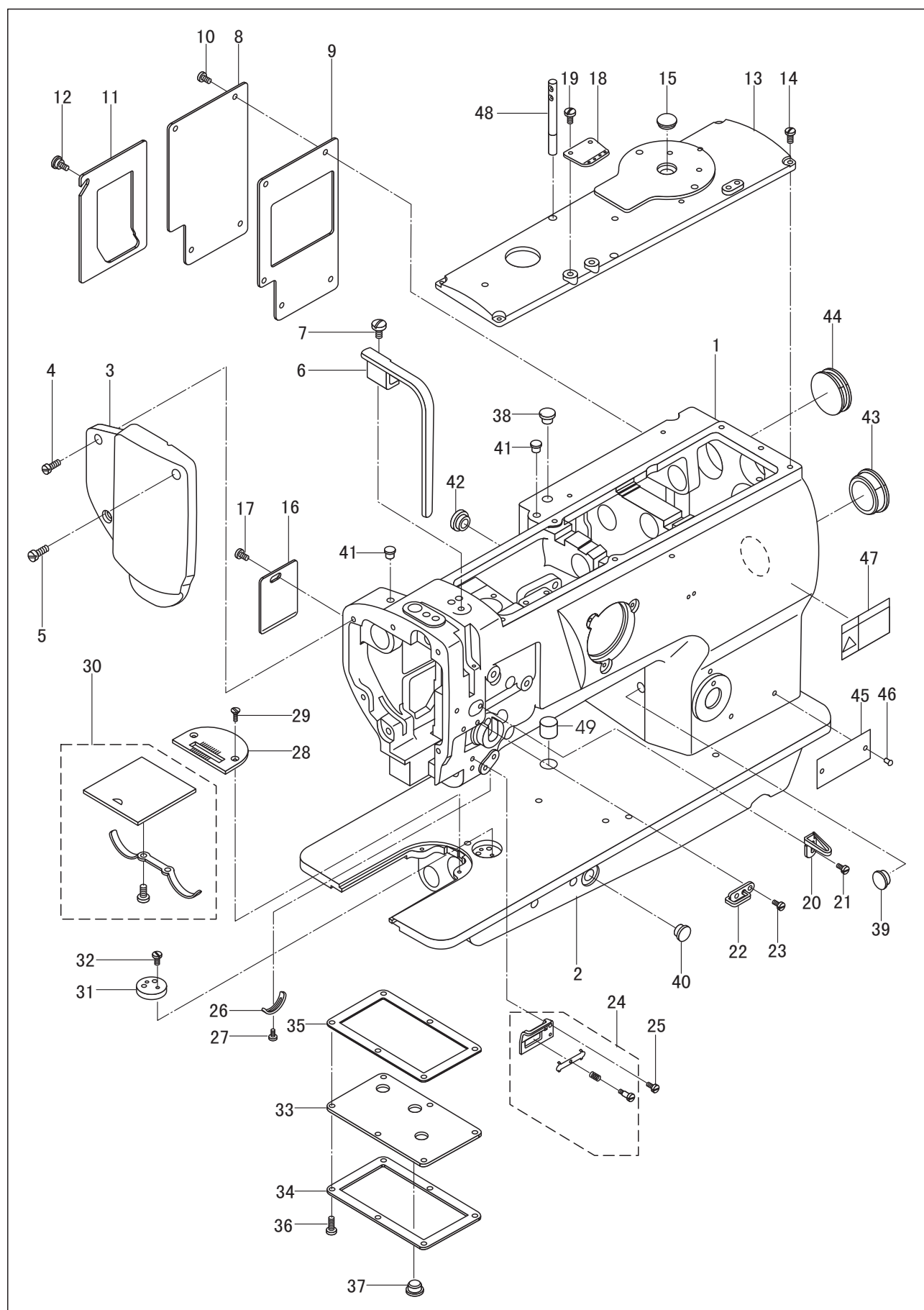


Parts Manual

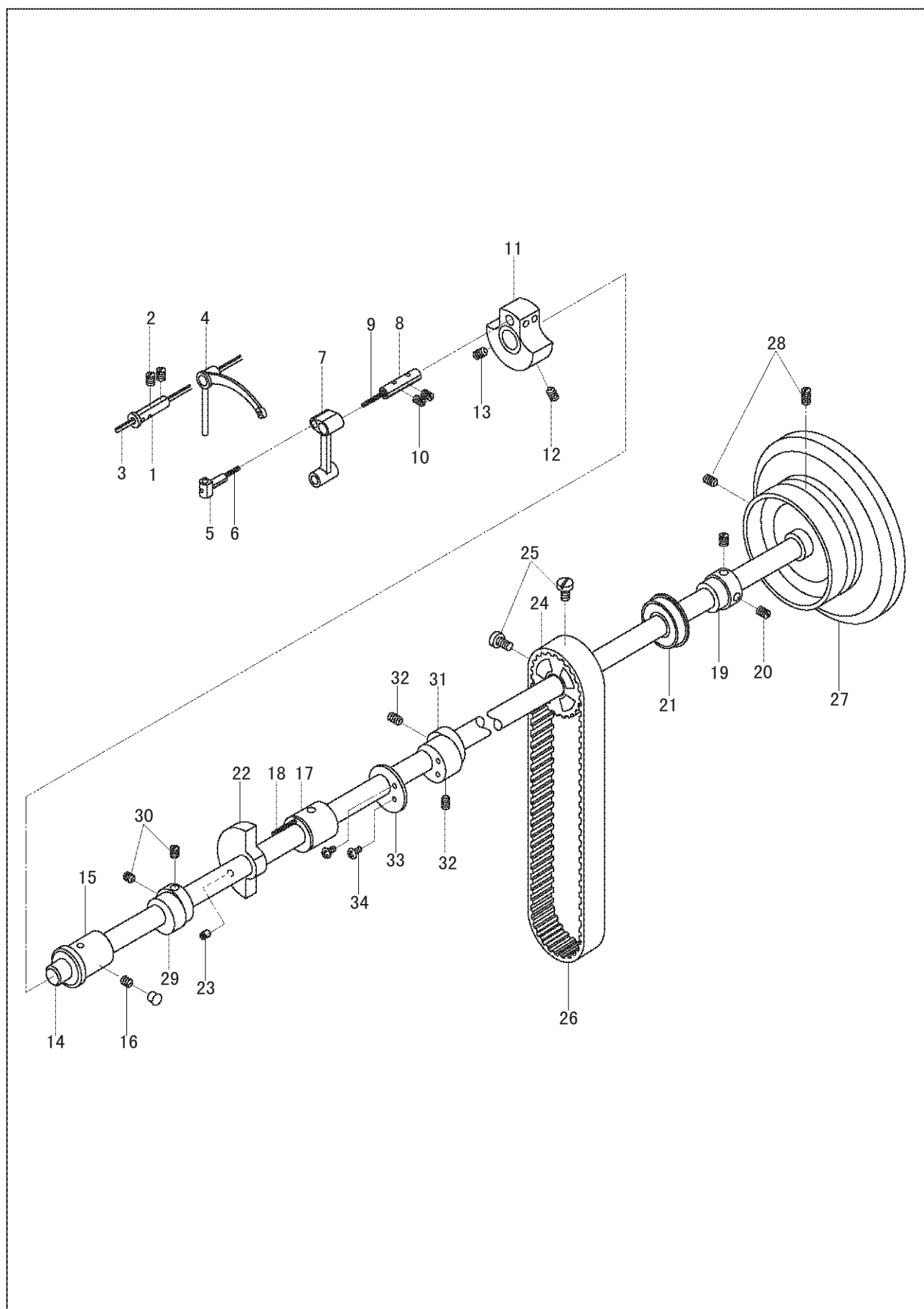
1. Arm and bed



1. Arm and bed

Line	Part Number	Description	Qt.	Notes
1	400-1001	Arm	1	
2	400-1002	Bed	1	
3	400-1003	Face plate assembly	1	
4	200-1301	Screw (1)	2	SM11/64"X40
5	400-1004	Screw (2)	1	SM15/64"X28
6	400-1005	Safe guard	1	
7	400-1006	Screw	1	SM15/64"X28
8	400-1007	Side cover (1)	1	
9	400-1008	Seal spacer	1	
10	200-1019	Screw	5	SM11/64"X40
11	400-1009	Side cover (2)	1	
12	400-1010	Screw	1	SM11/64X40
13	400-1011	Upper cover	1	
14	200-1019	Screw	6	SM11/64"X40
15	400-1012	Rubber plug	1	
16	400-1013	Small cover	1	
17	200-1019	Screw	1	SM11/64"X40
18	400-1014	Upper thread guide plate	1	
19	400-1015	Screw	2	SM3/16"X32
20	400-1016	Upper thread guide	1	
21	400-1017	Screw	1	SM9/64"X40
22	400-1018	Middle thread guide	1	
23	200-1030	Screw	2	SM9/64"X40
24	400-1019	Lower thread guide assembly	1	
25	200-1030	Screw	1	SM9/64"X40
26	400-1020	Position plate	1	
27	200-1077	Screw	1	SM9/64"X40
28	100-1043	Needle plate	1	
29	400-1021	Screw	2	SM11/64"X40
30	400-1022	Slide plate assembly	1	
31	400-1023	Clamp holder	1	
32	100-1129	Screw	2	SM11/64"X40
33	400-1024	Oil screen	1	
34	400-1025	Presser plate	1	
35	400-1026	Seal spacer	1	
36	400-1027	Screw	6	SM11/64X40
37	400-1028	Rubber plug	3	
38	400-1028	Rubber plug	1	
39	400-1028	Rubber plug	1	
40	400-1028	Rubber plug	1	
41	400-1029	Rubber plug	2	
42	400-1030	Rubber plug	1	
43	400-1031	Rubber plug	1	
44	400-1032	Rubber plug	1	
45	400-1033	Model label	1	
46	400-1034	Rivet	2	GB827 2X5
47	400-1035	Safety caution label	1	
48	400-1036	Upper thread guide bar	1	
49	400-1037	plug	/	

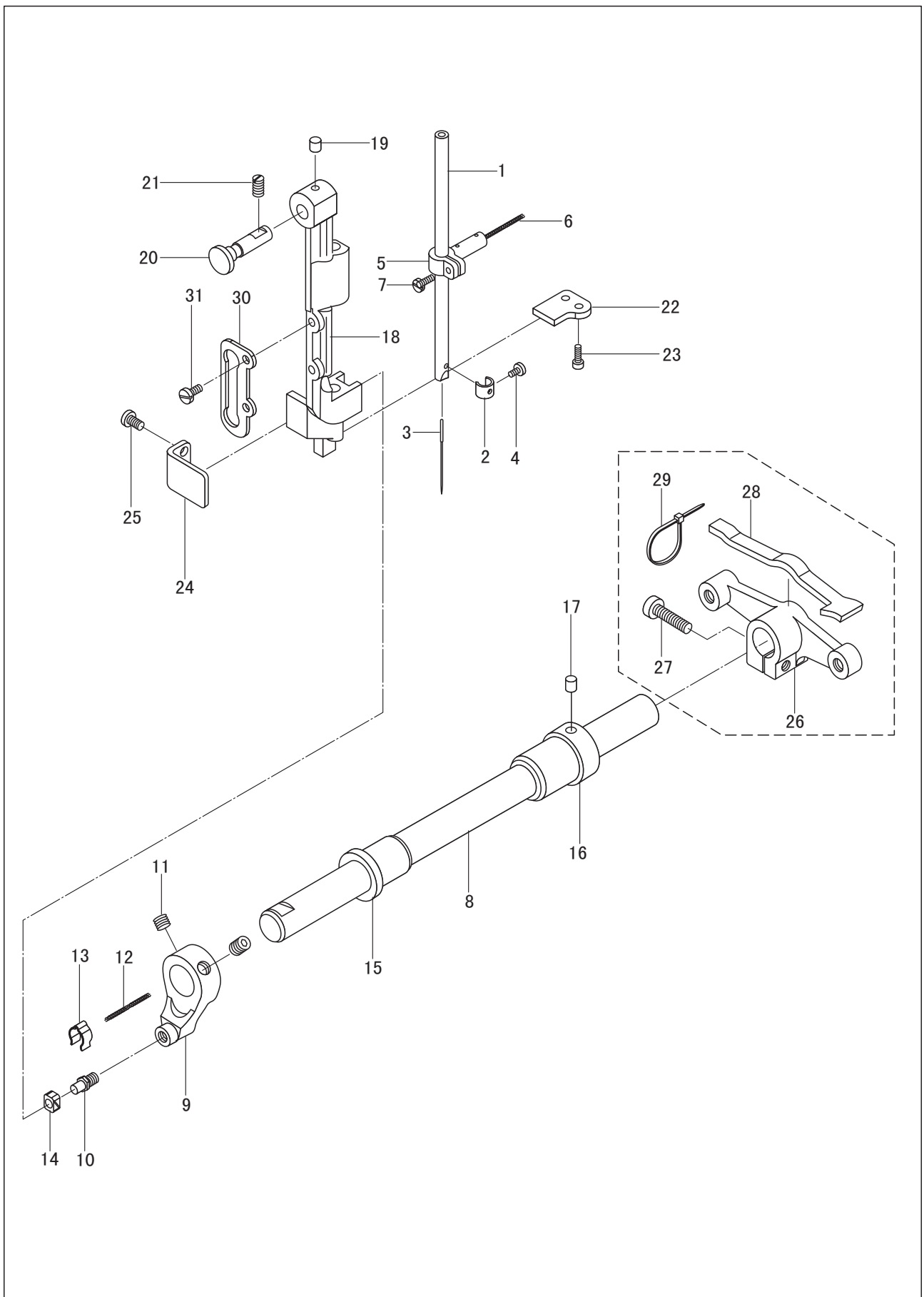
2. Upper shaft and thread take-up mechanism



2. Upper shaft and thread take-up mechanism

Line	Part Number	Description	Qt.	Notes
1	400-1038	Thread take-up lever pin shaft	1	103530
2	100-1049	Screw	2	SM15/64"X28
3	400-1039	Oil wick	1	φ2.5X155
4	400-1040	Thread take-up lever	1	
5	400-1041	Slide block	1	
6	400-1042	Oil wick	1	
7	400-1043	Needle bar link	1	
8	400-1044	Needle bar crank pin	1	
9	400-1045	Oil wick	1	
10	100-1049	Screw	2	SM15/64"X28
11	400-1046	Needle bar crank	1	
12	100-1071	Screw	1	SM9/32"X28
13	400-1047	Screw	1	SM9/32"X28
14	400-1048	Upper shaft	1	
15	400-1049	Upper shaft front bushing	1	
16	100-1049	Screw	1	SM15/64"X28
17	400-1050	Upper shaft middle bushing	1	
18	400-1051	Oil wick	1	φ2x120
19	400-1052	Bearing bushing	1	
20	400-1053	Screw	2	
21	400-1054	Upper bearing	1	6005-2ZNR
22	400-1055	Balance shock	1	
23	400-1056	Screw	2	SM15/64"X28
24	400-1057	Synchronized pulley assembly	1	
25	400-1058	Screw	2	SM1/4"X40
26	400-1059	Synchronized belt	1	540-8YU-15
27	400-1060	Hand wheel	1	
28	100-1049	Screw	2	SM15/64"X28
29	400-1061	Lift eccentric cam	1	
30	200-1109	Screw	2	SM1/4"X40
31	400-1062	Feed eccentric cam	1	
32	200-1109	Screw	2	SM1/4"X40
33	400-1063	Retaining block	1	
34	400-1064	Screw	2	SM11/64"X40

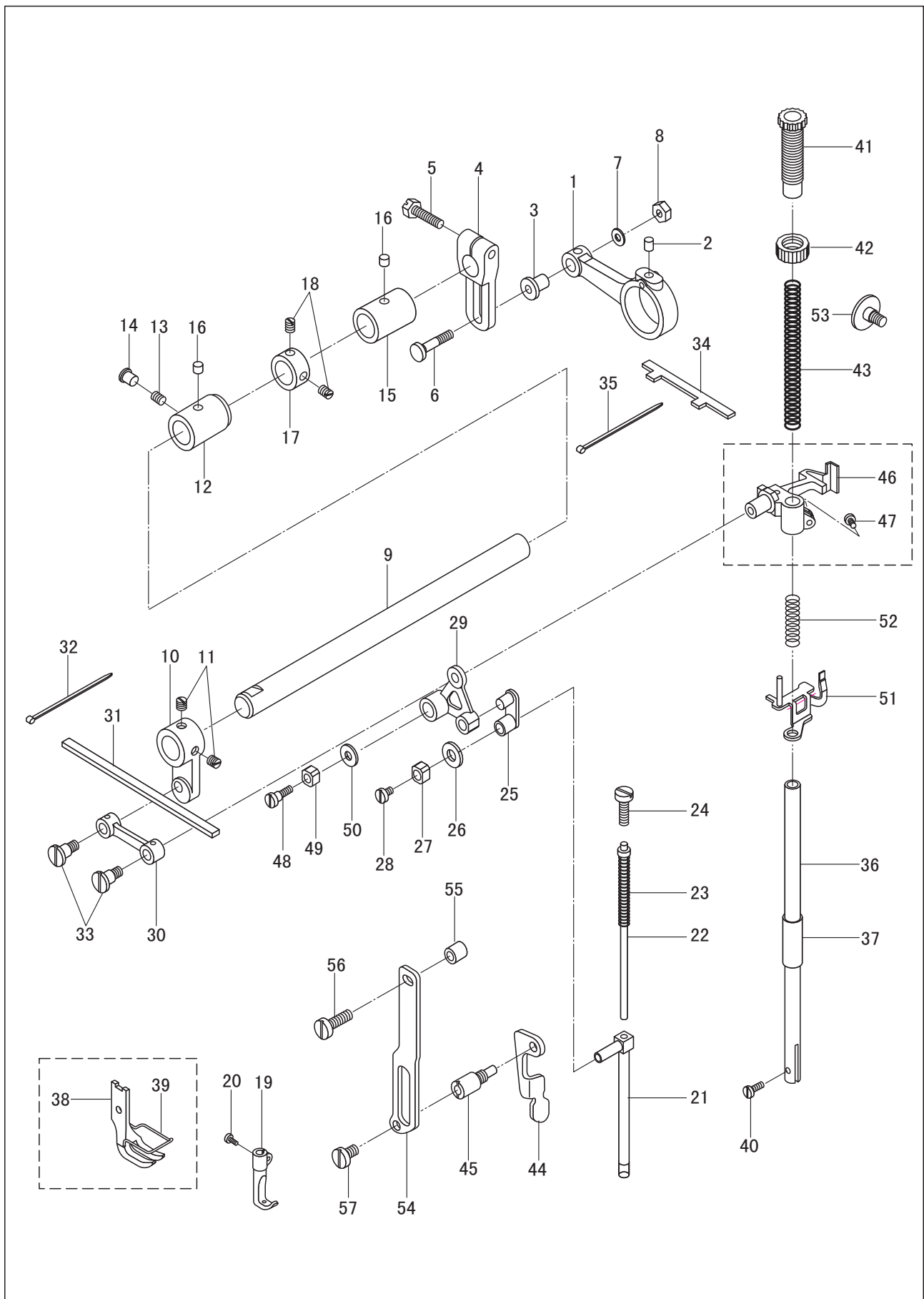
3. Needle bar vibrating parts



3. Needle bar vibrating parts

Line	Part Number	Description	Qt.	Notes
1	400-1065	Needle bar	1	135X17#23 SM1X8"X44
2	400-1066	Needle bar thread guide	1	
3	400-1067	Needle	1	
4	200-1166	Screw	1	
5	400-1068	Needle bar adapter	1	
6	400-1069	Oil wick	1	SM9X64"X40
7	400-1070	Screw	1	
8	400-1071	Vibrating shaft	1	
9	400-1072	Crank	1	
10	400-1073	Crank pin	1	
11	400-1074	Screw	2	GB/T80 M8X8 φ1.5 20
12	400-1075	Oil felt	1	
13	400-1076	Spring	1	
14	400-1077	Slide block	1	
15	400-1078	Vibrating shaft front bushing	1	
16	400-1079	Vibrating shaft rear bushing	1	
17	400-1080	Oil felt	1	
18	400-1081	Needle bar vibrating bracket	1	
19	400-1080	Oil felt	1	
20	400-1082	Hinge shaft	1	
21	200-1123	Screw	1	SM15/64"X28
22	400-1083	Position plate (1)	1	
23	400-1084	Screw	2	SM9/64"X40
24	400-1085	Position plate (2)	1	
25	200-1019	Screw	2	SM11/64"X40
26	400-1086	Driven crank	1	
27	400-1087	Screw	1	SM15/64"X28
28	400-1088	Oil felt	1	
29	400-1089	Wire	2	
30	400-1090	Guide rail	1	
31	200-1019	Screw	2	SM11/64"X40

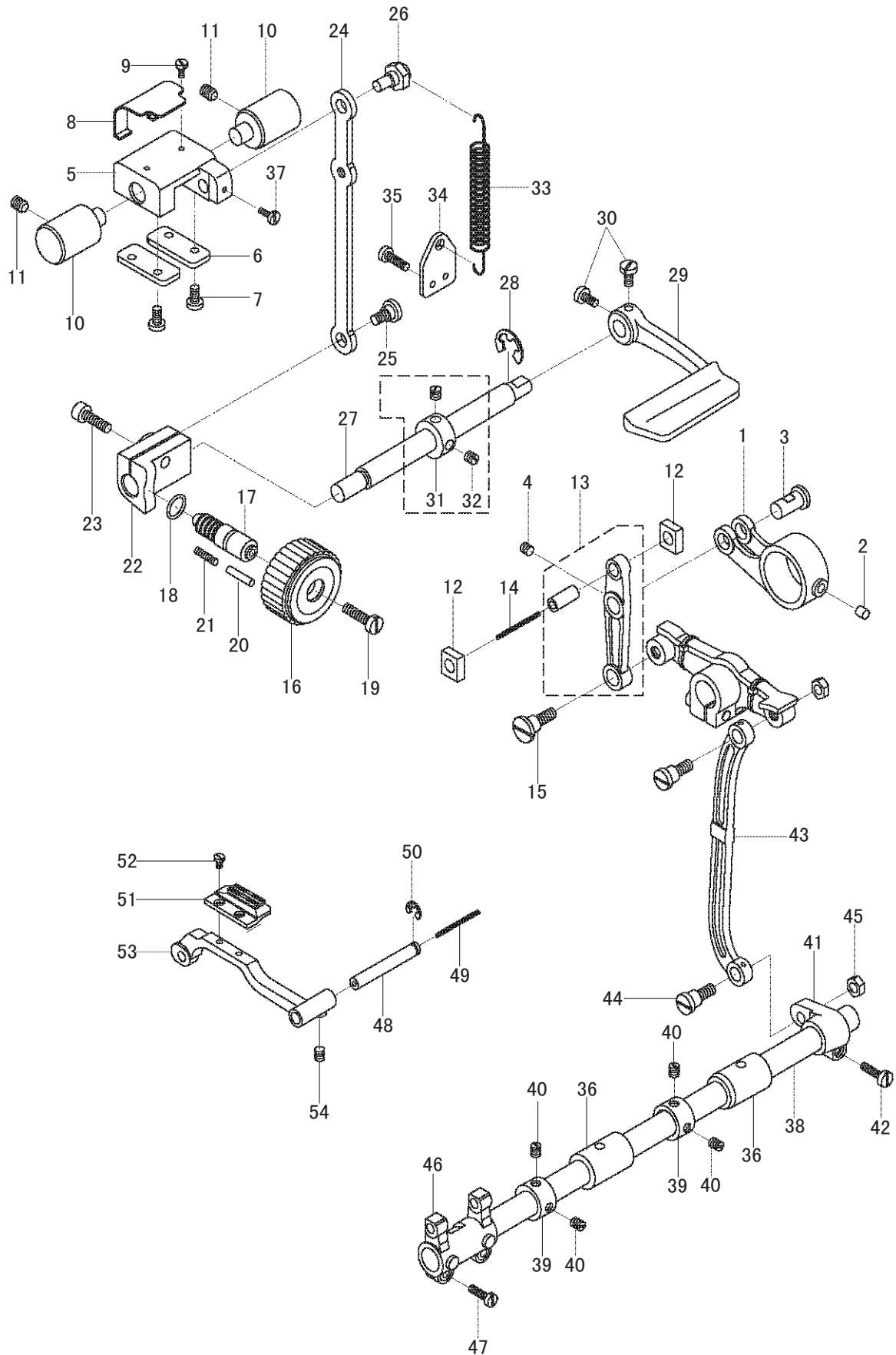
4. Upper feed parts



4. Upper feed parts

Line	Part Number	Description	Qt.	Notes
1	400-1091	Connecting bar	1	
2	400-1080	Oil felt	1	
3	400-1092	Connecting pin	1	
4	400-1093	Adjusting crank	1	
5	400-1094	Screw	1	GB5781-86 M6X22
6	400-1095	Screw	1	SM11/64"X40
7	400-1096	Washer	1	
8	400-1097	Nut	1	SM11/64"X40
9	400-1098	Upper feed shaft	1	
10	400-1099	Upper feed crank	1	
11	400-1100	Screw	2	SM1/4"X40
12	400-1101	Upper feed shaft bushing (left)	1	
13	100-1049	Screw	1	SM15/64"X28
14	400-1029	Rubber plug	1	
15	400-1102	Upper feed bushing (right)	1	
16	400-1103	Oil wick	2	φ6x10
17	400-1104	Collar	1	
18	400-1105	Screw	2	SM1/4"x40
19	400-1106	Walking foot	1	
20	400-1107	Screw	1	SM11/64"X40
21	400-1108	Walking foot lifting bar	1	
22	400-1109	Spring guide assembly	1	
23	400-1110	Presser spring	1	
24	400-1111	Screw	1	SM15/64"X28
25	400-1112	Link	1	
26	400-1113	Oil felt	1	
27	400-1114	Slide block	1	
28	100-1284	Screw	1	SM11/64"X40
29	400-1115	Foot lifting plate	1	
30	400-1116	Foot lifting link	1	
31	400-1117	Oil felt	1	
32	400-1118	Binding cord	2	
33	400-1119	Screw	2	
34	400-1120	Oil felt	1	
35	400-1118	Binding cord	1	
36	400-1121	Presser bar	1	
37	400-1122	Presser bar bushing	1	
38	400-1123	Presser foot	1	
39	400-1124	Finger guard	1	
40	400-1070	Screw	1	SM9/64"X40
41	400-1125	Screw	1	SM1/2"X28
42	100-1110	Nut	1	SM1/2"X28
43	400-1126	Spring	1	
44	400-1127	Presser foot lifting bar	1	
45	400-1128	Lifting bar shift	1	
46	400-1129	Releasing bracket	1	
47	200-1019	Screw	1	SM11/64"X40
48	400-1130	Screw	1	
49	400-1131	Slide block	1	
50	400-1132	Washer	1	
51	400-1133	Releasing plate	1	
52	400-1134	Spring	1	
53	400-1135	Screw	1	SM1/4"X28
54	400-1136	Presser bar guide plate	1	
55	400-1137	Washer	1	
56	400-1138	Screw (upper)	1	SM15/64"X28
57	400-1139	Screw (lower)	1	SM15/64"X28

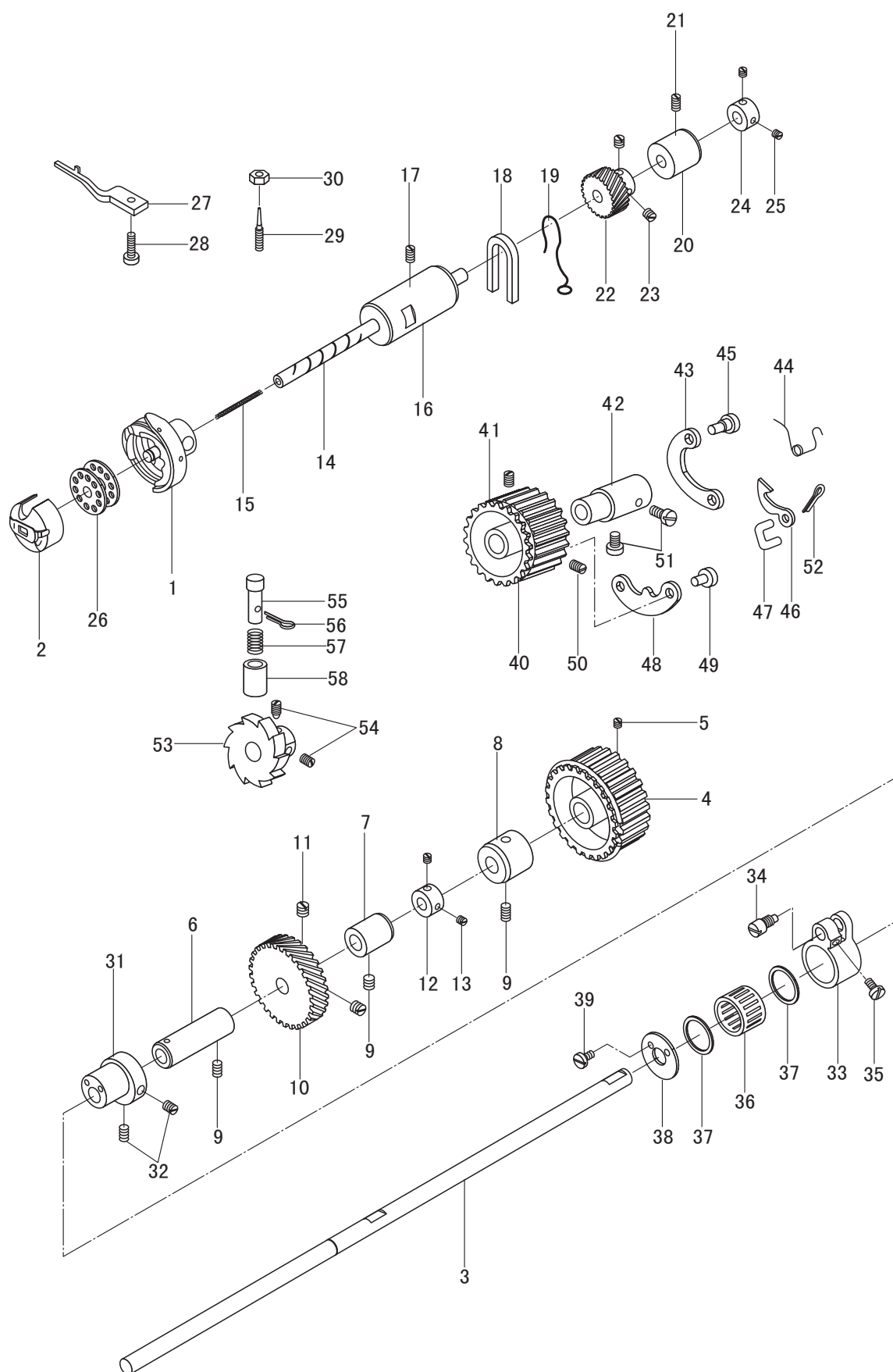
5. Feed parts



5. Feed parts

Line	Part Number	Description	Qt.	Notes
1	400-1140	Feed link	1	
2	400-1141	Oil felt	1	
3	400-1142	Link pin	1	
4	100-1089	Screw	1	
5	400-1143	Reverse feed bracket	1	
6	400-1144	Retaining plate	2	
7	200-1019	Screw	4	SM11/64"X40
8	400-1145	Presser plate	1	
9	400-1146	Screw	2	SM11/64"X40
10	400-1147	Reverse feed bracket shaft	2	
11	100-1049	Screw	2	SM15/64"X40
12	400-1148	Slide block	2	
13	400-1149	Feed vibrating bar assembly	1	
14	400-1150	Oil wick	1	φ1.5 35
15	400-1151	Screw	1	
16	400-1152	stitch length adjusting dial	1	
17	400-1153	Bolt	1	
18	400-1154	Seal ring	1	
19	400-1155	Screw	1	SM3/16"X28
20	400-1156	Stop pin	1	
21	400-1157	Spring	1	
22	400-1158	Stitch length holder	1	
23	400-1159	Screw	1	
24	400-1160	Link	1	
25	400-1161	Screw	1	
26	400-1162	Eccentric pin	1	
27	400-1163	Reverse feed lever shaft	1	
28	400-1164	Retainer	1	GB896-86-9
29	400-1165	Reverse feed lever	1	
30	400-1166	Screw	2	SM3/16"X28
31	400-1167	Collar	1	
32	400-1105	Screw	2	SM1/4"X40
33	400-1168	Spring	1	
34	400-1169	Spring hook	1	
35	200-1405	Screw	2	SM11/64"X40
36	400-1102	Feed shaft bushing	2	
37	400-1170	Screw	2	
38	400-1171	Feed shaft	1	
39	400-1104	Collar	2	
40	400-1105	Screw	4	SM1/4"X40
41	400-1172	Crank	1	
42	400-1173	Screw	1	SM3/16"X28
43	400-1174	Link	1	
44	400-1175	Screw	2	
45	400-1176	Nut	2	SM9/32"X28
46	400-1177	Feed crank	1	
47	200-1405	Screw	2	SM11/64"X40
48	400-1178	Connecting pin	1	
49	400-1179	Oil wick	1	φ3 50
50	400-1180	Retainer	1	GB896 5
51	400-1181	Feed dog	1	
52	400-1182	Screw	2	SM1/8"X44
53	400-1183	Feed dog support	1	
54	400-1184	Screw	1	

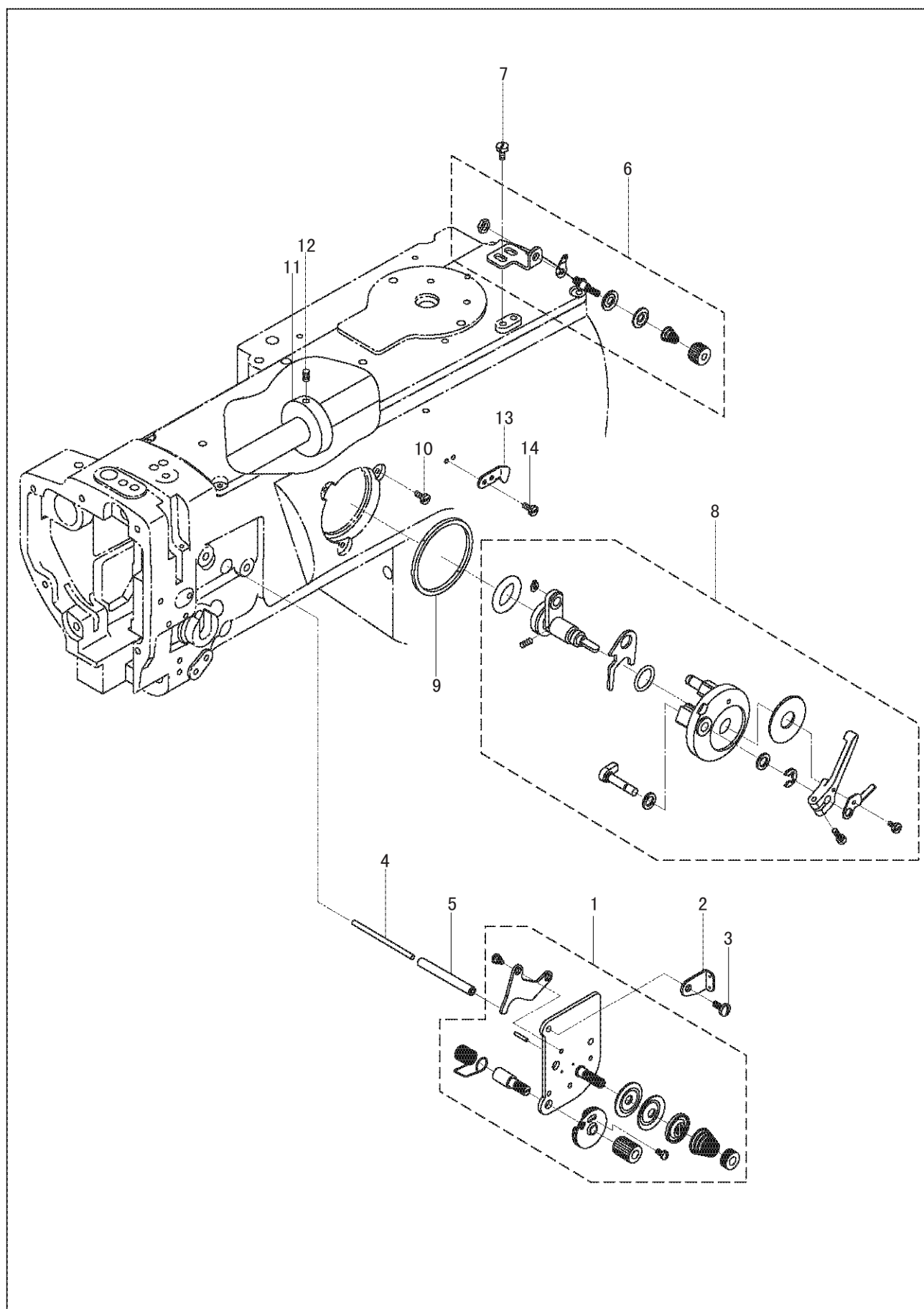
6. Lower shaft mechanism



6. Lower shaft mechanism

Line	Part Number	Description	Qt.	Notes
1	400-1185	Hook CPL	1	SM1/4"X40
2	100-1250	Bobbin case CPL	1	
3	400-1186	Lower shaft	1	
4	400-1187	Lower shaft synchronized pulley CPL	1	
5	400-1058	Screw	2	
6	400-1188	Lower shaft bushing (L)	1	SM15/64"X28
7	400-1189	Lower shaft bushing (M)	1	
8	400-1190	Lower shaft bushing (R)	1	
9	400-1191	Screw	3	
10	400-1192	Lower shaft gear	1	
11	400-1100	Screw	2	SM1/4"X40
12	400-1193	Collar	1	SM11/16"X40
13	400-1194	Screw	2	
14	400-1195	Hook driving shaft	1	
15	400-1196	Oil wick	1	
16	400-1197	Hook driving shaft bushing (L)	1	
17	400-1198	Screw	1	SM15/64"X28
18	400-1199	Oil felt	1	
19	400-1200	Spring	1	
20	400-1201	Hook driving shaft bushing (R)	1	
21	400-1198	Screw	1	
22	400-1202	Hook driving gear	1	SM15/64"X28
23	400-1203	Screw	2	
24	400-1204	Collar	1	
25	400-1205	Screw	2	
26	400-1206	Bobbin	1	
27	400-1207	Bobbin case opener	1	SM11/64"X40
28	400-1208	Screw	1	
29	400-1209	Screw	1	
30	400-1097	Nut	1	
31	400-1210	Eccentric cam	1	
32	400-1211	Screw	2	SM15/64"X28
33	400-1212	Feed dog lift link	1	
34	400-1213	Eccentric pin	1	
35	400-1214	Screw	1	
36	400-1215	Bearing	1	
37	400-1216	Retainer	2	SM9/64"X40
38	400-1217	Cover	1	
39	400-1146	Screw	2	
40	400-1218	Lower shaft synchronized pulley	1	
41	400-1219	Retaining ring	1	
42	400-1220	Pulley bushing	1	103614
43	400-1221	Spring plate	1	
44	400-1222	Spring plate	1	
45	400-1223	Pin	1	
46	400-1224	Stop plate	1	
47	400-1225	Link	1	
48	400-1226	Clutch plate	1	
49	400-1227	Clutch plate pin	1	
50	400-1228	Screw	2	
51	400-1229	Screw	2	
52	400-1230	Pin	1	GB/T991 1.2X8
53	400-1231	Clutch wheel	1	
54	100-1089	Screw	2	
55	400-1232	Button	1	
56	400-1233	Pin	1	
57	400-1234	Spring plate	1	
58	400-1235	Button bushing	1	

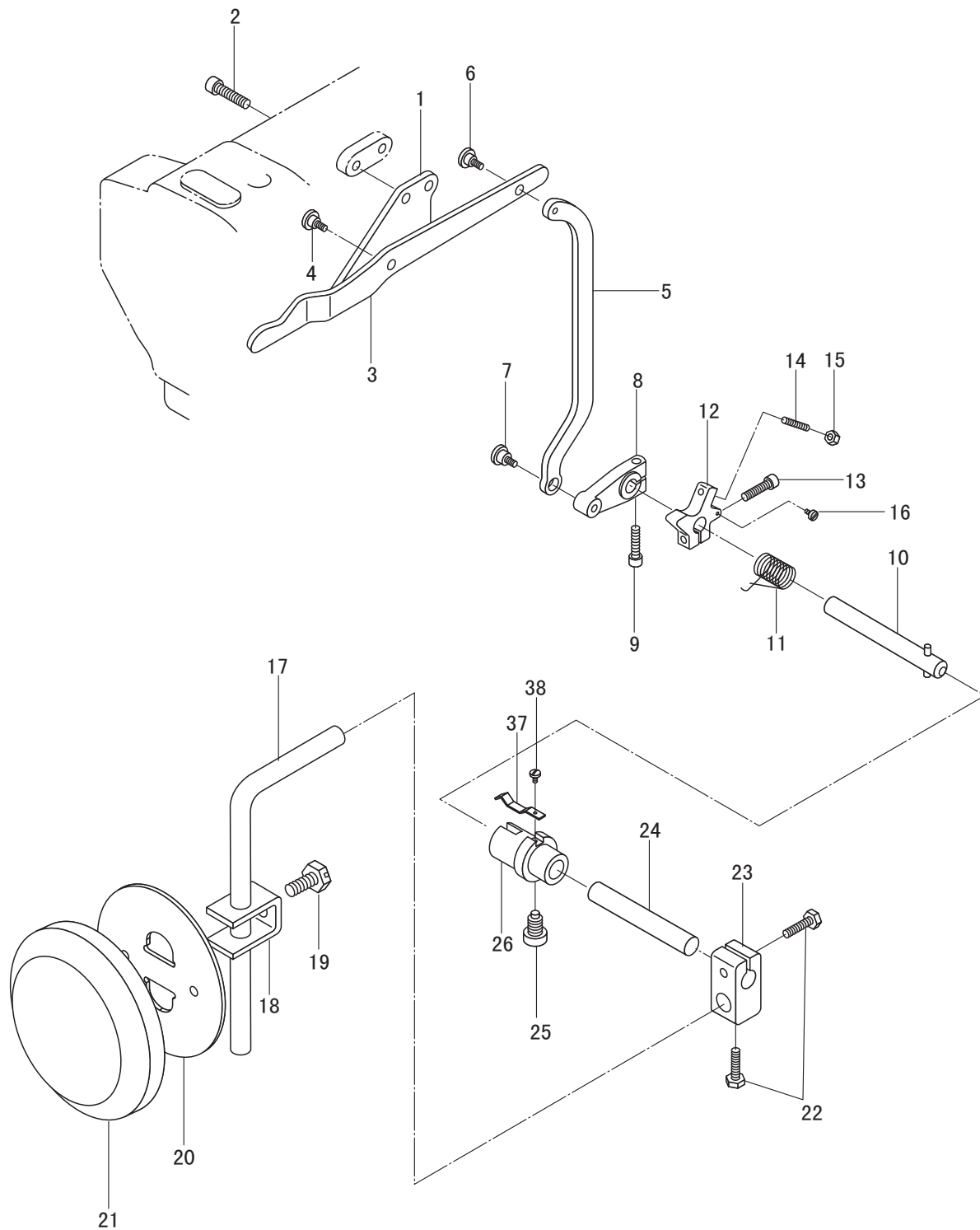
7. Thread tension and bobbin thread winder mechanism



7. Thread tension and bobbin thread winder mechanism

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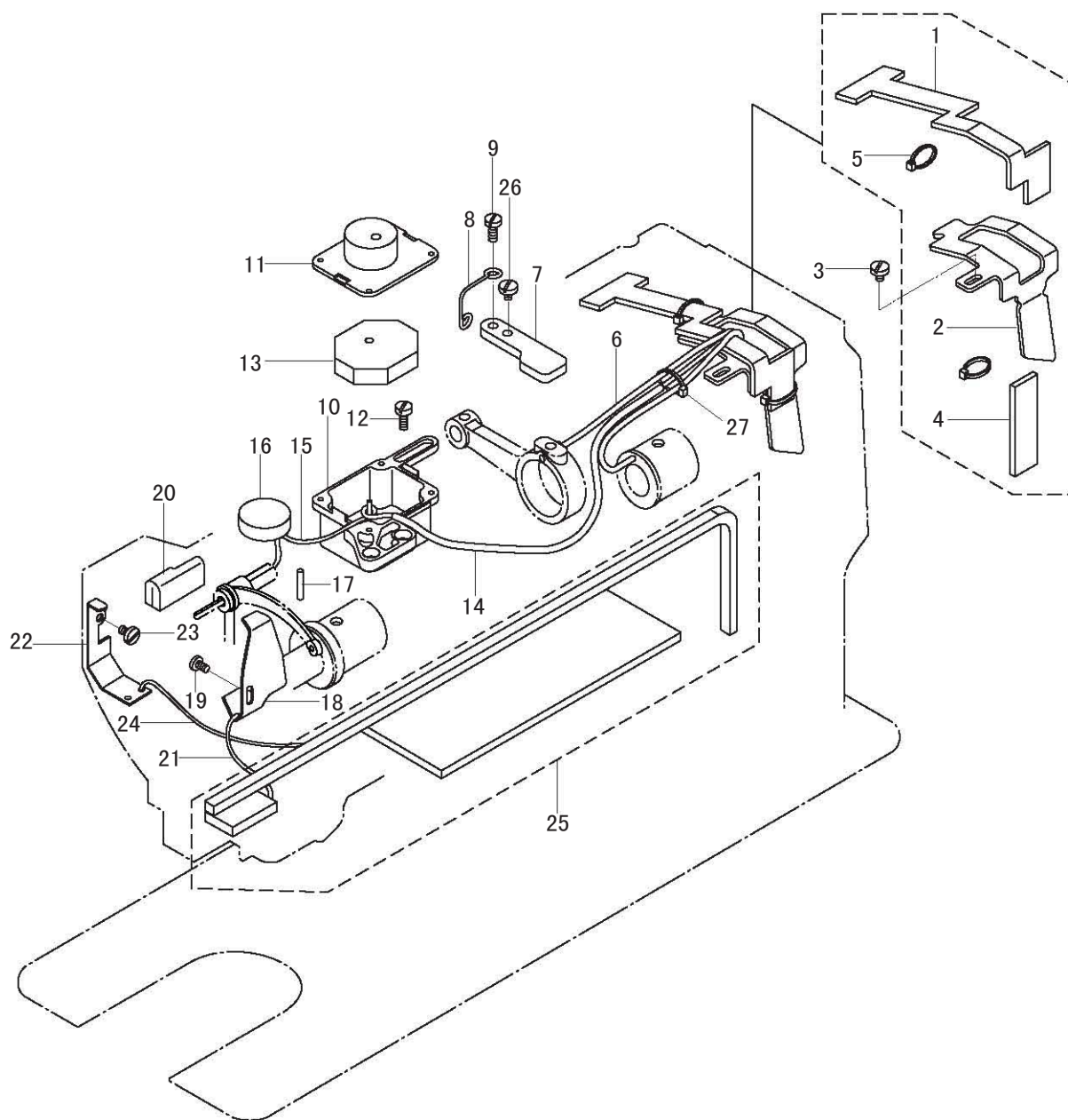
8. Knee lifter mechanism



8. Knee lifter mechanism

Line	Part Number	Description	Qt.	Notes
1	400-1247	Knee control lever support	1	SM1/4"X40
2	400-1248	Screw	2	
3	400-1249	Knee control lever support	1	
4	400-1250	Screw	1	
5	400-1251	Knee control connecting rod	1	
6	400-1252	Screw	1	SM11/64"X40
7	400-1250	Screw	1	SM1/4"X40
8	400-1253	Crank	1	
9	400-1254	Screw	1	
10	400-1255	Knee control revolving shaft	1	
11	400-1256	Spring	1	GB/T77 M5X25 GB/T6172.1 M5
12	400-1257	Position block	1	
13	400-1254	Screw	1	
14	400-1258	Screw	1	
15	400-1259	Nut	1	
16	400-1260	Screw	1	SM9/64"X40
17	100-1329	Knee control bell bent bar	1	
18	100-1331	Bell bracket	1	
19	100-1332	Screw	1	
20	100-1330	Knee control bell	1	
21	100-1333	Cushion	1	SM5/16"X24
22	400-1261	Screw	2	
23	400-1262	Bell bent adapter	1	
24	400-1263	Knee control connecting bar	1	
25	400-1264	Screw	1	
26	400-1265	Connecting bushing	1	SM9/64"X40
27	400-1266	Spring	1	
28	400-1267	Screw	1	

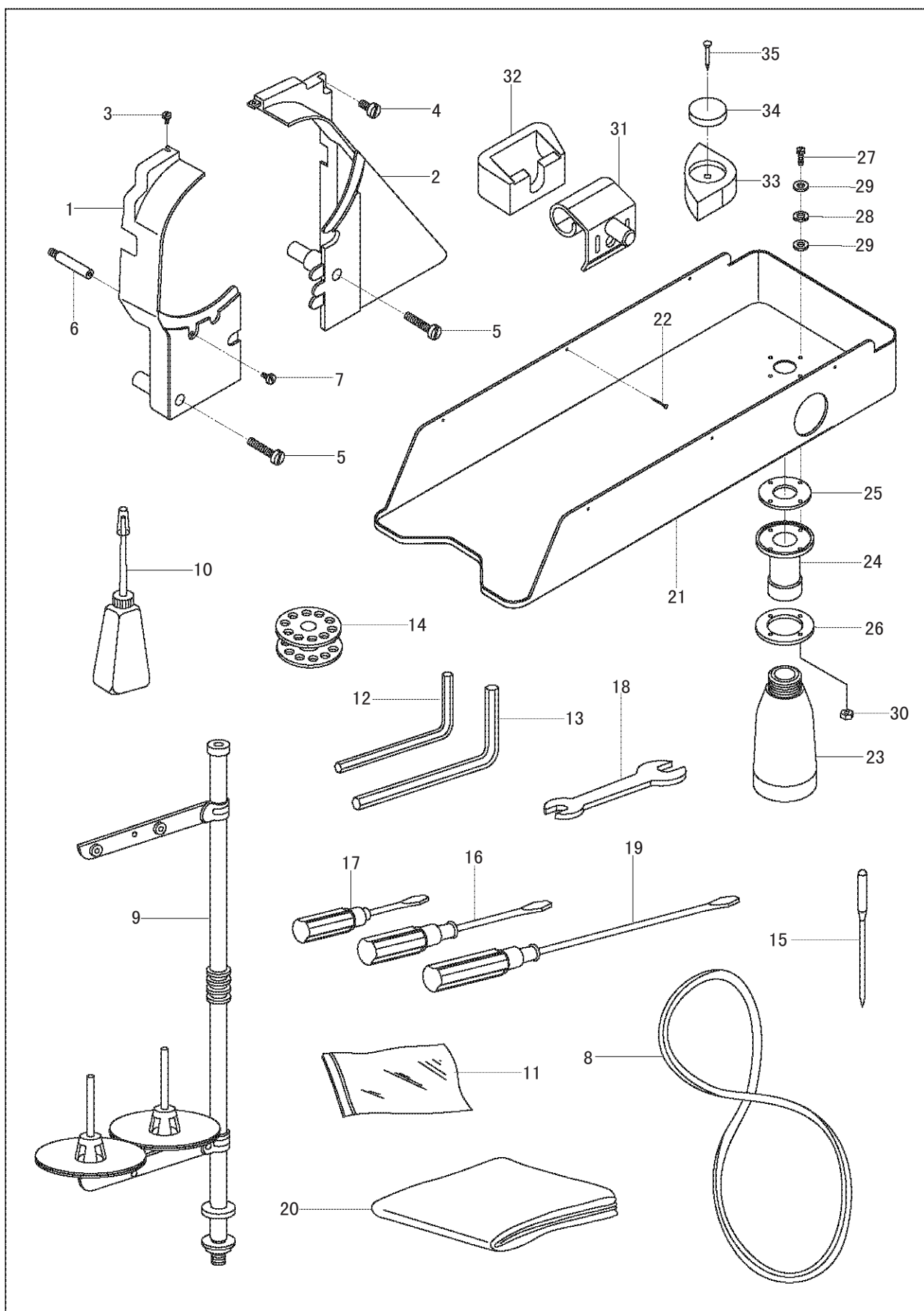
9. Lubrication



9. Lubrication

Line	Part Number	Description	Qt.	Notes
1	400-1268	Oil felt	1	SM11/64"X40
2	400-1269	Oil felt support	1	
3	200-1019	Screw	1	
4	400-1270	Small oil felt	1	
5	400-1118	Binding cord	3	
6	400-1271	Oil wick	1	SM11/64"X40
7	400-1272	Press plate	1	
8	400-1273	Hook	1	
9	400-1274	Screw	1	
10	400-1275	Oil pot	1	
11	400-1276	Oil pot cover	1	SM11/64"X40
12	400-1277	Screw	2	
13	400-1278	Oil felt	2	
14	400-1279	Oil tube	1	
15	400-1196	Oil wick	1	
16	400-1280	Oil felt 1	1	SM9/64"X40
17	400-1281	Oil felt 2	1	
18	400-1282	Oil retaining plate	1	
19	400-1146	Screw	1	
20	400-1283	Oil felt	1	
21	400-1284	Oil wick	1	SM11/64"X40
22	400-1285	Oil retaining plate	1	
23	400-1286	Screw	1	
24	400-1287	Oil wick	1	
25	400-1283	Oil felt assembly	1	
26	200-1019	Screw	1	SM11/64"X40
27	400-1118	Binding cord	1	

10. Accessories



10. Accessories

Line	Part Number	Description	Qt.	Notes
1	400-1288	Safety guard 1	1	
2	400-1289	Safety guard 2	1	
3	400-1290	Screw	1	SM11/64"X40
4	400-1291	Screw 1	1	SM15/64"X28
5	200-1179	Screw 2	2	SM15/64"X28
6	400-1292	Column	1	
7	400-1274	Screw	1	SM11/64X40
8	400-1293	V-belt	1	42V
9	200-1368	Spool stand	1	
10	100-1309	Small oil pot	1	
11	100-1299	Parts bag	2	
12	400-1294	Spanner	1	S=2.5mm GB/T5356-1998
13	400-1295	Spanner	1	S=3MM GB/T5356-1998
14	400-1206	Bobbin	6	
15	100-1078	Needle	3	135X17#23
16	100-1301	Screwdriver (medium)	1	
17	100-1300	Screwdriver (small)	1	
18	400-1296	Double ended spanner	1	9X10
19	100-1302	Screwdriver (big)	1	
20	400-1297	Machine head cover	1	
21	400-1298	Oil reservoir	1	
22	400-1299	Screw	6	SG162 19
23	400-1300	Oil pot	1	
24	400-1301	Adapter	1	
25	400-1302	Seal ring	1	
26	400-1303	Presser plate	1	
27	400-1304	Connecting screw	4	GB/T818 M3X14
28	400-1305	Spacer	4	GB/T848 3
29	400-1306	Seal spacer	8	
30	400-1307	Connecting nut	4	GB/T6170 M3
31	400-1308	Connecting hook assembly	2	
32	400-1309	Rubber cushion	2	
33	400-1310	Rubber cushion	4	
34	400-1311	Oil felt	4	
35	400-1312	Screw	4	GB349-88-1



web: www.consew.com