of Panel Indication  
100 : English  
400 : Japanese

# CONTENTS

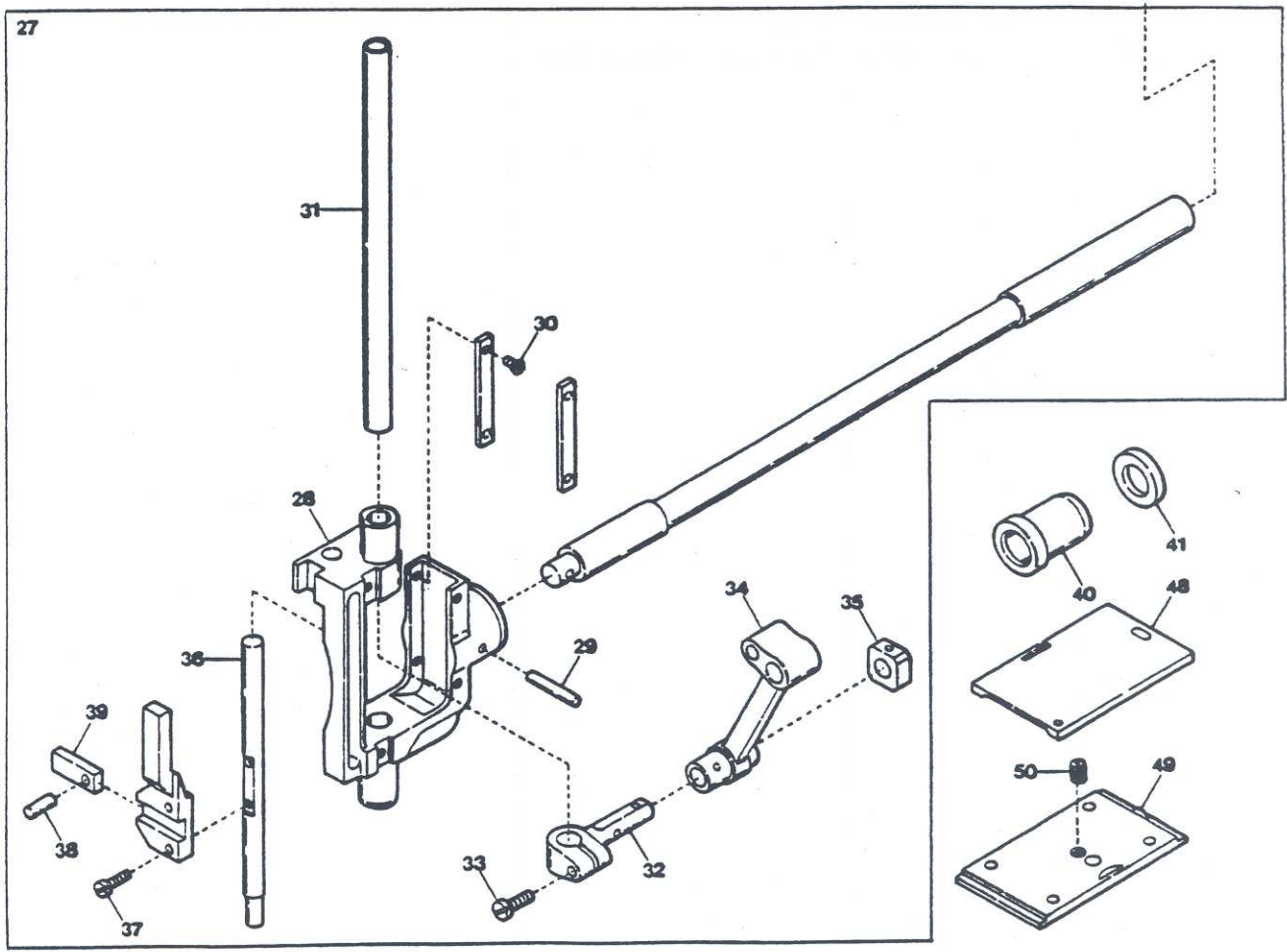
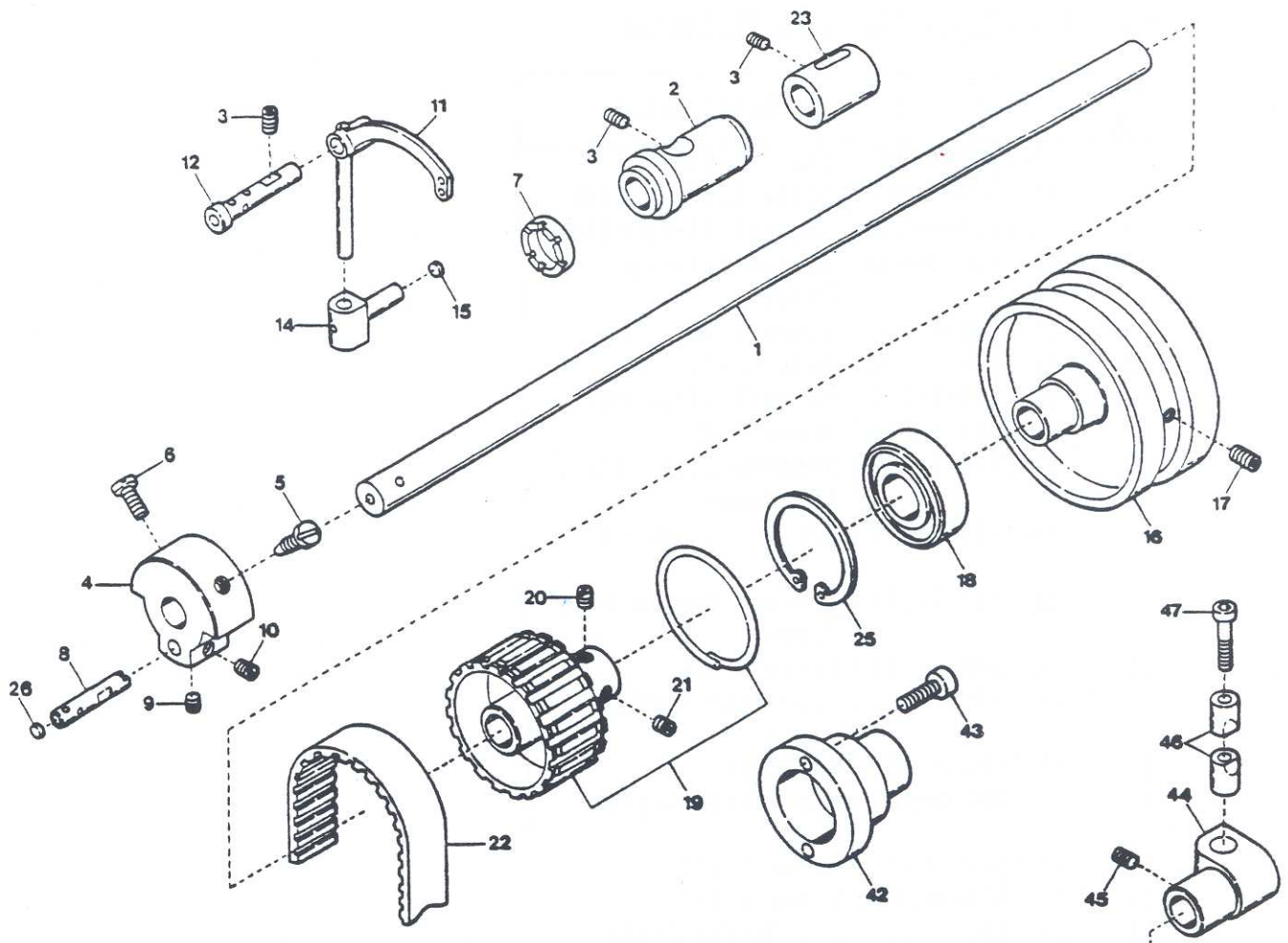
MACHINE BODY and THREADING MECHANISM . . . . .	1
UPPER SHAFT and NEEDLE BAR ROCKING MECHANISM . . . . .	2
LOWER SHAFT & ROTARY HOOK MECHANISM . . . . .	3
KNIFE MECHANISM . . . . .	4
LUBRICATION . . . . .	5
THREAD STAND . . . . .	6
NEEDLE THREAD MONITOR . . . . .	7
BOBBIN THREAD MONITOR . . . . .	8
PATCH GUIDE MECHANISM(1) . . . . .	9
PATCH GUIDE MECHANISM(2) . . . . .	10
PATCH GUIDE MECHANISM(3) . . . . .	11
TENSION RELEASE, LOCATING LIGHT PARTS . . . . .	12
FABRIC DETECTOR, HINGE PARTS . . . . .	13
FRAME & COVERS . . . . .	14
TABLE TOP & ASSOCIATE PARTS . . . . .	15
CENTER KNIFE & UPPER, LOWER THREAD TRIMMING PARTS . . . . .	16
TAB KNIFE SUPPORT PARTS . . . . .	17
TAB KNIFE DRIVE PARTS . . . . .	18
CARRIAGE ASSEMBLY . . . . .	19
CLAMPING & FOLDING PARTS . . . . .	20
CARRIAGE DRIVE COMPONENTS . . . . .	21
FOOT TREADLE ASSOCIATE PARTS . . . . .	22
CONTROL PANEL . . . . .	23
MAIN POWER SUPPLY & DRIVE MOTOR . . . . .	24
PNEUMATIC PARTS . . . . .	25
Series 48-F,G,H,J EXCLUSIVE PARTS(1) . . . . .	26
Series 48-F,H EXCLUSIVE PARTS(2) . . . . .	27
Series 48-G,J EXCLUSIVE PARTS(2) . . . . .	28
Series 48-F,H and G,J EXCLUSIVE PARTS(3) . . . . .	29
Series 48-F,G and H,J EXCLUSIVE PARTS(4) . . . . .	30
Series 48-H EXCLUSIVE PARTS(5) . . . . .	31
Series 48-H EXCLUSIVE PARTS(6) . . . . .	32
Series 48-J EXCLUSIVE PARTS(5) . . . . .	33
Series 48-J EXCLUSIVE PARTS(6) . . . . .	34
COAT STACKER(1) . . . . .	35
COAT STACKER(2) . . . . .	36
TROUSER PANEL STACKER . . . . .	37
WORK REMOVER . . . . .	38
TROUSER AIR EJECTOR . . . . .	39
DARTS STRETCHER . . . . .	40
LARGE BOBBIN ASSOCIATE PARTS . . . . .	41
LONG SEW(Sewing Length 220mm) with Flap . . . . .	42
LONG SEW(Sewing Length 220mm) without Flap . . . . .	43
SHORT SEW(Sewing Length 20mm), PADDING BREAKER DEVICE & MANUAL START SWITCH . . . . .	44
SANDWITCH DEVICE . . . . .	45
VACUUM SYSTEM without Blower Motor . . . . .	46
VACUUM SYSTEM with Blower Motor . . . . .	47
TOOLS, SPARE PARTS . . . . .	48
LIST of MAIN SPARE PARTS . . . . .	49
INDEX . . . . .	50

Illustration of this Parts Book is based on the Model  
Series48-EA10(12, 14, 16, 18, 20).



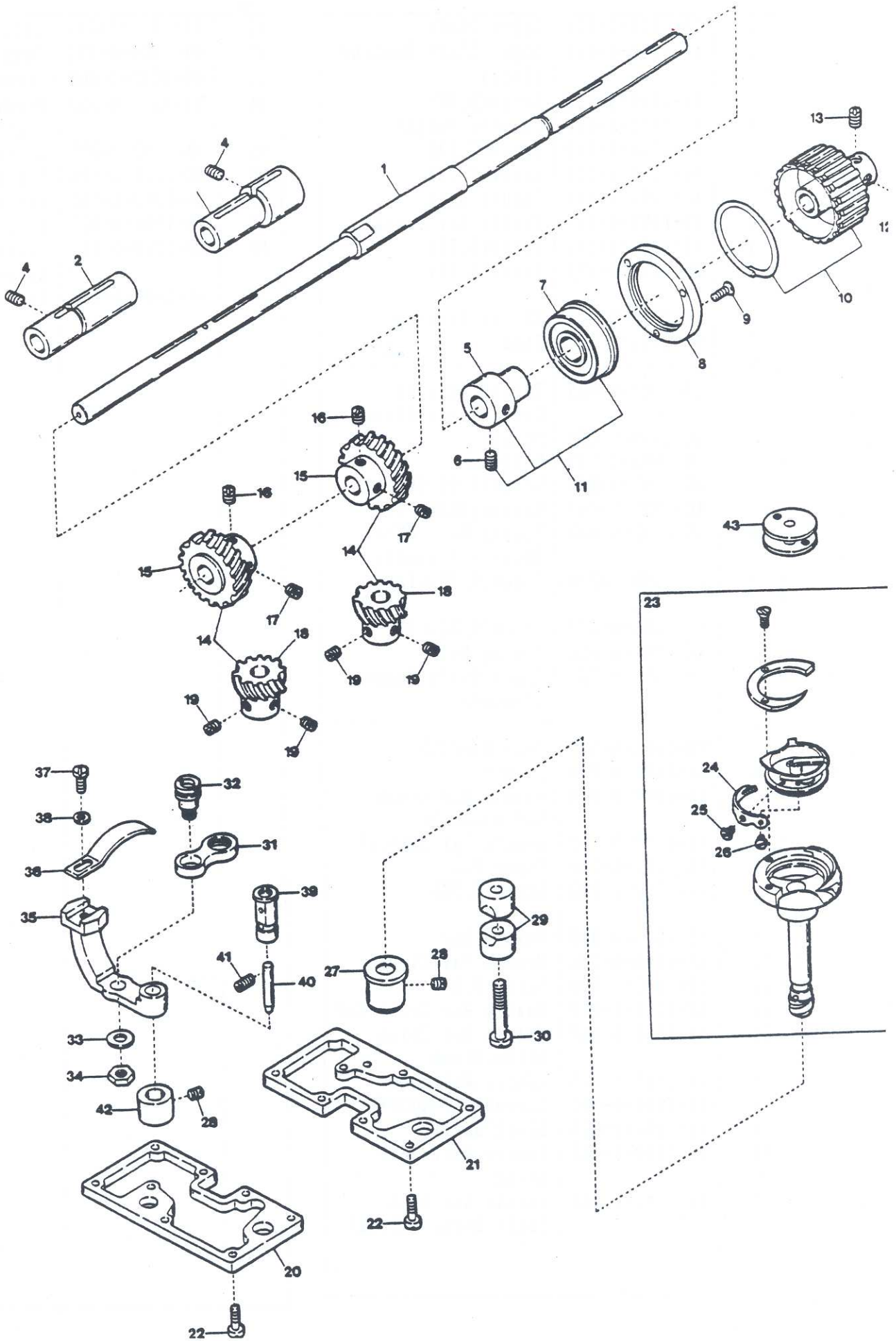
## MACHINE BODY and THREADING MECHANISM

Det. No	Parts. No	Description
1	48-1900-0-030	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	Thread Take-up Cover
5	48-1092-0-000	Screw(4.76)
6	48-1900-0-032	Rear Cover
7	46-1000-8-202	Screw(3.57-40×6)
8	46-1000-8-245	Screw(4.37)
9	48-1900-0-033	Supplementary Arm Top Cover
10	48-1092-0-001	Screw(3.18-40×4)
11	46-1001-5-054	Presser Bar Bushing (Upper)
12	46-1000-8-289	Screw(5.95)
13	46-1001-5-003	Top Cover Thread Guide
14	46-1000-8-252	Nut(5.95)
15	46-1001-5-020	Arm Thread Guide (Upper)
16	46-1000-8-229	Screw(3.57)
17	46-1000-8-203	Screw(3.57)
18	46-1001-5-021	Arm Thread Guide (Center)
19	46-1001-5-022	Pipe
20	46-1001-5-023	Tension Release Bar



Det. No	Parts. No	Description
1	48-1900-0-034	Upper Shaft
2	48-1900-0-035	Upper Shaft Bushing (Left)
3	46-1000-8-233	Screw(5.95)
4	46-1001-5-033	Counter Weight
5	46-1000-8-205	Screw(7.14)
6	46-1000-8-206	Screw(7.14)
7	46-1001-5-034	Thrust Ring
8	48-1900-0-036	Needle Bar Crank
9	48-1092-0-002	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	.....	.....
14	46-1001-5-029	Thread Take-up Lever Slide Block
15	46-1001-5-030	Pusher
16	48-1900-0-039	Pulley
17	48-1092-0-003	Screw(5.95-28×14)
18	46-1001-5-041	Bearing(6204 VV)
19	46-1001-5-039	Timing Belt Wheel (Upper) Assembly
20	46-1000-8-236	Screw(6.35×12)
21	46-1000-8-237	Screw(6.35×12)
22	46-1001-5-038	Timing Belt
23	46-1001-5-037	Upper Shaft Bushing (Center)
24	.....	.....
25	46-1001-5-040	Stop Ring(C)
26	48-1900-0-040	Pusher
27	48-1900-0-041	Needle Bar Crank Rod Assembly
28	48-1900-0-042	Needle Bar Support
29	46-1001-5-109	Taper Pin
30	46-1000-8-230	Screw(2.38)
31	48-1900-0-043	Needle Bar
32	48-1900-0-044	Needle Bar Clamp
33	48-1092-0-004	Screw(3.57)
34	46-1001-5-046	Needle Bar Crank Rod
35	46-1001-5-047	Needle Bar Guide Slide Block
36	48-1900-0-045	Center Knife Bar
37	46-1000-8-207	Screw(3.57-40×8)
38	48-1900-0-046	Block Shaft
39	48-1900-0-047	Center Knife Bar Block
40	48-1900-0-048	Needle Bar Rock Shaft Bushing(Left)

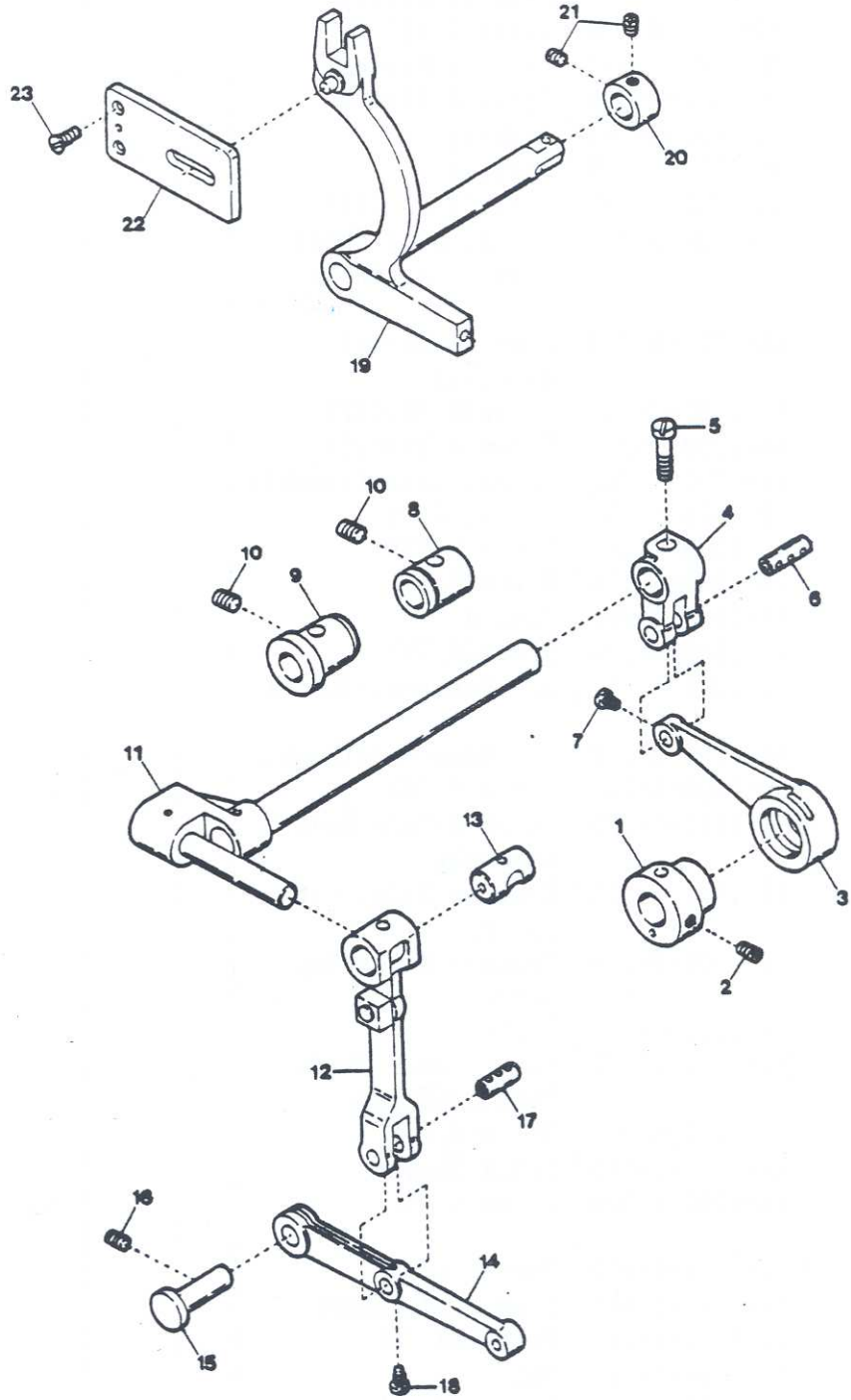
Det. No	Parts. No	Description
41	48-1900-0-051	Spacer
42	48-1900-0-052	Coupling Joint
43	48-1092-0-006	Screw(4.76-32×14)
44	48-1900-0-050	Needle Bar Rock Shaft Stop
45	48-1092-0-005	Screw(6.35)
46	46-1001-5-184	Pinch Sleeve
47	46-1000-9-753	Screw(M6×30)
48	46-1001-5-025	Slide Plate(Right)
49	48-1900-0-049	Slide Plate Front Assembly
50	46-1000-8-238	Screw(5.16)





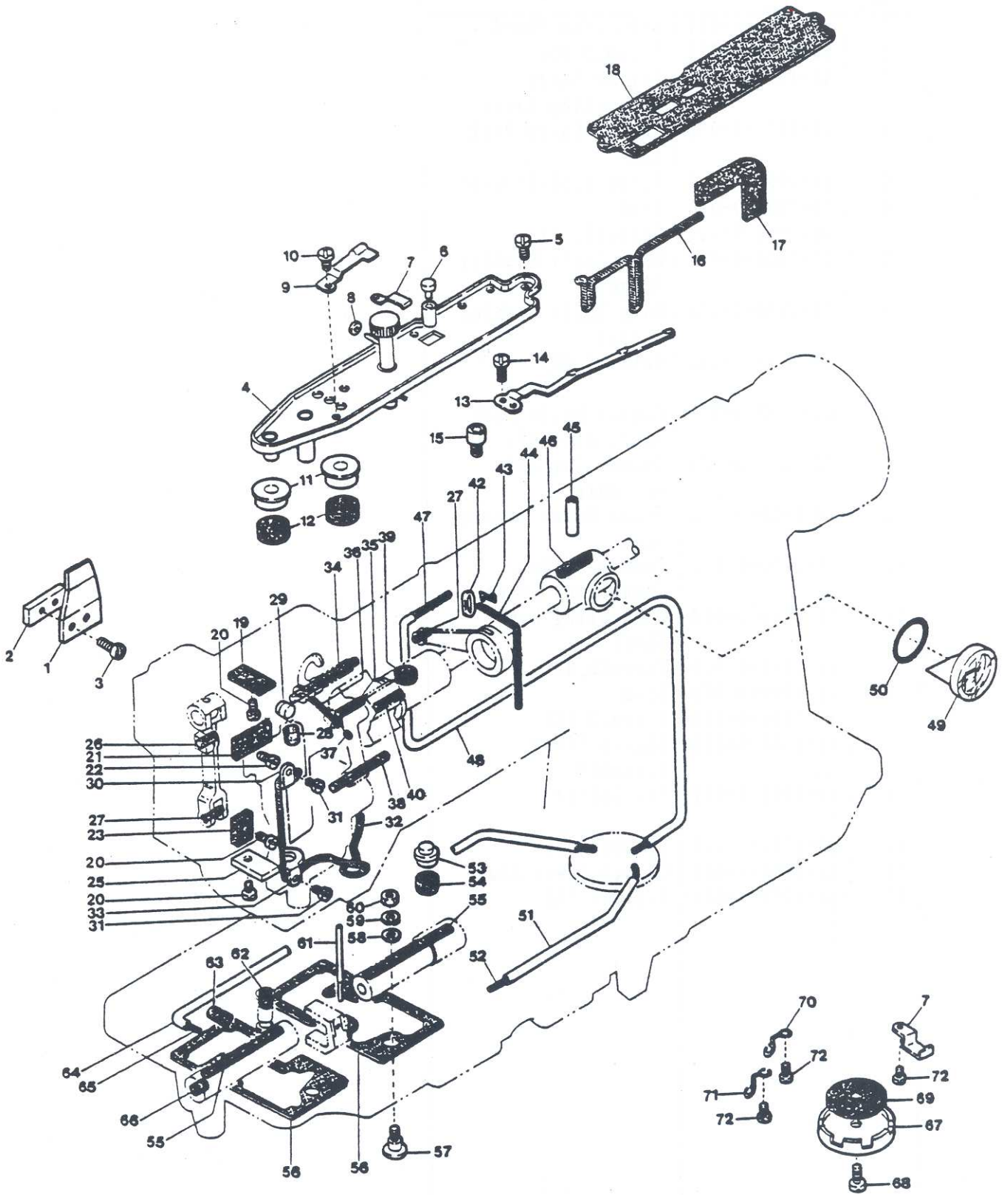
Det. No	Parts. No	Description
1	46-1001-5-059	Lower Shaft
2	46-1001-5-060	Rotary Hook Base Bushing(Left)
3	46-1001-5-061	Rotary Hook Base Bushing(Right)
4	46-1000-8-239	Screw(5.95)
5	46-1001-5-062	Bearing Holder
6	46-1000-8-242	Screw(6.35×7)
7	46-1001-5-063	Bushing
8	46-1001-5-065	Presser
9	48-1092-0-007	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	48-1900-0-053	Spiral Gear Assembly
15	48-1900-0-054	Spiral Gear
16	46-1000-8-243	Screw(6.35)
17	46-1000-8-235	Screw(6.35)
18	48-1900-0-055	Pinion
19	46-1000-8-234	Screw(6.35)
20	46-1001-5-084	Oil Reservoir(Left)
21	46-1001-5-088	Oil Reservoir(Right)
22	46-1000-8-208	Screw(4.76)
23	48-1125-5-705	Outer Rotary Hook Assembly
24	46-1001-5-078	Tension Adjusting Spring
25	46-1000-8-209	Tension Adjusting Screw
26	46-1000-8-210	Screw
27	46-1001-5-075	Rotary Hook Shaft Bushing(Upper)
28	46-1000-8-240	Screw(4.76)
29	46-1001-5-076	Pinch Sleeve
30	48-1092-0-008	Screw(5.95)
31	46-1001-5-070	Opener Link
32	46-1001-5-071	Link Stud Opener
33	46-1000-8-257	Washer(4.76)
34	48-1093-0-000	Nut
35	46-1001-5-069	Opener Crank
36	46-1001-5-068	Bobbin Case Opener
37	46-1000-8-207	Screw(3.57-40×8)
38	48-1093-0-001	Washer
39	46-1001-5-072	Opener Crank Stud
40	46-1001-5-073	Pipe

Det. No	Parts. No	Description
41	46-1000-8-241	Screw(4.76)
42	46-1001-5-074	Rotary Hook Shaft Bushing(Lower)
43	46-1001-5-081	Bobbin



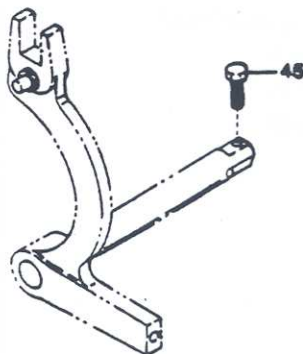
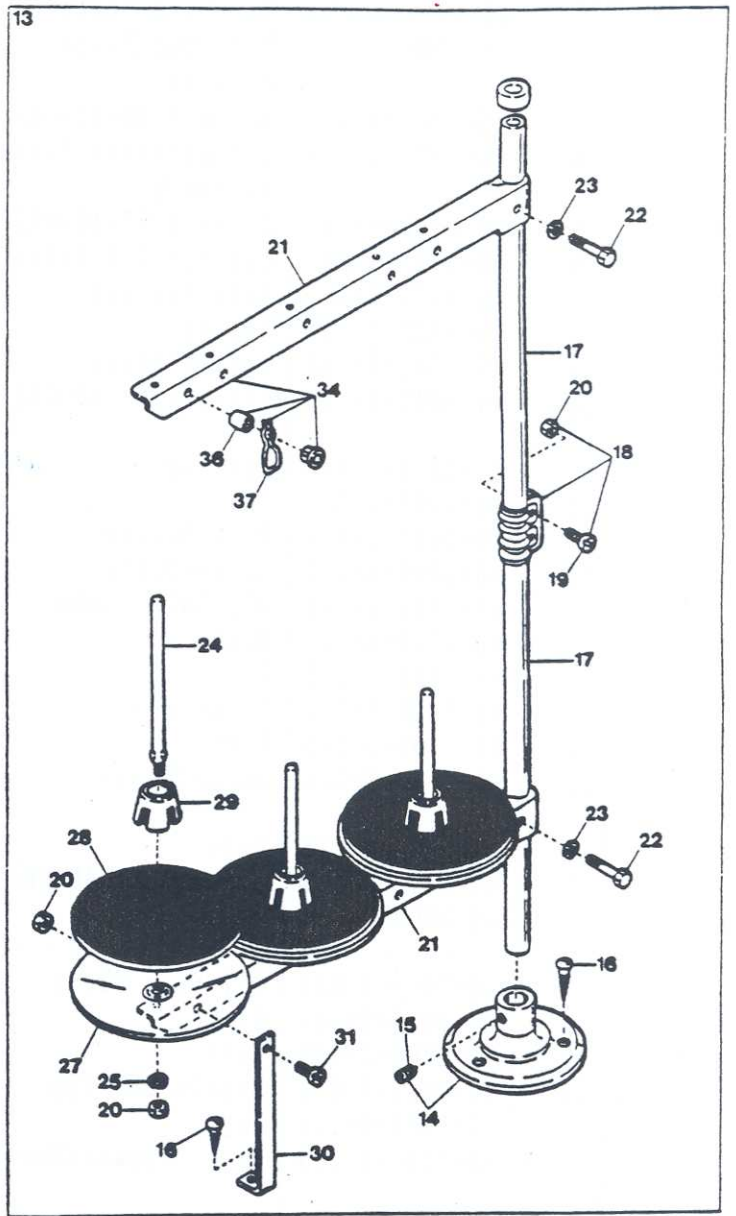
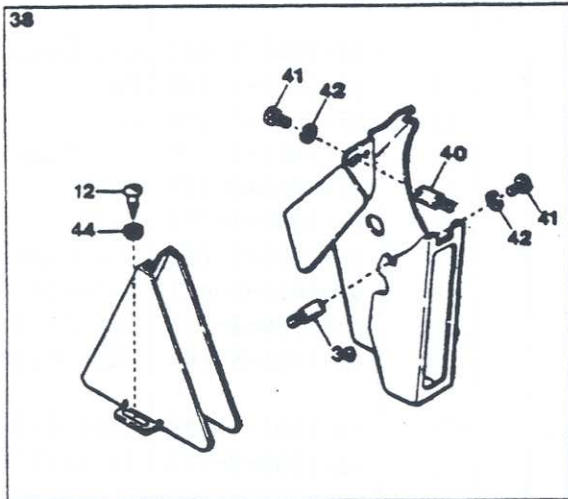
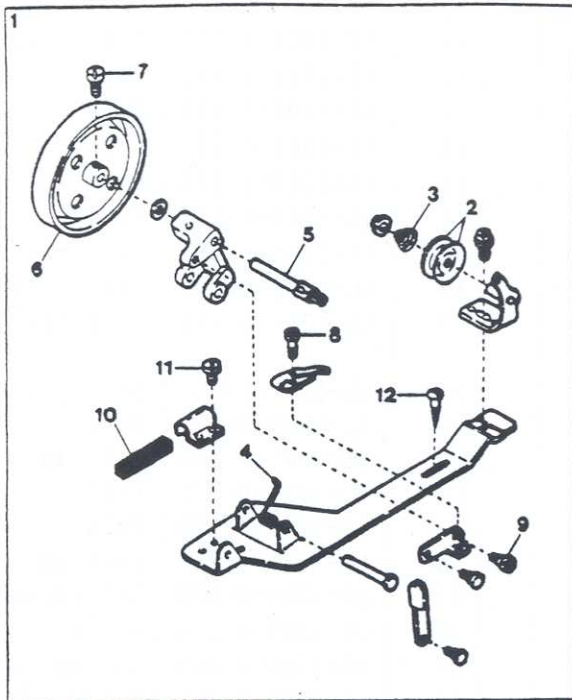
KNIFE MECHANISM

Det. No	Parts. No	Description
1	48-1900-0-067	Eccentric Wheel
2	48-1092-0-010	Screw(5.95)
3	48-1900-0-069	Center Knife Connecting Lever
4	48-1900-0-070	Center Knife Rock Arm
5	48-1092-0-011	Screw(5.56-32×16)
6	48-1900-0-071	Stud
7	48-1092-0-012	Screw(3.18)
8	48-1900-0-072	Rock Shaft Bushing (Right)
9	48-1900-0-073	Rock Shaft Bushing (Left)
10	48-1092-0-013	Screw(5.95)
11	48-1900-0-074	Center Knife Rock Shaft Assembly
12	48-1900-0-075	Connecting Rod Assembly
13	48-1900-0-076	Slide Block Driving Stud
14	48-1900-0-077	Center Knife Connecting Lever
15	48-1900-0-078	Connecting Lever Shaft
16	48-1092-0-015	Screw(5.95)
17	48-1900-0-079	Stud
18	48-1092-0-016	Screw(3.18)
19	48-1900-0-080	Change Lever Assembly
20	48-1900-0-081	Set Collar
21	48-1092-0-017	Screw(5.95)
22	48-1900-0-082	Change Lever Stop
23	48-1092-0-018	Screw(4.76)



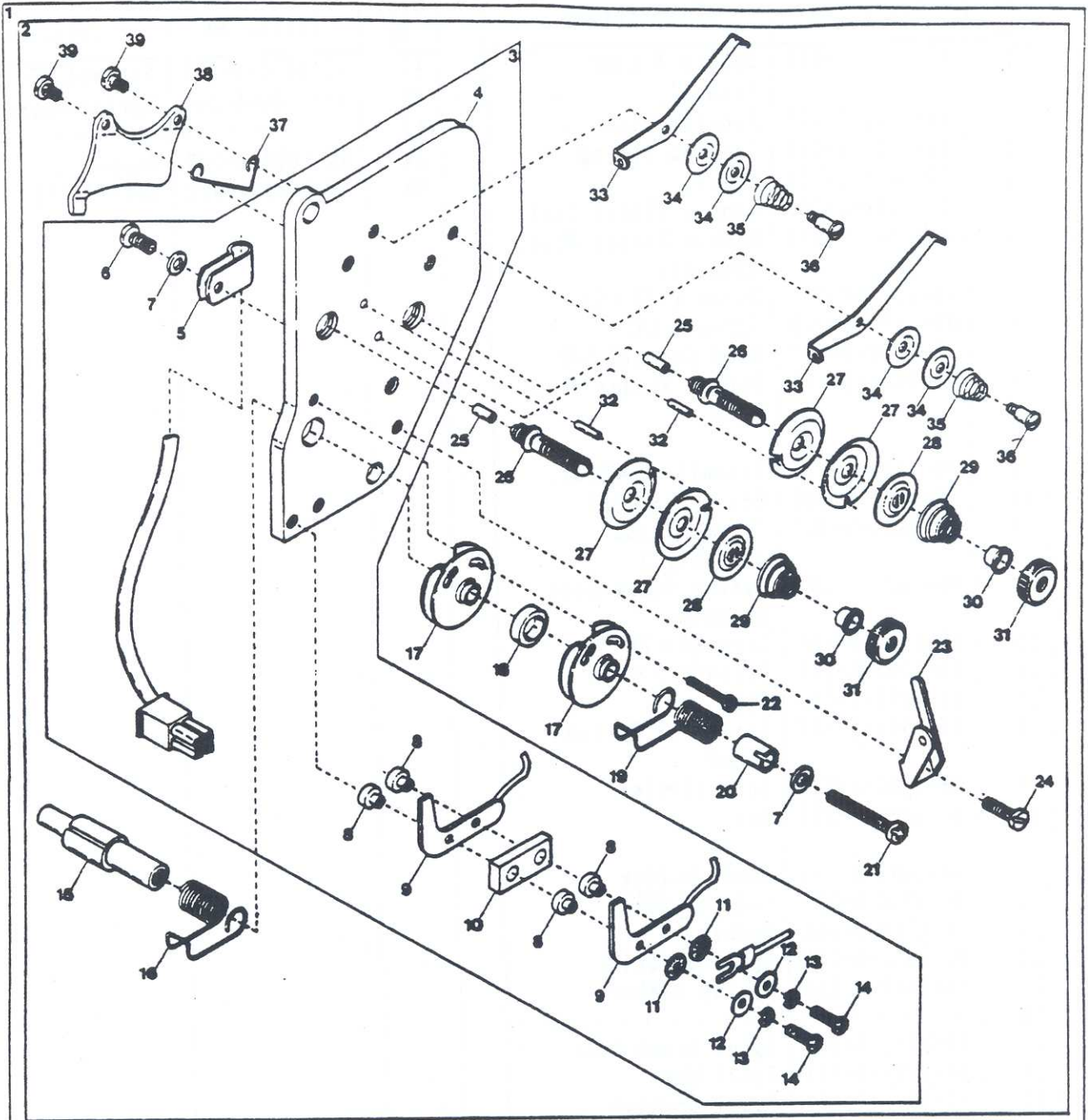
Det. No	Parts. No	Description
1	48-1900-0-086	Oil Stop Plate
2	46-1001-5-097	Oil Stop Plate Presser
3	46-1000-8-211	Screw(4.76-32×8)
4	46-1001-5-089	Oil Receiver Plate Assembly
5	46-1000-8-202	Screw(3.57-40×6)
6	46-1001-5-092	Cap for Oil Inlet
7	46-1001-5-091	Felt Presser
8	46-1000-8-261	Washer
9	46-1001-5-090	Spring Plate
10	46-1000-8-216	Screw(3.57-40×4)
11	48-1900-0-097	Oil Cup
12	48-1900-0-098	Felt
13	46-1001-5-094	Wick Holder
14	46-1000-8-212	Screw(3.18)
15	46-1000-8-248	Oil Guide Tube
16	46-1000-8-267	Wick
17	46-1000-8-273	Felt
18	46-1001-5-093	Packing
19	48-1900-0-095	Felt
20	48-1092-0-021	Screw(3.57)
21	46-1000-8-277	Felt
22	46-1000-8-215	Screw(3.57-40×6)
23	48-1900-0-096	Felt
24	.....	.....
25	48-1900-0-093	Oil Stop Plate
26	48-1093-0-003	Wick
27	48-1900-0-099	Felt
28	46-1001-5-043	Needle Bar Cap
29	48-1900-0-101	Cap
30	48-1900-0-089	Wick Support(Upper)
31	48-1092-0-020	Screw(3.18-40×4)
32	46-1000-8-266	Wick
33	48-1900-0-090	Wick Support(Lower)
34	46-1000-8-269	Wick
35	46-1000-8-272	Wick
36	48-1093-0-004	Wick
37	48-1900-0-102	Cap(Rubber)
38	46-1000-8-271	Wick
39	46-1000-8-274	Felt
40	46-1000-8-268	Wick

Det. No	Parts. No	Description
41	.....	.....
42	48-1900-0-092	Oil Shield
43	48-1900-0-091	Clip
44	48-1093-0-002	Wick
45	46-1001-5-073	Pipe
46	46-1000-8-279	Felt
47	46-1000-8-282	Wick
48	46-1001-5-099	Oil Tube
49	46-1001-5-108	Oil Gauge Window
50	46-1001-5-095	Packing(P16)
51	46-1001-5-101	Oil Tube
52	46-1000-8-284	Wick
53	46-1001-5-098	Oil Cap
54	46-1000-8-275	Felt
55	46-1000-8-278	Felt
56	48-1900-0-087	Packing
57	46-1000-8-226	Oil Adjusting Screw
58	46-1000-8-260	Washer
59	46-1000-8-264	Spring Washer
60	46-1000-8-255	Nut(4.37)
61	48-1900-0-088	Oil Gauge
62	46-1000-8-280	Felt
63	46-1000-8-276	Felt
64	46-1001-5-100	Oil Tube
65	46-1000-8-283	Wick
66	46-1000-8-281	Felt
67	46-1001-5-105	Oil Pipe Support
68	46-1000-8-213	Screw(4.76-32×10)
69	46-1000-8-287	Oil Felt
70	46-1001-5-107	Tube Holder
71	46-1001-5-106	Tube Holder
72	46-1000-8-214	Screw(3.57-40×5)



Det. No	Parts. No	Description
1	46-1001-5-174	Bobbin Winder Assembly
2	46-1001-5-170	Tension Disc
3	46-1001-5-169	Tension Spring
4	46-1001-5-171	Spring
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	Bobbin Winder Wheel 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	Cotton Stand Assembly 3
14	46-1001-5-166	Cotton Stand 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 for Cotton Stand
19	46-1000-8-220	Screw(5×14)
20	46-1000-8-251	Nut
21	46-1001-5-164	Spool Holder
22	46-1000-8-221	Bolt(5×28)
23	46-1000-8-262	Washer
24	46-1001-5-159	Spool Shaft(B)
25	46-1000-8-265	Spring Washer
26	.....	.....
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	Spool Holder Support(A)
31	46-1000-8-222	Screw(5×10)
32	.....	.....
33	.....	.....
34	46-1001-5-156	Thread Hanger Assembly 3
35	.....	.....
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)

Det. No	Parts. No	Description
41	46-1000-8-223	Screw(4.37-40×8)
42	46-1000-8-264	Spring Washer
43	.....	.....
44	46-1000-8-263	Washer
45	48-1092-0-022	Bolt(4.37)

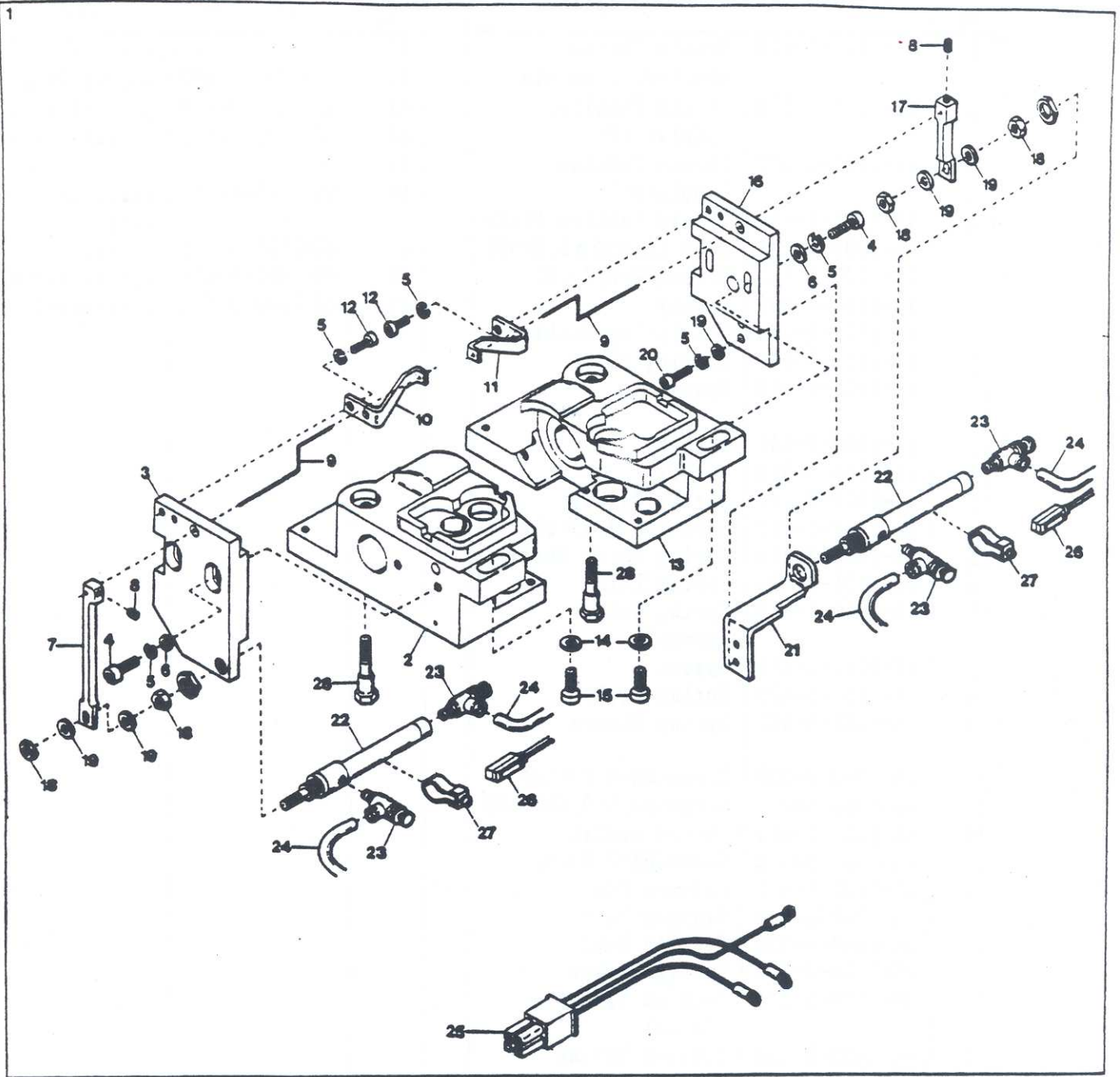




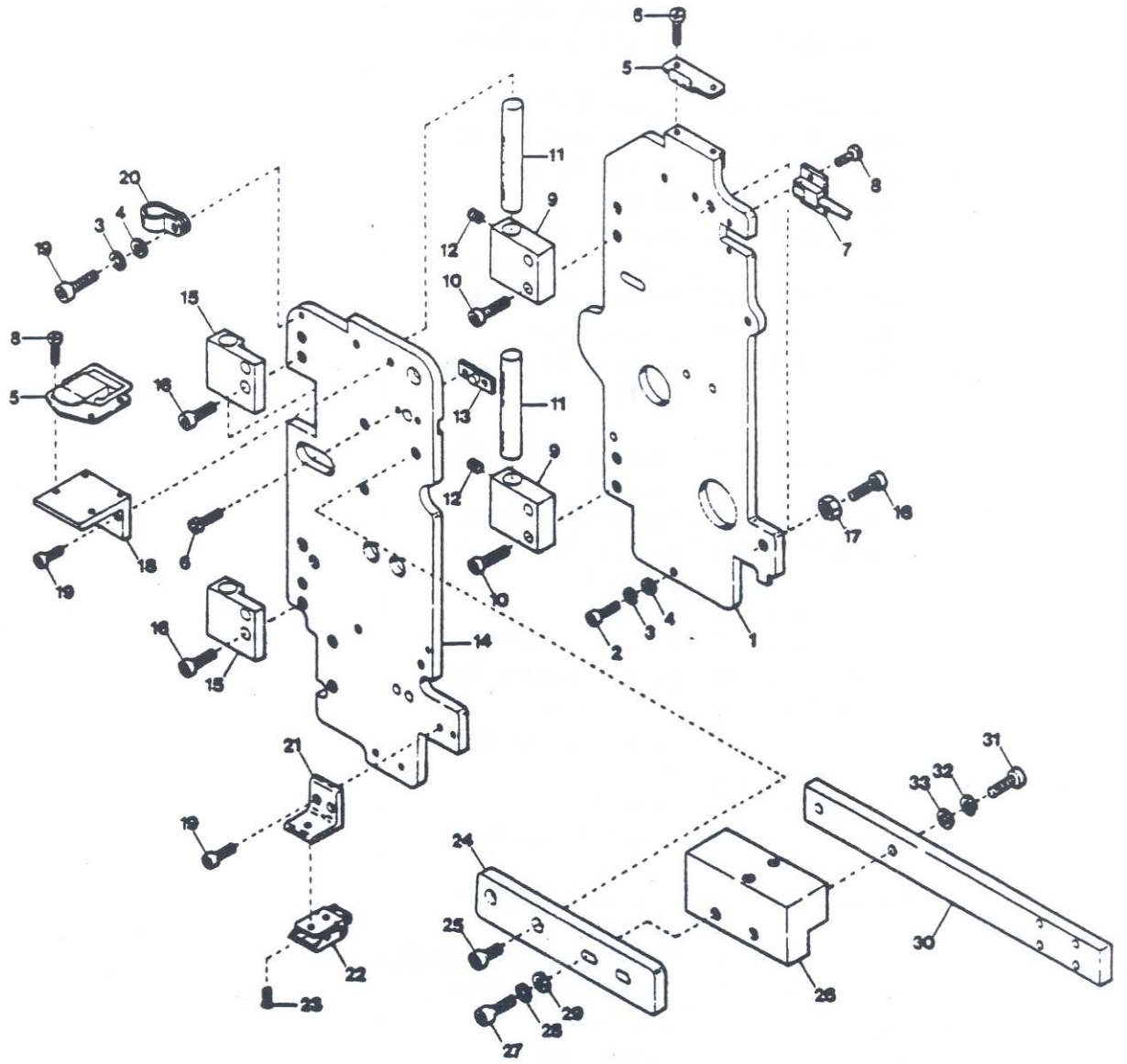
NEEDLE THREAD MONITOR

Det. No	Parts. No	Description
1	48-1125-5-626	Needle Thread Monitor, Complete
2	46-1125-5-578	Thread Tension, Complete(2)
3	46-1125-5-577	Thread Tension, Complete(1)
4	46-1001-5-414	Thread Tension Plate
5	46-1006-0-248	Cord Clamp( $\phi$ 5.3-3N)
6	46-1000-4-127	Screw(M4-0.7 $\times$ 6)
7	46-1000-0-665	Washer
8	46-1001-4-979	Insulating Bushing
9	48-1125-6-040	Sensing Plate
10	46-1001-5-418	Spacer
11	46-1000-0-257	Washer
12	46-1000-0-014	Washer
13	46-1000-0-002	Spring Washer
14	46-1000-9-812	Screw(M3-0.5 $\times$ 20)
15	46-1001-5-415	Spring Guide Shaft
16	46-1001-5-424	Spring(Left)
17	46-1001-5-016	Spring Guide Assembly
18	46-1001-5-416	Spacer
19	46-1001-5-423	Spring(Right)
20	46-1001-5-422	Spring Sleeve
21	46-1000-9-959	Screw(M4-0.7 $\times$ 20)
22	46-1000-9-811	Screw(M2.5-0.45 $\times$ 16)
23	46-1001-5-419	Thread Eyelet
24	46-1000-9-995	Screw(M3-0.5 $\times$ 5)
25	46-1001-5-425	Release Pin
26	46-1000-9-804	Tension Post
27	46-1008-0-232	Tension Disc
28	46-1008-0-705	Spring Washer
29	46-1008-5-276	Tension Spring (Thick)
30	46-1002-0-126	Tension Spring Bushing
31	46-1000-0-182	Adjusting Nut
32	46-1000-0-039	Stop Pin
33	46-1009-3-535	Thread Guide
34	46-1003-7-108	Tension Disc
35	46-1009-3-514	Tension Spring (Thin)
36	46-1000-1-092	Screw(1/8-44 $\times$ 3)
37	46-1001-5-015	Release Spring
38	46-1001-5-014	Release Plate
39	46-1000-8-224	Stud Screw(3.57)
40	.....	.....

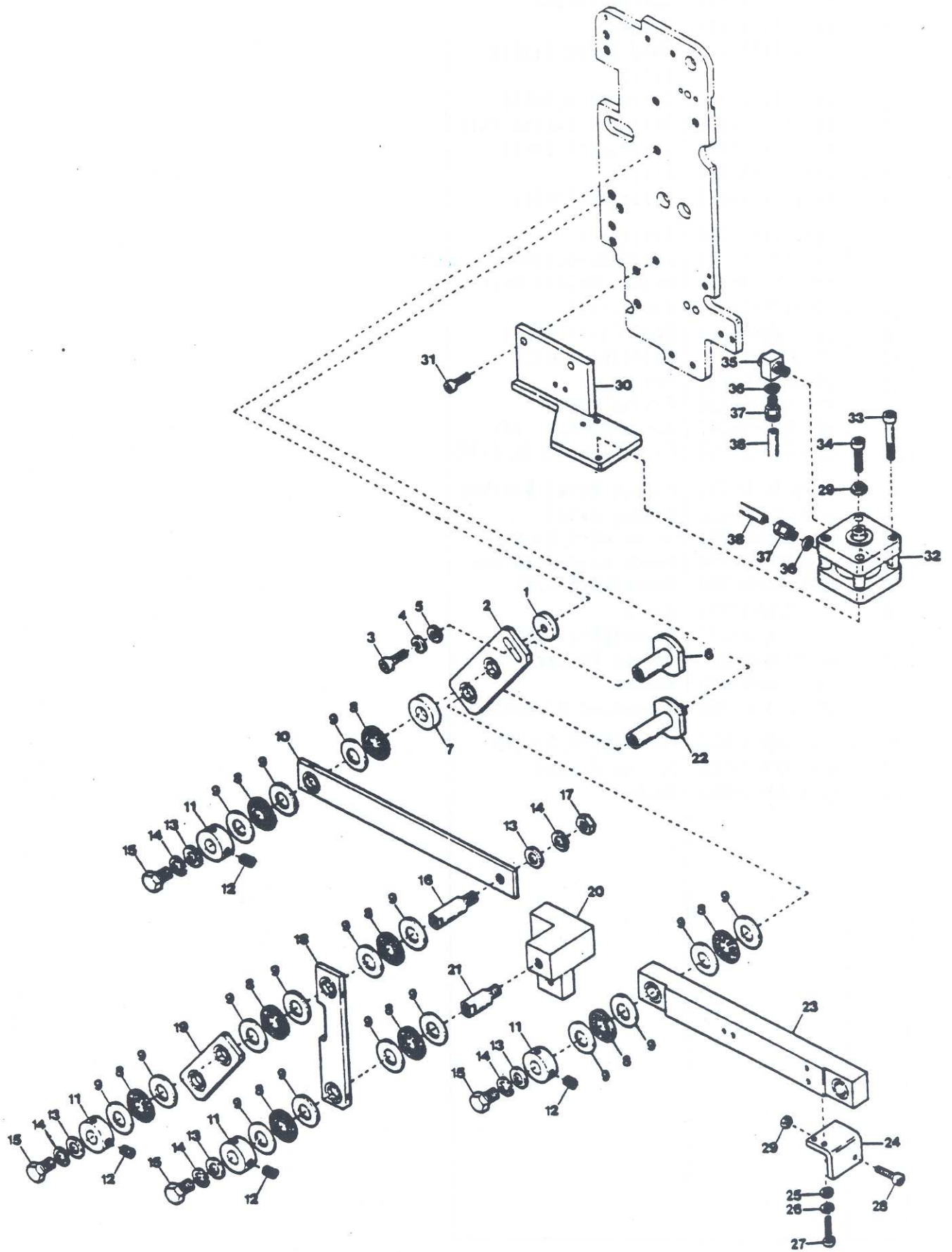
Det. No	Parts. No	Description
41	.....	.....
42	46-1001-5-427	Magnet Ring Unit
43	46-1000-7-609	Screw(9/64-40 $\times$ 9)
44	46-1000-9-209	Screw(11/64-40 $\times$ 9)
45	.....	.....
46	48-1120-0-073	Position Detector Unit
47	46-1125-5-164	Spacer
48	46-1000-0-644	Spring Washer
49	46-1000-9-914	Screw(M4-0.7 $\times$ 40)



Det. No	Parts. No	Description
1	48-1125-5-627	Bobbin Thread Monitor, Complete
2	46-1125-5-168	Rotary Hook Base (Left)
3	46-1125-5-149	Holder(Left) Unit
4	46-1000-9-749	Screw(M4-0.7×16)
5	46-1000-0-644	Spring Washer
6	46-1000-0-538	Washer
7	46-1125-5-155	Sensing Bar Connection(Left)
8	46-1016-0-001	Screw(M4-0.7×4)
9	46-1125-5-158	Sensing Bar
10	46-1125-5-157	Sensing Bar Guide (Left)
11	46-1125-5-156	Sensing Bar Guide (Right)
12	46-1000-9-746	Screw(M4-0.7×8)
13	46-1125-5-169	Rotary Hook Base (Right)
14	46-1000-0-663	Washer
15	46-1000-6-197	Screw(1/4-24×22)
16	48-1125-5-148	Holder(Right) Unit
17	46-1125-5-323	Sensing Bar Connection(Right)
18	46-1000-0-015	Nut
19	46-1000-0-665	Washer
20	46-1000-9-748	Screw(M4-0.7×12)
21	46-1125-5-153	Cylinder Support (Right)
22	46-1109-1-017	Cylinder(RMS10-ND-20)
23	48-1109-5-001	Speed Controller
24 *	46-1001-0-260	Air Tubing (4×2.5mm)
25	48-1120-0-075	Signal Cord
26	48-1106-6-065	Sensing Switch
27	48-1109-8-008	Band
28	46-1000-6-195	Screw(15/64-28×31)
		* Specify Length.

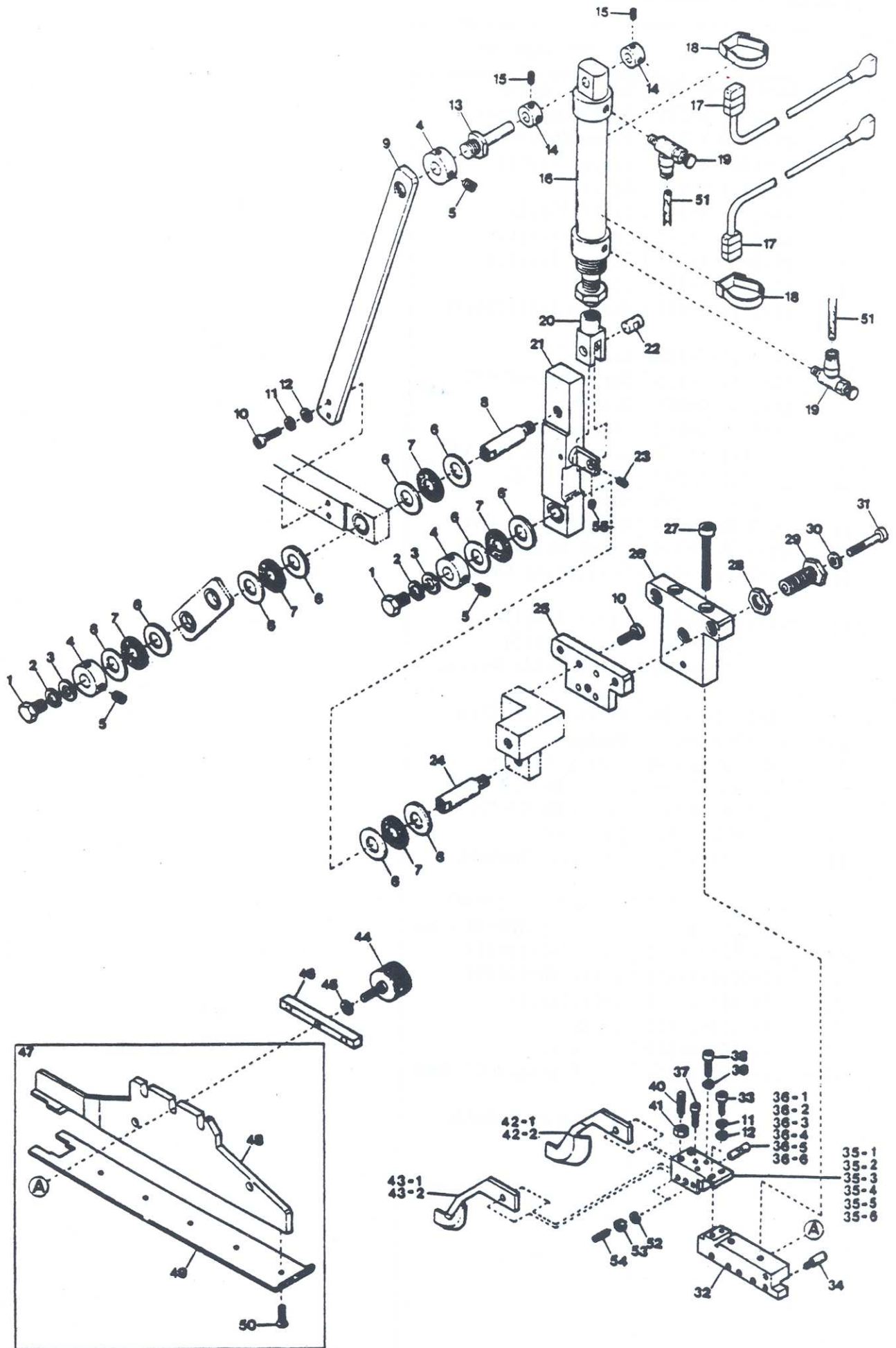


Det. No	Parts. No	Description
1	48-1125-5-370	Sub-Head Cover
2	46-1000-9-749	Screw(M4-0.7×16)
3	46-1000-0-644	Spring Washer
4	46-1000-0-665	Washer
5	48-1125-5-219	Head Cover Fixing Metal
6	46-1000-9-995	Screw(M3-0.5×5)
7	48-1125-5-530	Detector Switch Unit
8	46-1000-9-994	Screw(M3-0.5×8)
9	48-1125-5-213	Hinge
10	46-1000-9-970	Screw(M6-1×20)
11	48-1125-5-216	Hinge Pin
12	46-1000-6-212	Screw(M5-0.8×6)
13	48-1125-5-528	Magnet Holder Unit
14	46-1125-5-372	Head Cover
15	48-1125-5-214	Head Cover Hinge
16	46-1000-6-210	Screw(M6-1×12)
17	46-1000-0-011	Nut
18	48-1125-5-218	Fixing Plate
19	46-1000-9-747	Screw(M4-0.7×10)
20	46-1001-0-720	Cord Clamp(φ15.2-9N)
21	48-1125-5-624	Fixing Metal Bracket
22	48-1125-5-625	Fixing Metal
23	48-1000-9-903	Screw(M3-0.5×6)
24	46-1001-4-534	Patch Guide Cam Arm
25	46-1000-9-980	Screw(M6-1×10)
26	48-1125-5-281	Block
27	46-1000-9-977	Screw(M6-1×25)
28	46-1000-0-667	Spring Washer
29	46-1000-0-663	Washer
30	48-1125-5-356	Adjusting Plate(1)
31	46-1000-9-935	Screw(M5-0.8×20)
32	46-1000-0-600	Spring Washer
33	46-1000-0-669	Washer



Det. No	Parts. No	Description
1	48-1125-5-230	Spacer(Small)
2	48-1125-5-228	Adjusting Lever
3	48-1012-0-011	Screw(M6-1×18)
4	46-1000-0-667	Spring Washer
5	46-1000-0-663	Washer
6	48-1125-5-245	Lever Pin(5)
7	48-1125-5-231	Spacer(Large)
8	46-1001-4-571	Thrust Bearing
9	46-1001-4-572	Spacer
10	48-1125-5-232	Moving Link(Upper)
11	46-1007-7-286	Collar
12	46-1000-3-635	Screw(1/4-40×6)
13	46-1000-0-666	Washer
14	46-1000-0-676	Spring Washer
15	46-1000-9-777	Screw(M8-1.25×14)
16	48-1125-5-242	Lever Pin(2)
17	46-1000-0-145	Nut
18	48-1125-5-234	Moving Lever Link
19	48-1125-5-236	Patch Guide Link
20	48-1125-5-224	Connecting Lever
21	48-1125-5-241	Lever Pin(1)
22	48-1125-5-246	Lever Pin(6)
23	48-1125-5-220	Patch Guide Moving Lever
24	48-1125-5-796	Patch Guide Stop
25	46-1000-0-665	Washer
26	46-1000-0-644	Spring Washer
27	46-1000-9-748	Screw(M4-0.7×12)
28	46-1000-9-976	Screw(M6-1×15)
29	46-1000-0-011	Lock Nut
30	48-1125-5-829	Cylinder Support
31	46-1000-9-751	Screw(M5-0.8×10)
32	48-1109-1-019	Cylinder(SPD-32×15)
33	46-1000-9-754	Screw(M6-1×35)
34	46-1000-9-970	Screw(M6-1×20)
35	46-1001-0-019	L-Connector
36	46-1000-0-623	Gasket
37	46-1001-0-258	Connector
38 *	46-1001-0-260	Air Tubing(4×2.5mm)

\* Specify Length.

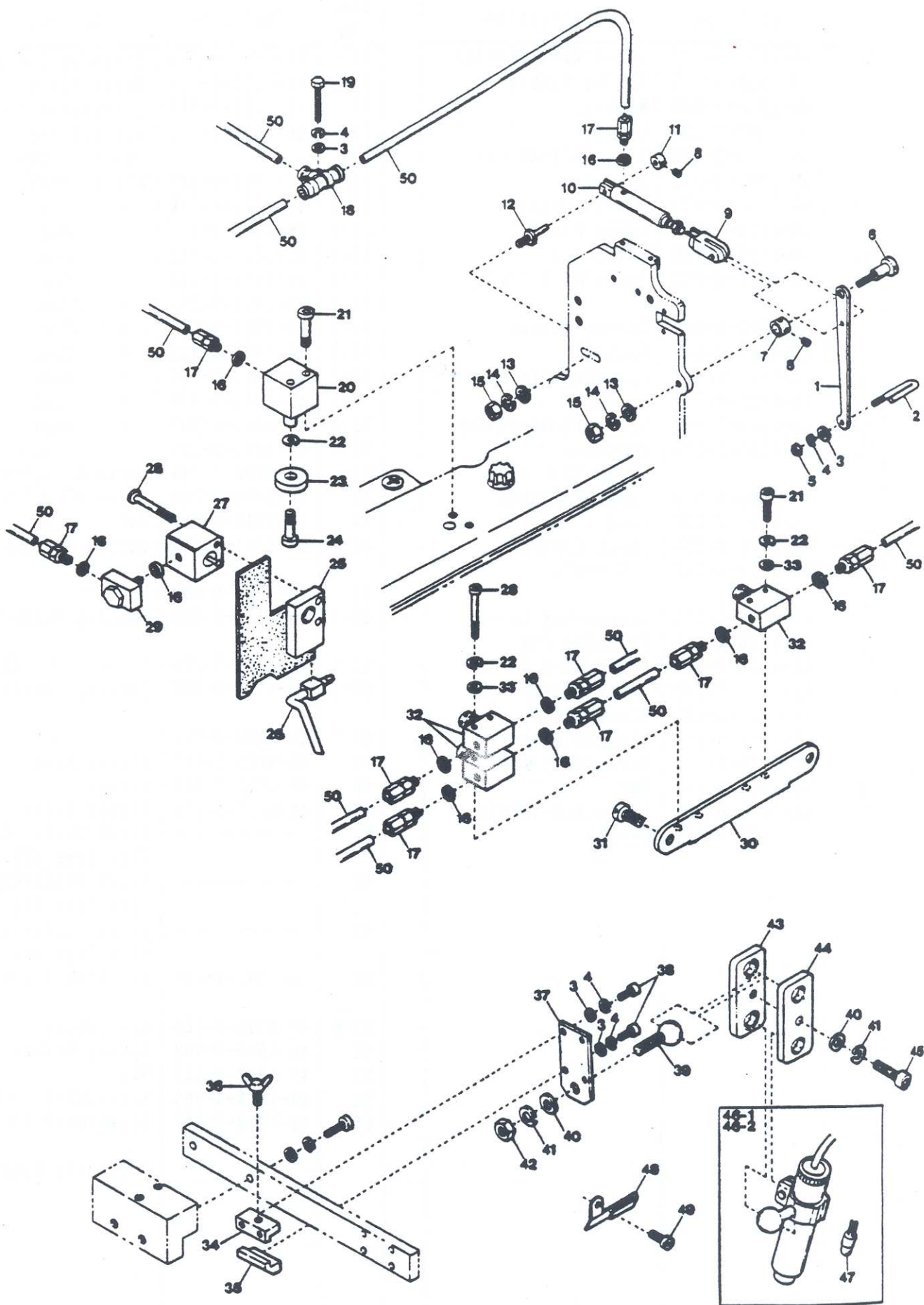




Det. No	Parts. No	Description
1	46-1000-9-777	Screw(M8-1.25×14)
2	46-1000-0-676	Spring Washer
3	46-1000-0-666	Washer
4	46-1007-7-286	Collar
5	46-1000-3-635	Screw(1/4-40×6)
6	46-1001-4-572	Spacer
7	46-1001-4-571	Thrust Bearing
8	48-1125-5-244	Lever Pin(4)
9	48-1125-5-239	Fix Lever
10	48-1012-0-001	Screw(M4-0.7×14)
11	46-1000-0-644	Spring Washer
12	46-1000-0-665	Washer
13	46-1001-4-523	Cylinder Pin
14	46-1007-7-296	Collar
15	46-1000-7-650	Screw(11/64-40×5)
16	48-1109-1-020	Cylinder (REMD 25×75)
17	48-1106-6-013	Sensing Switch
18	46-1001-0-300	Band
19	46-1001-0-254	Speed Control
20	48-1125-5-247	Y-Knuckle
21	48-1125-5-222	Connecting Lever
22	48-1125-5-248	Cylinder Pin
23	46-1016-0-000	Screw(M3-0.5×3)
24	48-1125-5-243	Lever Pin(3)
25	48-1125-5-225	Block(Left)
26	48-1125-5-226	Block(Right)
27	46-1000-6-225	Screw(M6-1×65)
28	46-1000-6-185	Nut
29	48-1019-0-042	Screw(M12-1×27)
30	46-1000-0-663	Washer

Det. No	Parts. No	Description
31	46-1000-9-754	Screw(M6-1×35)
32	46-1125-5-103	Mount Block
33	46-1000-9-748	Screw(M4-0.7×12)
34	46-1018-0-013	Screwed Pin (M5-0.8×20)
35-1	46-1001-4-537	Block(10mm)
35-2	46-1001-4-538	" (12mm)
35-3	46-1001-5-202	" (14mm)
35-4	46-1001-5-293	" (16mm)
35-5	46-1001-5-294	" (18mm)
35-6	46-1001-5-295	" (20mm)
36-1	46-1001-4-521	Shaft(10mm)
36-2	46-1001-4-522	" (12mm)
36-3	46-1001-5-200	" (14mm)
36-4	46-1001-5-296	" (16mm)
36-5	46-1001-5-297	" (18mm)
36-6	46-1001-5-298	" (20mm)
37	46-1000-9-745	Screw(M3-0.5×15)
38	46-1000-9-744	Screw(M3-0.5×10)
39	46-1000-0-012	Nut
40	46-1001-4-535	Spring Plunger
41	46-1000-0-009	Nut
42-1	48-1125-5-855	Jumping Guide(Right) (10mm)
42-2	48-1125-5-723	" " (12~20mm)
43-1	48-1125-5-856	Jumping Guide(Left) (10mm)
43-2	48-1125-5-724	" " (12~20mm)
44	46-1125-5-112	Fixing Knob
45	46-1000-0-669	Washer
46	46-1125-5-113	Fixing Plate
47	-----	Patch Guide, C. (See Page 49)
48	-----	Patch Guide(Upper) (See Page 49)
49	-----	Patch Guide(Lower) (See Page 49)
50	46-1000-9-734	Screw(M2-0.4×6)
51 *	46-1001-0-260	Air Tubing
52	46-1000-0-002	Spring Washer
53	48-1000-0-488	Nut
54	48-1015-0-003	Screw(M3-0.5×6)
55	48-1000-3-657	Screw(M4-0.7×3)

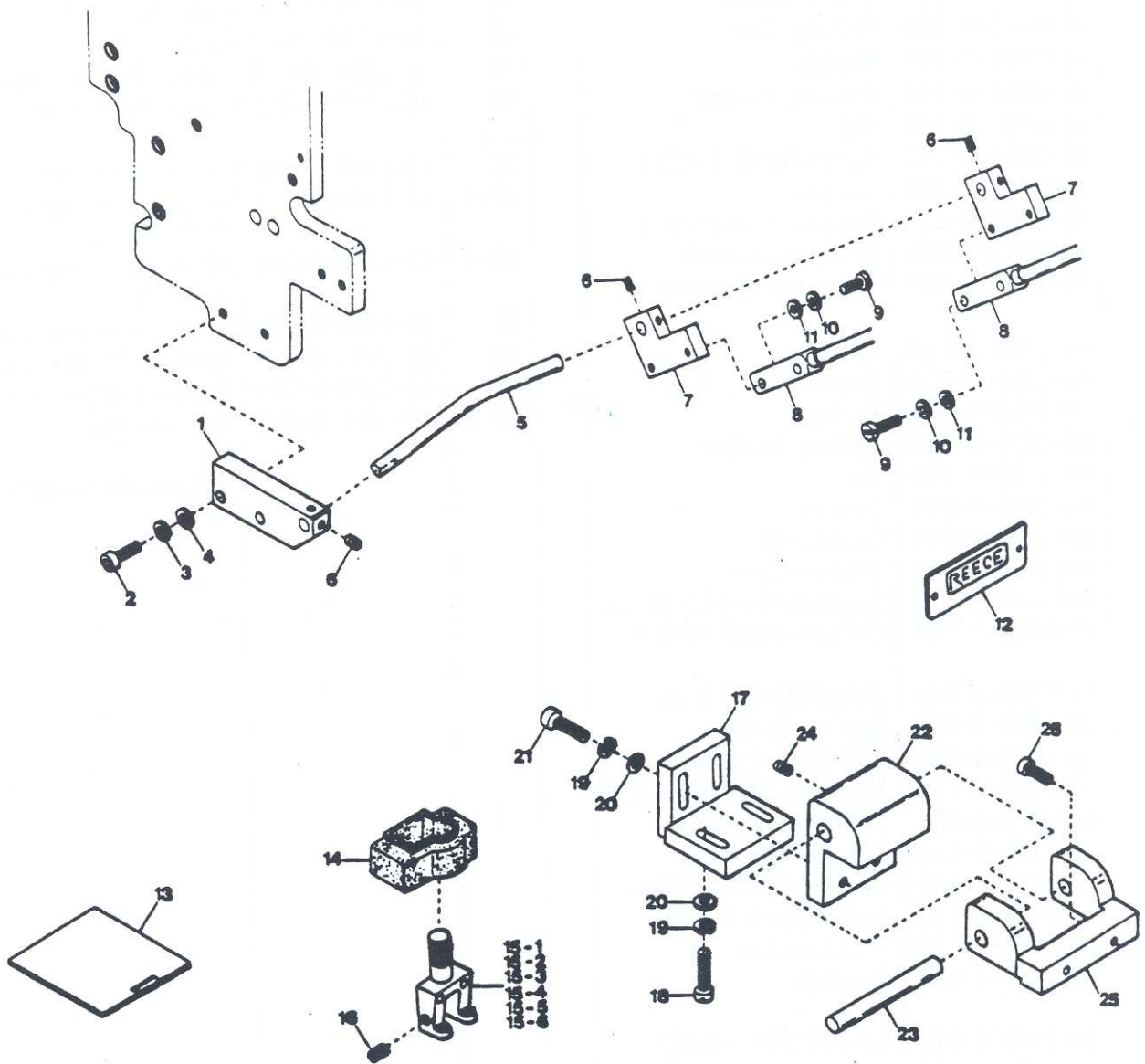
\* Specify Length.



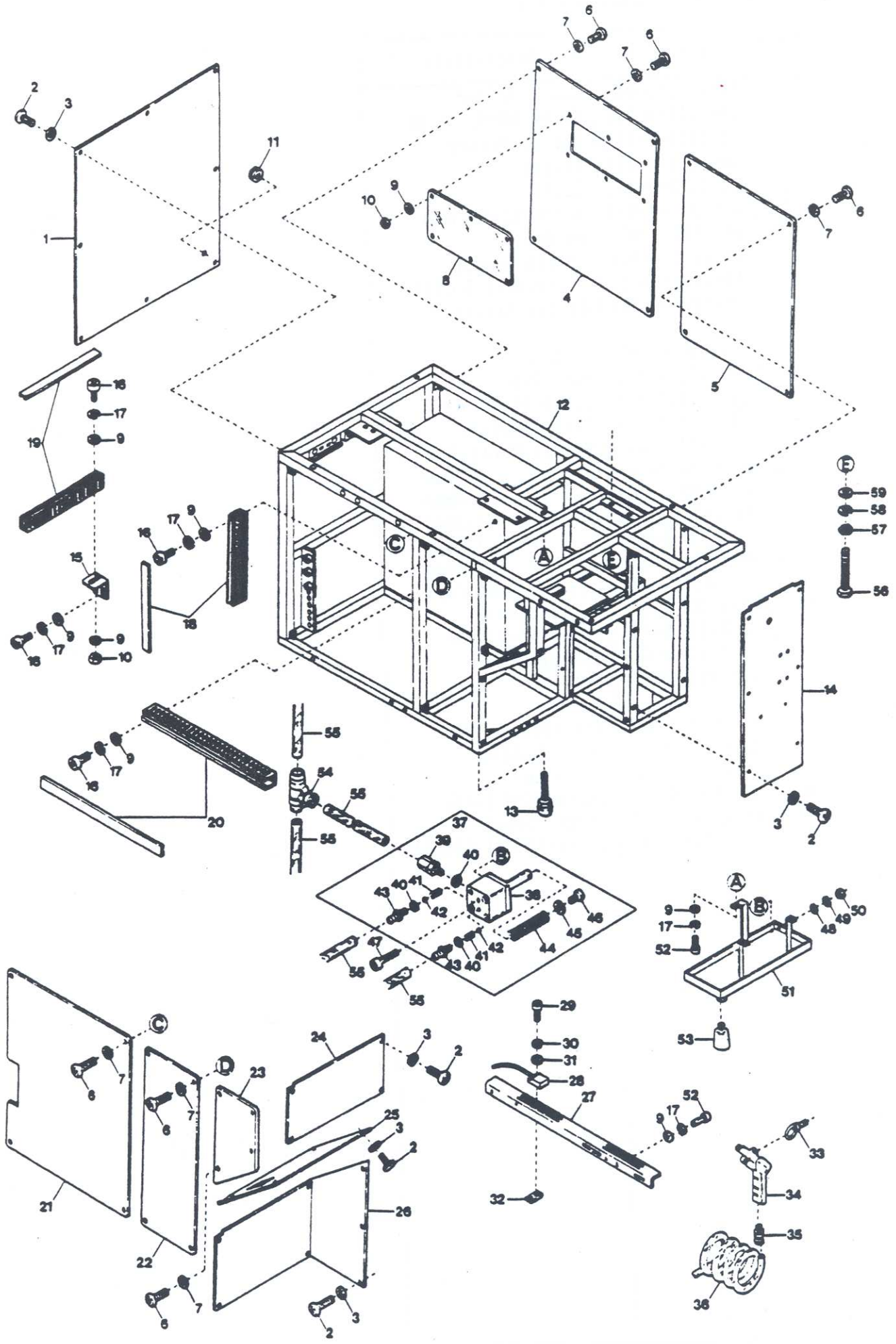
Det. No	Parts. No	Description
1	46-1001-4-566	Wiper Lever
2	46-1001-4-525	Wiping Bar
3	46-1000-0-665	Washer
4	46-1000-0-644	Spring Washer
5	46-1000-0-015	Nut
6	46-1000-6-192	Screw(M5-0.8×11)
7	46-1009-4-562	Collar
8	46-1000-3-637	Screw(1/8-44×2.5)
9	46-1001-0-283	Y-Knuckle(3mm)
10	46-1001-0-249	Cylinder(MS10PFS10)
11	46-1008-0-714	Collar
12	46-1001-4-539	Wiper Lever Pin
13	46-1000-0-669	Washer
14	46-1000-0-600	Spring Washer
15	46-1000-0-009	Nut
16	46-1000-0-623	Gasket
17	46-1001-0-258	Connector
18	46-1001-0-271	T-Connector
19	48-1000-1-132	Screw(9/64-40×14.7)
20	46-1001-0-248	Cylinder(SPS-12×5)
21	46-1000-9-801	Screw(M3-0.5×20)
22	46-1000-0-002	Spring Washer
23	48-1125-5-836	Oil Wick Press
24	46-1000-9-797	Screw(11/128-56×3.2)
25	46-1001-4-971	Cylinder Holder
26	46-1001-5-443	Oil Return Pipe
27	46-1001-0-246	Cylinder(SPS-12×5)
28	46-1000-9-768	Screw(M3-0.5×30)
29	46-1001-0-019	L-Connector
30	46-1001-4-430	Support
31	46-1000-4-642	Screw(1/4-24×12)
32	46-1001-0-054	Speed Control
33	46-1000-0-014	Washer
34	46-1001-4-531	Block(Upper)
35	46-1001-4-532	Block(Lower)
36	46-1000-9-911	Screw(M5-0.8×8)
37	46-1001-4-528	Support
38	46-1000-9-747	Screw(M4-0.7×10)
39	46-1000-6-187	Ball Screw (M8-1.25×23)
40	46-1000-0-666	Washer

Det. No	Parts. No	Description
41	46-1000-0-676	Spring Washer
42	46-1000-0-016	Nut
43	46-1001-4-224	Lamp Holder(Left)
44	46-1001-4-225	Lamp Holder(Right)
45	46-1000-9-758	Screw(M8-1.25×30)
46-1	48-1120-0-063	Work Locating Lamp, C. (H Type)
46-2	48-1120-0-064	Work Locating Lamp, C. (- Type)
47	48-1120-0-083	Work Locating Lamp
48	46-1001-4-413	Needle Thread Eyelet
49	46-1000-5-000	Screw(9/64-40×5.7)
50 *	46-1001-0-260	Air Tubing

\* Specify Length.



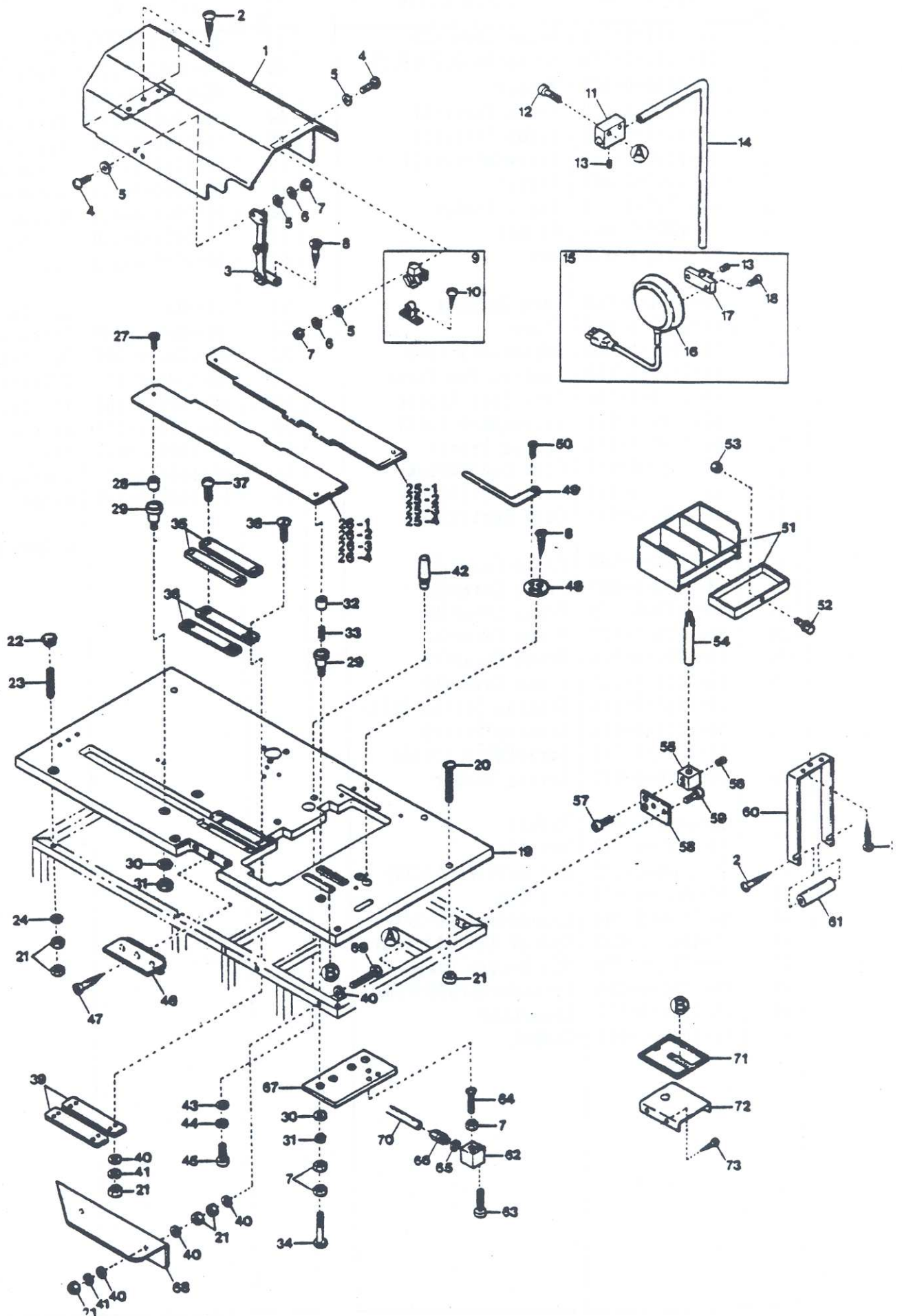
Det. No	Parts. No	Description
1	48-1125-5-861	Shaft Holder
2	48-1012-0-001	Screw(M4-0.7×14)
3	46-1000-0-644	Spring Washer
4	46-1000-0-665	Washer
5	48-1125-5-862	Shaft
6	46-1016-0-000	Screw(M3-0.5×3)
7	48-1125-5-838	Holder
8	48-1106-6-026	Optics Sensor
9	46-1000-9-745	Screw(M3-0.5×15)
10	46-1000-0-002	Spring Washer
11	46-1000-0-014	Washer
12	46-1001-4-409	Name Plate
13	46-1001-4-408	Slide Plate
14	48-1125-5-524	Cover(Rubber)
15-1	48-1900-0-001	Needle Head(10mm)
15-2	48-1900-0-002	" (12mm)
15-3	48-1900-0-003	" (14mm)
15-4	48-1900-0-004	" (16mm)
15-5	48-1900-0-005	" (18mm)
15-6	48-1900-0-006	" (20mm)
16	48-1026-0-004	Screw(1/8-40×2.5)
17	46-1001-4-425	Hinge(Lower)
18	46-1000-9-977	Screw(M6-1×25)
19	46-1000-0-667	Spring Washer
20	46-1000-0-663	Washer
21	46-1000-9-970	Screw(M6-1×20)
22	46-1001-4-424	Hinge(Middle)
23	46-1001-4-411	Hinge Shaft
24	46-1000-9-736	Screw(M4-0.7×6)
25	46-1001-4-423	Hinge(Upper)
26	46-1000-5-061	Screw(1/4-24×16.7)



Det. No	Parts. No	Description
1	46-1001-4-728	Frame Cover(3)
2	46-1000-9-774	Screw(M4-0.7×9.7)
3	46-1000-0-670	Washer
4	48-1125-5-502	Frame Cover(4)
5	48-1125-5-503	Frame Cover(5)
6	48-1000-5-612	Screw(M6-1×12)
7	46-1000-0-663	Washer
8	46-1001-4-584	Sight Window
9	46-1000-0-665	Washer
10	46-1000-0-015	Nut
11	46-1001-0-958	Cord Bushing
12	48-1125-5-852	Frame
13	46-1001-5-228	Adjustable Foot
14	48-1125-5-486	Control Box Cover
15	48-1125-5-854	Cord Duct Support
16	46-1000-9-974	Screw(M4-0.7×8)
17	46-1000-0-644	Spring Washer
18	48-1125-5-618	Cord Duct(300mm)
19	48-1125-5-619	Cord Duct(320mm)
20	48-1125-5-620	Cord Duct(550mm)
21	48-1125-5-500	Frame Cover(2)
22	48-1125-5-499	Frame Cover(1)
23	46-1125-5-078	Frame Cover(9)
24	48-1125-5-523	Frame Cover(6)
25	46-1001-4-924	Frame Cover(7)
26	46-1001-4-925	Frame Cover(8)
27	48-1125-5-445	Sensing Switch Rail
28	48-1106-6-014	Sensing Switch
29	46-1000-9-745	Screw(M3-0.5×15)
30	46-1000-0-002	Spring Washer
31	46-1000-0-014	Washer
32	46-1001-4-780	Nut Plate
33	46-1000-6-226	Eye Bolt(M6-1×14)
34	46-1001-5-475	Air Gun
35	46-1001-0-264	Connector(φ 6-1/4)
36	46-1001-0-256	Spiral Tube(6×4mm)
37	46-1001-5-220	Oil Return Pump, C.
38	46-1001-0-304	Cylinder(SPD20×10)
39	46-1001-0-258	Connector
40	46-1000-0-623	Gasket

Det. No	Parts. No	Description
41	46-1003-6-104	Spring
42	46-1001-5-221	Steel Ball
43	46-1001-0-018	Connector
44	46-1001-4-977	Pump Cylinder Spring
45	46-1000-0-555	Washer
46	46-1000-9-751	Screw(M5-0.8×10)
47	46-1000-6-229	Screw(M5-0.8×40)
48	46-1000-0-426	Washer
49	46-1000-0-600	Spring Washer
50	46-1000-0-009	Nut
51	46-1001-4-770	Oil Pan
52	46-1000-9-747	Screw(M4-0.7×10)
53	46-1001-4-656	Oil Retainer
54	46-1001-0-271	T-Connector
55 *	46-1001-0-260	Air Tubing(4×2.5mm)
56	46-1000-6-232	Bolt(M8-1.25×80)
57	46-1000-0-016	Nut
58	46-1000-0-676	Spring Washer
59	46-1000-0-666	Washer

\* Specify Length.



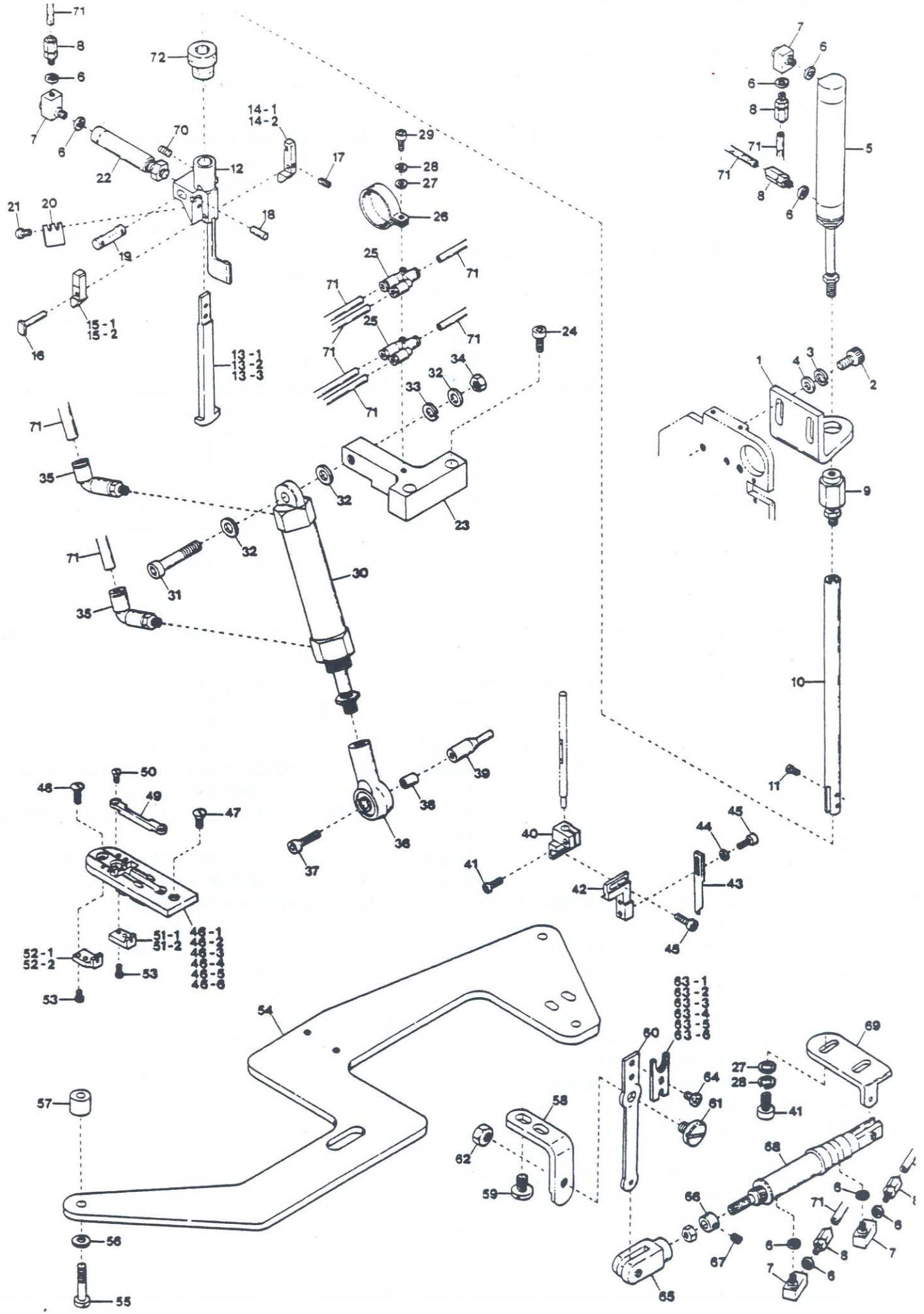


Det. No	Parts. No	Description
1	46-1001-4-512	Mechanism Cover
2	46-1000-6-905	Wood Screw( $\phi 5.1 \times 20$ )
3	46-1001-4-655	Cover Stay
4	46-1000-9-994	Screw(M3-0.5 $\times$ 8)
5	46-1000-0-014	Washer
6	46-1000-0-002	Spring Washer
7	46-1000-0-012	Nut
8	46-1000-9-814	Wood Screw( $\phi 3.1 \times 20$ )
9	46-1001-4-720	Cover Latch
10	46-1000-6-203	Wood Screw( $\phi 2.4 \times 16$ )
11	46-1001-4-738	Knee Switch Holder
12	46-1000-6-205	Screw(M5-0.8 $\times$ 30)
13	46-1000-3-662	Screw(M6-1 $\times$ 6)
14	46-1001-4-747	Mount Shaft
15	48-1120-0-074	Knee Switch, C.
16	48-1120-0-072	Knee Switch
17	46-1001-4-737	Knee Switch Support
18	46-1000-9-749	Screw(M4-0.7 $\times$ 16)
19	48-1960-1-005	Table Top
20	46-1000-6-196	Bolt(M8-1.25 $\times$ 57)
21	46-1000-0-016	Nut
22	46-1000-0-070	Nut
23	46-1000-9-858	Bolt(M8-1.25 $\times$ 75)
24	46-1000-0-429	Washer
25-1	48-1125-5-931	Slide Plate(Right) (10, 12, 14mm)
25-2	48-1125-5-933	" (16mm)
25-3	48-1125-5-935	" (18mm)
25-4	48-1125-5-937	" (20mm)
26-1	48-1125-5-930	Slide Plate(Left) (10, 12, 14mm)
26-2	48-1125-5-932	" (16mm)
26-3	48-1125-5-934	" (18mm)
26-4	48-1125-5-936	" (20mm)
27	46-1000-9-770	Screw(M4-0.7 $\times$ 8)
28	46-1001-4-032	Holding Pin
29	46-1001-5-222	Slide Plate Holder
30	46-1000-0-433	Washer
31	46-1000-0-421	Nut
32	46-1001-5-223	Stop Pin
33	46-1001-4-056	Spring
34	46-1000-6-223	Screw(M3-0.5 $\times$ 55)
35	48-1125-5-505	Plate
36	48-1125-5-506	Support Plate
37	46-1000-9-954	Screw(M6-1 $\times$ 8)
38	46-1000-9-807	Screw(M8-1.25 $\times$ 40)
39	48-1125-5-507	Nut Plate
40	46-1000-0-666	Washer

Det. No	Parts. No	Description
41	46-1000-0-676	Spring Washer
42	48-1125-5-565	Machine Stay
43	48-1000-0-605	Washer
44	46-1000-0-667	Spring Washer
45	46-1000-9-970	Screw(M6-1 $\times$ 20)
46	46-1001-4-659	Plate
47	46-1000-6-209	Wood Screw ( $\phi 3.5 \times 21.5$ )
48	46-1001-4-661	Plate
49	46-1001-4-675	Stay Holder
50	46-1000-6-227	Screw(M4-0.7 $\times$ 5)
51	46-1001-4-680	Tray
52	46-1000-6-444	Knob
53	46-1000-0-332	Nut
54	46-1001-4-302	Mount Shaft
55	46-1001-4-300	Shaft Holder
56	46-1000-9-740	Screw(M6-1 $\times$ 10)
57	46-1000-9-747	Screw(M4-0.7 $\times$ 10)
58	46-1001-4-301	Support
59	46-1000-9-755	Screw(M6-1 $\times$ 45)
60	46-1001-4-718	Roller Bracket
61	46-1001-4-717	Roller
62	46-1001-0-248	Cylinder(SPS-12 $\times$ 5)
63	46-1000-9-801	Screw(M3-0.5 $\times$ 20)
64	46-1000-9-793	Screw(M3-0.5 $\times$ 35)
65	46-1000-0-623	Gasket
66	46-1001-0-258	Connector
67	48-1125-6-113	Cylinder Holder
68	48-1125-5-885	Extension Plate
69	46-1000-6-232	Bolt(M8-1.25 $\times$ 80)
70 *	46-1001-0-260	Air Tubing(4 $\times$ 2.5mm)
71	48-1125-5-983	Shield Rubber
72	48-1125-5-982	Suction Plate(Lower)
73	46-1000-6-905	Wood Screw( $\phi 5.1 \times 20$ )

\* Specify Length.

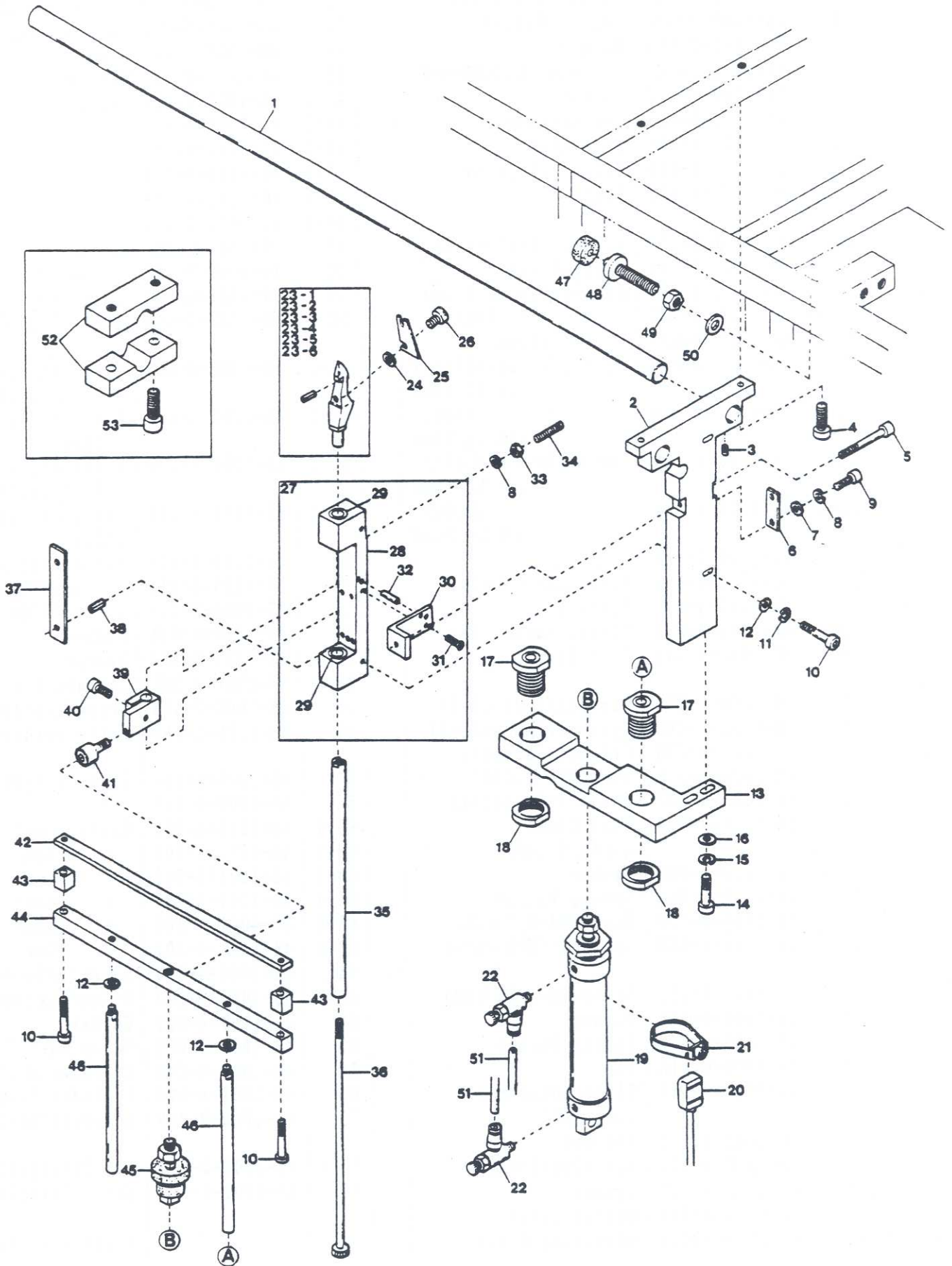
16



Det. No	Parts. No	Description
1	46-1001-4-481	Cylinder Support
2	46-1000-9-752	Screw(M5-0.8×10)
3	46-1000-0-600	Spring Washer
4	46-1000-0-669	Washer
5	46-1001-0-241	Cylinder(MS16ND-40P)
6	46-1000-0-623	Gasket
7	46-1001-0-019	L-Connector
8	46-1001-0-258	Connector
9	46-1001-4-840	Universal Joint
10	46-1001-4-482	Shaft
11	46-1000-6-178	Screw(1/8-44×4.8)
12	48-1125-5-718	Mount Block
13-1	46-1001-4-483	Pick-up(10, 12, 14mm)
13-2	46-1001-5-302	" (16, 18mm)
13-3	46-1125-5-696	" (20mm)
14-1	48-1125-5-430	Thread Holder(Right) (10, 12, 14mm)
14-2	48-1125-5-600	" (Right) (16, 18, 20mm)
15-1	48-1125-5-431	Thread Holder(Left) (10, 12, 14mm)
15-2	48-1125-5-601	" (Left) (16, 18, 20mm)
16	48-1125-5-432	Pin
17	46-1016-0-000	Screw(M3-0.5×3)
18	46-1001-4-577	Press Pin
19	46-1001-4-573	Thread Holder Pin
20	46-1001-4-244	Trim Blade
21	46-1000-1-222	Screw(1/8-44×4.8)
22	46-1109-1-060	Cylinder(MS6-NFS-5)
23	48-1125-5-715	Cylinder Support
24	46-1000-9-976	Screw(M6-1×15)
25	46-1001-0-337	Union Y-Connector
26	46-1001-0-722	Cord Clamp (φ 22.9-14N)
27	46-1000-0-665	Washer
28	46-1000-0-644	Spring Washer
29	46-1000-9-750	Screw(M4-0.7×20)
30	48-1109-1-038	Cylinder(M20-PD10)
31	46-1000-6-220	Screw(M8-1.25×40)
32	46-1000-0-666	Washer
33	46-1000-0-676	Spring Washer
34	46-1000-0-016	Nut
35	46-1001-0-057	Elbow Connector (φ 4-1/8)
36	46-1001-4-402	Rod End
37	46-1000-9-970	Screw(M6-1×20)
38	48-1125-5-717	Spacer
39	48-1125-5-716	Moving Lever
40	48-1125-5-435	Adjusting Block

Det. No	Parts. No	Description
41	46-1000-9-746	Screw(M4-0.7×8)
42	48-1125-5-722	Center Knife Holder
43	48-1125-5-721	Center Knife
44	46-1000-0-014	Washer
45	48-1011-0-002	Screw(M3-0.5×5)
46-1	46-1001-4-426	Throat Plate(10mm)
46-2	46-1001-4-427	" (12mm)
46-3	46-1001-4-489	" (14mm)
46-4	46-1001-5-254	" (16mm)
46-5	46-1001-5-255	" (18mm)
46-6	46-1001-5-256	" (20mm)
47	46-1000-9-127	Screw(11/64-40×8)
48	46-1000-9-142	Screw(9/64-40×4.8)
49	48-1125-5-594	Lower Knife
50	46-1000-1-613	Screw(3/32-56×3.1)
51-1	46-1001-4-505	Fixed Knife(Right) (10, 14, 16, 18, 20mm)
51-2	46-1001-4-507	Fixed Knife(Right) (12mm)
52-1	46-1001-4-506	Fixed Knife(Left) (10, 14, 16, 18, 20mm)
52-2	46-1001-4-508	Fixed Knife(Left) (12mm)
53	46-1000-4-404	Screw(3/32-56×5.1)
54	48-1125-5-433	Cylinder Support
55	46-1000-5-121	Screw(11/64-40×28)
56	46-1000-0-538	Washer
57	48-1125-5-434	Spacer
58	46-1001-4-501	Support Plate
59	46-1000-7-678	Screw(1/4-40×8)
60	46-1125-5-166	Knife Holder
61	46-1000-6-198	Screw(1/4-40×7.5)
62	46-1000-0-419	Nut
63-1	46-1001-4-503	Knife(10mm)
63-2	46-1001-4-504	" (12mm)
63-3	46-1001-5-201	" (14mm)
63-4	46-1001-5-299	" (16mm)
63-5	46-1001-5-300	" (18mm)
63-6	46-1001-5-301	" (20mm)
64	46-1000-4-358	Screw(9/64-40×5.6)
65	46-1001-0-283	Y-Knuckle(3mm)
66	46-1001-4-502	Collar
67	46-1016-0-001	Screw(M4-0.7×4)
68	46-1001-0-242	Cylinder(MS10-PD10)
69	46-1001-4-510	Cylinder Support
70	46-1000-9-200	Screw(15/64-28×9.5)
71 *	46-1001-0-260	Air Tubing(4×2.5mm)
72	46-1001-4-579	Shaft Cover(Rubber)

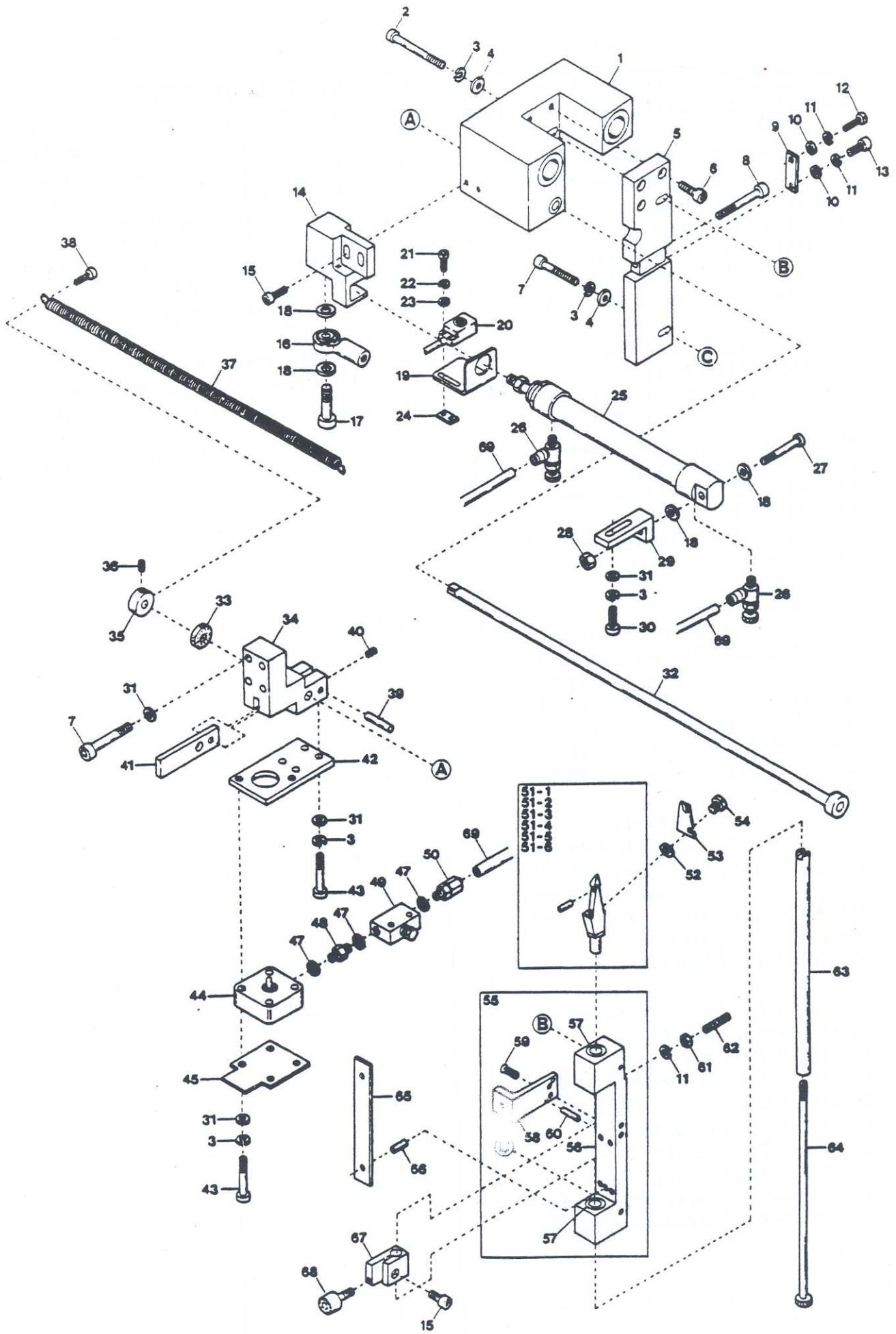
\* Specify Length.



Det. No	Parts. No	Description
1	48-1125-5-421	Slide Shaft
2	48-1125-5-420	Shaft Holder(Front)
3	46-1000-9-740	Screw(M6-1×10)
4	46-1000-9-936	Screw(M8-1.25×20)
5	46-1000-6-176	Screw(M6-1×50)
6	46-1001-4-129	Plate
7	46-1000-0-665	Washer
8	46-1000-0-644	Spring Washer
9	46-1000-9-747	Screw(M4-0.7×10)
10	46-1000-9-754	Screw(M6-1×35)
11	46-1000-0-667	Spring Washer
12	46-1000-0-663	Washer
13	46-1001-4-711	Cylinder Holder
14	46-1000-9-940	Screw(M8-1.25×35)
15	46-1000-0-676	Spring Washer
16	46-1000-0-666	Washer
17	46-1001-4-899	Guide Bushing
18	46-1001-4-709	Nut
19	48-1109-1-020	Cylinder(REMD25×75)
20	48-1106-6-012	Sensing Switch
21	46-1001-0-300	Band
22	46-1001-0-254	Speed Control
23-1	48-1125-5-390	Tab Finger(10mm)
23-2	48-1125-5-391	" (12mm)
23-3	48-1125-5-392	" (14mm)
23-4	48-1125-5-393	" (16mm)
23-5	48-1125-5-394	" (18mm)
23-6	48-1125-5-395	" (20mm)
24	46-1000-0-209	Washer
25	46-1125-5-303	Tab Knife
26	46-1000-9-797	Screw(11/128-56×3.2)
27	46-1001-5-237	Tab Finger Holder (Front), Complete
28	46-1001-5-246	Tab Finger Holder
29	46-1001-4-707	Bearing
30	46-1001-4-130	Adjusting Piece
31	48-1000-9-781	Screw(M3-0.5×10)
32	48-1000-0-032	Knock Pin
33	46-1000-0-015	Nut
34	46-1000-9-737	Screw(M4-0.7×20)
35	46-1001-5-240	Tab Knife Shaft
36	46-1001-5-243	Lock Screw
37	46-1001-5-242	Spacer
38	46-1000-0-035	Spring Pin
39	46-1001-4-704	Shaft Holder(Front)
40	46-1000-9-752	Screw(M5-0.8×15)

Det. No	Parts. No	Description
41	46-1001-4-144	Bearing
42	48-1125-5-403	Lifting Guide(Upper)
43	46-1001-4-817	Lifting Guide Spacer
44	48-1125-5-404	Lifting Guide(Lower)
45	46-1001-4-842	Universal Joint
46	46-1001-5-257	Guide Shaft
47	46-1001-4-143	Rubber Cushion
48	48-1019-0-026	Bolt(M10-1.5×87)
49	46-1000-0-260	Nut
50	46-1000-0-612	Washer
51 *	46-1001-0-260	Air Tubing(4×2.5mm)
52	46-1001-4-613	Shipping Lock
53	46-1000-9-753	Screw(M6-1×30)

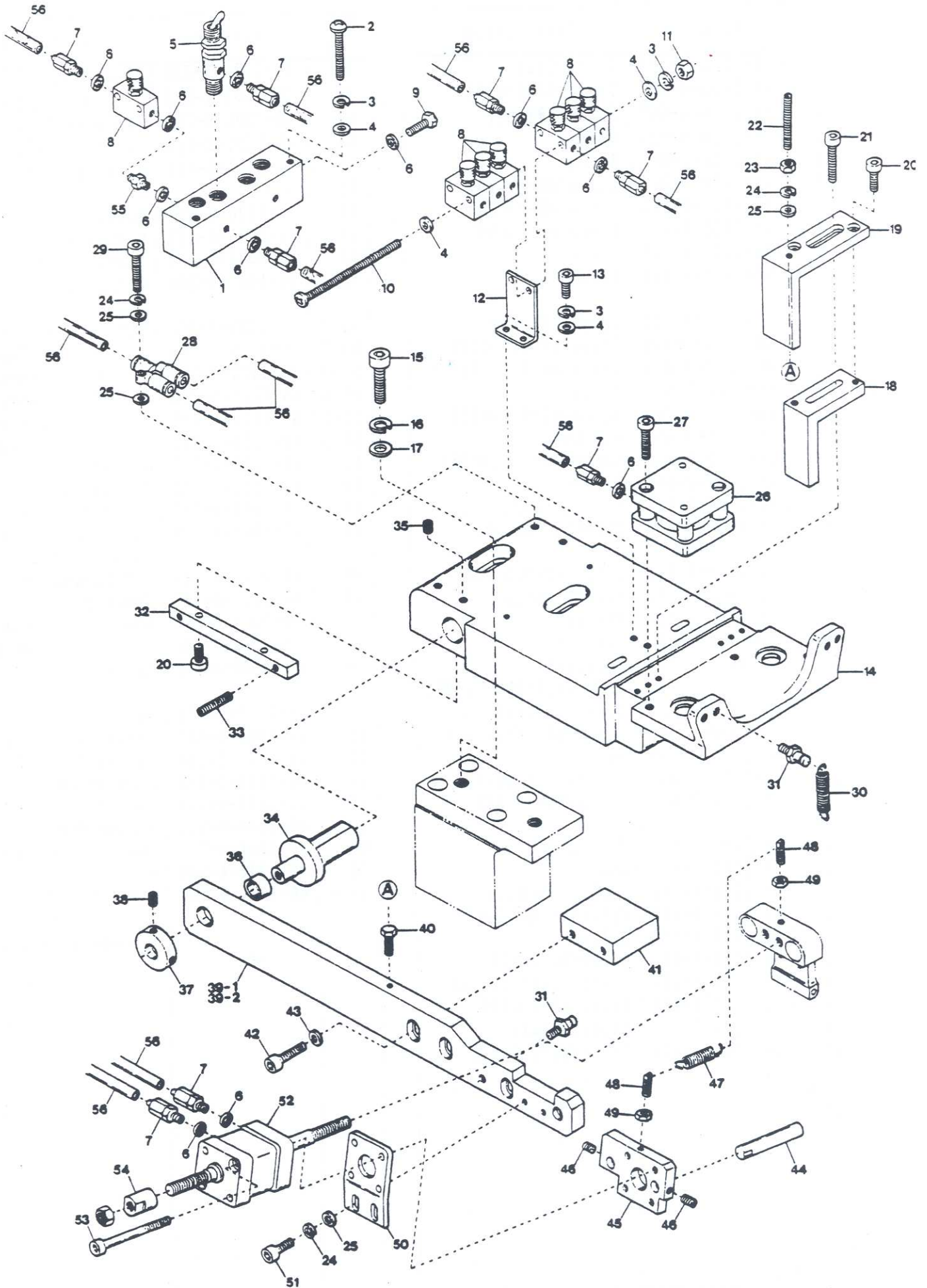
\* Specify Length.



Det. No	Parts. No	Description
1	48-1125-5-386	Slide Unit
2	46-1000-6-225	Screw(M6-1×65)
3	46-1000-0-667	Spring Washer
4	46-1000-0-428	Washer
5	48-1125-5-388	Block
6	46-1000-9-970	Screw(M6-1×20)
7	46-1000-9-753	Screw(M6-1×30)
8	46-1000-6-176	Screw(M6-1×50)
9	46-1001-4-129	Plate
10	46-1000-0-665	Washer
11	46-1000-0-644	Spring Washer
12	46-1000-9-992	Screw(M4-0.7×10)
13	46-1000-9-974	Screw(M4-0.7×8)
14	48-1125-5-853	Block
15	46-1000-9-752	Screw(M5-0.8×10)
16	46-1001-4-402	Rod End
17	46-1000-9-972	Screw(M8-1.25×25)
18	46-1000-0-666	Washer
19	46-1125-5-579	Switch Support
20	48-1106-6-014	Sensing Switch
21	46-1000-9-745	Screw(M3-0.5×15)
22	46-1000-0-002	Spring Washer
23	46-1000-0-014	Washer
24	46-1001-4-780	Nut Plate
25	48-1109-1-041	Cylinder (EMD-CA20-200-T1100)
26	46-1001-0-254	Speed Control
27	46-1000-9-940	Screw(M8-1.25×35)
28	46-1000-0-016	Nut
29	48-1125-5-443	Cylinder Support
30	46-1000-9-977	Screw(M6-1×25)
31	46-1000-0-663	Washer
32	48-1125-5-409	Shaft
33	46-1001-4-120	Rubber Cushion
34	48-1125-5-849	Cylinder Holder
35	46-1001-4-119	Collar
36	46-1000-3-662	Screw(M6-1×6)
37	46-1001-4-108	Clamp Shaft Spring
38	46-1000-9-980	Screw(M6-1×10)
39	46-1001-4-117	Holder Shaft
40	46-1000-9-736	Screw(M4-0.7×6)

Det. No	Parts. No	Description
41	48-1125-5-850	Lock Plate
42	46-1001-4-693	Cylinder Support
43	46-1000-9-755	Screw(M6-1×45)
44	46-1001-0-244	Cylinder(SPS32-5)
45	48-1125-5-851	Sensing Plate
46	.....	.....
47	46-1000-0-623	Gasket
48	46-1001-0-032	Nipple(M5)
49	46-1001-0-054	Speed Control
50	46-1001-0-258	Connector
51-1	48-1125-5-390	Tab Finger(10mm)
51-2	48-1125-5-391	" (12mm)
51-3	48-1125-5-392	" (14mm)
51-4	48-1125-5-393	" (16mm)
51-5	48-1125-5-394	" (18mm)
51-6	48-1125-5-395	" (20mm)
52	46-1000-0-209	Washer
53	46-1125-5-303	Tab Knife
54	46-1000-9-797	Screw(11/128-56×3.2)
55	46-1001-5-238	Tab Finger Holder (Rear), Complete
56	46-1001-5-246	Tab Finger Holder
57	46-1001-4-707	Bearing
58	46-1001-4-130	Adjusting Piece
59	48-1000-9-781	Screw(M3-0.5×10)
60	48-1000-0-032	Knock Pin
61	46-1000-0-015	Nut
62	46-1000-9-737	Screw(M4-0.7×20)
63	46-1001-5-240	Tab Knife Shaft
64	46-1001-5-243	Lock Screw
65	46-1001-5-242	Spacer
66	46-1000-0-035	Spring Pin
67	46-1001-4-705	Shaft Holder(Rear)
68	46-1001-4-144	Bearing
69 *	46-1001-0-260	Air Tubing(4×2.5mm)

\* Specify Length.

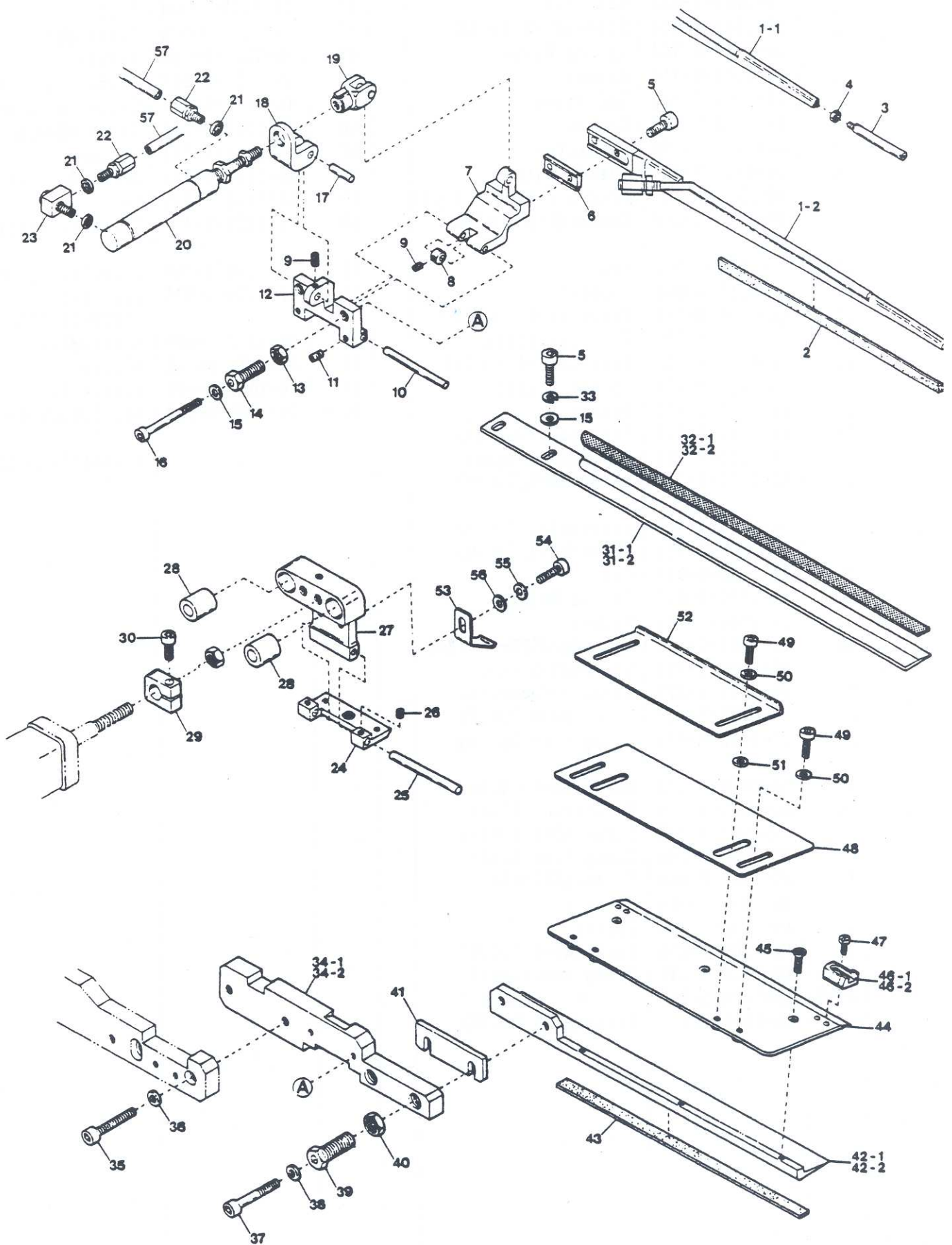




Det. No	Parts. No	Description
1	46-1001-4-625	Manifold
2	46-1000-6-214	Screw(M3-0.5×40)
3	46-1000-0-002	Spring Washer
4	46-1000-0-014	Washer
5	46-1001-0-182	TAC Valve
6	46-1000-0-623	Gasket
7	46-1001-0-258	Connector
8	46-1001-0-054	Speed Control
9	46-1011-0-067	Plug Screw(M5-0.8×5)
10	46-1000-6-248	Screw(M3-0.5×80)
11	46-1000-0-012	Nut
12	46-1001-4-606	Support
13	46-1000-9-744	Screw(M3-0.5×10)
14	48-1125-5-737	Carriage Block
15	46-1000-9-761	Screw(M10-1.5×55)
16	46-1000-0-439	Spring Washer
17	46-1000-0-612	Washer
18	46-1001-4-599	Positioner(Lower)
19	46-1001-4-598	Positioner(Upper)
20	46-1000-9-747	Screw(M4-0.7×10)
21	46-1000-9-750	Screw(M4-0.7×20)
22	46-1000-6-213	Screw(M4-0.7×30)
23	46-1000-0-015	Nut
24	46-1000-0-644	Spring Washer
25	46-1000-0-665	Washer
26	46-1001-0-250	Cylinder(SPD-32×20)
27	46-1000-9-755	Screw(M6-1×45)
28	46-1001-0-337	Union Y-Connector
29	46-1000-9-749	Screw(M4-0.7×16)
30	46-1001-4-030	Clamp Foot Spring
31	46-1000-6-183	Screw(M6-1×6.5)
32	48-1125-5-354	Adjustment Block
33	46-1000-9-738	Screw(M5-0.8×30)
34	46-1001-5-244	Clamp Foot Shaft
35	46-1000-3-662	Screw(M6-1×6)
36	46-1001-4-654	Bushing
37	46-1001-4-592	Collar
38	46-1000-3-655	Screw(M4-0.7×10)
39-1	48-1125-5-342	Clamp Arm(Right)
39-2	48-1125-5-343	" (Left)
40	46-1000-6-215	Screw(M4-0.7×10)

Det. No	Parts. No	Description
41	48-1125-5-344	Support
42	46-1000-9-976	Screw(M6-1×15)
43	46-1000-0-399	Washer
44	48-1125-5-347	Guide Shaft(Short)
45	48-1125-5-739	Cylinder Support
46	46-1000-6-212	Screw(M5-0.8×6)
47	46-1001-4-653	Spring
48	46-1000-6-638	Screw(5/32-40×9.5)
49	46-1000-0-339	Nut
50	48-1125-5-738	Cylinder Bracket
51	46-1000-9-748	Screw(M4-0.7×12)
52	48-1109-1-076	Cylinder (SPDW-20×26E)
53	48-1012-0-038	Screw(M5-0.8×55)
54	48-1125-5-742	Sleeve
55	46-1001-0-032	Nipple(M5)
56 *	46-1001-0-260	Air Tubing(4×2.5mm)

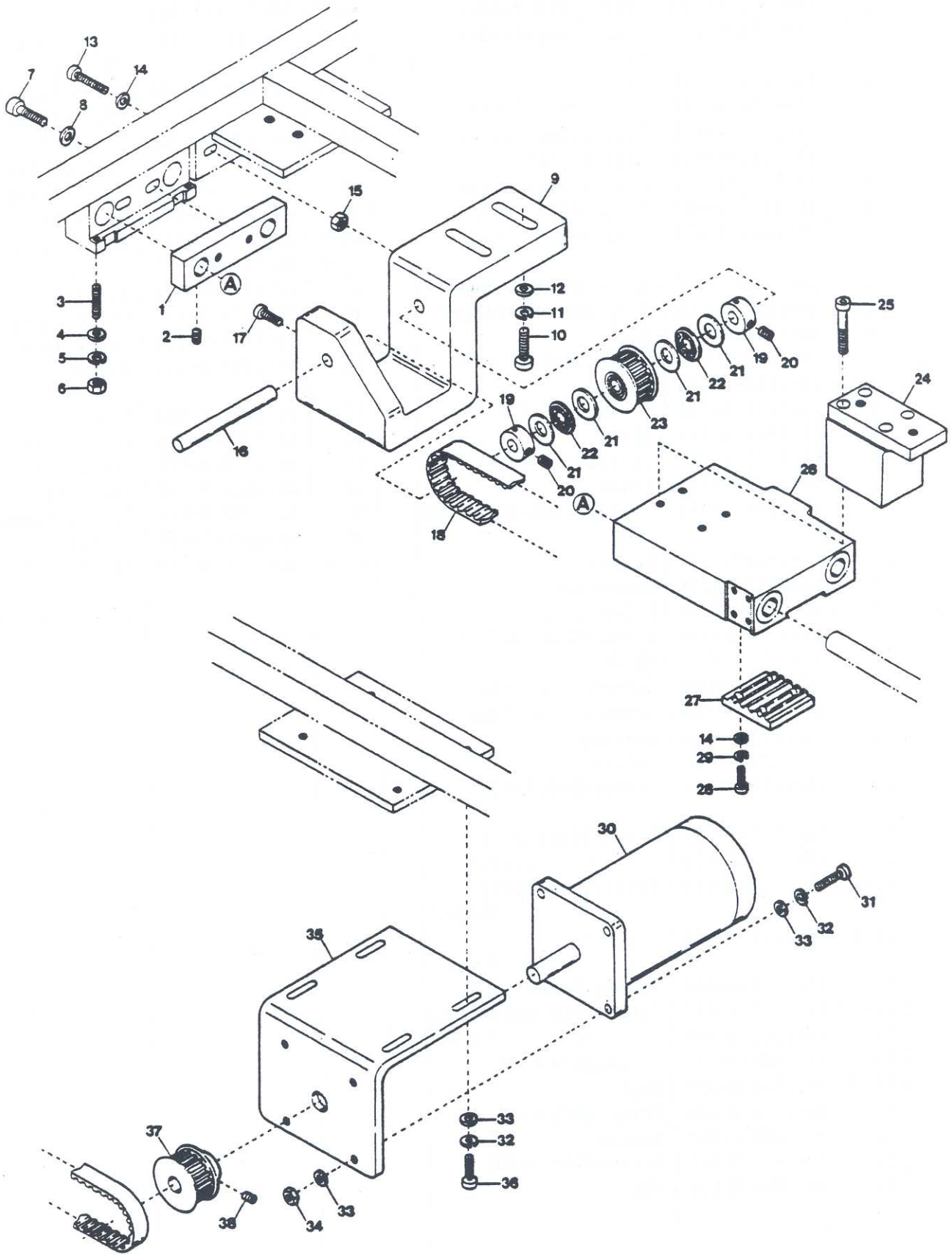
\* Specify Length.



Det. No	Parts. No	Description
1-1	48-1125-5-731	Flap Clamp(Right)
1-2	48-1125-5-732	" (Left)
2	46-1001-4-590	Flap Clamp Rubber
3	48-1018-0-023	Flap Clamp(Right) Pin
4	46-1000-0-012	Nut
5	46-1000-9-746	Screw(M4-0.7×8)
6	46-1001-5-472	Flap Clamp Spacer
7	46-1001-4-614	Flap Holder
8	46-1001-4-610	Flap Holder Collar
9	46-1016-0-000	Screw(M3-0.5×3)
10	46-1001-4-611	Flap Holder Shaft
11	46-1000-9-736	Screw(M4-0.7×6)
12	46-1001-4-608	Flap Holder Bracket
13	46-1000-0-145	Nut
14	46-1000-6-193	Screw(M8-1.25×19)
15	46-1000-0-665	Washer
16	46-1000-6-235	Screw(M4-0.7×35)
17	46-1001-4-609	Shaft
18	46-1001-4-587	Cylinder Bracket
19	46-1001-0-284	Y-Knuckle
20	48-1109-1-046	Cylinder(MS-16ND-35P)
21	46-1000-0-623	Gasket
22	46-1001-0-258	Connector
23	46-1001-0-019	L-Connector
24	48-1125-5-330	Brush Blade Holder
25	48-1125-5-331	Shaft
26	46-1016-0-001	Screw(M4-0.7×4)
27	48-1125-5-740	Brush Blade Block
28	48-1125-5-348	Bearing
29	48-1125-5-897	Collar
30	48-1012-0-026	Screw(M5-0.8×18)
31-1	48-1125-5-729	Brush Blade(Right)
31-2	48-1125-5-730	" (Left)
32-1	48-1125-5-596	Reflective Sheet (Right)
32-2	48-1125-5-353	" (Left)
33	46-1000-0-644	Spring Washer
34-1	46-1001-4-645	Connecting Arm(Right)
34-2	46-1001-4-646	" (Left)
35	46-1000-9-976	Screw(M6-1×15)
36	46-1000-0-399	Washer
37	46-1000-9-964	Screw(M6-1×40)
38	46-1000-0-663	Washer
39	48-1019-0-042	Screw(M12-1×23)
40	46-1000-6-185	Nut

Det. No	Parts. No	Description
41	-----	Spacer(See Page 19)
42-1	48-1125-5-743	Clamp Foot(Right)
42-2	48-1125-5-744	" (Left)
43-1	46-1001-4-589	Clamp Foot Rubber (3.5mm)
43-2	48-1125-5-960	Clamp Foot Rubber (6.0mm) (Extra)
43-3	48-1125-5-961	Clamp Foot Rubber (2.0mm) (Extra)
44	48-1125-5-748	Cover Plate
45	46-1000-6-217	Screw(M3-0.5×5)
46-1	48-1125-5-296	Stop(Right)
46-2	48-1125-5-297	" (Left)
47	48-1011-0-030	Screw(M3-0.5×2.6)
48	46-1125-5-747	Positioning Plate
49	46-1000-9-791	Screw(M3-0.5×6)
50	46-1000-0-014	Washer
51	48-1000-0-553	Washer
52	48-1125-5-746	Flap Guide
53	48-1125-5-741	Press Spring
54	46-1000-9-746	Screw(M4-0.7×8)
55	46-1000-0-644	Spring Washer
56	46-1000-0-665	Washer
57 *	46-1001-0-260	Air Tubing(4×2.5mm)

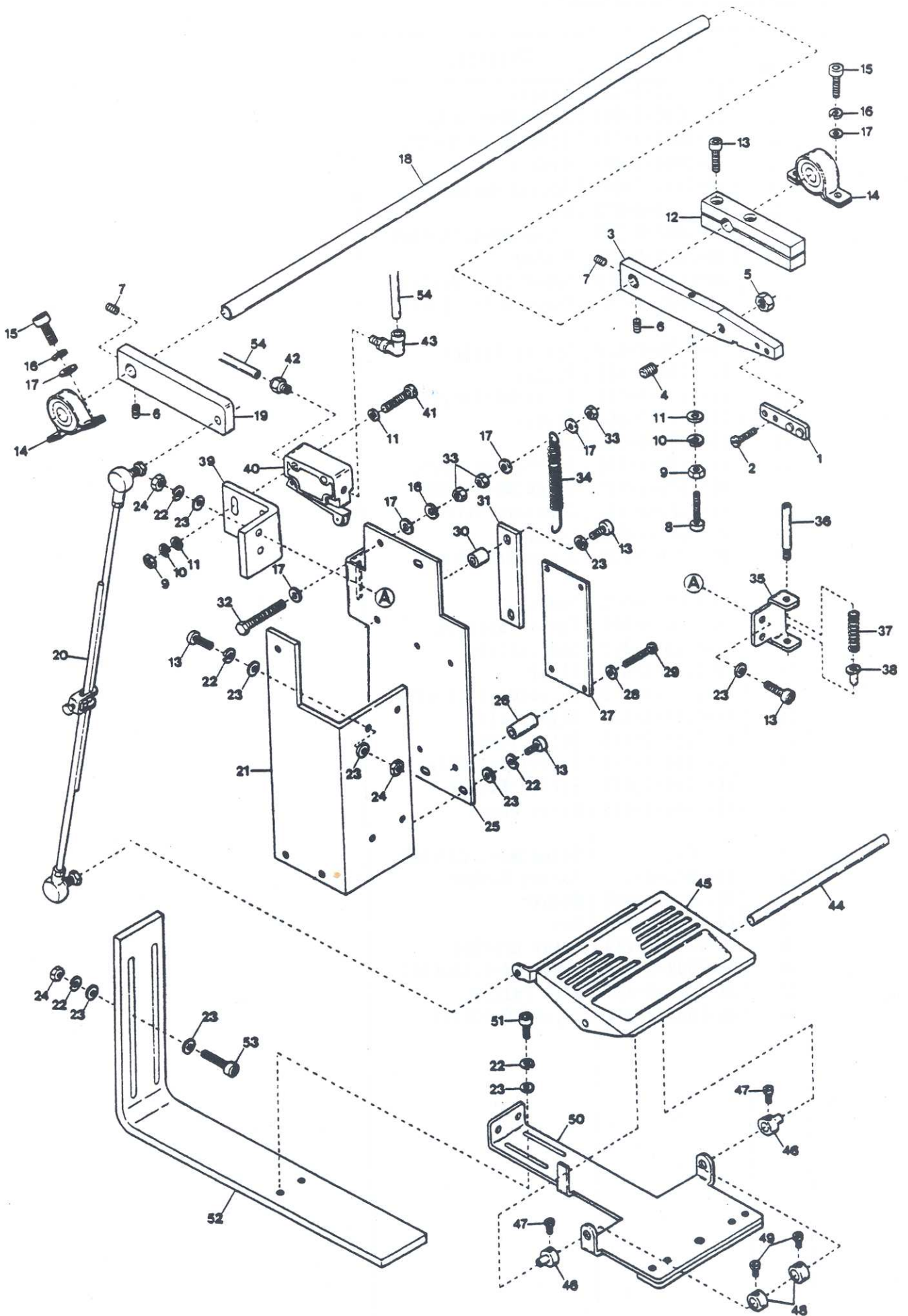
\* Specify Length.



## CARRIAGE DRIVE COMPONENTS

21

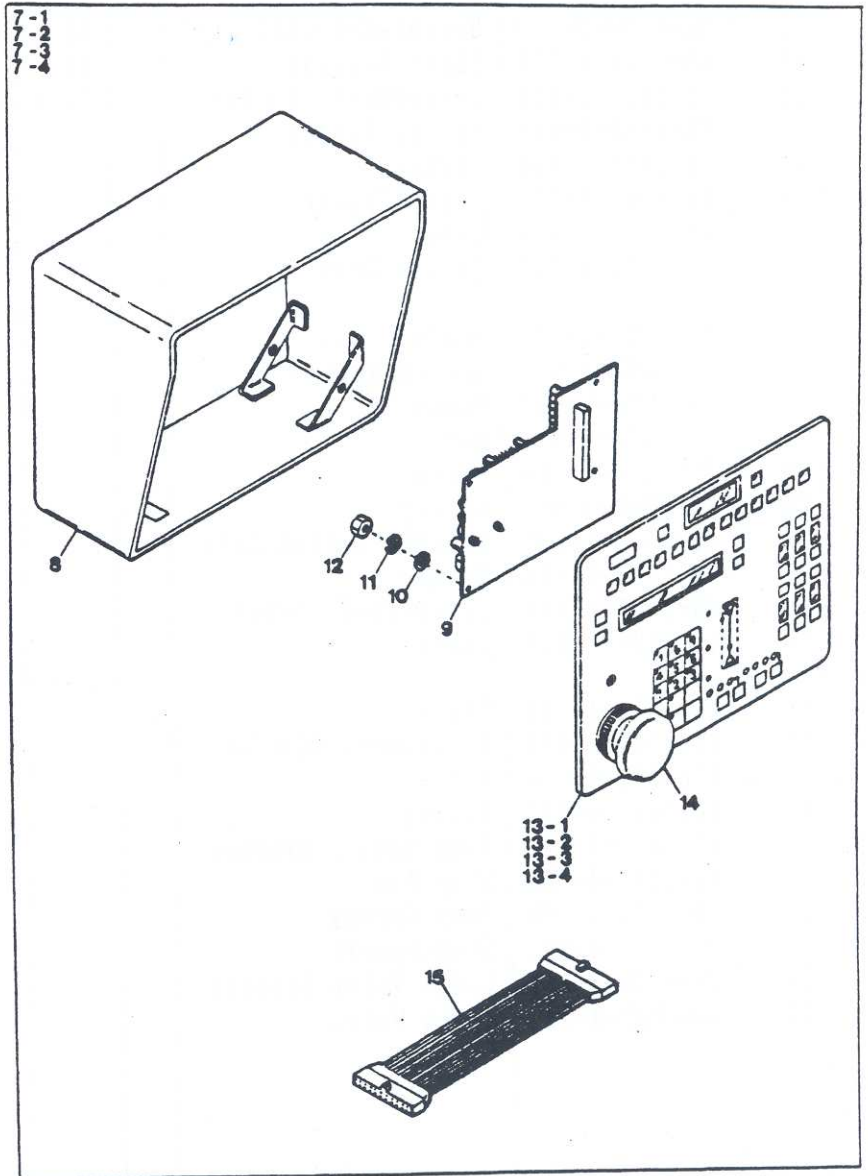
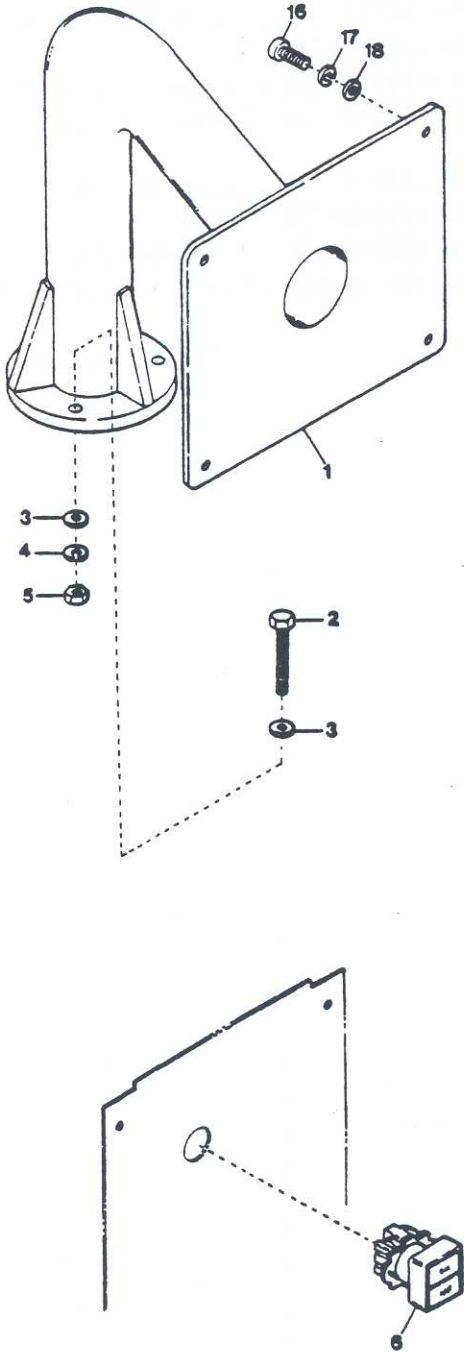
Det. No	Parts. No	Description
1	46-1001-4-101	Holder
2	46-1000-3-662	Screw(M6-1×6)
3	46-1000-9-738	Screw(M5-0.8×30)
4	46-1000-0-669	Washer
5	46-1000-0-600	Spring Washer
6	46-1000-0-009	Nut
7	46-1000-6-220	Screw(M8-1.25×40)
8	46-1000-0-429	Washer
9	48-1125-5-419	Sub-Pulley Holder
10	46-1000-9-761	Screw(M10-1.5×55)
11	46-1000-0-439	Spring Washer
12	46-1000-0-432	Washer
13	46-1000-9-755	Screw(M6-1×45)
14	46-1000-0-663	Washer
15	46-1000-0-011	Nut
16	48-1125-5-416	Sub-Pulley Shaft
17	46-1000-9-740	Screw(M6-1×10)
18	48-1125-5-412	Carriage Belt
19	46-1007-7-286	Collar
20	46-1000-3-635	Screw(1/4-40×6)
21	46-1001-4-572	Spacer
22	46-1001-4-571	Thrust Bearing
23	48-1125-5-413	Sub-Pulley
24	48-1125-5-424	Block
25	46-1000-9-759	Screw(M8-1.25×55)
26	48-1125-5-422	Slide Unit
27	48-1125-5-415	Belt Clamp
28	46-1000-9-754	Screw(M6-1×35)
29	46-1000-0-667	Spring Washer
30	48-1106-4-024	Drive Motor
31	46-1000-9-940	Screw(M8-1.25×35)
32	46-1000-0-676	Spring Washer
33	46-1000-0-666	Washer
34	46-1000-0-016	Nut
35	48-1125-5-410	Motor Bracket
36	46-1000-9-936	Screw(M8-1.25×20)
37	48-1125-5-411	Main Pulley
38	46-1000-6-210	Screw(M6-1×12)



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	46-1000-9-914	Screw(M4-0.7×40)
9	46-1000-0-015	Nut
10	46-1000-0-644	Spring Washer
11	46-1000-0-665	Washer
12	46-1001-4-918	Stop(Lower)
13	46-1000-9-970	Screw(M6-1×20)
14	46-1001-4-758	Shaft Bearing
15	46-1000-9-936	Screw(M8-1.25×20)
16	46-1000-0-676	Spring Washer
17	46-1000-0-666	Washer
18	46-1001-4-769	Shaft(Upper)
19	46-1001-4-919	Lever
20	46-1001-4-722	Pitman Unit
21	46-1001-4-921	Angle Plate
22	46-1000-0-667	Spring Washer
23	46-1000-0-663	Washer
24	46-1000-0-011	Nut
25	46-1001-4-920	Plate
26	46-1001-0-914	Spacer
27	46-1001-4-903	Treadle Switch Unit
28	46-1000-0-014	Washer
29	46-1000-9-957	Screw(M3-0.5×16)
30	46-1001-4-917	Spacer
31	46-1001-4-723	Plate
32	46-1000-9-978	Screw(M8-1.25×50)
33	46-1000-0-016	Nut
34	46-1001-4-757	Spring
35	46-1001-4-759	Stop Spring Bracket
36	46-1001-4-756	Stop Pin
37	46-1001-4-760	Stop Spring
38	46-1001-4-761	Stop(Upper)
39	48-1125-5-821	Limit Valve Support
40	48-1109-0-089	Limit Valve

Det. No	Parts. No	Description
41	48-1012-0-027	Screw(M4-0.7×25)
42	46-1001-0-055	Connector(φ4-1/8)
43	46-1001-0-057	Elbow Connector (φ4-1/8)
44	46-1125-5-130	Shaft(Lower)
45	46-1125-5-092	Treadle
46	46-1125-5-324	Shaft Collar
47	48-1011-0-017	Screw(M5-0.8×8)
48	46-1003-2-719	Collar
49	46-1000-4-351	Screw(9/64-40×7)
50	46-1001-4-753	Treadle Support
51	46-1000-9-976	Screw(M6-1×15)
52	46-1001-5-226	Plate
53	46-1000-6-201	Screw(M6-1×50)
54 *	46-1001-0-260	Air Tubing(4×2.5mm)

\* Specify Length.

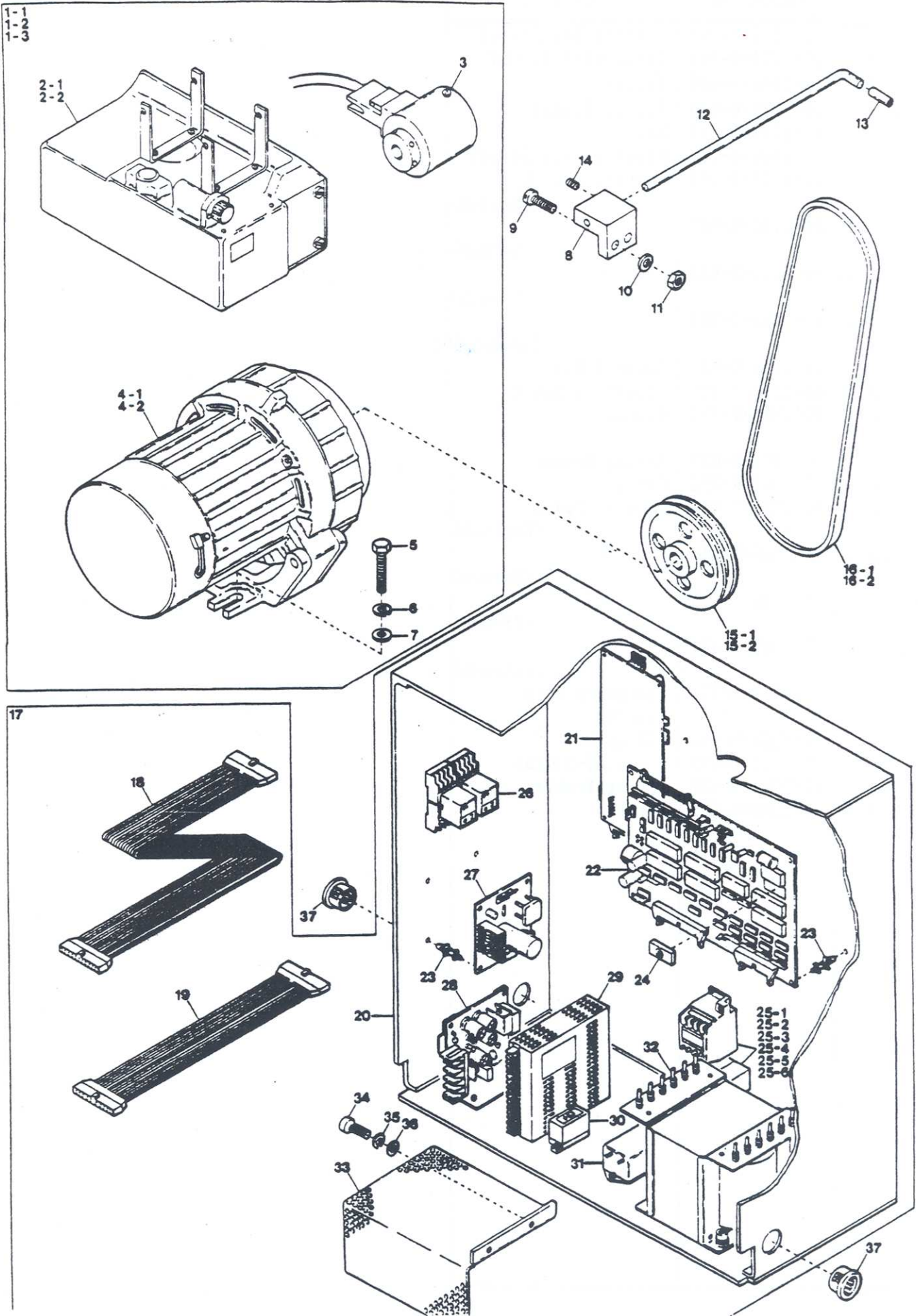




## CONTROL PANEL

23

Det. No	Parts. No	Description
1	48-1125-5-508	Control Box Holder
2	46-1000-9-759	Screw(M8-1.25×55)
3	46-1000-0-666	Washer
4	46-1000-0-676	Spring Washer
5	46-1000-0-016	Nut
6	48-1106-6-011	Power Source Switch
7-1	48-1125-5-566	Control Box, C. (English)
7-2	48-1125-5-567	" (German)
7-3	48-1125-5-568	" (French)
7-4	48-1125-5-569	" (Japanese)
8	48-1125-5-521	Control Box
9	48-1105-7-025	Interface Board
10	46-1000-0-014	Washer
11	46-1000-0-002	Spring Washer
12	46-1000-0-012	Nut
13-1	48-1105-7-032	Control Panel (English)
13-2	48-1105-7-036	" (German)
13-3	48-1105-7-035	" (French)
13-4	48-1105-7-034	" (Japanese)
14	46-1001-0-906	Emergency Stop Switch
15	48-1120-0-081	LCD Cable
16	46-1000-9-977	Screw(M6-1×25)
17	46-1000-0-667	Spring Washer
18	46-1000-0-663	Washer

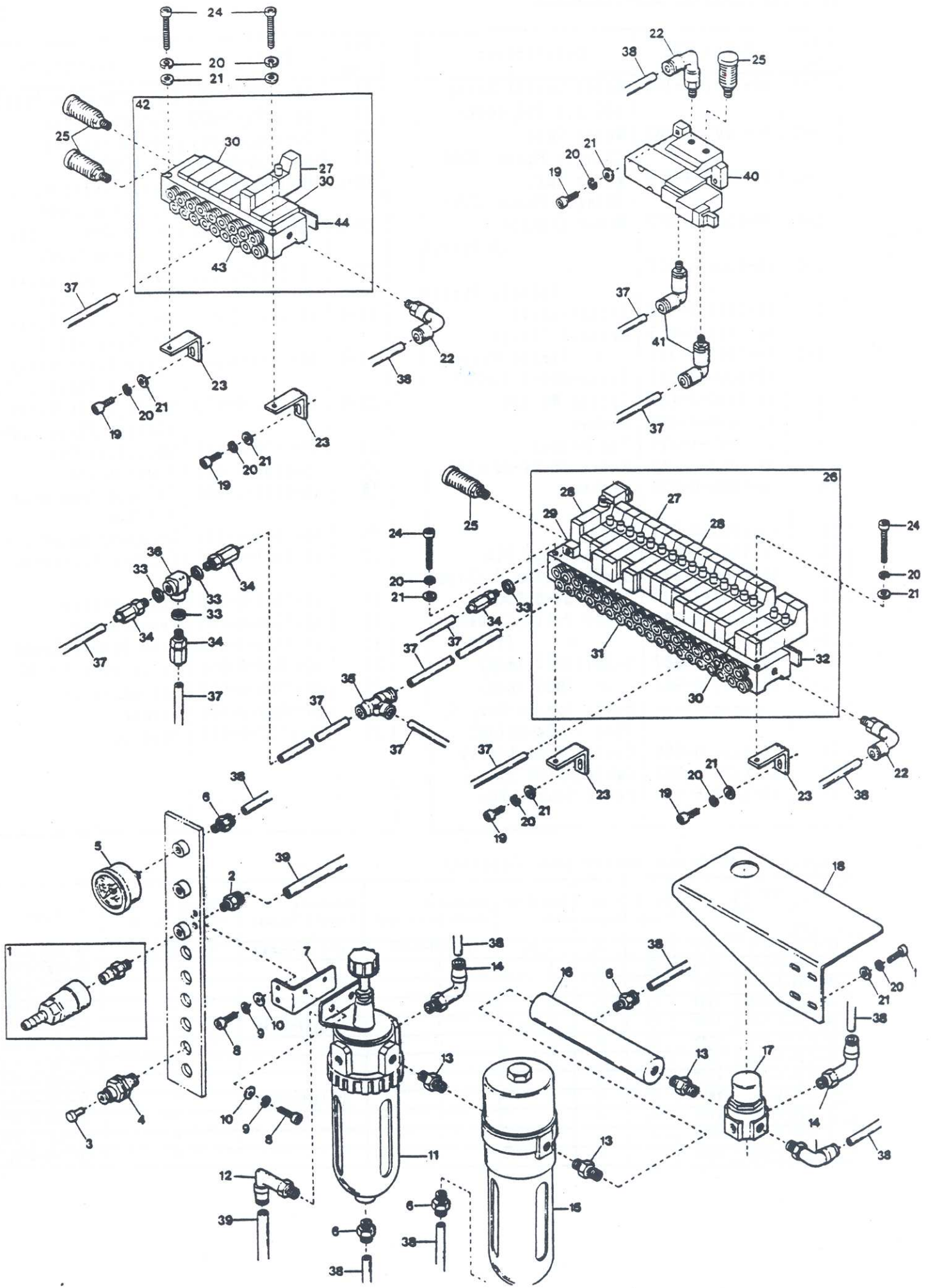


Det. No	Parts. No	Description
1-1	46-1001-0-900	Motor Unit(3 Phase 200, 220, 380, 440V)
1-2	46-1001-0-965	Motor Unit (Single Phase 100V)
1-3	46-1001-0-978	Motor Unit (Single Phase 220V)
2-1	46-1001-0-957	Motor Control (3 Phase)
2-2	46-1001-0-977	" (Single Phase)
3	46-1001-0-956	Synchronizer
4-1	46-1001-0-955	Motor(3 Phase)
4-2	46-1001-0-976	" (Single Phase)
5	46-1000-9-928	Screw(M10-1.5×30)
6	46-1000-0-439	Spring Washer
7	46-1000-0-432	Washer
8	46-1001-4-418	Pin Holder
9	46-1000-4-445	Screw(11/64-40×11)
10	46-1000-0-530	Washer
11	46-1000-0-334	Nut
12	46-1001-4-421	Positioning Pin
13	46-1002-2-837	Synchronizer Cushion
14	46-1000-9-736	Screw(M4-0.7×6)
15-1	46-1001-4-797	Motor Pulley(100mm)
15-2	46-1001-4-798	" (120mm)
16-1	46-1001-0-987	V-Belt(M52 inch)
16-2	46-1001-0-988	" (M53 inch)
17	-----	Power Source Box, C. (See table below)
18	48-1120-0-066	Cable(1) (50 lines)
19	48-1120-0-082	Cable(2) (50 lines)
20	48-1125-5-497	Power Source Box

Det. No	Parts. No	Description
21	48-1105-7-024	Intermediate Board
22	48-1105-7-023	Control Board
23	46-1001-0-954	Board Support
24	48-1105-0-050	"EPROM"
25-1	46-1001-0-894	Motor Start Relay (3 Phase 200V)
25-2	46-1001-0-895	Motor Start Relay (3 Phase 220V)
25-3	46-1001-0-896	Motor Start Relay (3 Phase 380V)
25-4	46-1001-0-897	Motor Start Relay (3 Phase 440V)
25-5	46-1001-0-913	Motor Start Relay (Single Phase 100V)
25-6	46-1001-0-979	Motor Start Relay (Single Phase 220V)
26	48-1106-6-060	Amplifier Unit
27	48-1105-7-016	Power Board
28	48-1106-1-000	Voltage Regulator (5V 3A)
29	48-1106-4-039	Stepping Motor Drive
30	46-1001-0-842	Circuit Protector
31	46-1001-0-846	Noise Filter
32	48-1106-0-003	Transformer
33	48-1125-5-498	Transformer Cover
34	46-1000-9-992	Screw(M4-0.7×10)
35	46-1000-0-644	Spring Washer
36	46-1000-0-665	Washer
37	48-1107-0-056	Bushing

Components of Power Source Box, Complete

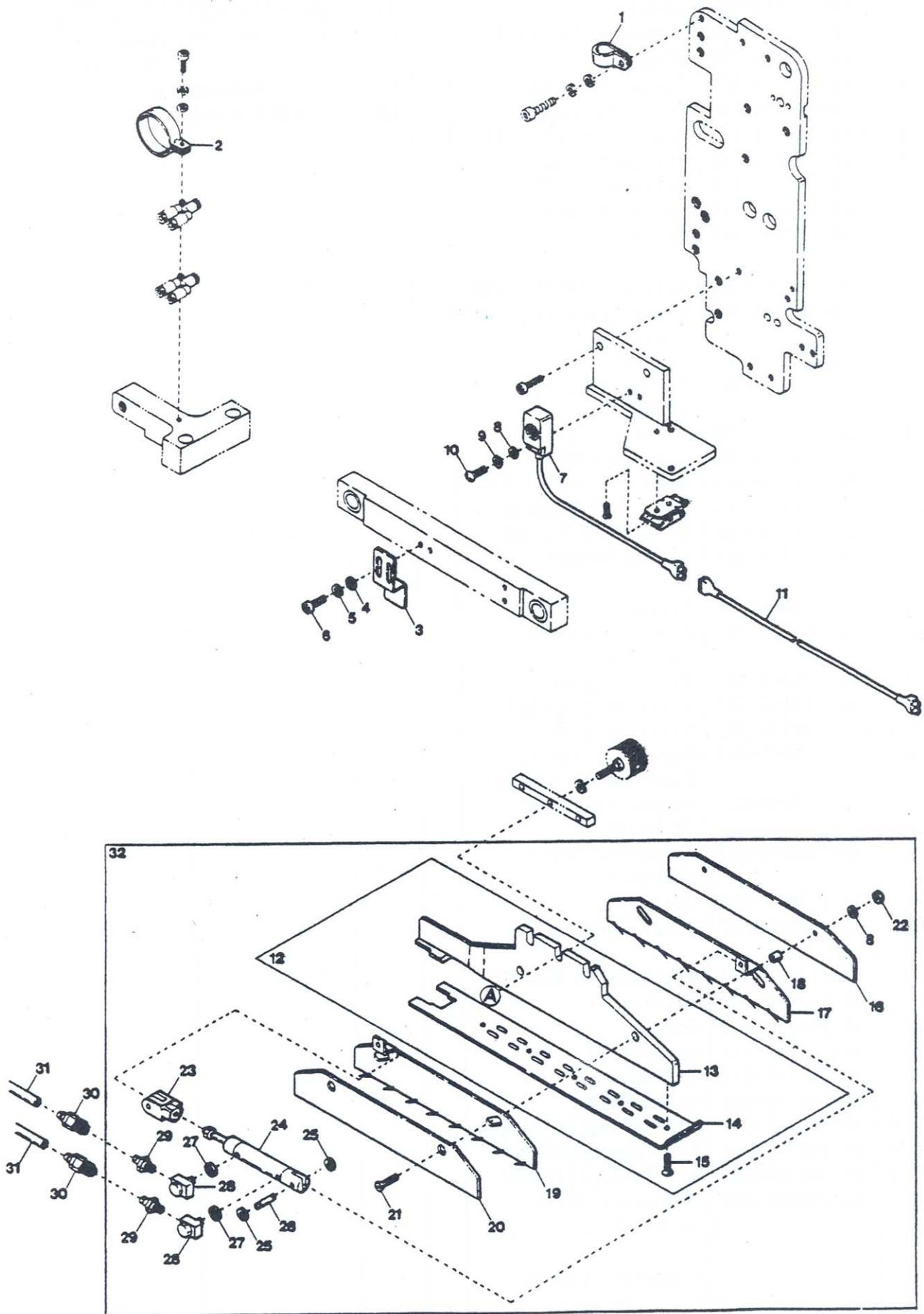
Parts No.	Description	Voltage	Patch Loader	Flap Loader	Amplifier Unit	Pneumatic Valve(19 Valves)	Pneumatic Valve(9 Valves)	Pneumatic Valve(1 Valve)	Relay
48-1124-9-015		200V	○	○	1 pc.	48-1109-0-081	48-1109-0-043	48-1109-0-082	46-1001-0-894
48-1124-9-016		220V	○	○	1	"	"	"	46-1001-0-895
48-1124-9-017		380V	○	○	1	"	"	"	46-1001-0-896
48-1124-9-018		440V	○	○	1	"	"	"	46-1001-0-897
48-1125-5-588		200V	○	×	2 pcs.	"	48-1109-0-045	"	46-1001-0-894
48-1125-5-587		220V	○	×	2	"	"	"	46-1001-0-895
48-1125-5-588		380V	○	×	2	"	"	"	46-1001-0-896
48-1125-5-589		440V	○	×	2	"	"	"	46-1001-0-897
48-1125-5-590		200V	×	×	2	"	48-1109-0-090	"	46-1001-0-894
48-1125-5-591		220V	×	×	2	"	"	"	46-1001-0-895
48-1125-5-592		380V	×	×	2	"	"	"	46-1001-0-896
48-1125-5-593		440V	×	×	2	"	"	"	46-1001-0-897



Det. No	Parts. No	Description
1	46-1001-0-227	Coupler
2	46-1001-0-265	Connector( $\phi$ 8-1/4)
3	46-1001-0-278	Plug
4	46-1001-0-270	Connector( $\phi$ 4)
5	46-1001-0-188	Pressure Gauge
6	46-1001-0-264	Connector( $\phi$ 6-1/4)
7	46-1001-4-745	Regulator Support
8	46-1000-9-976	Screw(M6-1 $\times$ 15)
9	46-1000-0-667	Spring Washer
10	46-1000-0-663	Washer
11	46-1001-0-184	Regulator(AW211-02B)
12	46-1001-0-269	Elbow Connector ( $\phi$ 8-1/4)
13	46-1001-0-024	Nipple(1/4)
14	46-1001-0-267	Elbow Connector ( $\phi$ 6-1/4)
15	46-1001-0-239	Oil Mist Separator
16	46-1001-4-744	Air Distributor
17	46-1001-0-185	Regulator(AR111-02)
18	48-1125-5-704	Regulator Support
19	46-1000-9-749	Screw(M4-0.7 $\times$ 16)
20	46-1000-0-644	Spring Washer
21	46-1000-0-665	Washer
22	46-1001-0-266	Elbow Connector ( $\phi$ 6-1/8)
23	48-1125-5-531	Valve Support
24	48-1012-0-027	Screw(M4-0.7 $\times$ 25)
25	46-1001-0-143	Silencer(MF6)
26	48-1109-0-081	Pneumatic Valve, Complete(19 Valves)
27	48-1109-0-035	Pneumatic Valve (5 Port)
28	48-1109-0-042	Pneumatic Valve (3 Port)
29	48-1109-0-065	Spacer
30	48-1109-0-037	Blind Cover
31	48-1109-0-041	Manifold(19 Valves)
32	48-1039-0-031	Sticker
33	46-1000-0-623	Gasket
34	46-1001-0-258	Connector
35	46-1001-0-271	T-Connector
36	46-1001-0-416	Quick Valve
37 *	46-1001-0-260	Air Tubing(4 $\times$ 2.5mm)
38 *	46-1001-0-261	Air Tubing(6 $\times$ 4mm)
39 *	46-1001-0-262	Air Tubing(8 $\times$ 6mm)
40	48-1109-0-082	Pneumatic Valve (4 Port)
		* Specify Length.

Det. No	Parts. No	Description
41	46-1001-0-057	L-Connector( $\phi$ 4-1/8)
42	48-1109-0-045	Pneumatic Valve, C. (9 Valves)
43	48-1109-0-040	Manifold(9 Valves)
44	48-1039-0-032	Sticker

Series 48-F, G, H, J(1)



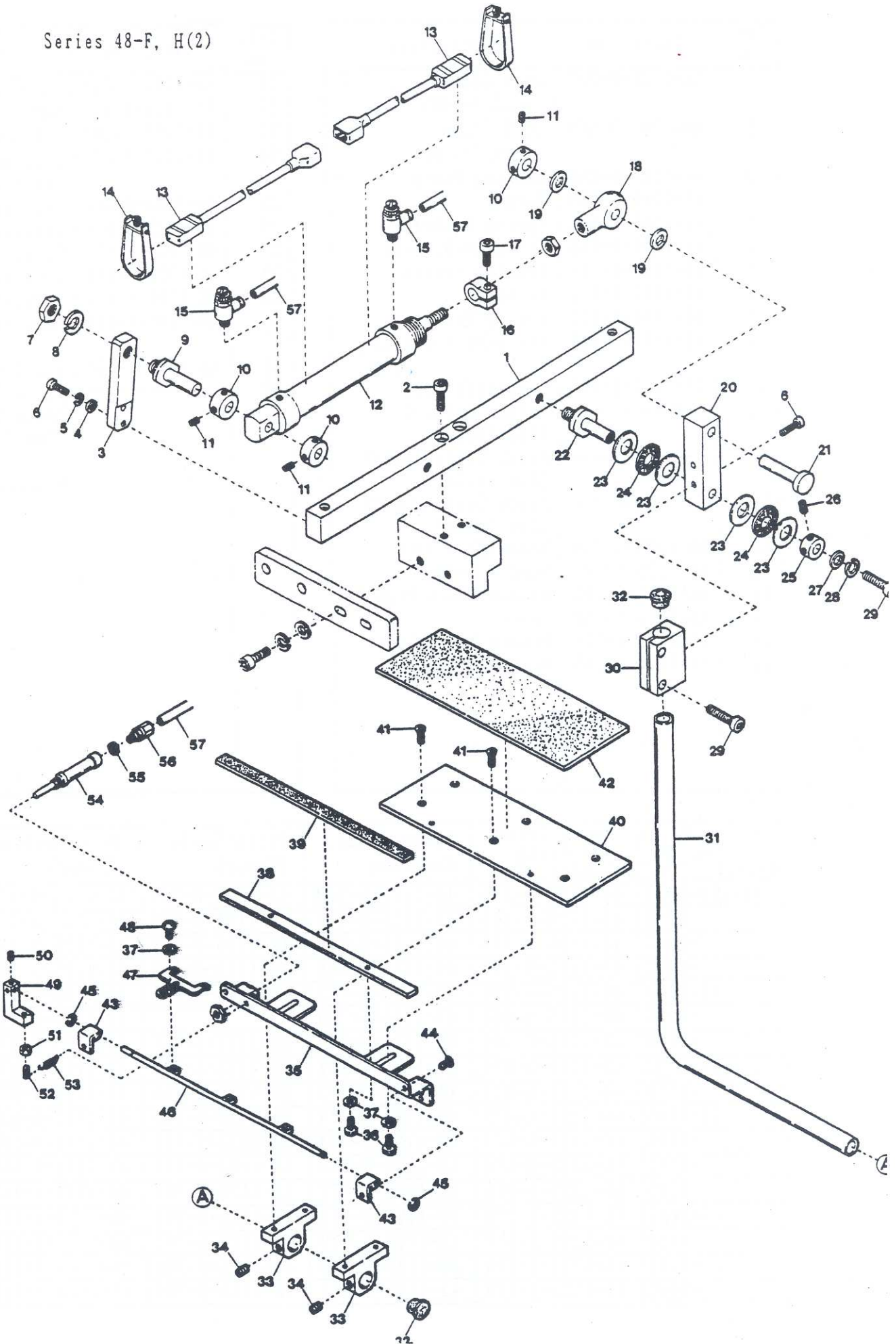
Det. No.	Parts. No.	Description
1	46-1001-0-722	Cord Clamp ( $\phi$ 22.9-14N)
2	48-1001-0-659	Cord Clamp ( $\phi$ 29.2-18N)
3	48-1125-5-240	Sensing Plate
4	46-1000-0-665	Washer
5	46-1000-0-644	Spring Washer
6	46-1000-9-746	Screw(M4-0.7 $\times$ 8)
7	48-1106-6-014	Sensing Switch
8	46-1000-0-014	Washer
9	46-1000-0-002	Spring Washer
10	46-1000-9-745	Screw(M3-0.5 $\times$ 15)
11	48-1120-0-065	Extension Cord
12	-----	Patch Guide, C. (See Table)
13	-----	Patch Guide(Upper) (See Table)
14	-----	Patch Guide(Lower) (See Table)
15	46-1000-9-734	Screw(M2-0.4 $\times$ 6)
16	48-1125-5-249	Needle Cover(1)
17	48-1125-5-253	Needle Plate(Right)
18	48-1125-5-256	Spacer
19	48-1125-5-251	Needle Plate(Left)
20	48-1125-5-255	Needle Cover(2)

Det. No.	Parts. No.	Description
21	48-1000-7-626	Screw(M3-0.5 $\times$ 11)
22	46-1000-0-012	Nut
23	46-1001-0-283	Y-Knuckle(3mm)
24	48-1109-1-021	Sylinder (MS10-PD-15P)
25	48-1003-4-293	Retaining Ring
26	48-1125-5-556	Cylinder Pin
27	46-1000-0-623	Gasket
28	46-1001-0-019	L-Connector
29	48-1109-4-016	Nipple(M5)
30	48-1109-4-015	Coupler
31 *	46-1001-0-260	Air Tubing(4 $\times$ 2.5mm)
32	-----	Patch Guide for Patch Loader, C. (See Table)

\* Specify Length.

Models	Parts No.	Patch Guide for Patch Loader, C.	Patch Guide, Complete	Patch Guide (Upper)	Patch Guide (Lower)
S48-A10-175S		48-1125-5-864	48-1125-5-766	48-1125-5-754	48-1125-5-274
-175D		48-1125-5-865	48-1125-5-767	48-1125-5-755	48-1125-5-270
-185S		48-1125-5-866	48-1125-5-768	48-1125-5-754	48-1125-5-750
-185D		48-1125-5-867	48-1125-5-769	48-1125-5-755	48-1125-5-751
12-210D		48-1125-5-959	48-1125-5-782	48-1125-5-756	48-1125-5-784
-220S		48-1125-5-868	48-1125-5-770	"	48-1125-5-275
-220D		48-1125-5-869	48-1125-5-771	48-1125-5-757	48-1125-5-271
14-270S		48-1125-5-870	48-1125-5-772	48-1125-5-758	48-1125-5-276
-270D		48-1125-5-871	48-1125-5-773	48-1125-5-759	48-1125-5-272
16-300S		48-1125-5-872	48-1125-5-774	48-1125-5-760	48-1125-5-510
-300D		48-1125-5-873	48-1125-5-775	48-1125-5-761	48-1125-5-509
-310S		48-1125-5-874	48-1125-5-776	48-1125-5-760	48-1125-5-450
-310D		48-1125-5-875	48-1125-5-777	48-1125-5-761	48-1125-5-447
18-350S		48-1125-5-876	48-1125-5-778	48-1125-5-762	48-1125-5-451
-350D		48-1125-5-877	48-1125-5-779	48-1125-5-763	48-1125-5-448
20-390S		48-1125-5-878	48-1125-5-780	48-1125-5-764	48-1125-5-452
-390D		48-1125-5-879	48-1125-5-781	48-1125-5-765	48-1125-5-449

Series 48-F, H(2)



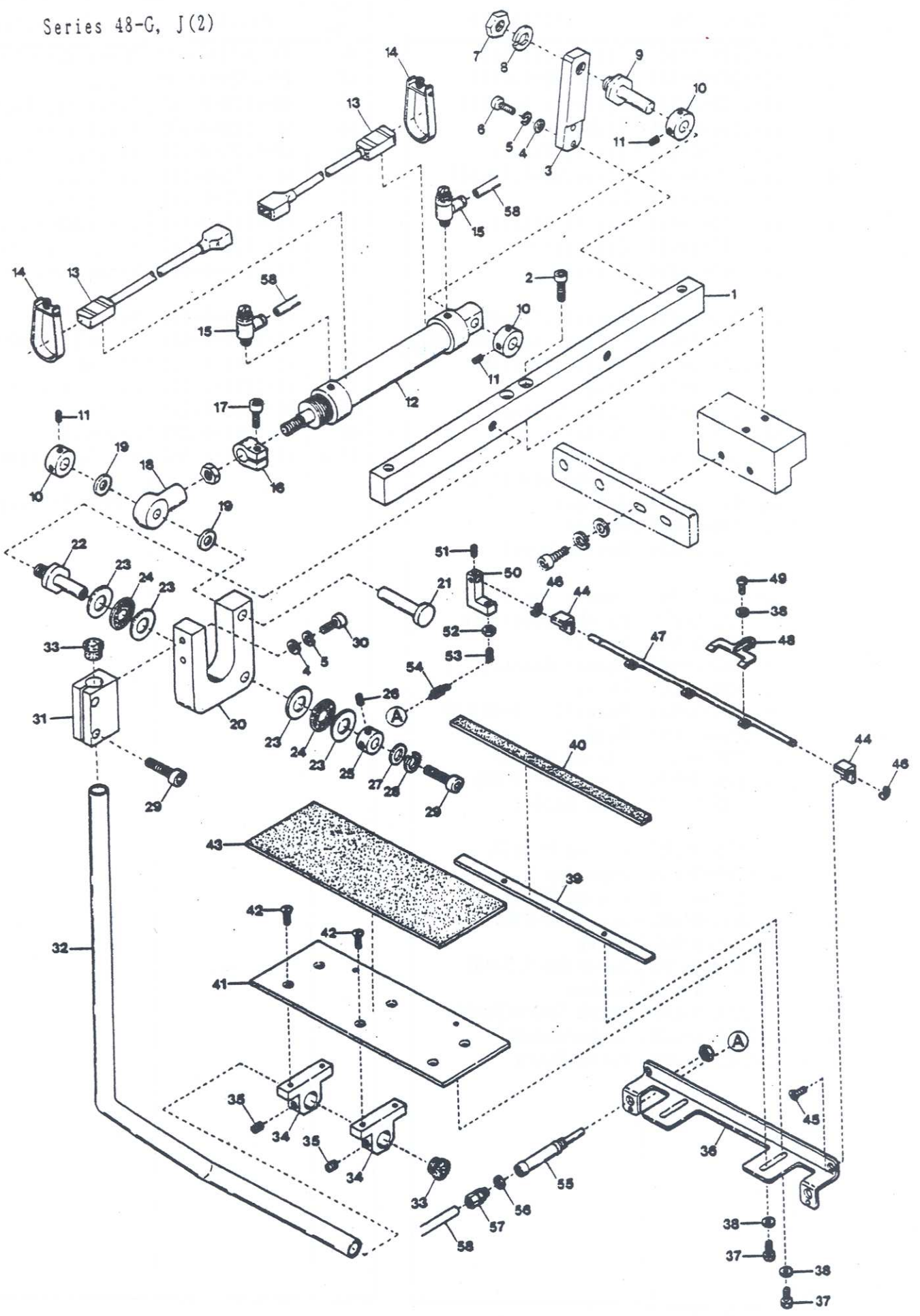


Det. No	Parts. No	Description
1	48-1125-5-282	Supporting Bar
2	46-1000-9-753	Screw(M6-1×30)
3	48-1125-5-597	Cylinder Support
4	46-1000-0-665	Washer
5	46-1000-0-644	Spring Washer
6	46-1000-9-749	Screw(M4-0.7×16)
7	46-1000-0-054	Nut
8	46-1000-0-439	Spring Washer
9	46-1001-4-523	Cylinder Pin
10	46-1007-7-296	Collar
11	46-1000-7-650	Screw(11/64-40×5)
12	48-1109-1-022	Cylinder(REMD20×50)
13	48-1106-6-013	Sensing Switch
14	46-1001-0-301	Band
15	46-1001-0-254	Speed Control
16	48-1003-3-104	Collar
17	48-1000-5-550	Screw (11/64-40×13.5)
18	46-1001-4-402	Rod End
19	46-1000-0-666	Washer
20	48-1125-5-284	Moving Lever
21	48-1125-5-557	Connecting Pin
22	48-1125-5-285	Patch Loader Pin
23	48-1003-2-848	Spacer
24	48-1003-2-849	Thrust Bearing
25	48-1003-0-228	Collar
26	48-1000-3-638	Screw(11/64-40×4)
27	46-1000-0-663	Washer
28	46-1000-0-667	Spring Washer
29	46-1000-9-976	Screw(M6-1×15)
30	48-1125-5-797	Pipe Holder
31	48-1125-5-327	Fixing Pipe(3)
32	48-1009-3-864	Pipe Cap
33	48-1125-6-140	Fixing Block
34	46-1000-3-662	Screw(M6-1×6)
35	48-1125-6-141	Plate
36	46-1000-9-791	Screw(M3-0.5×6)
37	46-1000-0-014	Washer
38	48-1125-6-148	Patch Space(Small)
39	48-1125-6-149	Rubber(Small)
40	48-1125-5-300	Patch Space

Det. No	Parts. No	Description
41	48-1013-0-007	Screw(M4-0.7×10)
42	48-1125-5-299	Rubber
43	48-1125-6-142	Guide Bar Block
44	48-1000-9-903	Screw(M3-0.5×6)
45	48-1003-6-132	Retaining Ring
46	48-1125-6-143	Guide Bar
47	48-1125-6-146	Patch Press
48	48-1011-0-101	Screw(M3-0.5×3)
49	48-1125-6-147	Patch Press Lever
50	46-1016-0-000	Screw(M3-0.5×3)
51	46-1000-0-339	Nut
52	46-1000-6-638	Screw(5/32-40×9.5)
53	48-1008-1-721	Spring
54	48-1109-1-102	Cylinder(MS-6-NFS-10)
55	46-1000-0-623	Gasket
56	46-1001-0-258	Connector
57 *	46-1001-0-260	Air Tubing(4×2.5mm)

\* Specify Length.

Series 48-G, J(2)

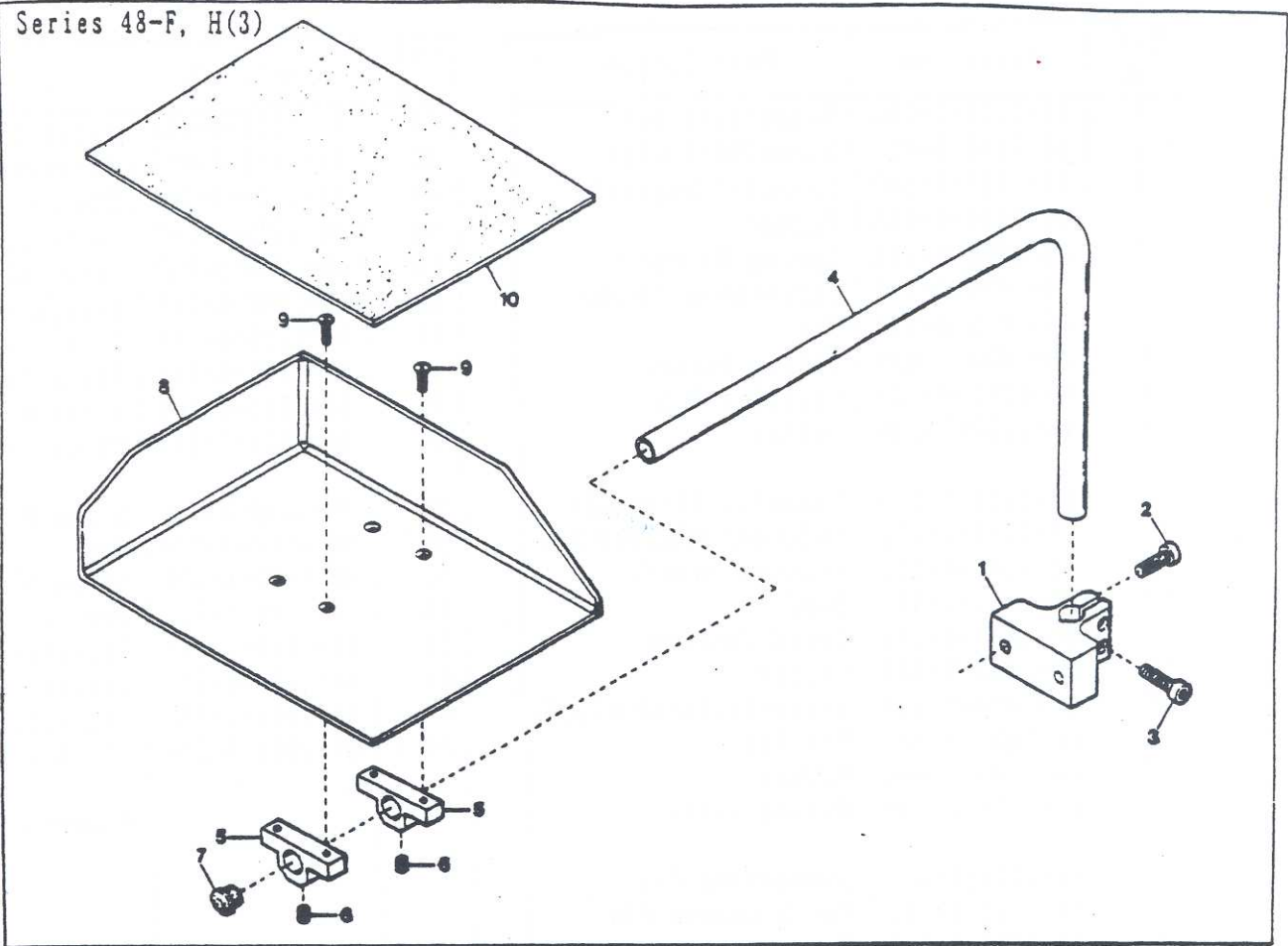


Det. No	Parts. No	Description
1	48-1125-5-282	Supporting Bar
2	46-1000-9-753	Screw(M6-1×30)
3	48-1125-5-597	Cylinder Support
4	46-1000-0-665	Washer
5	46-1000-0-644	Spring Washer
6	46-1000-9-749	Screw(M4-0.7×16)
7	46-1000-0-054	Nut
8	46-1000-0-439	Spring Washer
9	46-1001-4-523	Cylinder Pin
10	46-1007-7-296	Collar
11	46-1000-7-650	Screw(11/64-40×5)
12	48-1109-1-022	Cylinder(REMD20×50)
13	48-1106-6-013	Sensing Switch
14	46-1001-0-301	Band
15	46-1001-0-254	Speed Control
16	48-1003-3-104	Collar
17	48-1000-5-550	Screw(11/64-40×13.5)
18	46-1001-4-402	Rod End
19	46-1000-0-666	Washer
20	48-1125-5-545	Moving Lever
21	48-1125-5-557	Connecting Pin
22	48-1125-5-285	Patch Loader Pin
23	48-1003-2-848	Spacer
24	48-1003-2-849	Thrust Bearing
25	48-1003-0-228	Collar
26	48-1000-3-638	Screw(11/64-40×4)
27	46-1000-0-663	Washer
28	46-1000-0-667	Spring Washer
29	46-1000-9-976	Screw(M6-1×15)
30	48-1012-0-027	Screw(M4-0.7×25)
31	48-1125-5-797	Pipe Holder
32	48-1125-5-547	Fixing Pipe(2)
33	48-1009-3-864	Pipe Cap
34	48-1125-6-140	Fixing Block
35	46-1000-3-662	Screw(M6-1×6)
36	48-1125-6-141	Plate
37	46-1000-9-791	Screw(M3-0.5×6)
38	46-1000-0-014	Washer
39	48-1125-6-148	Patch Space(Small)
40	48-1125-6-149	Rubber(Small)

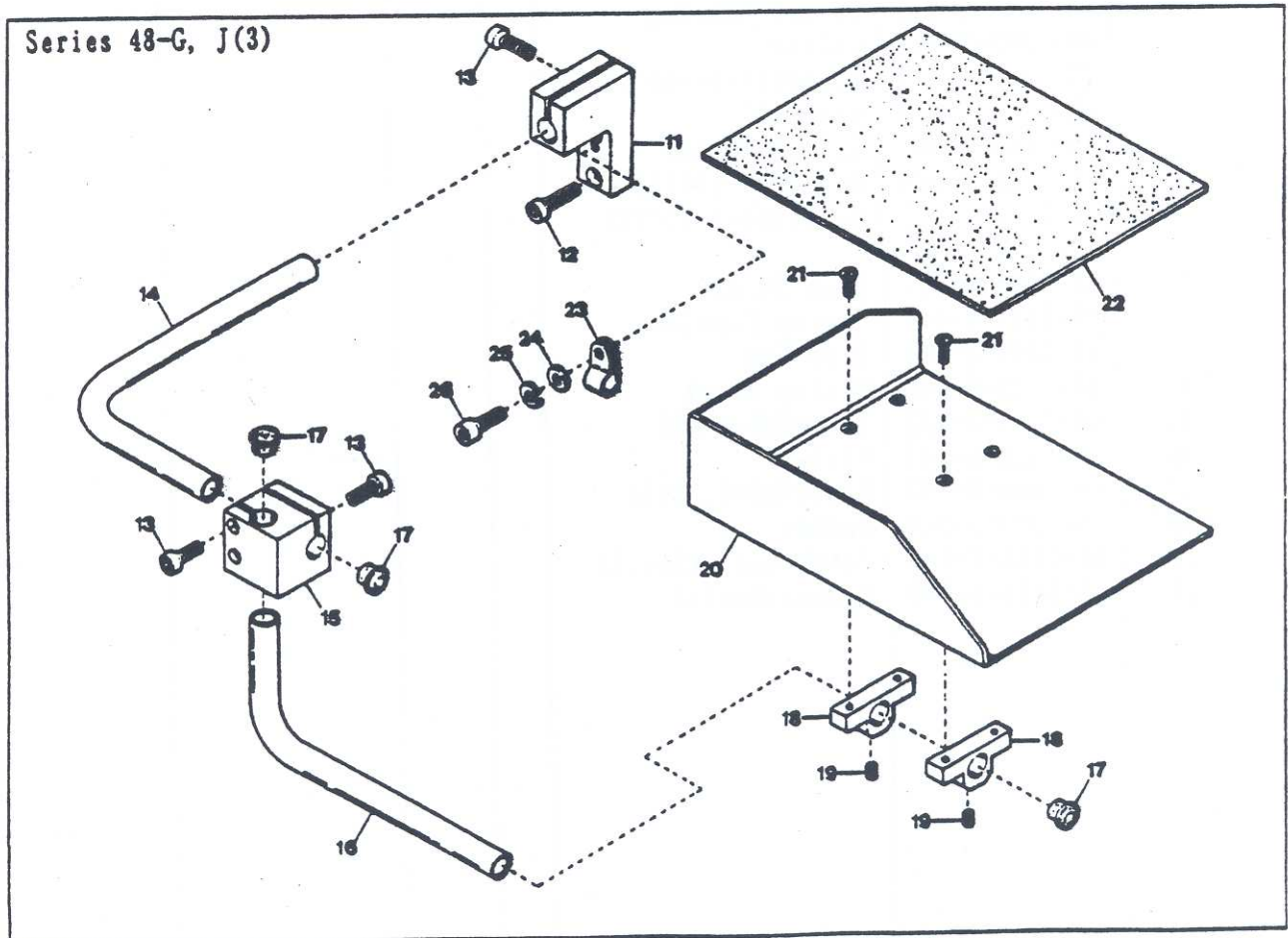
Det. No	Parts. No	Description
41	48-1125-5-300	Patch Space
42	48-1013-0-007	Screw(M4-0.7×10)
43	48-1125-5-299	Rubber
44	48-1125-6-142	Guide Bar Block
45	48-1000-9-903	Screw(M3-0.5×6)
46	48-1003-6-132	Retaining Ring
47	48-1125-6-143	Guide Bar
48	48-1125-6-146	Patch Press
49	48-1011-0-101	Screw(M3-0.5×3)
50	48-1125-6-147	Patch Press Lever
51	46-1016-0-000	Screw(M3-0.5×3)
52	46-1000-0-339	Nut
53	46-1000-6-638	Screw(5/32-40×9.5)
54	48-1008-1-721	Spring
55	48-1109-1-102	Cylinder(MS-6-NFS-10)
56	46-1000-0-623	Gasket
57	46-1001-0-258	Connector
58 *	46-1001-0-260	Air Tubing(4×2.5mm)

\* Specify Length.

Series 48-F, H(3)

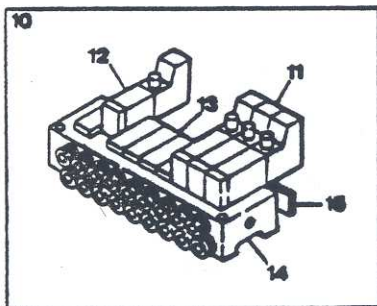
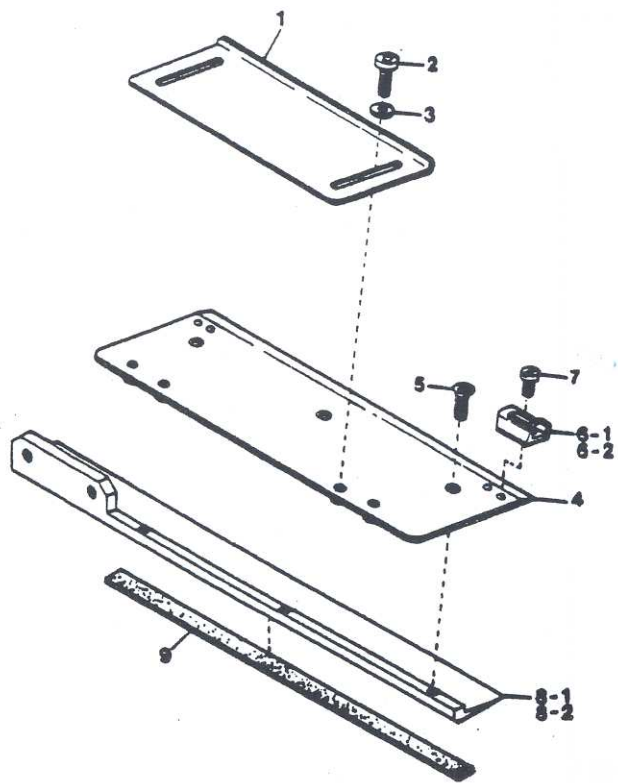


Series 48-G, J(3)

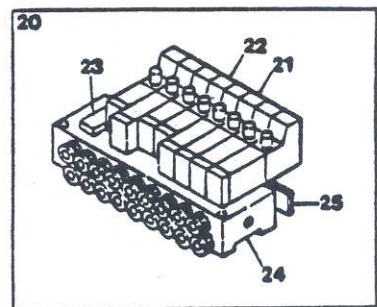
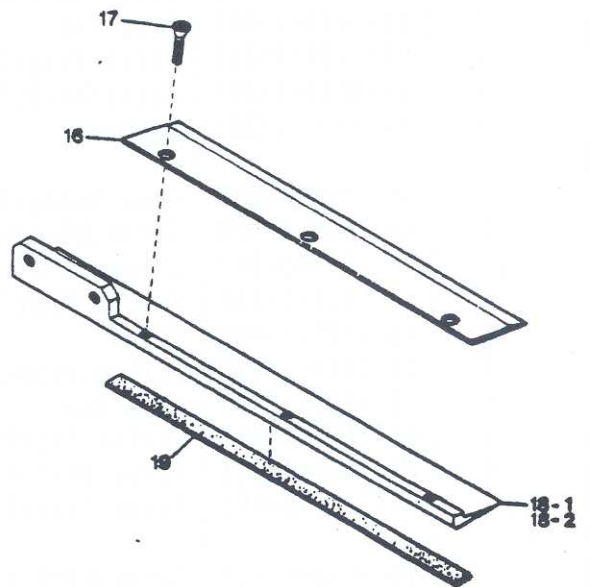


Det. No	Parts. No	Description
1	48-1125-5-798	Pipe Holder(Right)
2	46-1000-6-201	Screw(M6-1×50)
3	46-1000-9-980	Screw(M6-1×10)
4	46-1125-5-327	Fixing Pipe(3)
5	48-1125-5-293	Fixing Block
6	46-1000-3-662	Screw(M6-1×6)
7	48-1009-3-864	Pipe Cap
8	48-1125-5-310	Patch Tray(1)
9	48-1013-0-007	Screw(M4-0.7×10)
10	48-1125-5-301	Rubber
11	48-1125-5-800	Pipe Holder(Left)
12	46-1000-9-976	Screw(M6-1×15)
13	46-1000-9-977	Screw(M6-1×25)
14	48-1125-5-291	Fixing Pipe(1)
15	48-1125-5-802	Block
16	48-1125-5-292	Fixing Pipe(2)
17	48-1009-3-864	Pipe Cap
18	48-1125-5-293	Fixing Block
19	46-1000-3-662	Screw(M6-1×6)
20	48-1125-5-551	Patch Tray(2)
21	48-1013-0-007	Screw(M4-0.7×10)
22	48-1125-5-301	Rubber
23	46-1002-3-381	Cord Clamp(φ 10.6-6N)
24	46-1000-0-665	Washer
25	46-1000-0-644	Spring Washer
26	46-1000-9-747	Screw(M4-0.7×10)

Series 48-F, G(4)

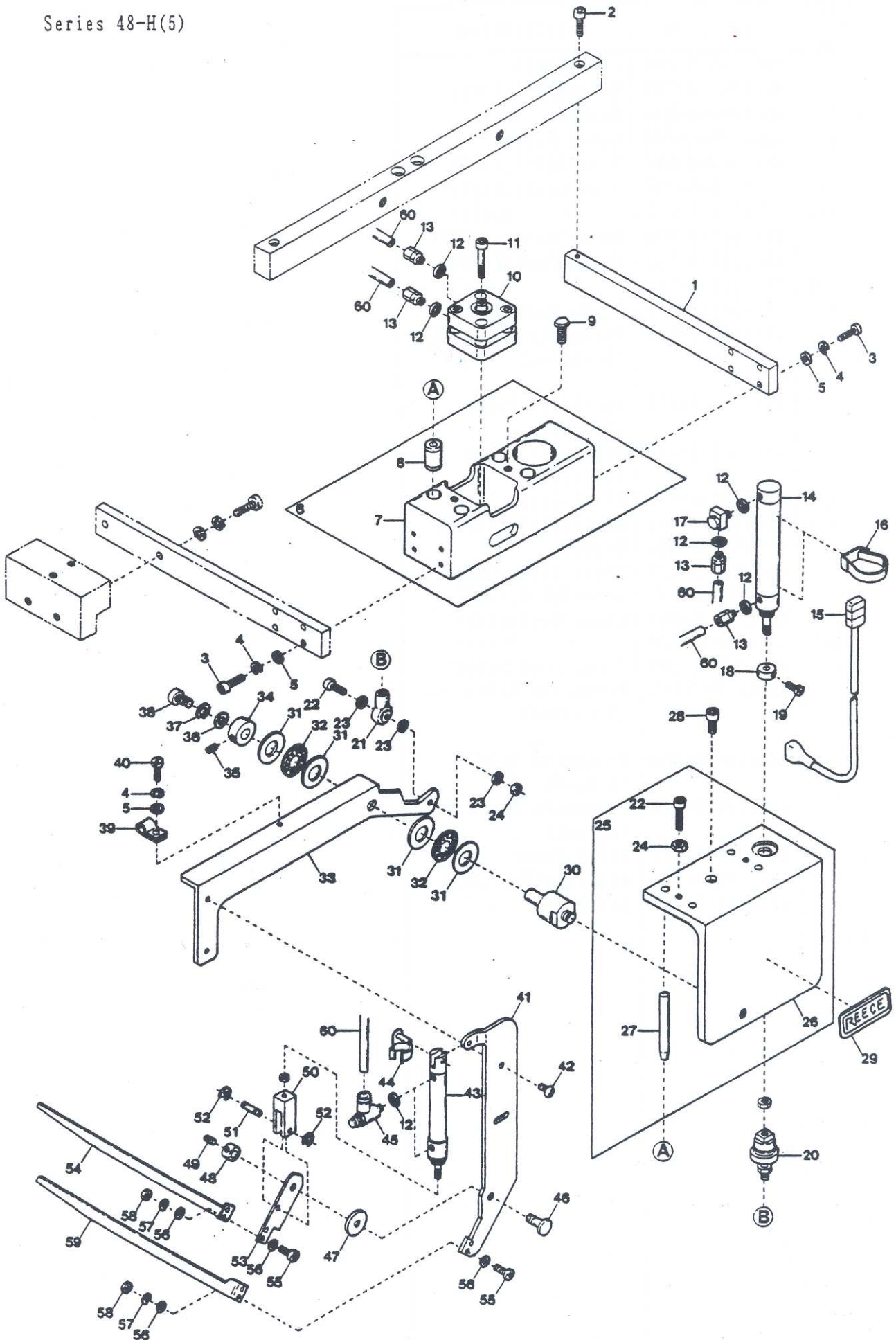


Series 48-H, J(4)



Det. No	Parts. No	Description
1	48-1125-5-746	Flap Gauge
2	46-1000-9-791	Screw(M3-0.5×6)
3	46-1000-0-014	Washer
4	48-1125-5-748	Cover Plate
5	46-1000-6-217	Screw(M3-0.5×5)
6-1	48-1125-5-296	Stop Guide(Right)
6-2	48-1125-5-297	" (Left)
7	48-1011-0-030	Screw(M3-0.5×2.6)
8-1	48-1125-5-743	Clamp Foot(Right)
8-2	48-1125-5-744	" (Left)
9	46-1001-4-589	Clamp Foot Rubber
10	48-1109-0-045	Pneumatic Valve, C. (9 Valves)
11	48-1109-0-035	Pneumatic Valve (5 Port)
12	48-1109-0-042	Pneumatic Valve (3 Port)
13	48-1109-0-037	Blind Cover
14	48-1109-0-040	Manifold(9 Valves)
15	48-1039-0-032	Sticker
16	48-1125-5-819	Brush Blade Guide
17	46-1000-6-217	Screw(M3-0.5×5)
18-1	48-1125-5-743	Clamp Foot(Right)
18-2	48-1125-5-744	" (Left)
19	46-1001-4-589	Clamp Foot Rubber
20	48-1109-0-043	Pneumatic Valve, C. (9 Valves)
21	48-1109-0-035	Pneumatic Valve (5 Port)
22	48-1109-0-042	Pneumatic Valve (3 Port)
23	48-1109-0-037	Blind Cover
24	48-1109-0-040	Manifold(9 Valves)
25	48-1039-0-032	Sticker

Series 48-H(5)



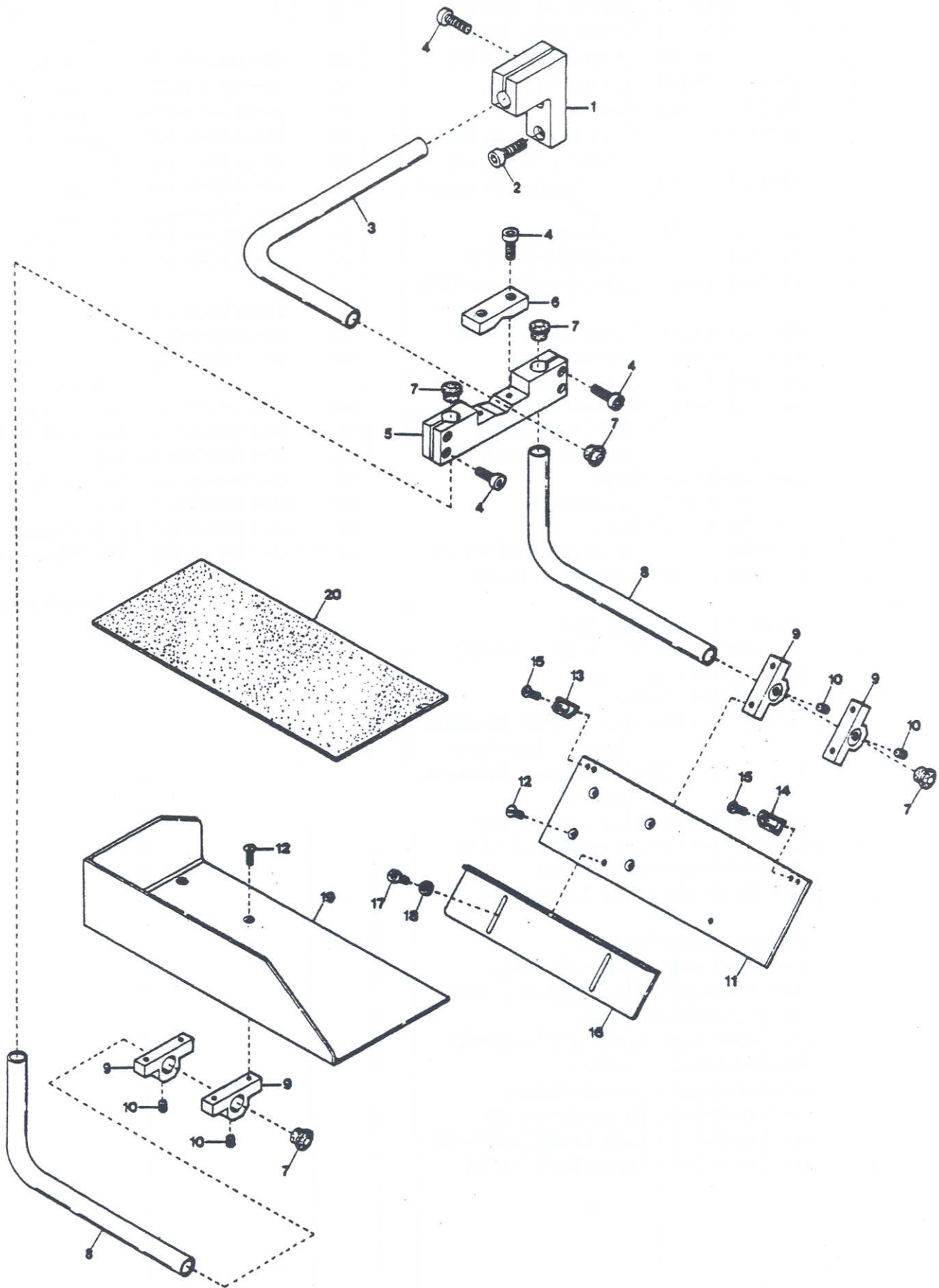


Det. No	Parts. No	Description
1	48-1125-5-357	Adjusting Plate(2)
2	46-1000-6-219	Screw(M4-0.7×30)
3	46-1000-9-749	Screw(M4-0.7×16)
4	46-1000-0-644	Spring Washer
5	46-1000-0-665	Washer
6	48-1125-5-384	Flap Loader Basement (Lower), Complete
7	48-1125-5-359	Flap Loader Basement (Lower)
8	46-1001-4-836	Slide Bearing
9	48-1019-0-006	Screw(M4-0.7×4)
10	48-1109-1-044	Cylinder (SPD-20×20)
11	46-1000-6-229	Screw(M5-0.8×40)
12	46-1000-0-623	Gasket
13	46-1001-0-258	Connector
14	48-1109-1-045	Cylinder (RMSS16ND×60)
15	48-1106-6-013	Sensing Switch
16	48-1109-8-006	Band
17	46-1001-0-019	L-Connector
18	48-1002-0-376	Collar
19	48-1000-1-202	Screw(9/64-40×6.6)
20	46-1001-4-840	Universal Joint
21	48-1410-0-149	Rod End
22	46-1000-9-935	Screw(M5-0.8×20)
23	46-1000-0-669	Washer
24	46-1000-0-009	Nut
25	48-1125-5-383	Flap Loader Basement (Upper), Complete
26	48-1125-5-358	Flap Loader Basement (Upper)
27	48-1125-5-360	Flap Loader Bar
28	46-1000-9-751	Screw(M5-0.8×10)
29	48-1039-0-039	Name Plate
30	48-1125-5-361	Flap Loader Pin
31	48-1003-2-848	Spacer
32	48-1003-2-849	Thrust Bearing
33	48-1125-5-362	Flap Loader Lever
34	48-1003-0-228	Collar
35	46-1000-7-650	Screw(11/64-40×5)
36	46-1000-0-663	Washer
37	46-1000-0-667	Spring Washer
38	46-1000-6-210	Screw(M6-1×12)
39	48-1006-3-612	Cord Clamp(φ 6.8-4N)
40	46-1000-9-747	Screw(M4-0.7×10)

Det. No	Parts. No	Description
41	48-1125-5-364	Flap Loader Arm (Lower)
42	46-1000-9-770	Screw(M4-0.7×8)
43	48-1001-0-327	Cylinder(MS-10-PD-30)
44	46-1125-5-174	Connecting Pin
45	48-1109-5-002	Speed Control
46	48-1125-5-365	Pin
47	48-1000-0-605	Spacer
48	48-1003-4-505	Collar
49	48-1000-1-459	Screw(9/64-40×3)
50	48-1125-5-368	Y-Knuckle
51	48-1125-5-556	Pin
52	48-1003-4-293	Retaining Ring
53	48-1125-5-363	Flap Loader Arm (Upper)
54	48-1125-5-366	Flap Clamp(2)
55	46-1000-9-744	Screw(M3-0.5×10)
56	46-1000-0-014	Washer
57	46-1000-0-002	Spring Washer
58	46-1000-0-012	Nut
59	48-1125-5-367	Flap Clamp(1)
60 *	46-1001-0-260	Air Tubing(4×2.5mm)

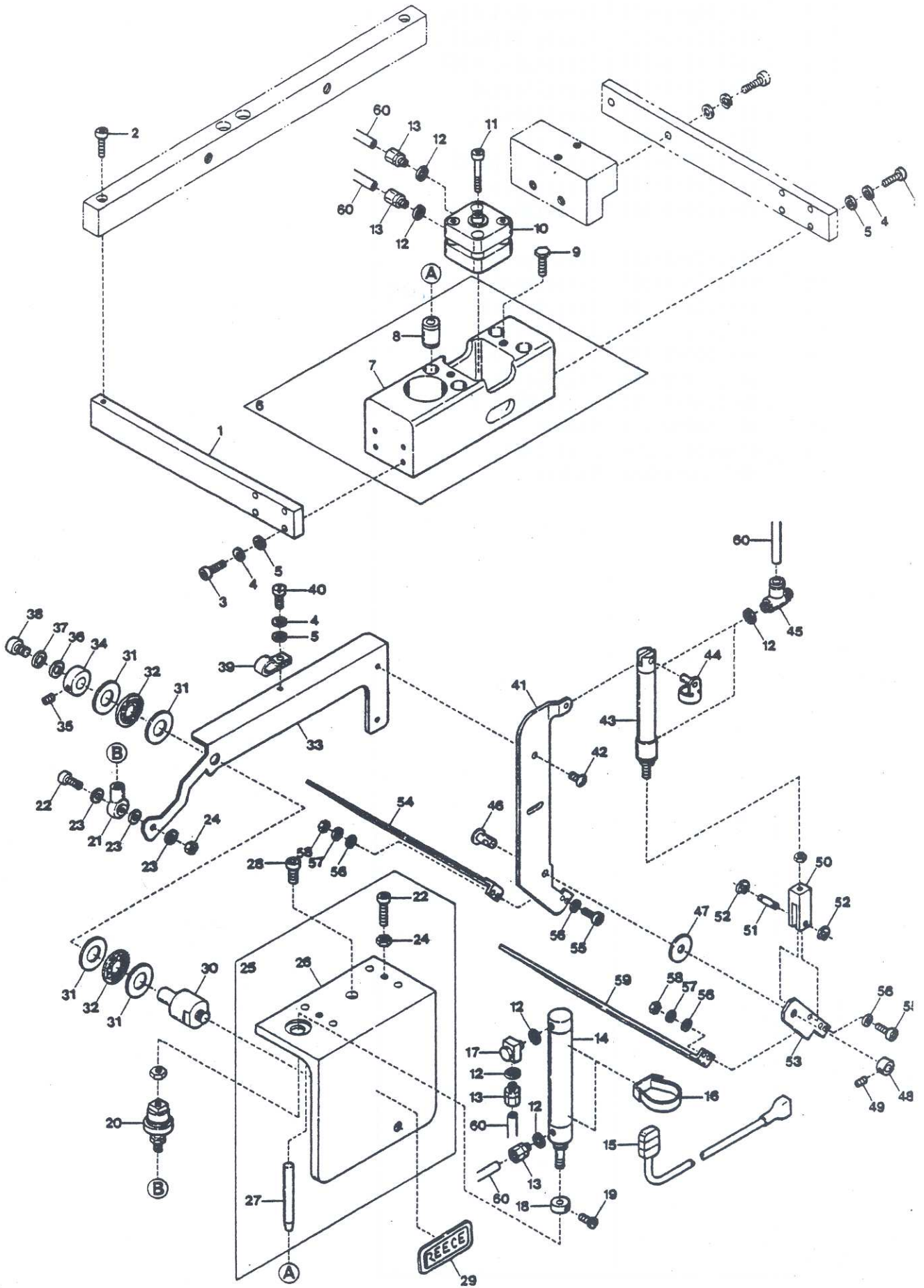
\* Specify Length.

Series 48-H(6)



Det. Na	Parts. Na	Description
1	48-1125-5-800	Pipe Holder(Left)
2	46-1000-9-976	Screw(M6-1×15)
3	48-1125-5-291	Fixing Pipe(1)
4	46-1000-9-977	Screw(M6-1×25)
5	48-1125-5-962	Block(Large)
6	48-1125-5-963	Block(Small)
7	48-1009-3-864	Pipe Cap
8	48-1125-5-292	Fixing Pipe(2)
9	48-1125-5-293	Fixing Block
10	46-1000-3-662	Screw(M6-1×6)
11	48-1125-5-909	Flap Space
12	48-1013-0-007	Screw(M4-0.7×10)
13	48-1125-5-296	Stop(Right)
14	48-1125-5-297	Stop(Left)
15	46-1000-9-995	Screw(M3-0.5×5)
16	48-1125-5-295	Flap Guide
17	46-1000-9-791	Screw(M3-0.5×6)
18	46-1000-0-014	Washer
19	48-1125-5-298	Flap Tray
20	48-1125-5-302	Rubber

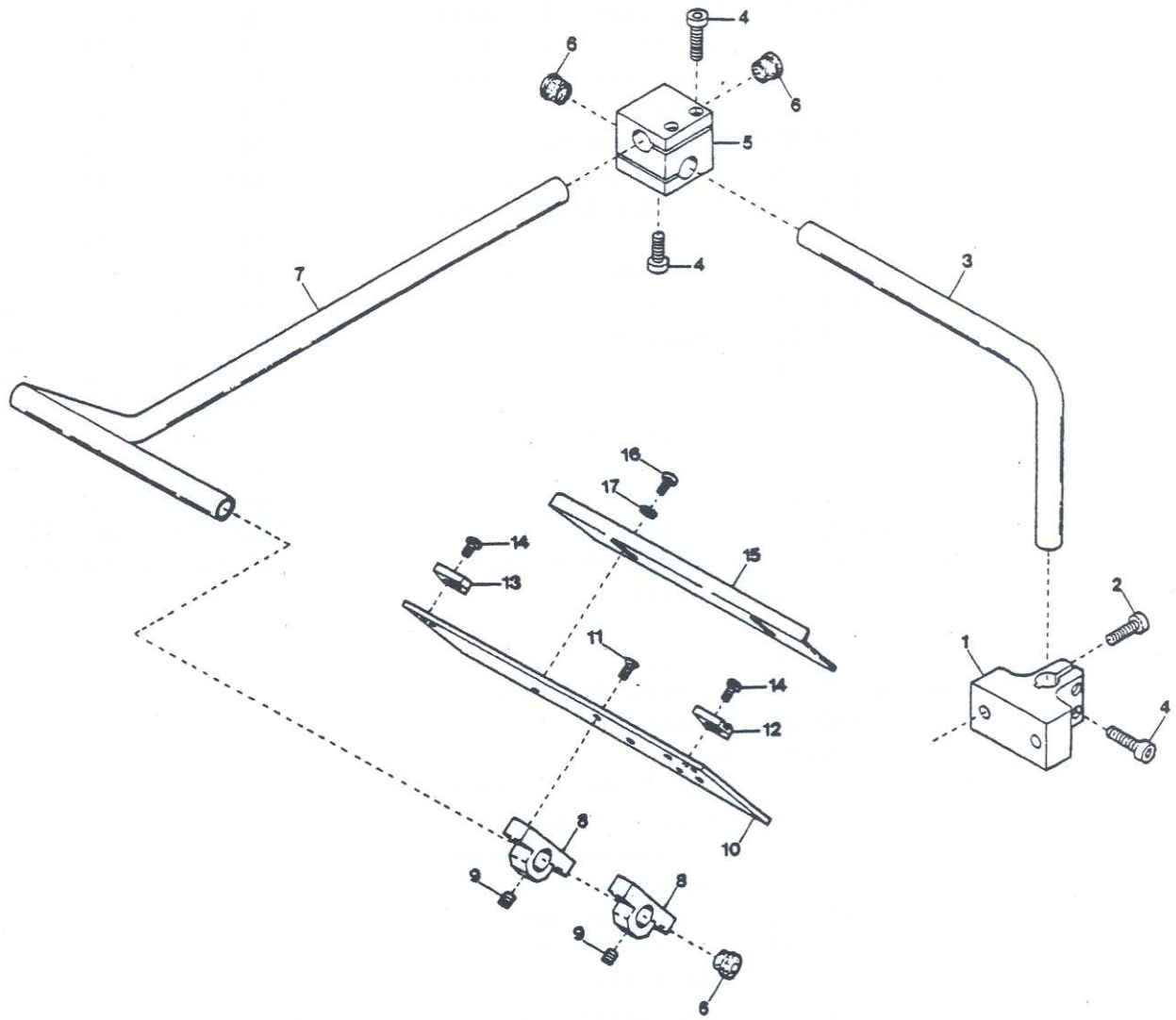
Series 48-J(5)



Det. No	Parts. No	Description
1	48-1125-5-357	Adjusting Plate(2)
2	46-1000-6-219	Screw(M4-0.7×30)
3	46-1000-9-749	Screw(M4-0.7×16)
4	46-1000-0-644	Spring Washer
5	46-1000-0-665	Washer
6	48-1125-5-384	Flap Loader Basement (Lower), Complete
7	48-1125-5-359	Flap Loader Basement (Lower)
8	46-1001-4-836	Slide Bearing
9	48-1019-0-006	Screw(M4-0.7×4)
10	48-1109-1-044	Cylinder (SPD-20×20)
11	46-1000-6-229	Screw(M5-0.8×40)
12	46-1000-0-623	Gasket
13	46-1001-0-258	Connector
14	48-1109-1-045	Cylinder (RMSS16ND×60)
15	48-1106-6-013	Sensing Switch
16	48-1109-8-006	Band
17	46-1001-0-019	L-Connector
18	48-1002-0-376	Collar
19	48-1000-1-202	Screw(9/64-40×6.6)
20	46-1001-4-840	Universal Joint
21	48-1410-0-149	Rod End
22	46-1000-9-935	Screw(M5-0.8×20)
23	46-1000-0-669	Washer
24	46-1000-0-009	Nut
25	48-1125-5-383	Flap Loader Basement (Upper), Complete
26	48-1125-5-550	Flap Loader Basement (Upper)
27	48-1125-5-360	Flap Loader Bar
28	46-1000-9-751	Screw(M5-0.8×10)
29	48-1039-0-039	Name Plate
30	48-1125-5-361	Flap Loader Pin
31	48-1003-2-848	Spacer
32	48-1003-2-849	Thrust Bearing
33	48-1125-5-549	Flap Loader Lever
34	48-1003-0-228	Collar
35	46-1000-7-650	Screw(11/64-40×5)
36	46-1000-0-663	Washer
37	46-1000-0-667	Spring Washer
38	46-1000-6-210	Screw(M6-1×12)
39	48-1006-3-612	Cord Clamp(φ 6.8-4N)
40	46-1000-9-747	Screw(M4-0.7×10)

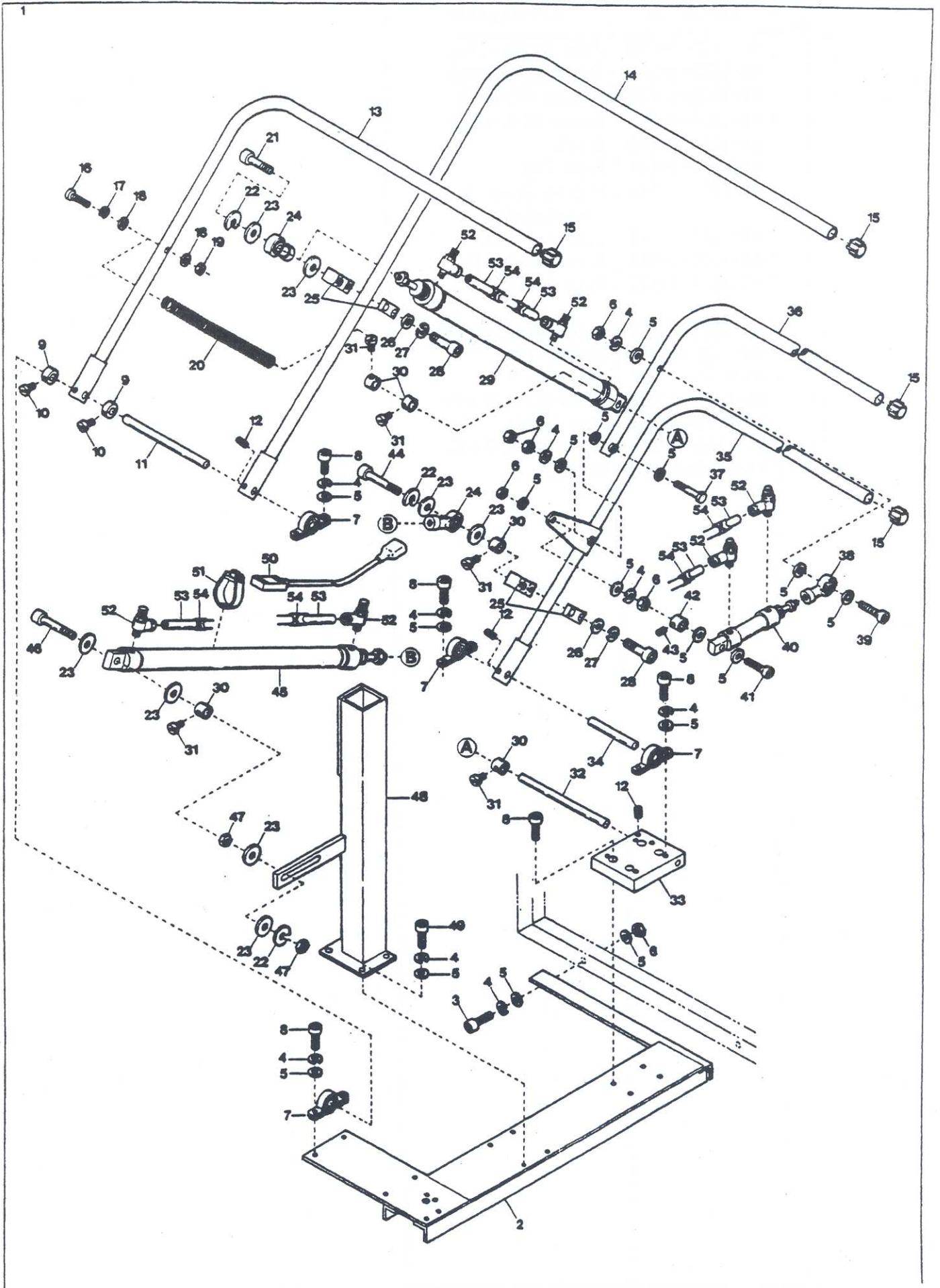
Det. No	Parts. No	Description
41	48-1125-5-364	Flap Loader Arm (Lower)
42	46-1000-9-770	Screw(M4-0.7×8)
43	48-1001-0-327	Cylinder(MS-10-PD-3)
44	46-1125-5-174	Connecting Pin
45	48-1109-5-002	Speed Control
46	48-1125-5-365	Pin
47	48-1000-0-605	Spacer
48	48-1003-4-505	Collar
49	48-1000-1-459	Screw(9/64-40×3)
50	48-1125-5-368	Y-Knuckle
51	48-1125-5-556	Pin
52	48-1003-4-293	Retaining Ring
53	48-1125-5-363	Flap Loader Arm (Upper)
54	48-1125-5-366	Flap Clamp(2)
55	46-1000-9-744	Screw(M3-0.5×10)
56	46-1000-0-014	Washer
57	46-1000-0-002	Spring Washer
58	46-1000-0-012	Nut
59	48-1125-5-367	Flap Clamp(1)
60 *	46-1001-0-260	Air Tubing(4×2.5mm)

\* Specify Length.



Det. No	Parts. No	Description
1	48-1125-5-798	Pipe Holder(Right)
2	46-1000-6-201	Screw(M6-1×50)
3	48-1125-5-291	Fixing Pipe(1)
4	46-1000-9-970	Screw(M6-1×20)
5	48-1125-5-802	Block
6	48-1009-3-864	Pipe Cap
7	48-1125-5-548	Fixing Pipe(3) (Patch=Left)
8	48-1125-5-293	Fixing Block
9	46-1000-3-662	Screw(M6-1×6)
10	48-1125-5-909	Flap Space
11	48-1013-0-007	Screw(M4-0.7×10)
12	48-1125-5-296	Stop(Right)
13	48-1125-5-297	Stop(Left)
14	46-1000-9-995	Screw(M3-0.5×5)
15	48-1125-5-295	Flap Guide
16	46-1000-9-791	Screw(M3-0.5×6)
17	46-1000-0-014	Washer

COAT STACKER(1)





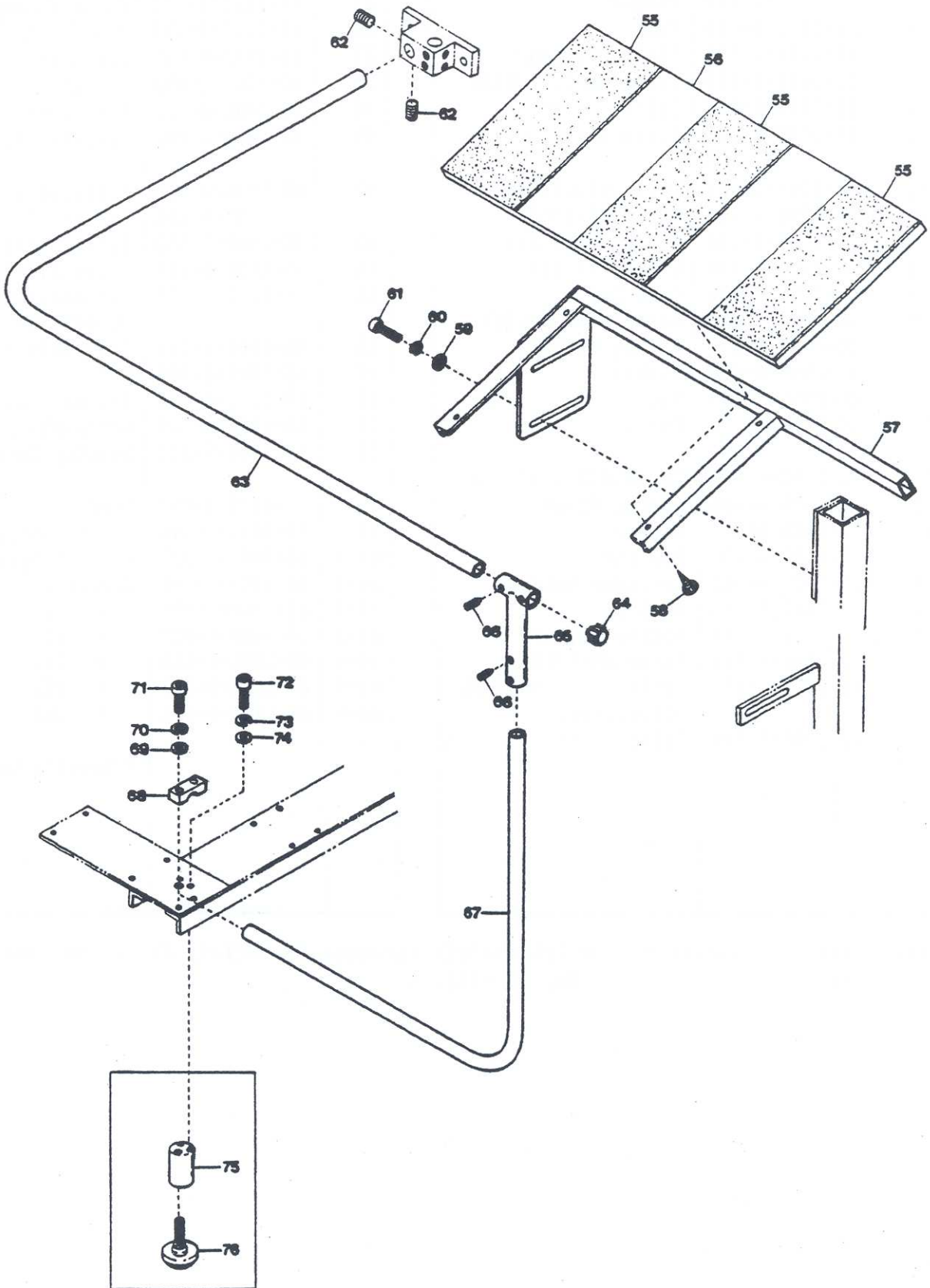
Det. No	Parts. No	Description
1	48-1125-5-701	Stacker, Complete
2	48-1125-5-541	Stacker Base
3	46-1000-9-759	Screw(M8-1.25×55)
4	46-1000-0-676	Spring Washer
5	46-1000-0-666	Washer
6	46-1000-0-145	Nut
7	46-1001-4-758	Shaft Bearing
8	46-1000-9-936	Screw(M8-1.25×20)
9	46-1001-4-356	Collar
10	46-1000-6-212	Screw(M5-0.8×6)
11	46-1001-4-871	Shaft(12×190mm)
12	46-1000-3-662	Screw(M6-1×6)
13	48-1125-5-536	Cloth Press Bar
14	46-1001-4-946	Cloth Carrier
15	46-1001-4-580	Pipe Cap
16	46-1000-9-806	Screw(M5-0.8×25)
17	46-1000-0-600	Spring Washer
18	46-1000-0-669	Washer
19	46-1000-0-009	Nut
20	46-1001-4-108	Spring
21	46-1000-9-760	Screw(M10-1.5×35)
22	46-1000-0-439	Spring Washer
23	46-1000-0-432	Washer
24	46-1001-4-401	Rod End
25	46-1001-4-942	Cylinder Holder
26	46-1000-0-663	Washer
27	46-1000-0-667	Spring Washer
28	46-1000-9-754	Screw(M6-1×35)
29	46-1109-1-077	Cylinder(REMD-SD-32 ×250T1102)
30	46-1003-2-719	Collar

Det. No	Parts. No	Description
31	46-1000-4-351	Screw(9/64-40×7)
32	48-1125-5-537	Shaft(10×195mm)
33	48-1125-5-538	Shaft Holder
34	46-1001-4-884	Shaft(12×100mm)
35	48-1125-5-532	Cloth Clamp
36	48-1125-5-534	Sub-Cloth Clamp
37	48-1012-0-032	Screw(M8-1.25×80)
38	46-1001-4-402	Rod End
39	46-1000-6-220	Screw(M8-1.25×40)
40	48-1109-1-047	Cylinder(REMD 20×50)
41	46-1000-9-978	Screw(M8-1.25×50)
42	46-1007-7-296	Collar
43	46-1000-7-650	Screw(11/64-40×5)
44	46-1000-6-208	Screw(M10-1.5×40)
45	46-1109-1-078	Cylinder(REMD-SD-32 ×100T1102)
46	46-1000-9-761	Screw(M10-1.5×55)
47	46-1000-0-260	Nut
48	48-1125-5-543	Stacker Support
49	46-1000-9-758	Screw(M8-1.25×30)
50	48-1106-6-013	Sensing Switch
51	46-1109-8-007	Band
52	46-1001-0-254	Speed Control
53 *	46-1001-0-260	Air Tubing(4×2.5mm)
54-1	46-1001-1-095	Marked(1)
54-2	46-1001-1-096	" (2)
54-3	46-1001-1-097	" (3)
54-4	46-1001-1-098	" (4)
54-5	48-1039-0-033	" (5)
54-6	48-1039-0-034	" (6)

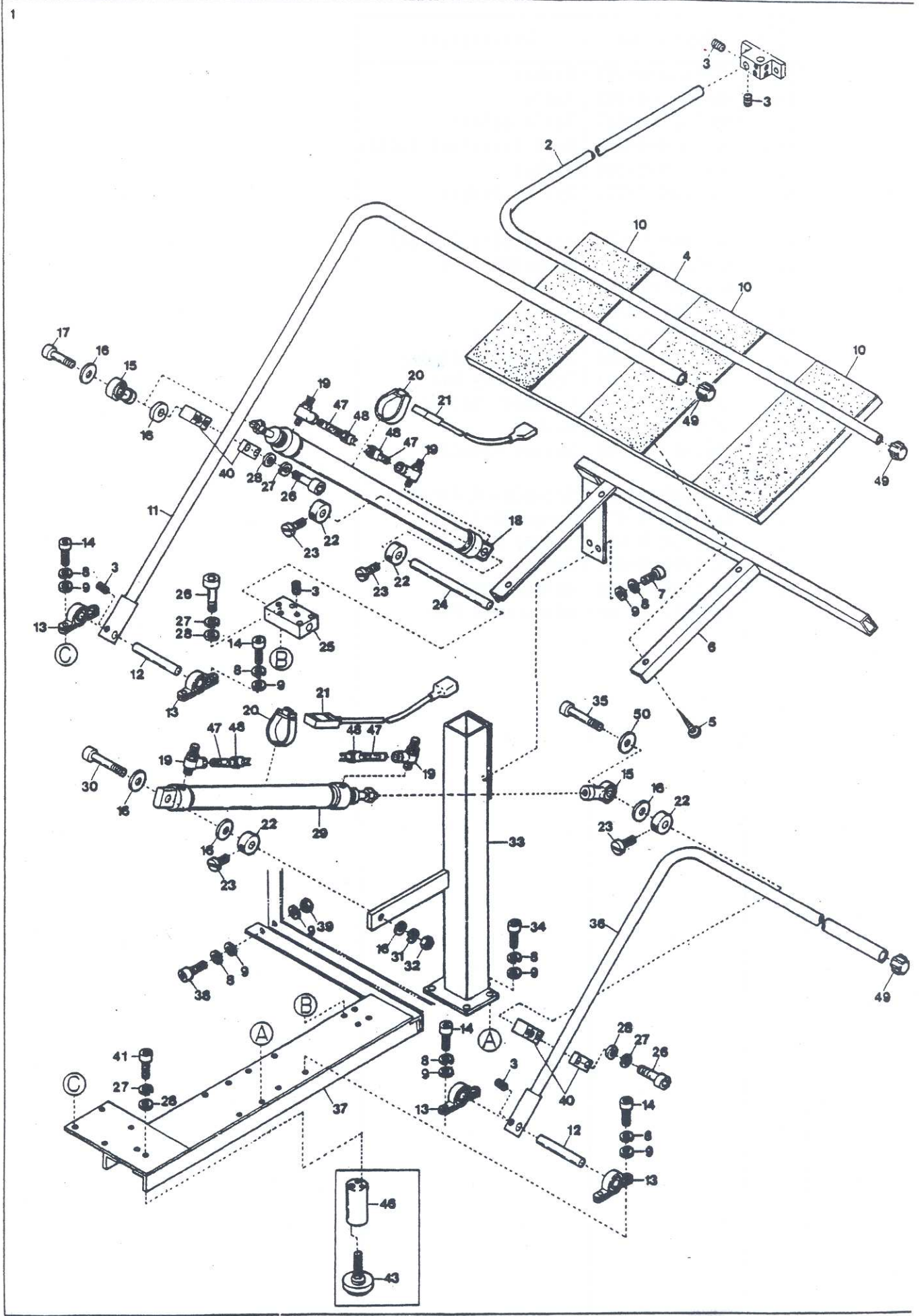
\* Specify Length.

Note : Ref. No. 1(Part No. 48-1125-5-701) includes Parts(Ref. No. 2~54) and Parts on the next page(Ref. No. 55~76).

COAT STACKER (2)



Det. No	Parts. No	Description
55	46-1125-5-703	Rubber
56	46-1001-4-885	Table
57	48-1125-5-542	Table Holder
58	46-1000-6-905	Wood Screw( $\phi 5.1 \times 20$ )
59	46-1000-0-666	Washer
60	46-1000-0-676	Spring Washer
61	46-1000-9-936	Screw(M8-1.25 $\times$ 20)
62	46-1000-3-662	Screw(M6-1 $\times$ 6)
63	46-1001-4-887	Guard
64	46-1001-4-580	Pipe Cap
65	48-1125-5-539	Guard Stay
66	46-1000-3-659	Screw(M5-0.8 $\times$ 5)
67	48-1125-5-540	Guard Stay Bar
68	46-1001-4-942	Cylinder Holder
69	46-1000-0-669	Washer
70	46-1000-0-600	Spring Washer
71	46-1000-6-229	Screw(M5-0.8 $\times$ 40)
72	46-1000-9-970	Screw(M6-1 $\times$ 20)
73	46-1000-0-667	Spring Washer
74	46-1000-0-663	Washer
75	46-1001-4-809	Holder(50mm)
76	46-1001-4-724	Adjustable Foot



Det. No	Parts. No	Description
1	48-1125-5-985	Stacker, Complete
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( $\phi$ 5.1×20)
6	46-1001-4-889	Table Holder
7	46-1000-9-936	Screw(M8-1.25×20)
8	46-1000-0-676	Spring Washer
9	46-1000-0-666	Washer
10	46-1125-5-703	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	46-1109-1-077	Cylinder (REMD-SD-32×250)
19	46-1001-0-254	Speed Control
20	46-1109-8-007	Band
21	48-1106-6-013	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	46-1000-9-753	Screw(M6-1×30)
27	46-1000-0-667	Spring Washer
28	46-1000-0-663	Washer
29	46-1109-1-078	Cylinder (REMD-SD-32×100)
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	Cloth Arm
37	46-1001-4-890	Stacker Base
38	46-1000-9-759	Screw(M8-1.25×55)
39	46-1000-0-016	Nut
40	46-1001-4-942	Cylinder Holder

Det. No	Parts. No	Description
41	46-1000-9-970	Screw(M6-1×20)
42	.....	.....
43	46-1001-4-724	Adjusting Foot
44	.....	.....
45	.....	.....
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)
49	46-1001-4-580	Pipe Cap
50	46-1000-0-425	Washer

\* Specify Length.

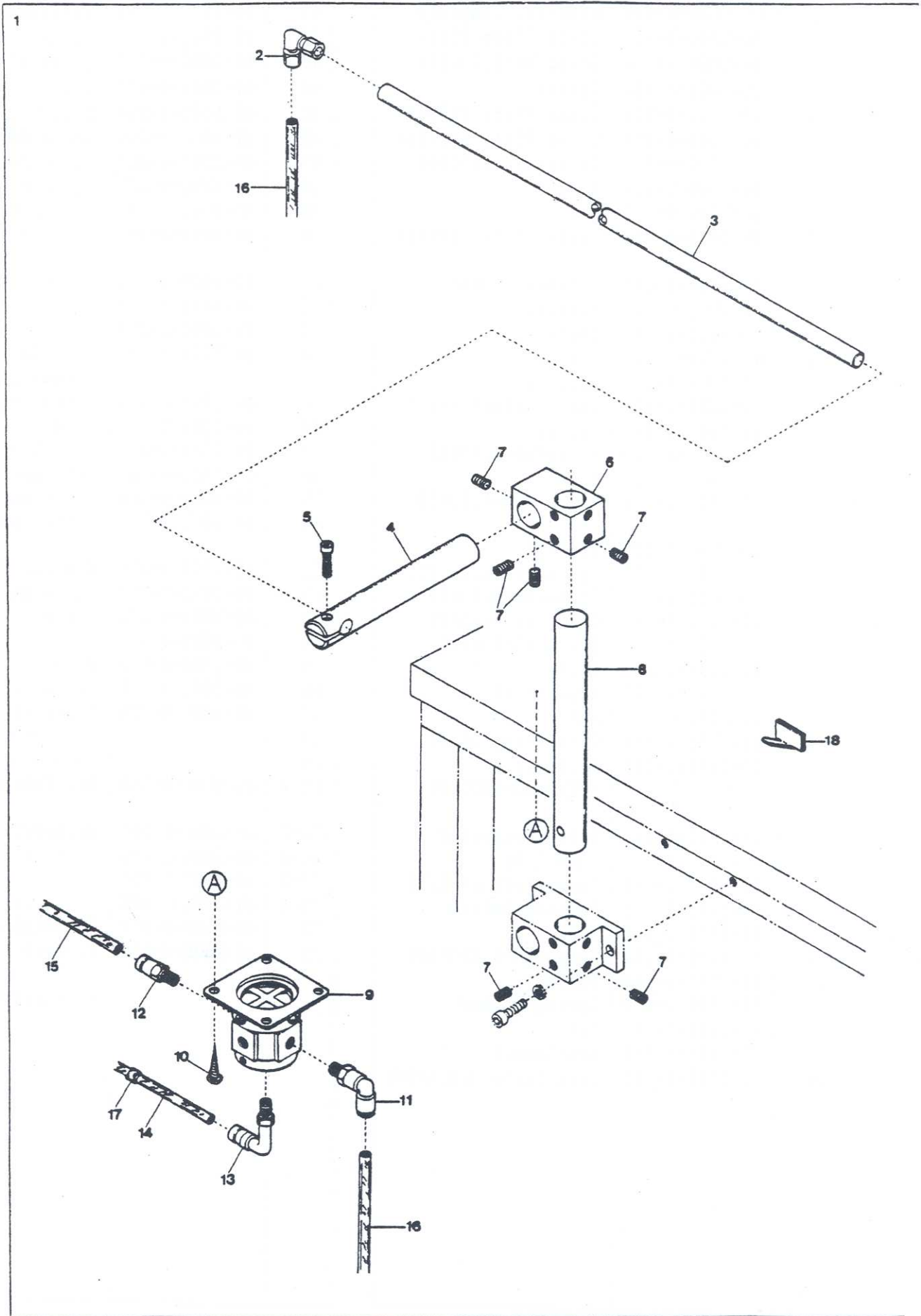


Det. No	Parts. No	Description
1	48-1125-5-898	Remover, Complete
2	46-1001-4-858	Cloth Clamp Plate
3	46-1000-9-776	Screw(M4-0.7×10)
4	46-1001-4-928	Rubber
5	46-1001-4-929	Clamp Plate Rubber
6	46-1001-4-856	Clamp Plate Bracket
7	46-1000-9-800	Screw(M3-0.5×30)
8	46-1000-0-014	Washer
9	46-1000-0-012	Nut
10	46-1001-4-874	Shaft Holder(Front)
11	46-1000-3-662	Screw(M6-1×6)
12	46-1001-4-867	Bushing
13	46-1001-4-863	Shaft
14	46-1000-0-037	Pin
15	46-1001-4-866	Bushing
16	46-1001-4-865	Shaft Holder(Rear)
17	46-1001-4-869	Collar
18	46-1016-0-001	Screw(M4-0.7×4)
19	46-1000-0-011	Nut
20	46-1000-6-199	Screw(M10-1.5×20)
21	46-1000-0-432	Washer
22	46-1001-4-870	Cylinder Guide Plate
23	46-1000-9-775	Screw(M3-0.5×10)
24	46-1001-4-864	Cylinder Support
25	46-1000-9-754	Screw(M6-1×35)
26	46-1000-0-663	Washer
27	46-1001-4-876	Arm(Upper)
28	46-1000-0-054	Nut
29	46-1001-4-868	Connecting Shaft
30	46-1001-0-296	Cylinder (REMD-SD-20×70)
31	46-1001-0-057	Elbow Connector (φ 4-1/8)
32	46-1001-0-055	Connector(φ 4-1/8)
33	48-1106-6-013	Sensing Switch
34	46-1001-0-301	Band
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	46-1003-6-133	Cord Clamp(φ 8.4-5N)

Det. No	Parts. No	Description
41	46-1000-9-746	Screw(M4-0.7×8)
42	46-1001-4-356	Collar
43	46-1000-6-212	Screw(M5-0.8×6)
44	46-1001-4-871	Shaft
45	46-1001-4-654	Bushing
46	46-1000-3-655	Screw(M4-0.7×10)
47	46-1001-4-861	Shaft Bearing
48	46-1000-9-970	Screw(M6-1×20)
49	46-1000-0-667	Spring Washer
50	46-1001-4-401	Rod End
51	46-1000-9-761	Screw(M10-1.5×55)
52	46-1003-2-719	Collar
53	46-1000-0-260	Nut
54	46-1109-1-079	Cylinder (REMD-SD-32×150)
55	46-1001-0-254	Speed Control
56	46-1109-8-007	Band
57	46-1001-4-872	Cylinder Pin
58	46-1001-4-850	Cylinder Holder
59	46-1000-9-976	Screw(M6-1×15)
60	46-1001-4-873	Table Support
61	46-1001-4-878	Remover Basement
62	46-1000-9-759	Screw(M8-1.25×55)
63	46-1001-4-875	Table
64	46-1001-4-914	Knob
65	46-1000-0-665	Washer
66	46-1001-4-809	Holder(50mm)
67	46-1001-4-724	Adjustable Foot
68	.....	.....
69	.....	.....
70 *	46-1001-0-260	Air Tubing(4×2.5mm)
71-1	46-1001-1-095	Marked(1)
71-2	46-1001-1-096	" (2)
71-3	46-1001-1-097	" (3)
71-4	46-1001-1-098	" (4)
72	46-1000-9-977	Screw(M6-1×25)
73	46-1000-4-351	Screw(9/64-40×7)

\* Specify Length.

TROUSER AIR EJECTOR



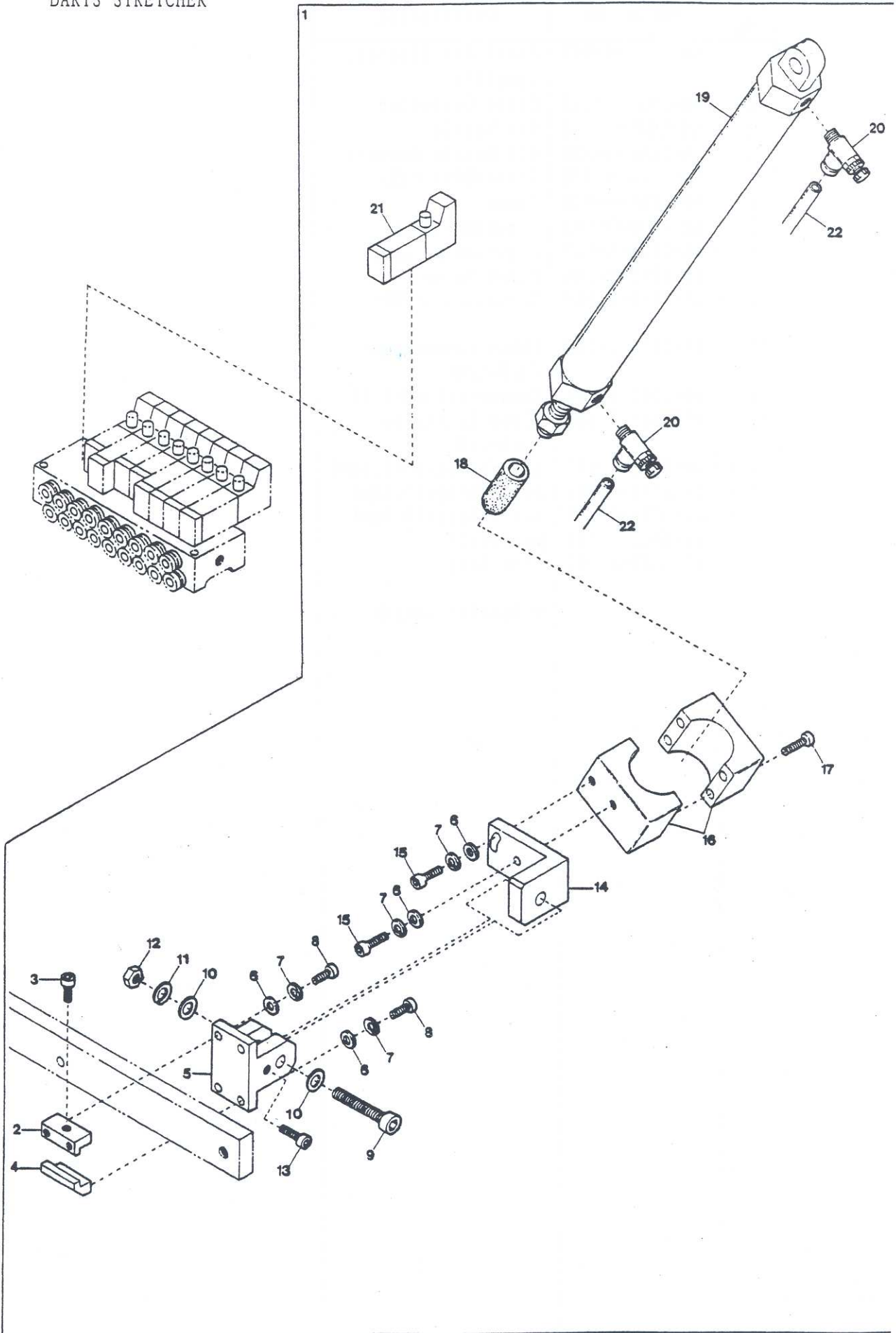


## TROUSER AIR EJECTOR

39

Det. No	Parts. No	Description
1	46-1001-4-947	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	46-1001-0-269	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	Marked(1)
18	46-1003-5-767	Cord Stay
		* Specify Length.

DARTS STRETCHER

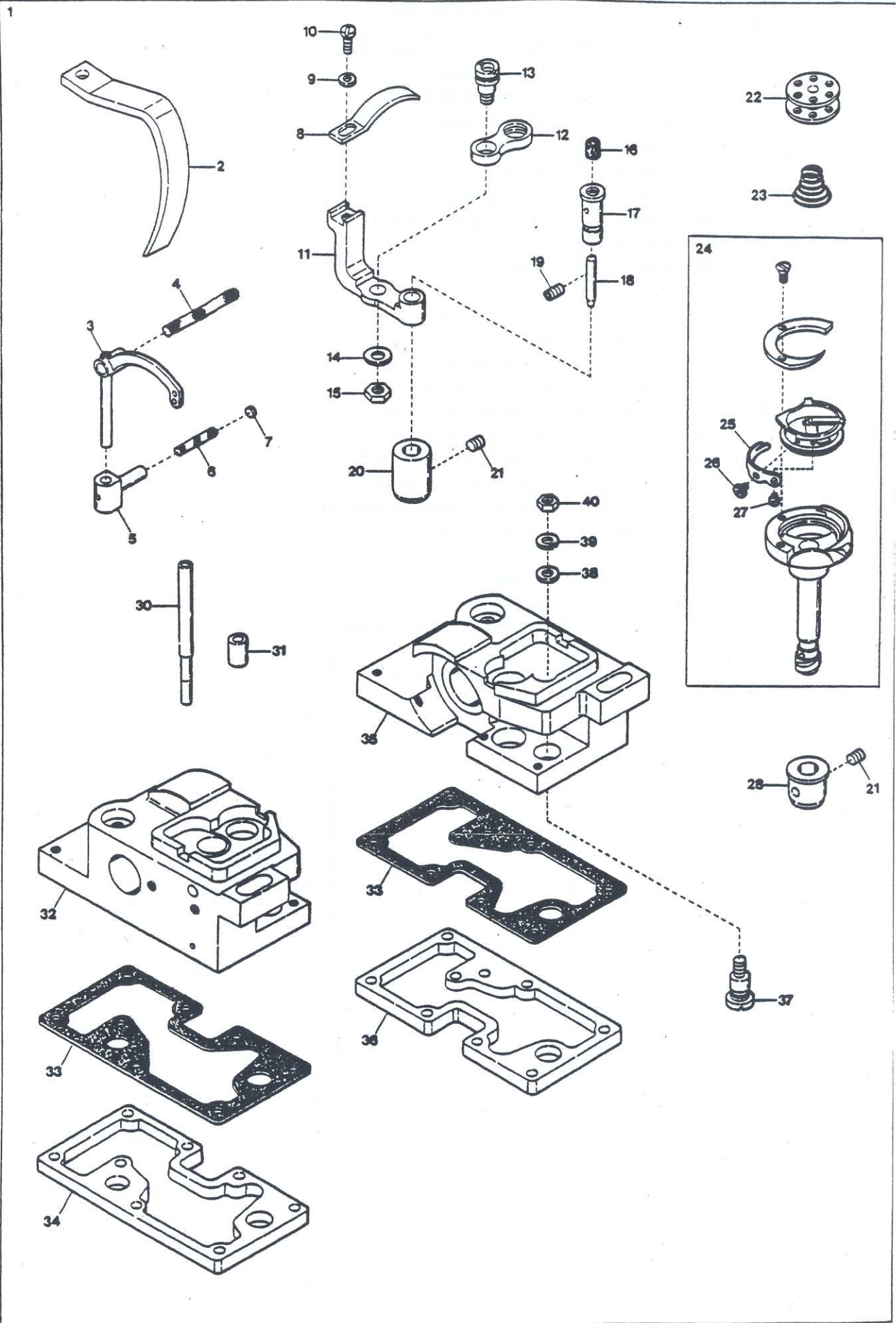


## DARTS STRETCHER

40

Det. No	Parts. No	Description
1	48-1125-5-884	Darts Stretcher, C.
2	46-1001-4-531	Block(Upper)
3	46-1000-9-752	Screw(M5-0.8×15)
4	46-1001-4-532	Block(Lower)
5	48-1125-5-882	Fixing Block
6	46-1000-0-665	Washer
7	46-1000-0-644	Spring Washer
8	46-1000-9-748	Screw(M4-0.7×12)
9	46-1000-9-754	Screw(M6-1×35)
10	46-1000-0-663	Washer
11	46-1000-0-667	Spring Washer
12	46-1000-0-011	Nut
13	46-1000-9-747	Screw(M4-0.7×10)
14	48-1125-5-881	Rocker Bracket
15	48-1012-0-024	Screw(M4-0.7×14)
16	48-1125-5-880	Cylinder Holder
17	46-1000-9-749	Screw(M4-0.7×16)
18	48-1125-5-883	Fabric Press Rubber
19	48-1109-1-083	Cylinder(M20-PD-240)
20	46-1001-0-254	Speed Control
21	48-1109-0-035	Pneumatic Valve (5 Port)
22 *	46-1001-0-260	Air Tubing(4×2.5mm)
		* Specify Length.

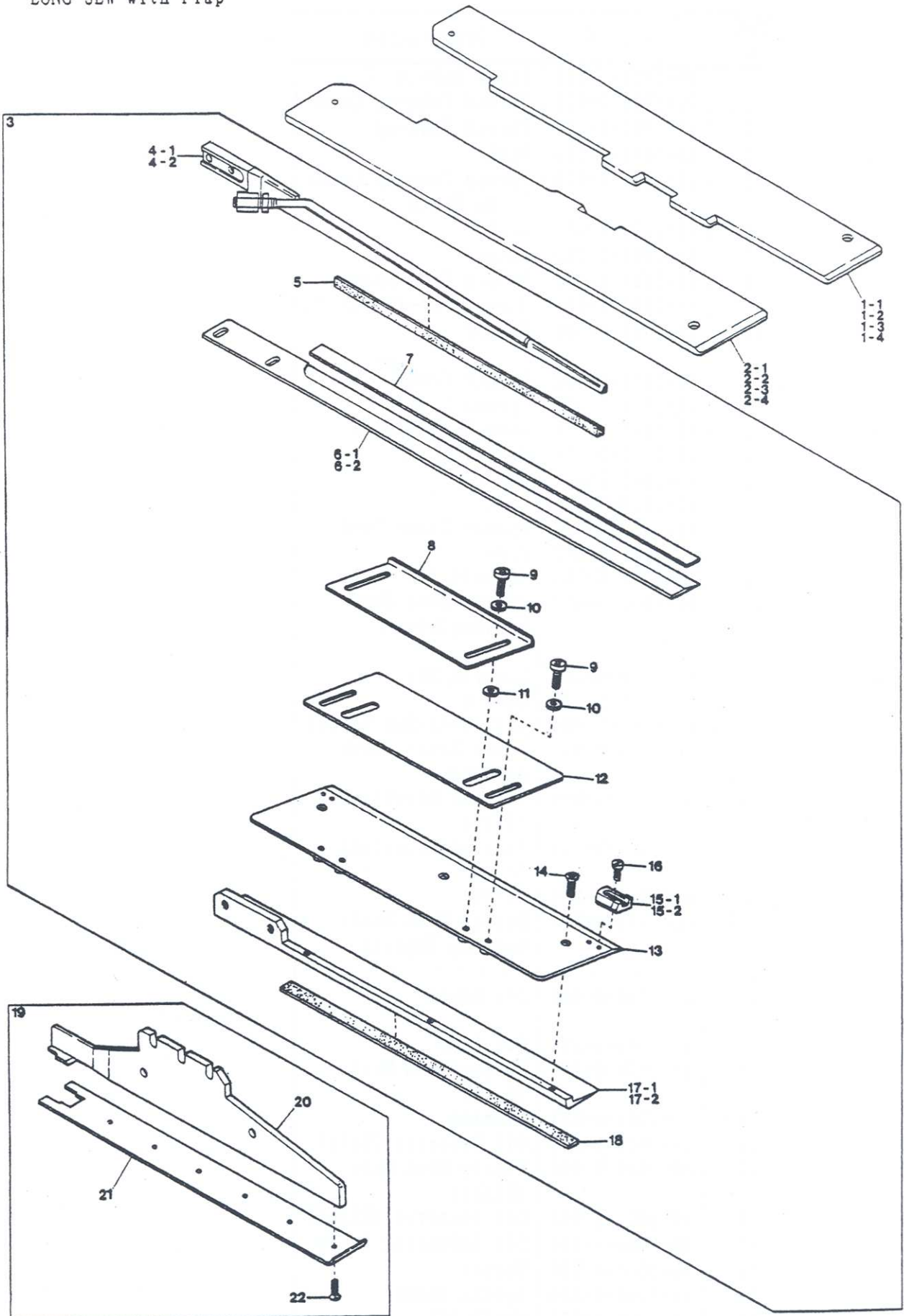
LARGE BOBBIN



LARGE BOBBIN ASSOCIATE PARTS

Det. Na	Parts. Na	Description
1	48-1125-5-986	Large Bobbin, C.
2	48-1900-0-031	Thread Take-up Cover
3	48-1900-0-037	Thread Take-up
4	48-1000-8-269	Wick
5	48-1900-0-038	Thread Take-up Lever Slide Block
6	48-1000-8-272	Wick
7	46-1001-5-030	Pusher
8	48-1900-0-064	Bobbin Case Opener
9	46-1000-8-207	Screw(3.57-40×8)
10	48-1093-0-001	Washer
11	48-1900-0-062	Opener Crank
12	48-1900-0-061	Opener Link
13	46-1001-5-071	Link Stud Opener
14	46-1000-8-258	Washer(4.76)
15	48-1093-0-000	Nut
16	46-1000-8-280	Felt
17	48-1900-0-063	Opener Crank Stud
18	46-1001-5-073	Pipe
19	46-1000-8-241	Screw(4.76)
20	48-1900-0-057	Rotary Hook Shaft Bushing(Lower)
21	46-1000-8-240	Screw(4.76)
22	48-1125-5-580	Bobbin
23	48-1900-0-094	Anti-Over-Run Spring
24	48-1125-5-987	Outer Rotary Hook Assembly
25	48-1900-0-060	Tension Adjusting Spring
26	46-1000-8-209	Tension Adjusting Screw
27	46-1000-8-210	Screw
28	48-1900-0-058	Rotary Hook Shaft Bushing (Upper)
29	.....	.....
30	48-1900-0-088	Oil Gauge
31	46-1001-5-086	Oil Pipe
32	48-1900-0-056	Rotary Hook Base (Left)
33	48-1901-5-083	Packing
34	46-1001-5-084	Oil Reservoir(Left)
35	48-1900-0-066	Rotary Hook Base (Right)
36	46-1001-5-088	Oil Reservoir(Right)
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)

LONG SEW with Flap

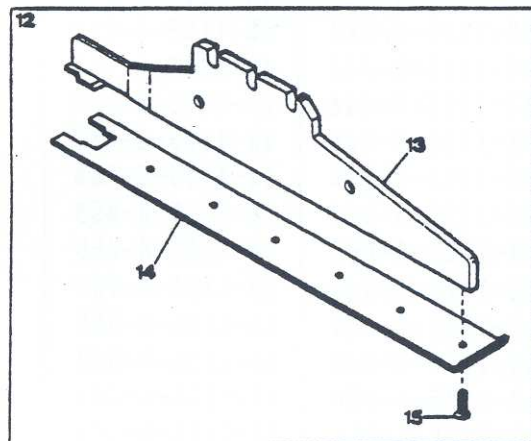
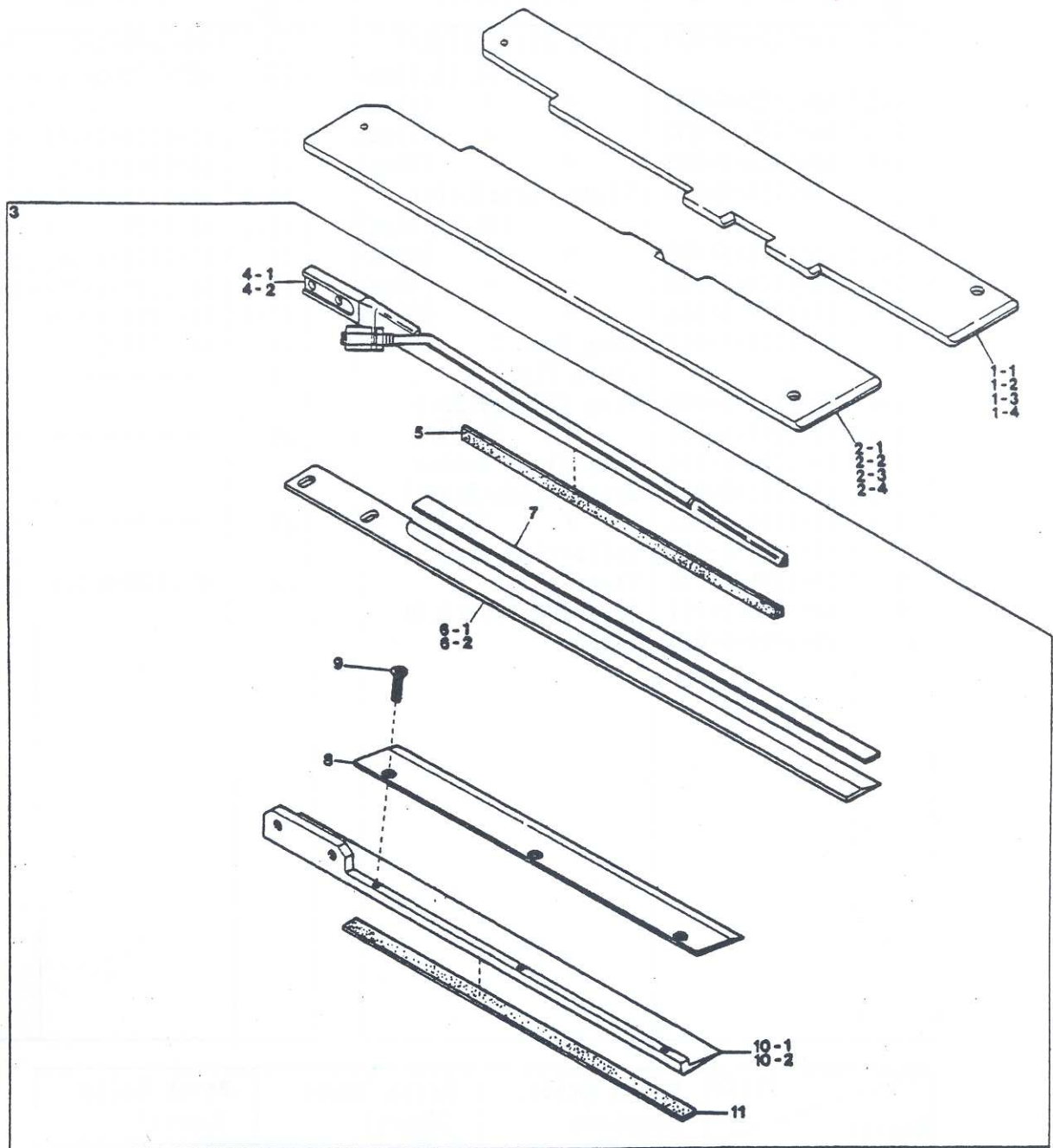


Det. No	Parts. No	Description
1-1	48-1125-6-029	Slide Plate(Right) (10, 12, 14mm)
1-2	48-1125-6-031	" " (16mm)
1-3	48-1125-6-033	" " (18mm)
1-4	48-1125-6-035	" " (20mm)
2-1	48-1125-6-030	Slide Plate(Left) (10, 12, 14mm)
2-2	48-1125-6-032	" " (16mm)
2-3	48-1125-6-034	" " (18mm)
2-4	48-1125-6-036	" " (20mm)
3	48-1125-6-012	Long Sew, C. (with Flap)
4-1	48-1125-6-000	Flap Clamp(Right)
4-2	48-1125-6-001	" (Left)
5	48-1125-6-002	Flap Clamp Rubber
6-1	48-1125-6-004	Brush Blade(Right)
6-2	48-1125-6-005	" (Left)
7	48-1125-6-003	Reflective Sheet
8	48-1125-5-746	Flap Guide
9	46-1000-9-791	Screw(M3-0.5×2.6)
10	46-1000-0-014	Washer

Det. No	Parts. No	Description
11	46-1000-0-553	Washer
12	48-1125-5-747	Flap Positioning Plate
13	48-1125-6-008	Cover Plate
14	46-1000-6-217	Screw(M3-0.5×5)
15-1	48-1125-5-296	Stop(Right)
15-2	48-1125-5-297	" (Left)
16	48-1011-0-030	Screw(M3-0.5×2.6)
17-1	48-1125-6-009	Clamp Foot(Right)
17-2	48-1125-6-010	" (Left)
18	48-1125-6-011	Clamp Foot Rubber
19	-----	Patch Guide, C. (See Table)
20	-----	Patch Guide(Upper) (See Table)
21	-----	Patch Guide(Lower) (See Table)
22	46-1000-9-734	Screw(M2-0.4×6)

Models	Parts No.	Patch Guide, Complete	Patch Guide (Upper)	Patch Guide (Lower)
S48-A10-185S		48-1125-6-067	48-1125-6-041	48-1125-6-053
-185D		48-1125-6-068	48-1125-6-042	48-1125-6-054
12-220S		48-1125-6-069	48-1125-6-043	48-1125-6-055
-220D		48-1125-6-070	48-1125-6-044	48-1125-6-056
14-270S		48-1125-6-071	48-1125-6-045	48-1125-6-057
-270D		48-1125-6-072	48-1125-6-046	48-1125-6-058
16-300S		48-1125-6-073	48-1125-6-047	48-1125-6-059
-300D		48-1125-6-074	48-1125-6-048	48-1125-6-060
-310S		48-1125-6-075	48-1125-6-047	48-1125-6-061
-310D		48-1125-6-076	48-1125-6-048	48-1125-6-062
18-350S		48-1125-6-077	48-1125-6-049	48-1125-6-063
-350D		48-1125-6-078	48-1125-6-050	48-1125-6-064
20-390S		48-1125-6-079	48-1125-6-051	48-1125-6-065
-390D		48-1125-6-080	48-1125-6-052	48-1125-6-066

LONG SEW without Flap

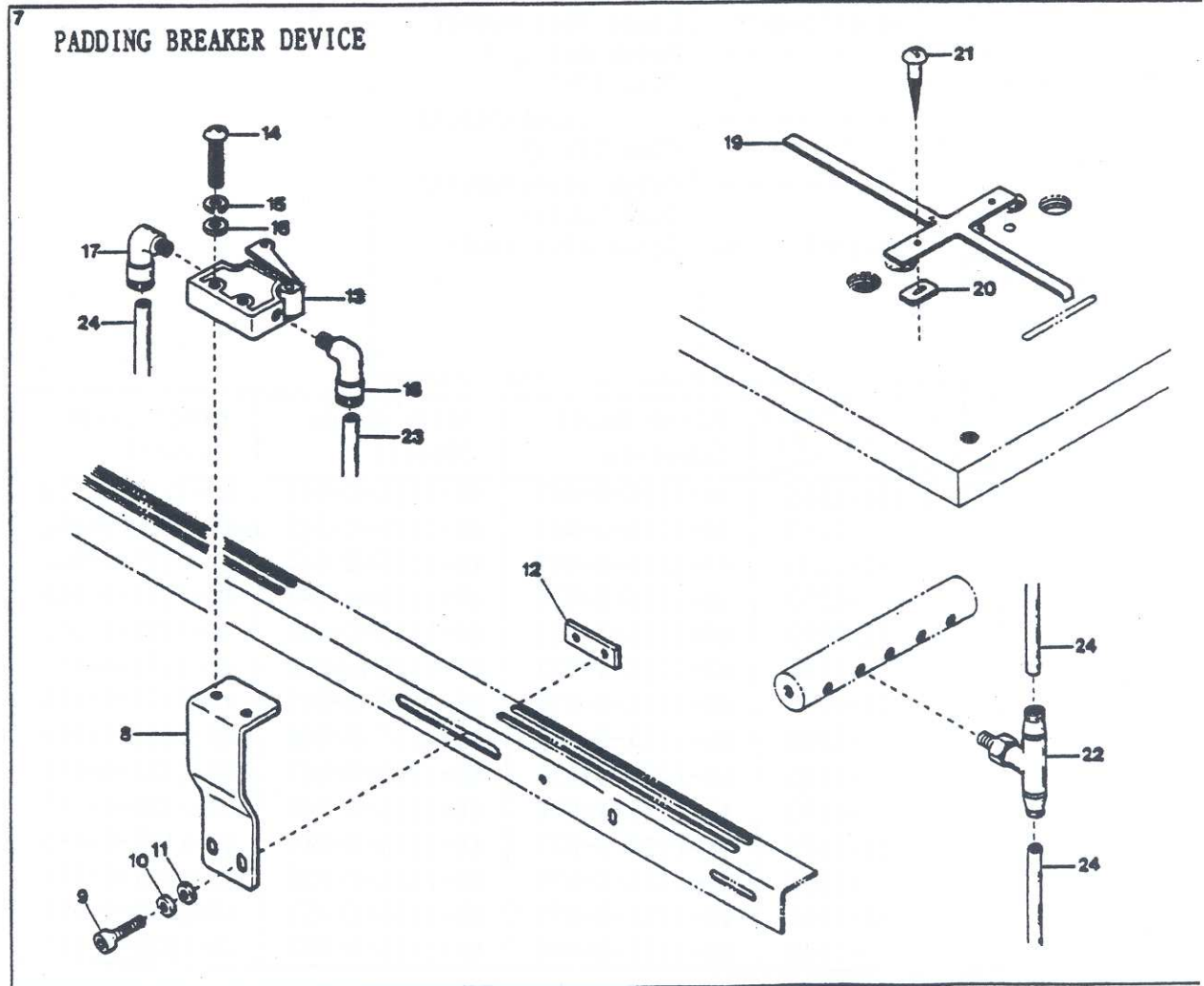
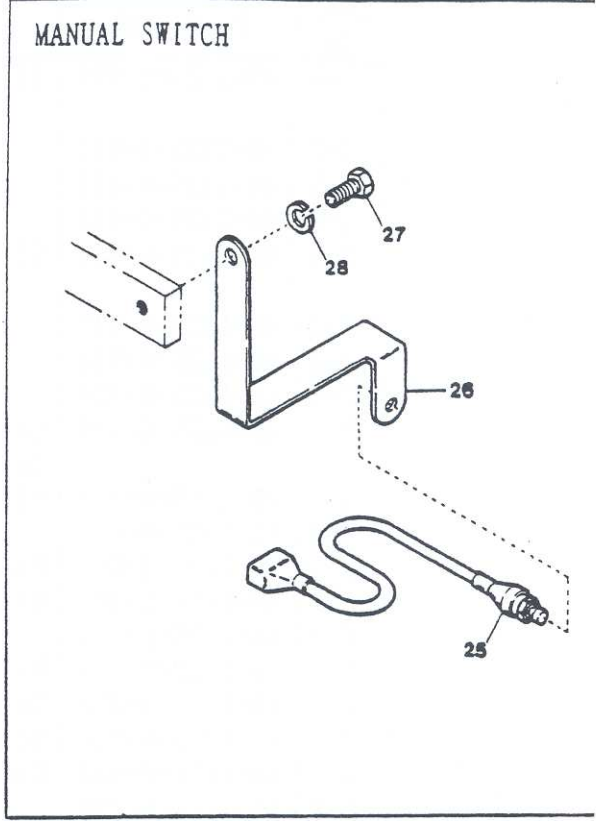
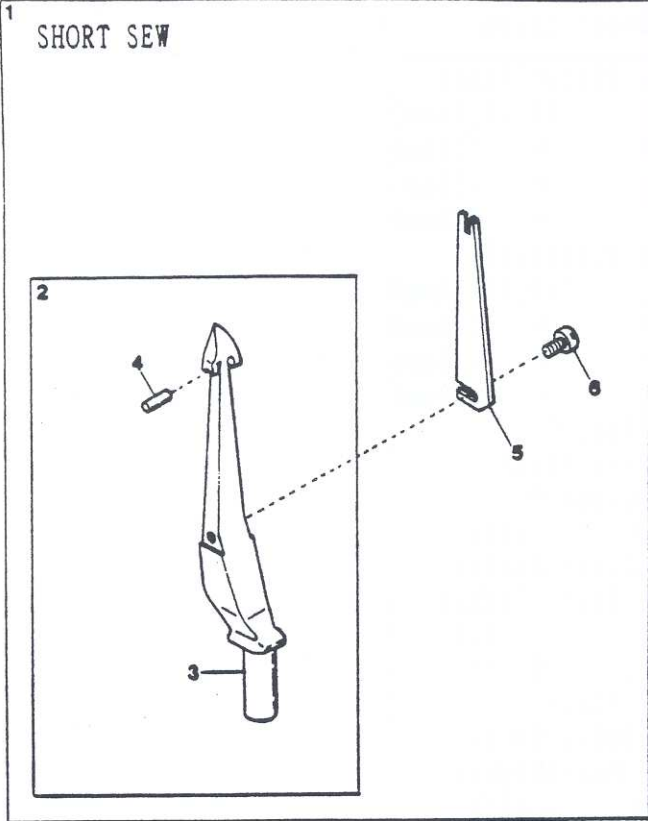




LONG SEW(Sewing Length 220mm) without Flap

Det. No	Parts. No	Description
1-1	48-1125-6-029	Slide Plate(Right) (10, 12, 14mm)
1-2	48-1125-6-031	" " (16mm)
1-3	48-1125-6-033	" " (18mm)
1-4	48-1125-6-035	" " (20mm)
2-1	48-1125-6-030	Slide Plate(Left) (10, 12, 14mm)
2-2	48-1125-6-032	" " (16mm)
2-3	48-1125-6-034	" " (18mm)
2-4	48-1125-6-036	" " (20mm)
3	48-1125-6-016	Long Sew, C. (without Flap)
4-1	48-1125-6-000	Flap Clamp(Right)
4-2	48-1125-6-001	" (Left)
5	48-1125-6-002	Flap Clamp Rubber
6-1	48-1125-6-004	Brush Blade(Right)
6-2	48-1125-6-005	" (Left)
7	48-1125-6-003	Reflective Sheet
8	48-1125-6-015	Cover Plate
9	46-1000-6-217	Screw(M3-0.5×5)
10-1	48-1125-6-009	Clamp Foot(Right)
10-2	48-1125-6-010	" (Left)
11	48-1125-6-011	Clamp Foot Rubber
12	-----	Patch Guide, C. (See Table)
13	-----	Patch Guide(Upper) (See Table)
14	-----	Patch Guide(Lower) (See Table)
15	46-1000-9-734	Screw(M2-0.4×6)

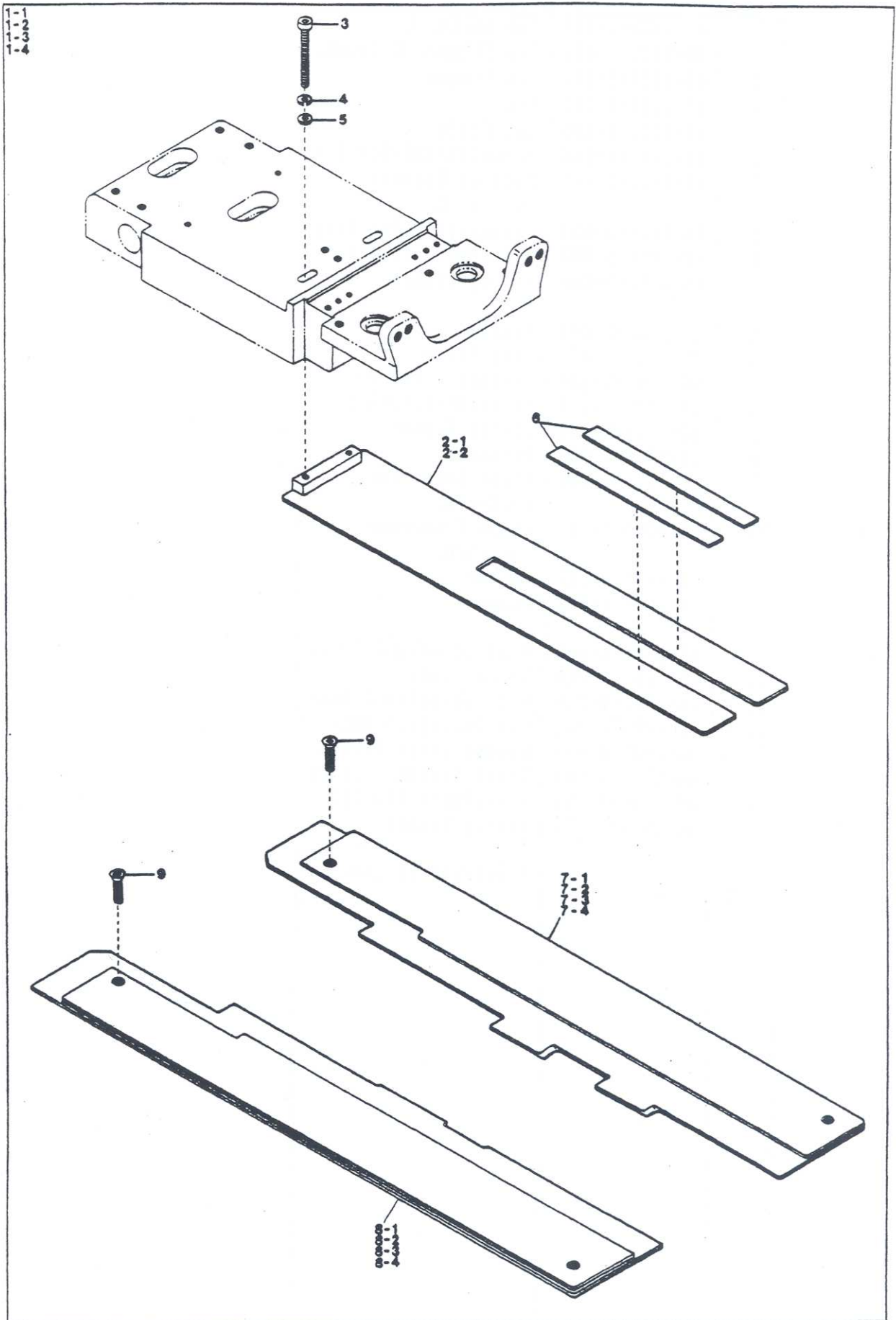
Models	Parts No.	Patch Guide, Complete	Patch Guide (Upper)	Patch Guide (Lower)
S48-A10-185S		48-1125-6-067	48-1125-6-041	48-1125-6-053
-185D		48-1125-6-068	48-1125-6-042	48-1125-6-054
12-220S		48-1125-6-069	48-1125-6-043	48-1125-6-055
-220D		48-1125-6-070	48-1125-6-044	48-1125-6-056
14-270S		48-1125-6-071	48-1125-6-045	48-1125-6-057
-270D		48-1125-6-072	48-1125-6-046	48-1125-6-058
16-300S		48-1125-6-073	48-1125-6-047	48-1125-6-059
-300D		48-1125-6-074	48-1125-6-048	48-1125-6-060
-310S		48-1125-6-075	48-1125-6-047	48-1125-6-061
-310D		48-1125-6-076	48-1125-6-048	48-1125-6-062
18-350S		48-1125-6-077	48-1125-6-049	48-1125-6-063
-350D		48-1125-6-078	48-1125-6-050	48-1125-6-064
20-390S		48-1125-6-079	48-1125-6-051	48-1125-6-065
-390D		48-1125-6-080	48-1125-6-052	48-1125-6-066



Det. No	Parts. No	Description
1	48-1125-5-997	Tab Knife, C.
2	48-1125-5-892	Tab Finger, C. (10mm)
3	48-1125-5-891	Tab Finger
4	48-1000-0-032	Pin
5	48-1125-5-893	Tab Knife
6	48-1000-4-246	Screw(11/128-56×2.4)
7	48-1125-5-896	Padding Breaker Device, C.
8	48-1125-5-894	Pneumatic Valve Stay
9	48-1000-5-650	Screw(M5-0.8×14)
10	46-1000-0-600	Spring Washer
11	46-1000-0-669	Washer
12	48-1125-5-895	Stay Plate
13	46-1001-0-306	Pneumatic Valve
14	46-1000-6-219	Screw(M4-0.7×30)
15	46-1000-0-644	Spring Washer
16	46-1000-0-665	Washer
17	46-1001-0-266	Elbow Connector ( $\phi$ 6-1/8)
18	46-1001-0-057	Elbow Connector ( $\phi$ 4-1/8)
19	46-1001-4-848	Holder
20	46-1001-4-849	Spacer
21	46-1000-6-905	Wood Screw( $\phi$ 5.1×20)
22	46-1001-0-289	T-Connector
23 *	46-1001-0-260	Air Tubing(4×2.5mm)
24 *	46-1001-0-261	Air Tubing(6×4mm)
25	46-1001-4-998	Manual Start Switch
26	46-1001-4-564	Start Switch Support
27	46-1000-9-777	Screw(M8-1.25×14)
28	46-1000-0-676	Spring Washer

\* Specify Length.

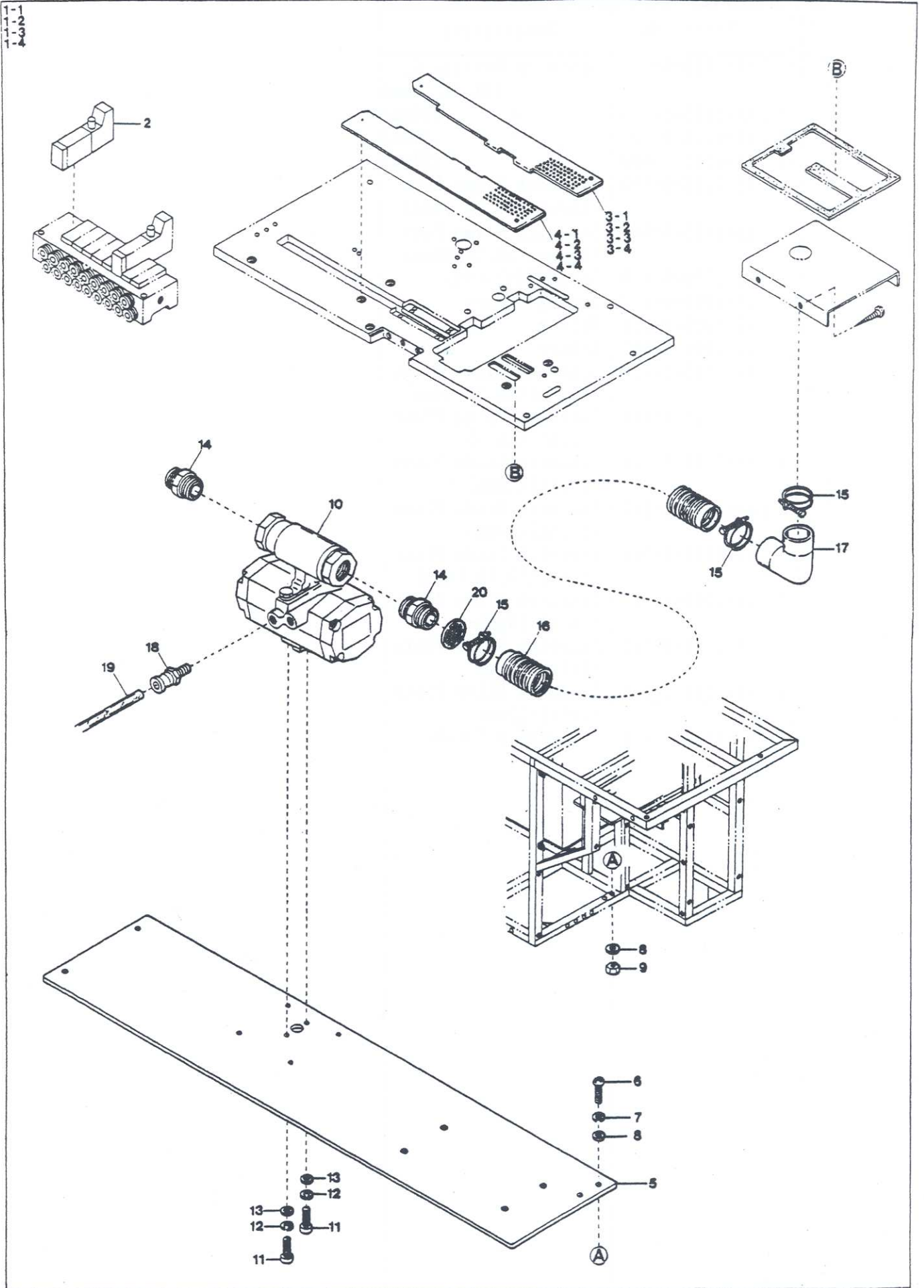
SANDWITCH DEVICE



## SANDWICH DEVICE

Det. No	Parts. No	Description
1-1	48-1125-5-905	Sandwich Device, C. (10, 12, 14mm)
1-2	48-1125-5-906	" (16mm)
1-3	48-1125-5-907	" (18mm)
1-4	48-1125-5-908	" (20mm)
2-1	48-1125-5-900	Sandwich Clamp Foot (Lower) (10, 12, 14mm)
2-2	48-1125-5-940	Sandwich Clamp Foot (Lower) (16, 18, 20mm)
3	46-1000-9-810	Screw (M6-1×55)
4	46-1000-0-667	Spring Washer
5	46-1000-0-663	Washer
6	46-1001-4-588	Rubber
7-1	48-1125-5-887	Sandwich Slide Plate (Right) (10, 12, 14mm)
7-2	48-1125-5-888	Sandwich Slide Plate (Right) (16mm)
7-3	48-1125-5-889	Sandwich Slide Plate (Right) (18mm)
7-4	48-1125-5-890	Sandwich Slide Plate (Right) (20mm)
8-1	48-1125-5-901	Sandwich Slide Plate (Left) (10, 12, 14mm)
8-2	48-1125-5-902	Sandwich Slide Plate (Left) (16mm)
8-3	48-1125-5-903	Sandwich Slide Plate (Left) (18mm)
8-4	48-1125-5-904	Sandwich Slide Plate (Left) (20mm)
9	46-1000-9-776	Screw (M4-0.7×10)

VACUUM SYSTEM without Blower Motor

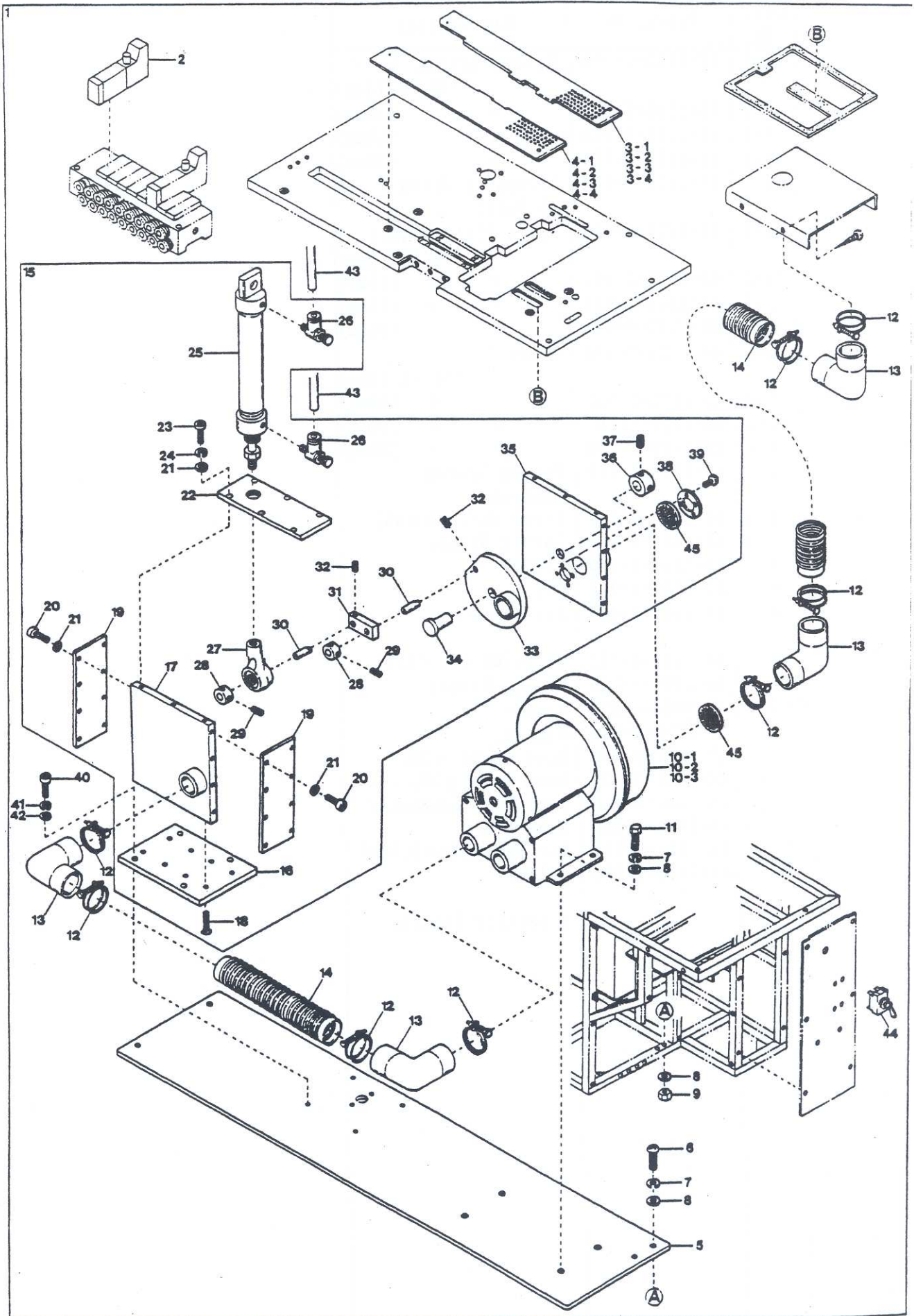


VACUUM SYSTEM without Blower Motor

Det. No	Parts. No	Description
1-1	48-1125-5-979	Vacuum System, C. (10, 12, 14mm)
1-2	48-1125-6-020	" (16mm)
1-3	48-1125-6-024	" (18mm)
1-4	48-1125-6-028	" (20mm)
2	48-1109-0-035	Pneumatic Valve (5 Port)
3-1	48-1125-5-989	Slide Plate(Right) (10, 12, 14mm)
3-2	48-1125-5-991	" " (16mm)
3-3	48-1125-5-993	" " (18mm)
3-4	48-1125-5-995	" " (20mm)
4-1	48-1125-5-990	Slide Plate(Left) (10, 12, 14mm)
4-2	48-1125-5-992	" " (16mm)
4-3	48-1125-5-994	" " (18mm)
4-4	48-1125-5-996	" " (20mm)
5	48-1125-5-975	Vacuum System Basment
6	46-1000-9-759	Screw(M8-1.25×55)
7	46-1000-0-676	Spring Washer
8	46-1000-0-429	Washer
9	46-1000-0-016	Nut
10	48-1109-0-095	Air Valve
11	46-1000-9-752	Screw(M5-0.8×15)
12	46-1000-0-600	Spring Washer
13	46-1000-0-669	Washer
14	48-1109-4-021	Nipple
15	48-1001-3-356	Hose Clamp(φ 50)
16	48-1001-3-353	Dust Hose(φ 38)
17	48-1001-3-244	Dust Hose Connector
18	46-1001-0-055	Connector
19 *	46-1001-0-260	Air Tubing(4×2.5mm)
20	48-1125-5-999	Filter

\* Specify Length.

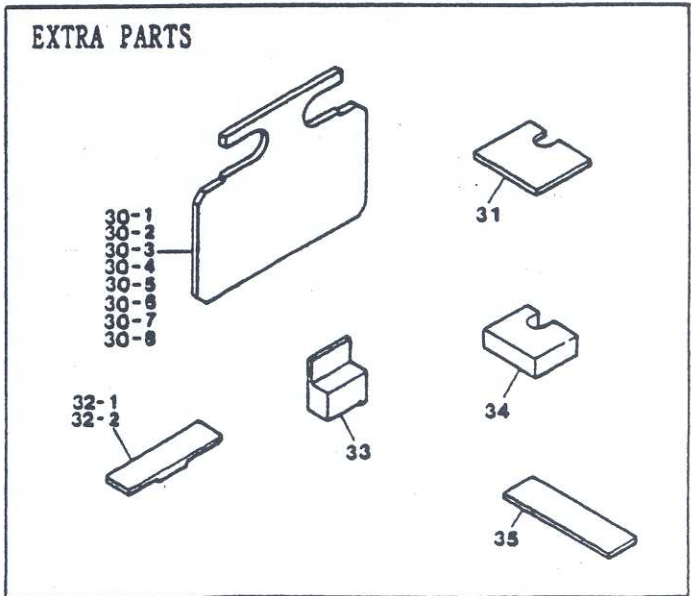
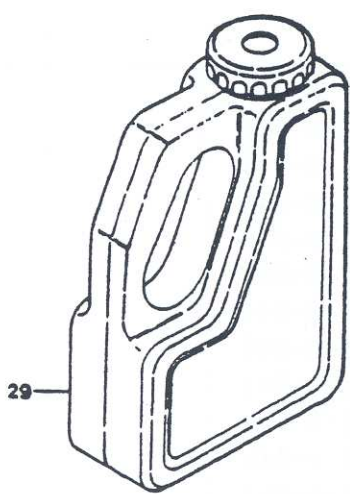
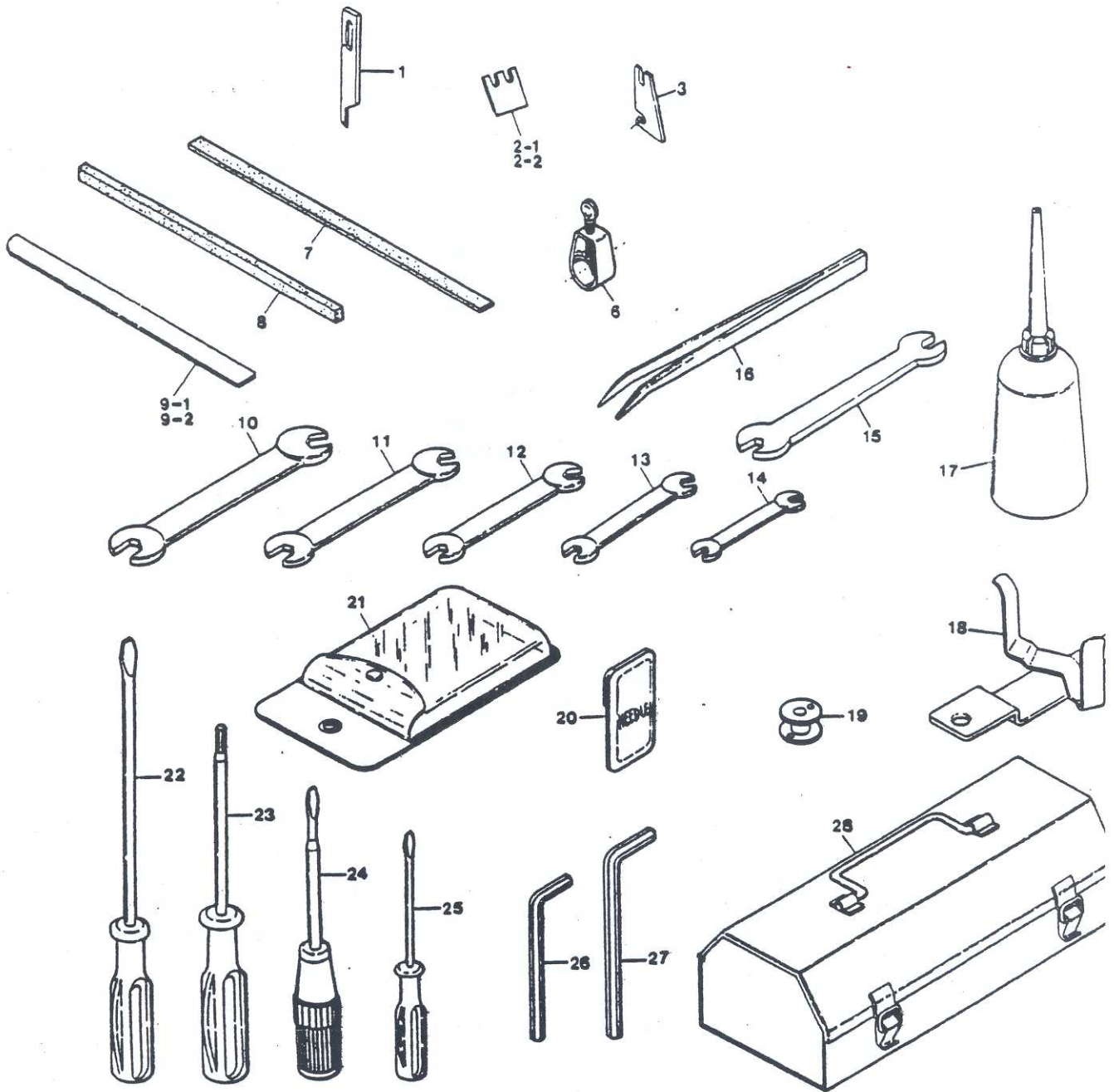
VACUUM SYSTEM with Blower Motor





Det. No	Parts. No	Description	Det. No	Parts. No	Description
1	-----	Vacuum System, C. (See Table)	21	46-1000-0-665	Washer
2	48-1109-0-035	Pneumatic Valve (5 Port)	22	48-1125-5-965	Upper Cover
3-1	48-1125-5-989	Slide Plate(Right) (10, 12, 14mm)	23	46-1000-9-748	Screw(M4-0.7×12)
3-2	48-1125-5-991	" " (16mm)	24	46-1000-0-644	Spring Washer
3-3	48-1125-5-993	" " (18mm)	25	48-1109-1-085	Air Cylinder (EMD-SD-20×50E)
3-4	48-1125-5-995	" " (20mm)	26	46-1001-0-254	Speed Controller
4-1	48-1125-5-990	Slide Plate(Left) (10, 12, 14mm)	27	46-1001-4-402	Rod End
4-2	48-1125-5-992	" " (16mm)	28	46-1007-7-296	Collar
4-3	48-1125-5-994	" " (18mm)	29	48-1000-3-638	Screw(11/64-40×4)
4-4	48-1125-5-996	" " (20mm)	30	48-1125-5-972	Link Pin
5	48-1125-5-975	Vacuum System Basement	31	48-1125-5-971	Link
6	46-1000-9-759	Screw(M8-1.25×55)	32	46-1000-9-736	Screw(M4-0.7×6)
7	46-1000-0-676	Spring Washer	33	48-1125-5-970	Changeover Inlet Plate Unit
8	46-1000-0-429	Washer	34	48-1125-5-973	Fulcrum Pin
9	46-1000-0-016	Nut	35	48-1125-5-968	Suction Inlet Plate (Front)
10-1	48-1001-0-945	Blower Motor (3 Phase 200V)	36	48-1003-2-820	Collar
10-2	48-1001-0-943	" (3 Phase 380V)	37	46-1000-7-650	Screw(11/64-40×5)
10-3	48-1001-0-944	" (3 Phase 440V)	38	48-1125-5-974	Attach Plate
11	48-1000-9-925	Screw(M8-1.25×24.5)	39	46-1000-4-127	Screw(M4-0.7×6)
12	48-1001-3-356	Hose Clamp(φ50)	40	46-1000-6-210	Screw(M6-1×12)
13	48-1001-3-244	Dust Hose Connector	41	46-1000-0-667	Spring Washer
14	48-1001-3-353	Dust Hose(φ38)	42	46-1000-0-663	Washer
15	48-1125-5-998	Air Changeover Device, C.	43 *	46-1001-0-260	Air Tubing(4×2.5mm)
16	48-1125-5-967	Bottom Plate	44	48-1106-6-068	Toggle Switch
17	48-1125-5-969	Suction Inlet Plate (Rear)	45	48-1125-5-999	Filter
18	48-1013-0-007	Screw(M4-0.7×10)			* Specify Length.
19	48-1125-5-966	Side Cover			
20	46-1000-9-746	Screw(M4-0.7×8)			

Parts No.	Bite Size	Voltage	Blower Motor
48-1125-5-976	10, 12, 14	200	48-1001-0-945
48-1125-5-977	10, 12, 14	380	48-1001-0-943
48-1125-5-978	10, 12, 14	440	48-1001-0-944
48-1125-6-017	16	200	48-1001-0-945
48-1125-6-018	16	380	48-1001-0-943
48-1125-6-019	16	440	48-1001-0-944
48-1125-6-021	18	200	48-1001-0-945
48-1125-6-022	18	380	48-1001-0-943
48-1125-6-023	18	440	48-1001-0-944
48-1125-6-025	20	200	48-1001-0-945
48-1125-6-026	20	380	48-1001-0-943
48-1125-6-027	20	440	48-1001-0-944



Det. No	Parts. No	Description
1	48-1125-5-721	Center Knife
2-1	46-1001-4-244	Trim Blade (for 10,12,14mm)
2-2	46-1001-5-292	Trim Blade (for 16,18,20mm)
3	46-1001-5-289	Tab Knife
4	. . . . .	. . . . .
5	. . . . .	. . . . .
6	48-1003-3-939	Hose Band
7	46-1001-4-589	Clamp Foot Rubber
8	46-1001-4-590	Flap Clamp Rubber
9-1	48-1125-5-596	Reflective Sheet (Right)
9-2	48-1125-5-353	" (Left)
10	46-1009-9-140	Wrench(17×14mm)
11	46-1009-9-139	Wrench(13×11mm)
12	46-1009-9-138	Wrench(12×10mm)
13	46-1009-9-137	Wrench(8×7mm)
14	46-1009-9-136	Wrench(7×5.5mm)
15	46-1001-5-154	Wrench(8×9mm)
16	46-1009-9-051	Tweezers
17	46-1001-5-176	Oiler
18	46-1001-4-716	Oiler Support
19	46-1001-5-081	Bobbin
20-1	02-0150-0-110	Needle, rd. pt., Fine(0)
20-2	02-0150-0-111	Needle, rd. pt., Medium(1)
20-3	02-0150-0-112	Needle, rd. pt., Heavy(2)
20-4	02-0150-0-113	Needle, rd. pt., Very Heavy(3)
20-5	02-0150-0-114	Needle, rd. pt., Extra Heavy
21	46-1009-9-134	Wrench (8 pcs. par set)
22	46-1001-5-151	Screwdriver (5.5×190mm)
23	46-1003-7-919	Hexagonal Screwdriver (1.58mm, 1/16)
24	46-1001-5-152	Screwdriver (3.4×70mm)
25	46-1001-5-153	Screwdriver (1.9×52mm)
26	46-1001-5-180	Wrench(2mm)
27	46-1001-5-179	Wrench(3mm)
28	46-1009-9-135	Accessory Box
29	46-1001-5-177	Oil Tank

Det. No	Parts. No	Description
30-1	46-1001-5-434	Clamp Arm Gauge (2.0mm)
30-2	46-1001-5-435	" (2.5mm)
30-3	46-1001-4-801	" (2.75mm)
30-4	46-1001-5-436	" (3.0mm)
30-5	46-1001-5-437	" (3.5mm)
30-6	46-1001-5-438	" (4.0mm)
30-7	46-1001-4-802	" (4.5mm)
30-8	46-1001-5-439	" (8.0mm)
31	46-1001-4-806	Needle & Hook Gauge
32-1	46-1001-4-803	Height Gauge(0.75mm)
32-2	46-1001-4-804	" " (0.9mm)
33	46-1001-4-800	Needle Height Gauge
34	46-1001-4-805	Needle & Hook Gauge
35	46-1001-4-807	Fixed Knife Positioning Gauge (2.95mm)



Spare Parts Models	Jumping Guide Block	Patch Guide Complete	Patch Guide (Upper)	Patch Guide (Lower)	Slide Plate (Left)	Slide Plate (Right)	Clamp Foot Spacer
S48-EA10-175S	46-1001-4-537	48-1125-5-803	48-1125-5-754	46-1001-5-371	48-1125-5-489	48-1125-5-488	46-1001-4-594(3.25)
EA10-175D	"	48-1125-5-804	48-1125-5-755	46-1001-5-364	"	"	"
EA10-180S	"	48-1125-5-957	48-1125-5-754	46-1001-5-405	"	"	46-1001-5-411(3.5)
EA10-180D	"	48-1125-5-958	48-1125-5-755	46-1001-5-406	"	"	"
EA10-185S	"	48-1125-5-805	48-1125-5-754	48-1125-5-752	"	"	48-1125-5-622(3.75)
EA10-185D	"	48-1125-5-806	48-1125-5-755	48-1125-5-753	"	"	"
EA12-210S	46-1001-4-538	48-1125-5-785	48-1125-5-756	46-1001-5-372	"	"	46-1001-5-219(4.0)
EA12-210D	"	48-1125-5-783	48-1125-5-757	46-1001-5-365	"	"	"
EA12-220S	"	48-1125-5-807	48-1125-5-756	46-1001-5-373	"	"	46-1001-4-595(4.5)
EA12-220D	"	48-1125-5-808	48-1125-5-757	46-1001-5-366	"	"	"
EA14-270S	46-1001-5-202	48-1125-5-809	48-1125-5-758	46-1001-5-376	"	"	46-1001-5-214(6.0)
EA14-270D	"	48-1125-5-810	48-1125-5-759	46-1001-5-369	"	"	"
EA16-300S	46-1001-5-293	48-1125-5-811	48-1125-5-760	48-1125-5-512	48-1125-5-491	48-1125-5-490	46-1001-5-284(7.0)
EA16-300D	"	48-1125-5-812	48-1125-5-761	48-1125-5-511	"	"	"
EA16-310S	"	48-1125-5-813	48-1125-5-760	48-1125-5-570	"	"	"
EA16-310D	"	48-1125-5-814	48-1125-5-761	48-1125-5-571	"	"	"
EA18-350S	46-1001-5-294	48-1125-5-815	48-1125-5-762	48-1125-5-572	48-1125-5-493	48-1125-5-492	46-1001-5-286(8.0)
EA18-350D	"	48-1125-5-816	48-1125-5-763	48-1125-5-573	"	"	"
EA20-390S	46-1001-5-295	48-1125-5-817	48-1125-5-764	48-1125-5-574	48-1125-5-495	48-1125-5-494	46-1001-5-288(9.0)
EA20-390D	"	48-1125-5-818	48-1125-5-765	48-1125-5-575	"	"	"

Note : Numbers in ( ) of Clamp Foot Spacer shows its thickness.

## PARTS INDEX

Parts No.	Page No.	Det. No.
02-0150-0-110	48	20-1
02-0150-0-111	48	20-2
02-0150-0-112	48	20-3
02-0150-0-113	48	20-4
02-0150-0-114	48	20-5
46-1000-0-002	33	57
46-1000-0-002	18	22
46-1000-0-002	19	3
46-1000-0-002	31	57
46-1000-0-002	23	11
46-1000-0-002	26	9
46-1000-0-002	13	10
46-1000-0-002	14	30
46-1000-0-002	15	6
46-1000-0-002	11	52
46-1000-0-002	12	22
46-1000-0-002	7	13
46-1000-0-009	33	24
46-1000-0-009	35	19
46-1000-0-009	21	6
46-1000-0-009	31	24
46-1000-0-009	14	50
46-1000-0-009	11	41
46-1000-0-009	12	15
46-1000-0-011	38	19
46-1000-0-011	40	12
46-1000-0-011	21	15
46-1000-0-011	22	24
46-1000-0-011	9	17
46-1000-0-011	10	29
46-1000-0-012	38	9
46-1000-0-012	33	58
46-1000-0-012	19	11
46-1000-0-012	20	4
46-1000-0-012	31	58
46-1000-0-012	26	22
46-1000-0-012	23	12
46-1000-0-012	15	7
46-1000-0-012	11	39
46-1000-0-014	38	8
46-1000-0-014	33	56
46-1000-0-014	34	17
46-1000-0-014	42	10
46-1000-0-014	16	44
46-1000-0-014	18	23
46-1000-0-014	19	4
46-1000-0-014	20	50
46-1000-0-014	31	56
46-1000-0-014	32	18

Parts No.	Page No.	Det. No.
46-1000-0-014	27	37
46-1000-0-014	28	38
46-1000-0-014	30	3
46-1000-0-014	22	28
46-1000-0-014	23	10
46-1000-0-014	26	8
46-1000-0-014	13	11
46-1000-0-014	14	31
46-1000-0-014	15	5
46-1000-0-014	12	33
46-1000-0-014	7	12
46-1000-0-015	17	33
46-1000-0-015	18	61
46-1000-0-015	19	23
46-1000-0-015	22	9
46-1000-0-015	14	10
46-1000-0-015	12	5
46-1000-0-015	8	18
46-1000-0-016	37	39
46-1000-0-016	38	38
46-1000-0-016	46	9
46-1000-0-016	47	9
46-1000-0-016	16	34
46-1000-0-016	18	28
46-1000-0-016	21	34
46-1000-0-016	22	33
46-1000-0-016	23	5
46-1000-0-016	12	42
46-1000-0-016	14	57
46-1000-0-016	15	21
46-1000-0-035	17	38
46-1000-0-035	18	66
46-1000-0-037	38	14
46-1000-0-039	7	32
46-1000-0-054	38	28
46-1000-0-054	22	5
46-1000-0-054	27	7
46-1000-0-054	28	7
46-1000-0-070	15	22
46-1000-0-145	35	6
46-1000-0-145	20	13
46-1000-0-145	10	17
46-1000-0-182	7	31
46-1000-0-209	17	24
46-1000-0-209	18	52
46-1000-0-257	7	11
46-1000-0-260	37	32
46-1000-0-260	38	53
46-1000-0-260	35	47
46-1000-0-260	17	49

Parts No.	Page No.	Det. No.
46-1000-0-332	15	50
46-1000-0-334	24	10
46-1000-0-339	27	50
46-1000-0-339	28	50
46-1000-0-339	19	49
46-1000-0-399	19	49
46-1000-0-399	20	36
46-1000-0-419	16	62
46-1000-0-421	15	31
46-1000-0-425	37	50
46-1000-0-426	14	48
46-1000-0-428	18	4
46-1000-0-429	46	8
46-1000-0-429	47	8
46-1000-0-429	21	8
46-1000-0-429	15	24
46-1000-0-432	24	7
46-1000-0-432	37	16
46-1000-0-432	38	21
46-1000-0-432	35	23
46-1000-0-432	21	12
46-1000-0-433	15	30
46-1000-0-439	27	8
46-1000-0-439	28	8
46-1000-0-439	24	6
46-1000-0-439	37	31
46-1000-0-439	35	22
46-1000-0-439	19	16
46-1000-0-439	21	11
46-1000-0-530	24	10
46-1000-0-538	16	56
46-1000-0-538	8	6
46-1000-0-553	42	11
46-1000-0-555	14	45
46-1000-0-600	35	17
46-1000-0-600	36	70
46-1000-0-600	44	10
46-1000-0-600	46	12
46-1000-0-600	16	3
46-1000-0-600	21	5
46-1000-0-600	14	49
46-1000-0-600	9	32
46-1000-0-600	12	14
46-1000-0-612	17	50
46-1000-0-612	19	17
46-1000-0-623	33	12
46-1000-0-623	15	65
46-1000-0-623	16	6
46-1000-0-623	18	47
46-1000-0-623	19	6

N

D

N

Parts No.	Page No.	Det. No.
46-1000-0-623	20	21
46-1000-0-623	14	40
46-1000-0-623	10	36
46-1000-0-623	12	16
46-1000-0-623	31	12
46-1000-0-623	26	27
46-1000-0-623	27	55
46-1000-0-623	28	56
46-1000-0-623	25	33
46-1000-0-644	40	7
46-1000-0-644	44	15
46-1000-0-644	47	24
46-1000-0-644	17	8
46-1000-0-644	16	28
46-1000-0-644	18	11
46-1000-0-644	19	24
46-1000-0-644	20	33
46-1000-0-644	20	55
46-1000-0-644	22	10
46-1000-0-644	13	3
46-1000-0-644	14	17
46-1000-0-644	10	26
46-1000-0-644	11	11
46-1000-0-644	12	4
46-1000-0-644	7	48
46-1000-0-644	8	5
46-1000-0-644	9	3
46-1000-0-644	31	4
46-1000-0-644	33	4
46-1000-0-644	27	5
46-1000-0-644	28	5
46-1000-0-644	29	25
46-1000-0-644	24	35
46-1000-0-644	25	20
46-1000-0-644	26	5
46-1000-0-655	17	7
46-1000-0-663	37	28
46-1000-0-663	38	26
46-1000-0-663	40	10
46-1000-0-663	33	36
46-1000-0-663	35	26
46-1000-0-663	36	74
46-1000-0-663	45	5
46-1000-0-663	47	42
46-1000-0-663	13	20
46-1000-0-663	14	7
46-1000-0-663	9	29
46-1000-0-663	10	5
46-1000-0-663	11	30
46-1000-0-663	8	14

Parts No.	Page No.	Det. No.
46-1000-0-663	17	12
46-1000-0-663	18	31
46-1000-0-663	20	38
46-1000-0-663	21	14
46-1000-0-663	22	23
46-1000-0-663	31	36
46-1000-0-663	27	27
46-1000-0-663	28	27
46-1000-0-663	23	18
46-1000-0-663	25	10
46-1000-0-665	38	65
46-1000-0-665	40	6
46-1000-0-665	44	16
46-1000-0-665	47	21
46-1000-0-665	16	27
46-1000-0-665	18	10
46-1000-0-665	19	25
46-1000-0-665	20	15
46-1000-0-665	20	56
46-1000-0-665	22	11
46-1000-0-665	13	4
46-1000-0-665	14	9
46-1000-0-665	10	25
46-1000-0-665	11	12
46-1000-0-665	12	3
46-1000-0-665	7	7
46-1000-0-665	8	19
46-1000-0-665	9	4
46-1000-0-665	31	5
46-1000-0-665	33	5
46-1000-0-665	27	4
46-1000-0-665	28	4
46-1000-0-665	29	24
46-1000-0-665	24	36
46-1000-0-665	25	21
46-1000-0-665	26	4
46-1000-0-666	38	36
46-1000-0-666	35	5
46-1000-0-666	36	59
46-1000-0-666	37	9
46-1000-0-666	17	16
46-1000-0-666	16	32
46-1000-0-666	18	18
46-1000-0-666	21	33
46-1000-0-666	22	17
46-1000-0-666	12	40
46-1000-0-666	14	59
46-1000-0-666	15	40
46-1000-0-666	10	13
46-1000-0-666	11	3

Parts No.	Page No.	Det. No.
46-1000-0-666	27	19
46-1000-0-666	28	19
46-1000-0-666	23	3
46-1000-0-667	37	27
46-1000-0-667	38	49
46-1000-0-667	40	11
46-1000-0-667	33	37
46-1000-0-667	35	27
46-1000-0-667	36	73
46-1000-0-667	45	4
46-1000-0-667	47	41
46-1000-0-667	17	11
46-1000-0-667	18	3
46-1000-0-667	21	29
46-1000-0-667	22	22
46-1000-0-667	13	19
46-1000-0-667	15	44
46-1000-0-667	9	28
46-1000-0-667	10	4
46-1000-0-667	31	37
46-1000-0-667	27	28
46-1000-0-667	28	28
46-1000-0-667	23	17
46-1000-0-667	25	9
46-1000-0-669	33	23
46-1000-0-669	35	18
46-1000-0-669	36	69
46-1000-0-669	44	11
46-1000-0-669	46	13
46-1000-0-669	16	4
46-1000-0-669	21	4
46-1000-0-669	9	33
46-1000-0-669	11	45
46-1000-0-669	12	13
46-1000-0-669	31	23
46-1000-0-670	14	3
46-1000-0-676	38	37
46-1000-0-676	35	4
46-1000-0-676	36	60
46-1000-0-676	37	8
46-1000-0-676	44	28
46-1000-0-676	46	7
46-1000-0-676	47	7
46-1000-0-676	17	15
46-1000-0-676	16	33
46-1000-0-676	21	32
46-1000-0-676	22	16
46-1000-0-676	12	41
46-1000-0-676	14	58
46-1000-0-676	15	41

Parts No.	Page No.	Det. No.
46-1000-0-676	10	14
46-1000-0-676	11	2
46-1000-0-676	23	4
46-1000-1-092	7	36
46-1000-1-222	16	21
46-1000-1-613	16	50
46-1000-3-635	21	20
46-1000-3-635	10	12
46-1000-3-635	11	5
46-1000-3-637	12	8
46-1000-3-655	19	38
46-1000-3-655	38	46
46-1000-3-659	36	66
46-1000-3-662	18	36
46-1000-3-662	19	35
46-1000-3-662	21	2
46-1000-3-662	32	10
46-1000-3-662	27	34
46-1000-3-662	28	35
46-1000-3-662	29	6
46-1000-3-662	29	19
46-1000-3-662	15	13
46-1000-3-662	34	9
46-1000-3-662	35	12
46-1000-3-662	36	62
46-1000-3-662	37	3
46-1000-3-662	38	11
46-1000-3-662	39	7
46-1000-4-127	7	6
46-1000-4-127	47	39
46-1000-4-351	22	49
46-1000-4-351	35	31
46-1000-4-351	37	23
46-1000-4-351	38	73
46-1000-4-358	16	64
46-1000-4-404	16	53
46-1000-4-445	24	9
46-1000-4-642	12	31
46-1000-5-000	12	49
46-1000-5-061	13	26
46-1000-5-121	16	55
46-1000-6-176	17	5
46-1000-6-176	18	8
46-1000-6-178	16	11
46-1000-6-183	19	31

Parts No.	Page No.	Det. No.
46-1000-6-185	11	28
46-1000-6-185	20	40
46-1000-6-187	12	39
46-1000-6-192	12	6
46-1000-6-193	20	14
46-1000-6-195	8	28
46-1000-6-196	15	20
46-1000-6-197	8	15
46-1000-6-198	16	61
46-1000-6-199	38	20
46-1000-6-201	29	2
46-1000-6-201	22	53
46-1000-6-201	34	2
46-1000-6-203	15	10
46-1000-6-205	15	12
46-1000-6-206	22	6
46-1000-6-208	35	44
46-1000-6-208	37	35
46-1000-6-209	15	47
46-1000-6-210	9	16
46-1000-6-210	21	38
46-1000-6-210	31	38
46-1000-6-210	33	38
46-1000-6-210	47	40
46-1000-6-212	9	12
46-1000-6-212	19	46
46-1000-6-212	22	7
46-1000-6-212	35	10
46-1000-6-212	38	43
46-1000-6-213	19	22
46-1000-6-214	19	2
46-1000-6-215	19	40
46-1000-6-217	20	45
46-1000-6-217	30	17
46-1000-6-217	30	5
46-1000-6-217	42	14
46-1000-6-217	43	9
46-1000-6-219	31	2
46-1000-6-219	33	2
46-1000-6-219	44	14
46-1000-6-220	16	31
46-1000-6-220	21	7
46-1000-6-220	35	39
46-1000-6-223	15	34
46-1000-6-225	11	27
46-1000-6-225	18	2
46-1000-6-226	14	33
46-1000-6-227	15	50
46-1000-6-229	14	47
46-1000-6-229	31	11

Parts No.	Page No.	Det. No.
46-1000-6-229	33	11
46-1000-6-229	36	71
46-1000-6-232	14	56
46-1000-6-232	15	69
46-1000-6-235	20	16
46-1000-6-248	19	10
46-1000-6-444	15	52
46-1000-6-638	19	48
46-1000-6-638	27	52
46-1000-6-638	28	53
46-1000-6-905	15	2
46-1000-6-905	15	73
46-1000-6-905	36	58
46-1000-6-905	37	5
46-1000-6-905	39	10
46-1000-6-905	44	21
46-1000-7-609	7	43
46-1000-7-650	33	35
46-1000-7-650	35	43
46-1000-7-650	47	37
46-1000-7-650	31	35
46-1000-7-650	27	11
46-1000-7-650	28	11
46-1000-7-650	11	15
46-1000-7-678	16	59
46-1000-8-200	1	2
46-1000-8-201	1	3
46-1000-8-202	1	7
46-1000-8-202	5	5
46-1000-8-203	1	17
46-1000-8-205	2	5
46-1000-8-206	2	6
46-1000-8-207	2	37
46-1000-8-207	3	37
46-1000-8-207	41	9
46-1000-8-208	3	22
46-1000-8-209	3	25
46-1000-8-209	41	26
46-1000-8-210	3	26
46-1000-8-210	41	27
46-1000-8-211	5	3
46-1000-8-212	5	14
46-1000-8-213	5	68
46-1000-8-214	5	72
46-1000-8-215	5	22
46-1000-8-216	5	10
46-1000-8-217	6	7
46-1000-8-218	6	8



Parts No.	Page No.	Det. No.
46-1000-8-219	6	11
46-1000-8-220	6	19
46-1000-8-221	6	22
46-1000-8-222	6	31
46-1000-8-223	6	41
46-1000-8-224	7	39
46-1000-8-226	5	57
46-1000-8-226	41	37
46-1000-8-227	6	9
46-1000-8-229	1	16
46-1000-8-230	2	30
46-1000-8-233	2	3
46-1000-8-234	3	19
46-1000-8-235	2	10
46-1000-8-235	3	17
46-1000-8-236	2	20
46-1000-8-236	3	13
46-1000-8-237	2	21
46-1000-8-237	3	12
46-1000-8-238	2	50
46-1000-8-239	3	4
46-1000-8-240	3	28
46-1000-8-240	41	21
46-1000-8-241	3	41
46-1000-8-241	41	19
46-1000-8-242	3	6
46-1000-8-243	3	16
46-1000-8-244	6	15
46-1000-8-245	1	8
46-1000-8-246	6	12
46-1000-8-247	6	16
46-1000-8-248	5	15
46-1000-8-249	6	39
46-1000-8-250	6	40
46-1000-8-251	6	20
46-1000-8-252	1	14
46-1000-8-255	5	60
46-1000-8-255	41	40
46-1000-8-257	3	33
46-1000-8-258	41	14
46-1000-8-260	5	58
46-1000-8-260	41	38
46-1000-8-261	5	8
46-1000-8-262	6	23
46-1000-8-263	6	44
46-1000-8-264	5	59
46-1000-8-264	6	42
46-1000-8-264	41	39
46-1000-8-265	6	25
46-1000-8-266	5	32

Parts No.	Page No.	Det. No.
46-1000-8-267	5	16
46-1000-8-268	5	40
46-1000-8-269	5	34
46-1000-8-271	5	38
46-1000-8-272	5	35
46-1000-8-273	5	17
46-1000-8-274	5	39
46-1000-8-275	5	54
46-1000-8-276	5	63
46-1000-8-277	5	21
46-1000-8-278	5	55
46-1000-8-279	5	46
46-1000-8-280	41	16
46-1000-8-280	5	62
46-1000-8-281	5	66
46-1000-8-282	5	47
46-1000-8-283	5	65
46-1000-8-284	5	52
46-1000-8-287	5	69
46-1000-8-289	1	12
46-1000-9-127	16	47
46-1000-9-142	16	48
46-1000-9-200	16	70
46-1000-9-209	7	44
46-1000-9-734	11	50
46-1000-9-734	26	15
46-1000-9-734	42	22
46-1000-9-734	43	15
46-1000-9-736	13	24
46-1000-9-736	18	40
46-1000-9-736	20	11
46-1000-9-736	24	14
46-1000-9-736	47	32
46-1000-9-737	17	34
46-1000-9-737	18	62
46-1000-9-738	19	33
46-1000-9-738	21	3
46-1000-9-740	17	3
46-1000-9-740	15	56
46-1000-9-740	21	17
46-1000-9-744	11	38
46-1000-9-744	19	13
46-1000-9-744	31	55
46-1000-9-744	33	55
46-1000-9-745	13	9
46-1000-9-745	14	29
46-1000-9-745	11	37
46-1000-9-745	18	21
46-1000-9-745	26	10

Parts No.	Page No.	Det. No.
46-1000-9-746	8	12
46-1000-9-746	16	41
46-1000-9-746	20	5
46-1000-9-746	20	54
46-1000-9-746	26	6
46-1000-9-746	47	20
46-1000-9-746	38	41
46-1000-9-747	12	38
46-1000-9-747	14	52
46-1000-9-747	9	19
46-1000-9-747	17	9
46-1000-9-747	15	57
46-1000-9-747	19	20
46-1000-9-747	31	40
46-1000-9-747	29	26
46-1000-9-747	40	13
46-1000-9-747	33	40
46-1000-9-748	8	20
46-1000-9-748	10	27
46-1000-9-748	11	33
46-1000-9-748	19	51
46-1000-9-748	47	23
46-1000-9-748	40	8
46-1000-9-749	15	18
46-1000-9-749	8	4
46-1000-9-749	9	2
46-1000-9-749	19	29
46-1000-9-749	31	3
46-1000-9-749	33	3
46-1000-9-749	27	6
46-1000-9-749	28	6
46-1000-9-749	25	19
46-1000-9-749	40	17
46-1000-9-750	16	29
46-1000-9-750	19	21
46-1000-9-751	14	46
46-1000-9-751	10	31
46-1000-9-751	31	28
46-1000-9-751	33	28
46-1000-9-752	17	40
46-1000-9-752	16	2
46-1000-9-752	18	15
46-1000-9-752	46	11
46-1000-9-752	40	3
46-1000-9-753	2	47
46-1000-9-753	17	53
46-1000-9-753	18	7
46-1000-9-753	27	2
46-1000-9-753	28	2
46-1000-9-753	37	26

Parts No.	Page No.	Det. No.
46-1000-9-754	10	33
46-1000-9-754	11	31
46-1000-9-754	17	10
46-1000-9-754	21	28
46-1000-9-754	38	25
46-1000-9-754	40	9
46-1000-9-754	35	28
46-1000-9-755	15	59
46-1000-9-755	18	43
46-1000-9-755	19	27
46-1000-9-755	21	13
46-1000-9-758	12	45
46-1000-9-758	37	34
46-1000-9-758	38	35
46-1000-9-758	35	49
46-1000-9-759	21	25
46-1000-9-759	23	2
46-1000-9-759	46	6
46-1000-9-759	47	6
46-1000-9-759	37	38
46-1000-9-759	38	62
46-1000-9-759	35	3
46-1000-9-760	37	17
46-1000-9-760	35	21
46-1000-9-761	19	15
46-1000-9-761	21	10
46-1000-9-761	37	30
46-1000-9-761	38	51
46-1000-9-761	35	46
46-1000-9-768	12	28
46-1000-9-770	15	27
46-1000-9-770	31	42
46-1000-9-770	33	42
46-1000-9-774	14	2
46-1000-9-775	38	23
46-1000-9-776	45	9
46-1000-9-776	38	3
46-1000-9-777	10	15
46-1000-9-777	11	1
46-1000-9-777	44	27
46-1000-9-791	20	49
46-1000-9-791	32	17
46-1000-9-791	27	36
46-1000-9-791	28	37
46-1000-9-791	30	2
46-1000-9-791	42	9
46-1000-9-791	34	16
46-1000-9-793	15	64
46-1000-9-797	12	24
46-1000-9-797	17	26

Parts No.	Page No.	Det. No.
46-1000-9-797	18	54
46-1000-9-800	38	7
46-1000-9-801	12	21
46-1000-9-801	15	63
46-1000-9-804	7	26
46-1000-9-806	35	16
46-1000-9-807	15	38
46-1000-9-810	45	3
46-1000-9-811	7	22
46-1000-9-812	7	14
46-1000-9-814	15	8
46-1000-9-858	15	23
46-1000-9-911	12	36
46-1000-9-914	7	49
46-1000-9-914	22	8
46-1000-9-928	24	5
46-1000-9-935	9	31
46-1000-9-935	31	22
46-1000-9-935	33	22
46-1000-9-936	17	4
46-1000-9-936	21	36
46-1000-9-936	22	15
46-1000-9-936	35	8
46-1000-9-936	36	61
46-1000-9-936	37	7
46-1000-9-936	37	14
46-1000-9-940	17	14
46-1000-9-940	18	27
46-1000-9-940	21	31
46-1000-9-954	15	37
46-1000-9-956	22	2
46-1000-9-957	22	29
46-1000-9-959	7	21
46-1000-9-964	20	37
46-1000-9-970	13	21
46-1000-9-970	15	45
46-1000-9-970	9	10
46-1000-9-970	10	34
46-1000-9-970	16	37
46-1000-9-970	18	6
46-1000-9-970	22	13
46-1000-9-970	37	41
46-1000-9-970	38	48
46-1000-9-970	34	4
46-1000-9-970	36	72
46-1000-9-972	18	17
46-1000-9-974	14	16
46-1000-9-974	18	13
46-1000-9-976	10	28
46-1000-9-976	16	24

Parts No.	Page No.	Det. No.
46-1000-9-976	19	42
46-1000-9-976	20	35
46-1000-9-976	32	2
46-1000-9-976	27	29
46-1000-9-976	28	29
46-1000-9-976	29	12
46-1000-9-976	22	51
46-1000-9-976	25	8
46-1000-9-976	38	59
46-1000-9-976	39	5
46-1000-9-977	13	18
46-1000-9-977	9	27
46-1000-9-977	18	30
46-1000-9-977	32	4
46-1000-9-977	29	13
46-1000-9-977	23	16
46-1000-9-977	38	72
46-1000-9-978	22	32
46-1000-9-978	35	41
46-1000-9-980	9	25
46-1000-9-980	18	38
46-1000-9-980	29	3
46-1000-9-992	18	12
46-1000-9-992	24	34
46-1000-9-994	15	4
46-1000-9-994	9	8
46-1000-9-995	7	24
46-1000-9-995	9	6
46-1000-9-995	32	15
46-1000-9-995	34	14
46-1001-0-018	14	43
46-1001-0-019	20	23
46-1001-0-019	16	7
46-1001-0-019	31	17
46-1001-0-019	26	28
46-1001-0-019	33	17
46-1001-0-019	10	35
46-1001-0-019	12	29
46-1001-0-024	25	13
46-1001-0-032	18	48
46-1001-0-032	19	55
46-1001-0-054	18	49
46-1001-0-054	19	8
46-1001-0-054	12	32
46-1001-0-055	22	42
46-1001-0-055	38	32
46-1001-0-055	46	18
46-1001-0-057	16	35
46-1001-0-057	22	43

Parts No.	Page No.	Det. No.
46-1001-0-057	25	41
46-1001-0-057	38	31
46-1001-0-057	39	13
46-1001-0-057	44	18
46-1001-0-143	25	25
46-1001-0-148	39	9
46-1001-0-182	19	5
46-1001-0-184	25	11
46-1001-0-185	25	17
46-1001-0-188	25	5
46-1001-0-227	25	1
46-1001-0-239	25	15
46-1001-0-241	16	5
46-1001-0-242	16	68
46-1001-0-244	18	44
46-1001-0-246	12	27
46-1001-0-248	15	62
46-1001-0-248	12	20
46-1001-0-249	12	10
46-1001-0-250	19	26
46-1001-0-254	37	19
46-1001-0-254	38	55
46-1001-0-254	40	20
46-1001-0-254	35	52
46-1001-0-254	47	26
46-1001-0-254	18	26
46-1001-0-254	17	22
46-1001-0-254	11	19
46-1001-0-254	27	15
46-1001-0-254	28	15
46-1001-0-256	14	36
46-1001-0-258	33	13
46-1001-0-258	18	50
46-1001-0-258	19	7
46-1001-0-258	20	22
46-1001-0-258	15	66
46-1001-0-258	16	8
46-1001-0-258	14	39
46-1001-0-258	10	37
46-1001-0-258	12	17
46-1001-0-258	25	34
46-1001-0-258	31	13
46-1001-0-258	27	56
46-1001-0-258	28	57
46-1001-0-260	37	47
46-1001-0-260	38	70
46-1001-0-260	39	14
46-1001-0-260	40	22
46-1001-0-260	33	60
46-1001-0-260	35	53

Parts No.	Page No.	Det. No.
46-1001-0-260	44	23
46-1001-0-260	46	19
46-1001-0-260	47	43
46-1001-0-260	20	57
46-1001-0-260	17	51
46-1001-0-260	18	69
46-1001-0-260	19	56
46-1001-0-260	16	71
46-1001-0-260	15	70
46-1001-0-260	11	51
46-1001-0-260	12	50
46-1001-0-260	14	55
46-1001-0-260	8	24
46-1001-0-260	10	38
46-1001-0-260	22	54
46-1001-0-260	25	37
46-1001-0-260	31	60
46-1001-0-260	26	31
46-1001-0-260	27	57
46-1001-0-260	28	58
46-1001-0-261	39	15
46-1001-0-261	44	24
46-1001-0-261	25	38
46-1001-0-262	39	16
46-1001-0-262	25	39
46-1001-0-264	39	12
46-1001-0-264	14	35
46-1001-0-264	25	6
46-1001-0-265	25	2
46-1001-0-266	44	17
46-1001-0-266	25	22
46-1001-0-267	25	14
46-1001-0-269	39	11
46-1001-0-269	25	12
46-1001-0-270	25	4
46-1001-0-271	12	18
46-1001-0-271	14	54
46-1001-0-271	25	35
46-1001-0-278	25	3
46-1001-0-283	16	65
46-1001-0-283	12	9
46-1001-0-283	26	23
46-1001-0-284	20	19
46-1001-0-289	44	22
46-1001-0-296	38	30
46-1001-0-300	17	21
46-1001-0-300	11	18
46-1001-0-301	38	34
46-1001-0-301	27	14
46-1001-0-301	28	14

Parts No.	Page No.	Det. No.
46-1001-0-304	14	38
46-1001-0-306	44	13
46-1001-0-313	39	2
46-1001-0-337	19	28
46-1001-0-337	16	25
46-1001-0-416	25	36
46-1001-0-720	9	20
46-1001-0-722	16	26
46-1001-0-722	26	1
46-1001-0-842	24	30
46-1001-0-846	24	31
46-1001-0-894	24	25-1
46-1001-0-895	24	25-2
46-1001-0-896	24	25-3
46-1001-0-897	24	25-4
46-1001-0-900	24	1-1
46-1001-0-906	23	14
46-1001-0-913	24	25-5
46-1001-0-914	22	26
46-1001-0-954	24	23
46-1001-0-955	24	4-1
46-1001-0-956	24	3
46-1001-0-957	24	2-1
46-1001-0-958	14	11
46-1001-0-965	24	1-2
46-1001-0-976	24	4-2
46-1001-0-977	24	2-2
46-1001-0-978	24	1-3
46-1001-0-979	24	25-6
46-1001-0-987	24	16-1
46-1001-0-988	24	16-2
46-1001-1-095	35	54-1
46-1001-1-095	37	48-1
46-1001-1-095	38	71-1
46-1001-1-095	39	17
46-1001-1-096	35	54-2
46-1001-1-096	37	48-2
46-1001-1-096	38	71-2
46-1001-1-097	35	54-3
46-1001-1-097	37	48-3
46-1001-1-097	38	71-3
46-1001-1-098	35	54-4
46-1001-1-098	37	48-4
46-1001-1-098	38	71-4
46-1001-4-030	19	30
46-1001-4-032	15	28
46-1001-4-056	15	33
46-1001-4-101	21	1

Parts No.	Page No.	Det. No.
46-1001-4-108	35	20
46-1001-4-108	18	37
46-1001-4-117	18	39
46-1001-4-119	18	35
46-1001-4-120	18	33
46-1001-4-129	18	9
46-1001-4-129	17	6
46-1001-4-130	18	58
46-1001-4-130	17	30
46-1001-4-143	17	47
46-1001-4-144	18	68
46-1001-4-144	17	41
46-1001-4-224	12	43
46-1001-4-225	12	44
46-1001-4-244	48	2-1
46-1001-4-244	16	20
46-1001-4-300	15	55
46-1001-4-301	15	58
46-1001-4-302	15	54
46-1001-4-356	35	9
46-1001-4-356	38	42
46-1001-4-401	35	24
46-1001-4-401	37	15
46-1001-4-401	38	50
46-1001-4-402	47	27
46-1001-4-402	35	38
46-1001-4-402	18	16
46-1001-4-402	16	36
46-1001-4-402	27	18
46-1001-4-402	28	18
46-1001-4-408	13	13
46-1001-4-409	13	12
46-1001-4-411	13	23
46-1001-4-413	12	48
46-1001-4-418	24	8
46-1001-4-421	24	12
46-1001-4-423	13	25
46-1001-4-424	13	22
46-1001-4-425	13	17
46-1001-4-426	16	46-1
46-1001-4-427	16	46-2
46-1001-4-430	12	30
46-1001-4-481	16	1
46-1001-4-482	16	10
46-1001-4-483	16	13-1
46-1001-4-489	16	46-3
46-1001-4-501	16	58
46-1001-4-502	16	66
46-1001-4-503	16	63-1
46-1001-4-504	16	63-2

Parts No.	Page No.	Det. No.
46-1001-4-505	16	51-1
46-1001-4-506	16	52-1
46-1001-4-507	16	51-2
46-1001-4-508	16	52-2
46-1001-4-510	16	69
46-1001-4-512	15	1
46-1001-4-521	11	36-1
46-1001-4-522	11	36-2
46-1001-4-523	27	9
46-1001-4-523	28	9
46-1001-4-523	11	13
46-1001-4-525	12	2
46-1001-4-528	12	37
46-1001-4-531	40	2
46-1001-4-531	12	34
46-1001-4-532	40	4
46-1001-4-532	12	35
46-1001-4-534	9	24
46-1001-4-535	11	40
46-1001-4-537	11	35-1
46-1001-4-538	11	35-2
46-1001-4-539	12	12
46-1001-4-564	44	26
46-1001-4-566	12	1
46-1001-4-571	21	22
46-1001-4-571	10	8
46-1001-4-571	11	7
46-1001-4-572	21	21
46-1001-4-572	10	9
46-1001-4-572	11	6
46-1001-4-573	16	19
46-1001-4-577	16	18
46-1001-4-579	16	72
46-1001-4-580	35	15
46-1001-4-580	36	64
46-1001-4-580	37	49
46-1001-4-584	14	8
46-1001-4-587	20	18
46-1001-4-588	45	6
46-1001-4-589	48	7
46-1001-4-589	30	9
46-1001-4-589	30	19
46-1001-4-589	20	43-1
46-1001-4-590	48	8
46-1001-4-590	20	2
46-1001-4-592	19	37
46-1001-4-598	19	19
46-1001-4-599	19	18
46-1001-4-606	19	12
46-1001-4-606	19	12

Parts No.	Page No.	Det. No.
46-1001-4-608	20	12
46-1001-4-608	20	12
46-1001-4-609	20	17
46-1001-4-609	20	17
46-1001-4-610	20	8
46-1001-4-610	20	8
46-1001-4-611	20	10
46-1001-4-611	20	10
46-1001-4-613	17	52
46-1001-4-613	17	52
46-1001-4-614	20	7
46-1001-4-614	20	7
46-1001-4-625	19	1
46-1001-4-625	19	1
46-1001-4-645	20	34
46-1001-4-645	20	34
46-1001-4-646	20	34
46-1001-4-646	20	34
46-1001-4-653	19	47
46-1001-4-653	19	47
46-1001-4-654	38	45
46-1001-4-654	19	36
46-1001-4-654	19	36
46-1001-4-655	15	3
46-1001-4-656	14	53
46-1001-4-659	15	46
46-1001-4-661	15	48
46-1001-4-675	15	49
46-1001-4-680	15	51
46-1001-4-680	15	51
46-1001-4-693	18	42
46-1001-4-693	18	42
46-1001-4-704	17	39
46-1001-4-704	17	39
46-1001-4-705	18	67
46-1001-4-705	18	67
46-1001-4-707	18	57
46-1001-4-707	17	29
46-1001-4-707	18	57
46-1001-4-707	17	29
46-1001-4-709	17	18
46-1001-4-709	17	18
46-1001-4-711	17	13
46-1001-4-711	17	13
46-1001-4-716	48	18
46-1001-4-717	15	61
46-1001-4-717	15	61
46-1001-4-718	15	60
46-1001-4-718	15	60
46-1001-4-720	15	9

Parts No.	Page No.	Det. No.
46-1001-4-722	22	20
46-1001-4-722	22	20
46-1001-4-723	22	31
46-1001-4-724	36	76
46-1001-4-724	37	43
46-1001-4-724	38	67
46-1001-4-725	22	4
46-1001-4-725	22	4
46-1001-4-728	14	1
46-1001-4-737	15	17
46-1001-4-738	15	11
46-1001-4-744	25	16
46-1001-4-745	25	7
46-1001-4-747	15	14
46-1001-4-753	22	50
46-1001-4-756	22	36
46-1001-4-757	22	34
46-1001-4-758	35	7
46-1001-4-758	37	13
46-1001-4-758	22	14
46-1001-4-758	22	14
46-1001-4-759	22	35
46-1001-4-760	22	37
46-1001-4-761	22	38
46-1001-4-763	22	3
46-1001-4-763	22	3
46-1001-4-767	22	1
46-1001-4-767	22	1
46-1001-4-769	22	18
46-1001-4-769	22	18
46-1001-4-770	14	51
46-1001-4-780	14	32
46-1001-4-780	18	24
46-1001-4-780	18	24
46-1001-4-797	24	15-1
46-1001-4-798	24	15-2
46-1001-4-800	48	33
46-1001-4-801	48	30-3
46-1001-4-802	48	30-7
46-1001-4-803	48	32-1
46-1001-4-804	48	32-2
46-1001-4-805	48	34
46-1001-4-806	48	31
46-1001-4-807	48	35
46-1001-4-809	36	75
46-1001-4-809	37	46
46-1001-4-809	38	66
46-1001-4-817	17	43
46-1001-4-817	17	43
46-1001-4-836	31	8

Parts No.	Page No.	Det. No.
46-1001-4-836	33	8
46-1001-4-840	33	20
46-1001-4-840	16	9
46-1001-4-840	16	9
46-1001-4-840	31	20
46-1001-4-842	17	45
46-1001-4-842	17	45
46-1001-4-848	44	19
46-1001-4-849	44	20
46-1001-4-850	38	58
46-1001-4-856	38	6
46-1001-4-858	38	2
46-1001-4-861	38	47
46-1001-4-863	38	13
46-1001-4-864	38	24
46-1001-4-865	38	16
46-1001-4-866	38	15
46-1001-4-867	38	12
46-1001-4-868	38	29
46-1001-4-869	38	17
46-1001-4-870	38	22
46-1001-4-871	35	11
46-1001-4-871	38	44
46-1001-4-872	38	57
46-1001-4-873	38	60
46-1001-4-874	38	10
46-1001-4-875	38	63
46-1001-4-876	38	27
46-1001-4-877	38	39
46-1001-4-878	38	61
46-1001-4-881	37	25
46-1001-4-883	37	24
46-1001-4-884	35	34
46-1001-4-884	37	12
46-1001-4-885	36	56
46-1001-4-885	37	4
46-1001-4-887	36	63
46-1001-4-887	37	2
46-1001-4-889	37	6
46-1001-4-890	37	37
46-1001-4-891	37	33
46-1001-4-899	17	17
46-1001-4-899	17	17
46-1001-4-903	22	27
46-1001-4-914	38	64
46-1001-4-917	22	30
46-1001-4-918	22	12
46-1001-4-918	22	12
46-1001-4-919	22	19
46-1001-4-919	22	19

Parts No.	Page No.	Det. No.
46-1001-4-920	22	25
46-1001-4-920	22	25
46-1001-4-920	22	25
46-1001-4-921	22	21
46-1001-4-921	22	21
46-1001-4-924	14	25
46-1001-4-925	14	26
46-1001-4-928	38	4
46-1001-4-929	38	5
46-1001-4-935	39	3
46-1001-4-936	39	6
46-1001-4-937	39	8
46-1001-4-938	39	4
46-1001-4-942	35	25
46-1001-4-942	36	68
46-1001-4-942	37	40
46-1001-4-944	37	36
46-1001-4-946	35	14
46-1001-4-946	37	11
46-1001-4-947	39	1
46-1001-4-971	12	25
46-1001-4-977	14	44
46-1001-4-979	7	8
46-1001-4-998	44	25
46-1001-5-000	1	4
46-1001-5-003	1	13
46-1001-5-014	7	38
46-1001-5-015	7	37
46-1001-5-016	7	17
46-1001-5-020	1	15
46-1001-5-021	1	18
46-1001-5-022	1	19
46-1001-5-023	1	20
46-1001-5-025	2	48
46-1001-5-027	2	12
46-1001-5-028	2	11
46-1001-5-029	2	14
46-1001-5-030	2	15
46-1001-5-030	41	7
46-1001-5-033	2	4
46-1001-5-034	2	7
46-1001-5-037	2	23
46-1001-5-038	2	22
46-1001-5-039	2	19
46-1001-5-040	2	25
46-1001-5-041	2	18
46-1001-5-043	5	28
46-1001-5-046	2	34
46-1001-5-047	2	35

Parts No.	Page No.	Det. No.
46-1001-5-054	1	11
46-1001-5-056	3	10
46-1001-5-059	3	1
46-1001-5-060	3	2
46-1001-5-061	3	3
46-1001-5-062	3	5
46-1001-5-063	3	7
46-1001-5-064	3	11
46-1001-5-065	3	8
46-1001-5-068	3	36
46-1001-5-069	3	35
46-1001-5-070	3	31
46-1001-5-071	3	32
46-1001-5-071	41	13
46-1001-5-072	3	39
46-1001-5-073	5	45
46-1001-5-073	3	40
46-1001-5-073	41	18
46-1001-5-074	3	42
46-1001-5-075	3	27
46-1001-5-076	3	29
46-1001-5-078	3	24
46-1001-5-081	3	43
46-1001-5-081	48	19
46-1001-5-084	3	20
46-1001-5-084	41	34
46-1001-5-086	41	31
46-1001-5-088	3	21
46-1001-5-088	41	36
46-1001-5-089	5	4
46-1001-5-090	5	9
46-1001-5-091	5	7
46-1001-5-092	5	6
46-1001-5-093	5	18
46-1001-5-094	5	13
46-1001-5-095	5	50
46-1001-5-097	5	2
46-1001-5-098	5	53
46-1001-5-099	5	48
46-1001-5-100	5	64
46-1001-5-101	5	51
46-1001-5-105	5	67
46-1001-5-106	5	71
46-1001-5-107	5	70
46-1001-5-108	5	49
46-1001-5-109	2	29
46-1001-5-151	48	22
46-1001-5-152	48	24
46-1001-5-153	48	25
46-1001-5-154	48	15

Parts No.	Page No.	Det. No.
46-1001-5-156	6	34
46-1001-5-157	6	17
46-1001-5-158	6	18
46-1001-5-159	6	24
46-1001-5-160	6	29
46-1001-5-161	6	28
46-1001-5-162	6	27
46-1001-5-163	6	30
46-1001-5-164	6	21
46-1001-5-166	6	14
46-1001-5-167	6	13
46-1001-5-168	6	5
46-1001-5-169	6	3
46-1001-5-170	6	2
46-1001-5-171	6	4
46-1001-5-172	6	10
46-1001-5-173	6	6
46-1001-5-174	6	1
46-1001-5-175	6	38
46-1001-5-176	48	17
46-1001-5-177	48	29
46-1001-5-179	48	27
46-1001-5-180	48	26
46-1001-5-181	6	35
46-1001-5-182	6	37
46-1001-5-184	2	46
46-1001-5-200	11	36-3
46-1001-5-201	16	63-3
46-1001-5-202	11	35-3
46-1001-5-220	14	37
46-1001-5-221	14	42
46-1001-5-222	15	29
46-1001-5-223	15	32
46-1001-5-226	22	52
46-1001-5-228	14	13
46-1001-5-237	17	27
46-1001-5-238	18	55
46-1001-5-240	18	63
46-1001-5-240	17	35
46-1001-5-242	18	65
46-1001-5-242	17	37
46-1001-5-243	18	64
46-1001-5-243	17	36
46-1001-5-244	19	34
46-1001-5-246	18	56
46-1001-5-246	17	28
46-1001-5-254	16	46-4
46-1001-5-255	16	46-5
46-1001-5-256	16	46-6
46-1001-5-257	17	46

Parts No.	Page No.	Det. No.
46-1001-5-289	48	
46-1001-5-292	48	
46-1001-5-293	11	3
46-1001-5-294	11	3
46-1001-5-295	11	3
46-1001-5-296	11	3
46-1001-5-297	11	3
46-1001-5-298	11	3
46-1001-5-299	16	6
46-1001-5-300	16	6
46-1001-5-301	16	6
46-1001-5-302	16	1
46-1001-5-414	7	
46-1001-5-415	7	1
46-1001-5-416	7	1
46-1001-5-418	7	1
46-1001-5-419	7	2
46-1001-5-422	7	2
46-1001-5-423	7	1
46-1001-5-424	7	1
46-1001-5-425	7	2
46-1001-5-427	7	4
46-1001-5-434	48	3
46-1001-5-435	48	3
46-1001-5-436	48	3
46-1001-5-437	48	3
46-1001-5-438	48	3
46-1001-5-439	48	3
46-1001-5-443	12	2
46-1001-5-472	20	6
46-1001-5-475	14	3
46-1002-2-837	24	1
46-1002-3-381	29	2
46-1003-2-719	22	4
46-1003-2-719	37	2
46-1003-2-719	38	5
46-1003-2-719	35	3
46-1003-5-767	39	1
46-1003-6-133	38	4
46-1003-7-919	48	2
46-1007-7-286	21	1
46-1007-7-296	27	1
46-1007-7-296	28	1

Parts No.	Page No.	Det. No.
48-1006-3-612	31	39
48-1006-3-612	33	39
48-1008-1-721	27	53
48-1008-1-721	28	54
48-1009-3-864	27	32
48-1009-3-864	28	33
48-1009-3-864	29	7
48-1009-3-864	29	17
48-1009-3-864	32	7
48-1009-3-864	34	6
48-1011-0-002	16	45
48-1011-0-017	22	47
48-1011-0-030	20	47
48-1011-0-030	30	7
48-1011-0-030	42	16
48-1011-0-101	27	48
48-1011-0-101	28	49
48-1012-0-001	13	2
48-1012-0-001	11	10
48-1012-0-011	10	3
48-1012-0-024	40	15
48-1012-0-026	20	30
48-1012-0-027	22	41
48-1012-0-027	25	24
48-1012-0-027	28	30
48-1012-0-032	35	37
48-1012-0-038	19	53
48-1013-0-007	27	41
48-1013-0-007	28	42
48-1013-0-007	29	9
48-1013-0-007	29	21
48-1013-0-007	32	12
48-1013-0-007	34	11
48-1013-0-007	47	18
48-1015-0-003	11	54
48-1018-0-023	20	3
48-1019-0-006	31	9
48-1019-0-006	33	9
48-1019-0-026	17	48
48-1019-0-042	11	29
48-1019-0-042	20	39

Parts No.	Page No.	Det. No.
48-1026-0-004	13	16
48-1039-0-031	25	32
48-1039-0-032	25	44
48-1039-0-032	30	15
48-1039-0-032	30	25
48-1039-0-033	35	54-5
48-1039-0-034	35	54-6
48-1039-0-039	31	29
48-1039-0-039	33	29
48-1092-0-000	1	5
48-1092-0-001	1	10
48-1092-0-002	2	9
48-1092-0-003	2	17
48-1092-0-004	2	33
48-1092-0-005	2	45
48-1092-0-006	2	43
48-1092-0-007	3	9
48-1092-0-008	3	30
48-1092-0-010	4	2
48-1092-0-011	4	5
48-1092-0-012	4	7
48-1092-0-013	4	10
48-1092-0-015	4	16
48-1092-0-016	4	18
48-1092-0-017	4	21
48-1092-0-018	4	23
48-1092-0-020	5	31
48-1092-0-021	5	20
48-1092-0-022	6	45
48-1093-0-000	3	34
48-1093-0-000	41	15
48-1093-0-001	3	38
48-1093-0-001	41	10
48-1093-0-002	5	44
48-1093-0-003	5	26
48-1093-0-004	5	36
48-1105-0-050	24	24
48-1105-7-016	24	27
48-1105-7-023	24	22
48-1105-7-024	24	21
48-1105-7-025	23	9
48-1105-7-032	23	13-1
48-1105-7-034	23	13-4
48-1105-7-035	23	13-3
48-1105-7-036	23	13-2

Parts No.	Page No.	Det. No.
48-1106-0-003	24	32
48-1106-1-000	24	28
48-1106-4-024	21	30
48-1106-4-039	24	29
48-1106-6-011	23	6
48-1106-6-012	17	20
48-1106-6-013	11	17
48-1106-6-013	27	13
48-1106-6-013	28	13
48-1106-6-013	31	15
48-1106-6-013	33	15
48-1106-6-013	35	50
48-1106-6-013	37	21
48-1106-6-013	38	33
48-1106-6-014	14	28
48-1106-6-014	18	20
48-1106-6-014	26	7
48-1106-6-026	13	8
48-1106-6-060	24	26
48-1106-6-065	8	26
48-1106-6-068	47	44
48-1107-0-056	24	37
48-1109-0-035	25	27
48-1109-0-035	30	11
48-1109-0-035	30	21
48-1109-0-035	40	21
48-1109-0-035	46	2
48-1109-0-035	47	2
48-1109-0-037	25	30
48-1109-0-037	30	13
48-1109-0-037	30	23
48-1109-0-040	25	43
48-1109-0-040	30	14
48-1109-0-040	30	24
48-1109-0-041	25	31
48-1109-0-042	25	28
48-1109-0-042	30	12
48-1109-0-042	30	22
48-1109-0-043	30	20
48-1109-0-045	25	42
48-1109-0-045	30	10
48-1109-0-065	25	29
48-1109-0-081	25	26
48-1109-0-082	25	40
48-1109-0-089	22	40

Parts No.	Page No.	Det. No.
46-1007-7-296	47	28
46-1007-7-296	35	42
46-1009-9-051	48	16
46-1009-9-134	48	21
46-1009-9-135	48	28
46-1009-9-136	48	14
46-1009-9-137	48	13
46-1009-9-138	48	12
46-1009-9-139	48	11
46-1009-9-140	48	10
46-1011-0-067	19	9
46-1016-0-000	20	9
46-1016-0-000	16	17
46-1016-0-000	27	50
46-1016-0-000	28	51
46-1016-0-001	20	26
46-1016-0-001	16	67
46-1016-0-001	38	18
46-1109-1-007	35	29
46-1109-1-017	8	22
46-1109-1-060	16	22
46-1109-1-077	37	18
46-1109-1-078	37	29
46-1109-1-078	35	45
46-1109-1-079	38	54
46-1109-8-007	37	20
46-1109-8-007	38	56
46-1109-8-007	35	51
46-1125-5-078	14	23
46-1125-5-092	22	45
46-1125-5-103	11	32
46-1125-5-112	11	44
46-1125-5-113	11	46
46-1125-5-130	22	44
46-1125-5-149	8	3
46-1125-5-153	8	21
46-1125-5-155	8	7
46-1125-5-156	8	11
46-1125-5-157	8	10
46-1125-5-158	8	9
46-1125-5-164	7	47
46-1125-5-166	16	60
46-1125-5-168	8	2
46-1125-5-169	8	13
46-1125-5-174	31	44

Parts No.	Page No.	Det. No.
46-1125-5-174	33	44
46-1125-5-303	18	53
46-1125-5-303	17	25
46-1125-5-323	8	17
46-1125-5-324	22	46
46-1125-5-327	29	4
46-1125-5-372	9	14
46-1125-5-386	18	1
46-1125-5-577	7	3
46-1125-5-578	7	2
46-1125-5-579	18	19
46-1125-5-696	16	13-3
46-1125-5-703	36	55
46-1125-5-703	37	10
46-1125-5-747	20	48
48-1000-0-032	17	32
48-1000-0-032	18	60
48-1000-0-032	44	4
48-1000-0-488	11	53
48-1000-0-553	20	51
48-1000-0-605	15	43
48-1000-0-605	31	47
48-1000-0-605	33	47
48-1000-1-132	12	19
48-1000-1-202	31	19
48-1000-1-202	33	19
48-1000-1-459	31	49
48-1000-1-459	33	49
48-1000-3-638	27	26
48-1000-3-638	28	26
48-1000-3-638	47	29
48-1000-3-657	11	55
48-1000-4-246	44	6
48-1000-5-550	27	17
48-1000-5-550	28	17
48-1000-5-612	14	6
48-1000-5-650	44	9
48-1000-7-626	26	21
48-1000-8-269	41	4
48-1000-8-272	41	6
48-1000-9-781	17	31
48-1000-9-781	18	59

Parts No.	Page No.	Det. No.
48-1000-9-903	9	23
48-1000-9-903	27	44
48-1000-9-903	28	45
48-1000-9-925	47	11
48-1001-0-327	31	43
48-1001-0-327	33	43
48-1001-0-659	26	2
48-1001-0-943	47	10
48-1001-0-944	47	10
48-1001-0-945	47	10
48-1001-3-244	46	17
48-1001-3-244	47	13
48-1001-3-353	46	16
48-1001-3-353	47	14
48-1001-3-356	46	15
48-1001-3-356	47	12
48-1002-0-376	31	18
48-1002-0-376	33	18
48-1003-0-228	27	25
48-1003-0-228	28	25
48-1003-0-228	31	34
48-1003-0-228	33	34
48-1003-2-820	47	36
48-1003-2-848	27	23
48-1003-2-848	28	23
48-1003-2-848	31	31
48-1003-2-848	33	31
48-1003-2-849	27	24
48-1003-2-849	28	24
48-1003-2-849	31	32
48-1003-2-849	33	32
48-1003-3-104	27	16
48-1003-3-104	28	16
48-1003-3-939	48	6
48-1003-4-293	26	25
48-1003-4-293	31	52
48-1003-4-293	33	52
48-1003-4-505	31	48
48-1003-4-505	33	48
48-1003-6-132	27	45
48-1003-6-132	28	46



Parts No.	Page No.	Det. No.
48-1109-0-095	46	10
48-1109-1-019	10	32
48-1109-1-020	11	16
48-1109-1-020	17	19
48-1109-1-021	26	24
48-1109-1-022	27	12
48-1109-1-022	28	12
48-1109-1-038	16	30
48-1109-1-041	18	25
48-1109-1-044	31	10
48-1109-1-044	33	10
48-1109-1-045	31	14
48-1109-1-045	33	14
48-1109-1-046	20	20
48-1109-1-047	35	40
48-1109-1-076	19	52
48-1109-1-083	40	19
48-1109-1-085	47	25
48-1109-1-102	27	54
48-1109-1-102	28	55
48-1109-4-015	26	30
48-1109-4-016	26	29
48-1109-4-021	46	14
48-1109-5-001	8	23
48-1109-5-002	31	45
48-1109-5-002	33	45
48-1109-8-006	31	16
48-1109-8-006	33	16
48-1109-8-008	8	27
48-1120-0-063	12	46-1
48-1120-0-064	12	46-2
48-1120-0-065	26	11
48-1120-0-066	24	18
48-1120-0-072	15	16
48-1120-0-073	7	46
48-1120-0-074	15	15
48-1120-0-075	8	25
48-1120-0-081	23	15
48-1120-0-082	24	19
48-1120-0-083	12	47
48-1125-5-148	8	16
48-1125-5-213	9	9
48-1125-5-214	9	15
48-1125-5-216	9	11

Parts No.	Page No.	Det. No.
48-1125-5-218	9	18
48-1125-5-219	9	5
48-1125-5-220	10	23
48-1125-5-222	11	21
48-1125-5-224	10	20
48-1125-5-225	11	25
48-1125-5-226	11	26
48-1125-5-228	10	2
48-1125-5-230	10	1
48-1125-5-231	10	7
48-1125-5-232	10	10
48-1125-5-234	10	18
48-1125-5-236	10	19
48-1125-5-239	11	9
48-1125-5-240	26	3
48-1125-5-241	10	21
48-1125-5-242	10	16
48-1125-5-243	11	24
48-1125-5-244	11	8
48-1125-5-245	10	6
48-1125-5-246	10	22
48-1125-5-247	11	20
48-1125-5-248	11	22
48-1125-5-249	26	16
48-1125-5-251	26	19
48-1125-5-253	26	17
48-1125-5-255	26	20
48-1125-5-256	26	18
48-1125-5-281	9	26
48-1125-5-282	27	1
48-1125-5-282	28	1
48-1125-5-284	27	20
48-1125-5-285	27	22
48-1125-5-285	28	22
48-1125-5-291	29	14
48-1125-5-291	32	3
48-1125-5-291	34	3
48-1125-5-292	29	16
48-1125-5-292	32	8
48-1125-5-293	29	5
48-1125-5-293	29	18
48-1125-5-293	32	9
48-1125-5-293	34	8
48-1125-5-295	32	16
48-1125-5-295	34	15
48-1125-5-296	30	6-1
48-1125-5-296	32	13
48-1125-5-296	34	12
48-1125-5-296	42	15-1
48-1125-5-296	20	46-1

Parts No.	Page No.	Det. No.
48-1125-5-297	30	6-2
48-1125-5-297	32	14
48-1125-5-297	34	13
48-1125-5-297	42	15-2
48-1125-5-297	20	46-2
48-1125-5-298	32	19
48-1125-5-299	27	42
48-1125-5-299	28	43
48-1125-5-300	27	40
48-1125-5-300	28	41
48-1125-5-301	29	10
48-1125-5-301	29	22
48-1125-5-302	32	20
48-1125-5-310	29	8
48-1125-5-327	27	31
48-1125-5-330	20	24
48-1125-5-331	20	25
48-1125-5-342	19	39-1
48-1125-5-343	19	39-2
48-1125-5-344	19	41
48-1125-5-347	19	44
48-1125-5-348	20	28
48-1125-5-353	48	9-2
48-1125-5-353	20	32-2
48-1125-5-354	19	32
48-1125-5-356	9	30
48-1125-5-357	31	1
48-1125-5-357	33	1
48-1125-5-358	31	26
48-1125-5-359	31	7
48-1125-5-359	33	7
48-1125-5-360	31	27
48-1125-5-360	33	27
48-1125-5-361	31	30
48-1125-5-361	33	30
48-1125-5-362	31	33
48-1125-5-363	31	53
48-1125-5-363	33	53
48-1125-5-364	31	41
48-1125-5-364	33	41
48-1125-5-365	31	46
48-1125-5-365	33	46
48-1125-5-366	31	54
48-1125-5-366	33	54
48-1125-5-367	31	59
48-1125-5-367	33	59
48-1125-5-368	31	50
48-1125-5-368	33	50
48-1125-5-370	9	1
48-1125-5-383	31	25

Parts No.	Page No.	Det. No.
48-1125-5-383	33	25
48-1125-5-384	31	6
48-1125-5-384	33	6
48-1125-5-388	18	5
48-1125-5-390	17	23-1
48-1125-5-390	18	51-1
48-1125-5-391	17	23-2
48-1125-5-391	18	51-2
48-1125-5-392	17	23-3
48-1125-5-392	18	51-3
48-1125-5-393	17	23-4
48-1125-5-393	18	51-4
48-1125-5-394	17	23-5
48-1125-5-394	18	51-5
48-1125-5-395	17	23-6
48-1125-5-395	18	51-6
48-1125-5-403	17	42
48-1125-5-404	17	44
48-1125-5-409	18	32
48-1125-5-410	21	35
48-1125-5-411	21	37
48-1125-5-412	21	18
48-1125-5-413	21	23
48-1125-5-415	21	27
48-1125-5-416	21	16
48-1125-5-419	21	9
48-1125-5-420	17	2
48-1125-5-421	17	1
48-1125-5-422	21	26
48-1125-5-424	21	24
48-1125-5-430	16	14-1
48-1125-5-431	16	15-1
48-1125-5-432	16	16
48-1125-5-433	16	54
48-1125-5-434	16	57
48-1125-5-435	16	40
48-1125-5-443	18	29
48-1125-5-445	14	27
48-1125-5-486	14	14
48-1125-5-497	24	20
48-1125-5-498	24	33
48-1125-5-499	14	22
48-1125-5-500	14	21
48-1125-5-502	14	4
48-1125-5-503	14	5
48-1125-5-505	15	35
48-1125-5-506	15	36
48-1125-5-507	15	39
48-1125-5-508	23	1
48-1125-5-521	23	8

Parts No.	Page No.	Det. No.
48-1125-5-523	14	24
48-1125-5-524	13	14
48-1125-5-528	9	13
48-1125-5-530	9	7
48-1125-5-531	25	23
48-1125-5-532	35	35
48-1125-5-534	35	36
48-1125-5-536	35	13
48-1125-5-537	35	32
48-1125-5-538	35	33
48-1125-5-539	36	65
48-1125-5-540	36	67
48-1125-5-541	35	2
48-1125-5-542	36	57
48-1125-5-543	35	48
48-1125-5-545	28	20
48-1125-5-547	28	32
48-1125-5-548	34	7
48-1125-5-549	33	33
48-1125-5-550	33	26
48-1125-5-551	29	20
48-1125-5-556	26	26
48-1125-5-556	31	51
48-1125-5-556	33	51
48-1125-5-557	27	21
48-1125-5-557	28	21
48-1125-5-565	15	42
48-1125-5-566	23	7-1
48-1125-5-567	23	7-2
48-1125-5-568	23	7-3
48-1125-5-569	23	7-4
48-1125-5-580	41	22
48-1125-5-594	16	49
48-1125-5-596	48	9-1
48-1125-5-596	20	32-1
48-1125-5-597	27	3
48-1125-5-597	28	3
48-1125-5-600	16	14-2
48-1125-5-601	16	15-2
48-1125-5-618	14	18
48-1125-5-619	14	19
48-1125-5-620	14	20
48-1125-5-624	9	21
48-1125-5-625	9	22
48-1125-5-626	7	1
48-1125-5-627	8	1
48-1125-5-701	35	1
48-1125-5-704	25	18
48-1125-5-705	3	23
48-1125-5-715	16	23

Parts No.	Page No.	Det. No.
48-1125-5-716	16	39
48-1125-5-717	16	38
48-1125-5-718	16	12
48-1125-5-721	16	43
48-1125-5-721	48	1
48-1125-5-722	16	42
48-1125-5-723	11	42-2
48-1125-5-724	11	43-2
48-1125-5-729	20	31-1
48-1125-5-730	20	31-2
48-1125-5-731	20	1-1
48-1125-5-732	20	1-2
48-1125-5-737	19	14
48-1125-5-738	19	50
48-1125-5-739	19	45
48-1125-5-740	20	27
48-1125-5-741	20	53
48-1125-5-742	19	54
48-1125-5-743	20	42-1
48-1125-5-743	30	8-1
48-1125-5-743	30	18-1
48-1125-5-744	20	42-2
48-1125-5-744	30	8-2
48-1125-5-744	30	18-2
48-1125-5-746	20	52
48-1125-5-746	30	1
48-1125-5-746	42	8
48-1125-5-747	42	12
48-1125-5-748	20	44
48-1125-5-748	30	4
48-1125-5-796	10	24
48-1125-5-797	27	30
48-1125-5-797	28	31
48-1125-5-798	29	1
48-1125-5-798	34	1
48-1125-5-800	29	11
48-1125-5-800	32	1
48-1125-5-802	29	15
48-1125-5-802	34	5
48-1125-5-819	30	16
48-1125-5-821	22	39
48-1125-5-829	10	30
48-1125-5-836	12	23
48-1125-5-838	13	7
48-1125-5-849	18	34
48-1125-5-850	18	41
48-1125-5-851	18	45
48-1125-5-852	14	12
48-1125-5-853	18	14
48-1125-5-854	14	15

Parts No.	Page No.	Det. No.
48-1125-5-855	11	42-1
48-1125-5-856	11	43-1
48-1125-5-861	13	1
48-1125-5-862	13	5
48-1125-5-880	40	16
48-1125-5-881	40	14
48-1125-5-882	40	5
48-1125-5-883	40	18
48-1125-5-884	40	1
48-1125-5-885	15	68
48-1125-5-887	45	7-1
48-1125-5-888	45	7-2
48-1125-5-889	45	7-3
48-1125-5-890	45	7-4
48-1125-5-891	44	3
48-1125-5-892	44	2
48-1125-5-893	44	5
48-1125-5-894	44	8
48-1125-5-895	44	12
48-1125-5-896	44	7
48-1125-5-897	20	29
48-1125-5-898	38	1
48-1125-5-900	45	2-1
48-1125-5-901	45	8-1
48-1125-5-902	45	8-2
48-1125-5-903	45	8-3
48-1125-5-904	45	8-4
48-1125-5-905	45	1-1
48-1125-5-906	45	1-2
48-1125-5-907	45	1-3
48-1125-5-908	45	1-4
48-1125-5-909	32	11
48-1125-5-909	34	10
48-1125-5-930	15	26-1
48-1125-5-931	15	25-1
48-1125-5-932	15	26-2
48-1125-5-933	15	25-2
48-1125-5-934	15	26-3
48-1125-5-935	15	25-3
48-1125-5-936	15	26-4
48-1125-5-937	15	25-4
48-1125-5-940	45	2-2
48-1125-5-960	20	43-2
48-1125-5-961	20	43-3
48-1125-5-962	32	5
48-1125-5-963	32	6
48-1125-5-965	47	22
48-1125-5-966	47	19
48-1125-5-967	47	16
48-1125-5-968	47	35

Parts No.	Page No.	Det. No.
48-1125-5-969	47	17
48-1125-5-970	47	33
48-1125-5-971	47	31
48-1125-5-972	47	30
48-1125-5-973	47	34
48-1125-5-974	47	38
48-1125-5-975	46	5
48-1125-5-975	47	5
48-1125-5-979	46	1-1
48-1125-5-982	15	72
48-1125-5-983	15	71
48-1125-5-985	37	1
48-1125-5-986	41	1
48-1125-5-987	41	24
48-1125-5-989	46	3-1
48-1125-5-989	47	3-1
48-1125-5-990	46	4-1
48-1125-5-990	47	4-1
48-1125-5-991	46	3-2
48-1125-5-991	47	3-2
48-1125-5-992	46	4-2
48-1125-5-992	47	4-2
48-1125-5-993	46	3-3
48-1125-5-993	47	3-3
48-1125-5-994	46	4-3
48-1125-5-994	47	4-3
48-1125-5-995	46	3-4
48-1125-5-995	47	3-4
48-1125-5-996	46	4-4
48-1125-5-996	47	4-4
48-1125-5-997	44	1
48-1125-5-998	47	15
48-1125-5-999	46	20
48-1125-5-999	47	45
48-1125-6-000	42	4-1
48-1125-6-000	43	4-1
48-1125-6-001	42	4-2
48-1125-6-001	43	4-2
48-1125-6-002	42	5
48-1125-6-002	43	5
48-1125-6-003	42	7
48-1125-6-003	43	7
48-1125-6-004	42	6-1
48-1125-6-004	43	6-1
48-1125-6-005	42	6-2
48-1125-6-005	43	6-2
48-1125-6-008	42	13
48-1125-6-009	42	17-1
48-1125-6-009	43	10-1
48-1125-6-010	42	17-2

Parts No.	Page No.	Det. No.
48-1125-6-010	43	11
48-1125-6-011	42	11
48-1125-6-011	43	11
48-1125-6-012	42	11
48-1125-6-015	43	11
48-1125-6-016	43	11
48-1125-6-020	46	11
48-1125-6-024	46	11
48-1125-6-028	46	11
48-1125-6-029	42	11
48-1125-6-029	43	11
48-1125-6-030	42	2
48-1125-6-030	43	2
48-1125-6-031	42	1
48-1125-6-031	43	1
48-1125-6-032	42	2
48-1125-6-032	43	2
48-1125-6-033	42	1
48-1125-6-033	43	1
48-1125-6-034	42	2
48-1125-6-034	43	2
48-1125-6-035	42	1
48-1125-6-035	43	1
48-1125-6-036	42	2
48-1125-6-036	43	2
48-1125-6-040	7	9
48-1125-6-113	15	67
48-1125-6-140	27	33
48-1125-6-140	28	34
48-1125-6-141	27	35
48-1125-6-141	28	36
48-1125-6-142	27	43
48-1125-6-142	28	44
48-1125-6-143	27	46
48-1125-6-143	28	47
48-1125-6-146	27	47
48-1125-6-146	28	48
48-1125-6-147	27	49
48-1125-6-147	28	50
48-1125-6-148	27	38
48-1125-6-148	28	39
48-1125-6-149	27	39
48-1125-6-149	28	40
48-1410-0-149	31	21
48-1410-0-149	33	21
48-1900-0-001	13	15
48-1900-0-002	13	15
48-1900-0-003	13	15

Parts No.	Page No.	Det. No.
48-1900-0-004	13	15-4
48-1900-0-005	13	15-5
48-1900-0-006	13	15-6
48-1900-0-030	1	1
48-1900-0-031	41	2
48-1900-0-032	1	6
48-1900-0-033	1	9
48-1900-0-034	2	1
48-1900-0-035	2	2
48-1900-0-036	2	8
48-1900-0-037	41	3
48-1900-0-038	41	5
48-1900-0-039	2	16
48-1900-0-040	2	26
48-1900-0-041	2	27
48-1900-0-042	2	28
48-1900-0-043	2	31
48-1900-0-044	2	32
48-1900-0-045	2	36
48-1900-0-046	2	38
48-1900-0-047	2	39
48-1900-0-048	2	40
48-1900-0-049	2	49
48-1900-0-050	2	44
48-1900-0-051	2	41
48-1900-0-052	2	42
48-1900-0-053	3	14
48-1900-0-054	3	15
48-1900-0-055	3	18
48-1900-0-056	41	32
48-1900-0-057	41	20
48-1900-0-058	41	28
48-1900-0-060	41	25
48-1900-0-061	41	12
48-1900-0-062	41	11
48-1900-0-063	41	17
48-1900-0-064	41	8
48-1900-0-066	41	35
48-1900-0-067	4	1
48-1900-0-069	4	3
48-1900-0-070	4	4
48-1900-0-071	4	6
48-1900-0-072	4	8
48-1900-0-073	4	9
48-1900-0-074	4	11
48-1900-0-075	4	12
48-1900-0-076	4	13
48-1900-0-077	4	14
48-1900-0-078	4	15
48-1900-0-079	4	17

Parts No.	Page No.	Det. No.
48-1900-0-080	4	19
48-1900-0-081	4	20
48-1900-0-082	4	22
48-1900-0-086	5	1
48-1900-0-087	5	56
48-1900-0-088	5	61
48-1900-0-088	41	30
48-1900-0-089	5	30
48-1900-0-090	5	33
48-1900-0-091	5	43
48-1900-0-092	5	42
48-1900-0-093	5	25
48-1900-0-094	41	23
48-1900-0-095	5	19
48-1900-0-096	5	23
48-1900-0-097	5	11
48-1900-0-098	5	12
48-1900-0-099	5	27
48-1900-0-101	5	29
48-1900-0-102	5	37
48-1901-5-083	41	33
48-1960-1-005	15	19