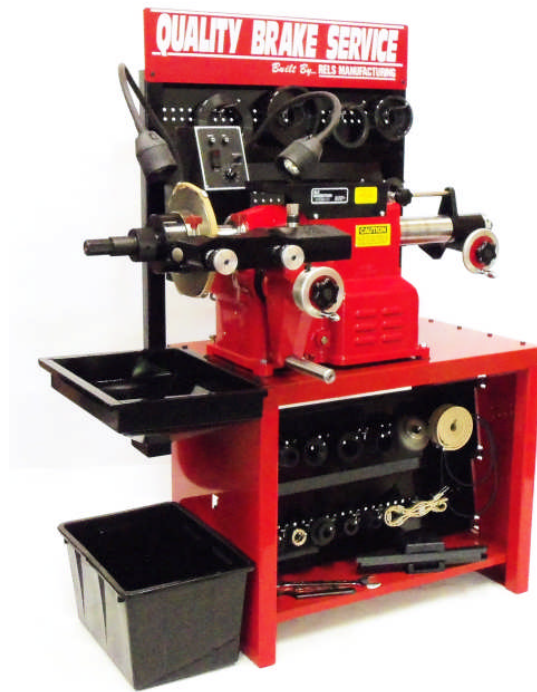


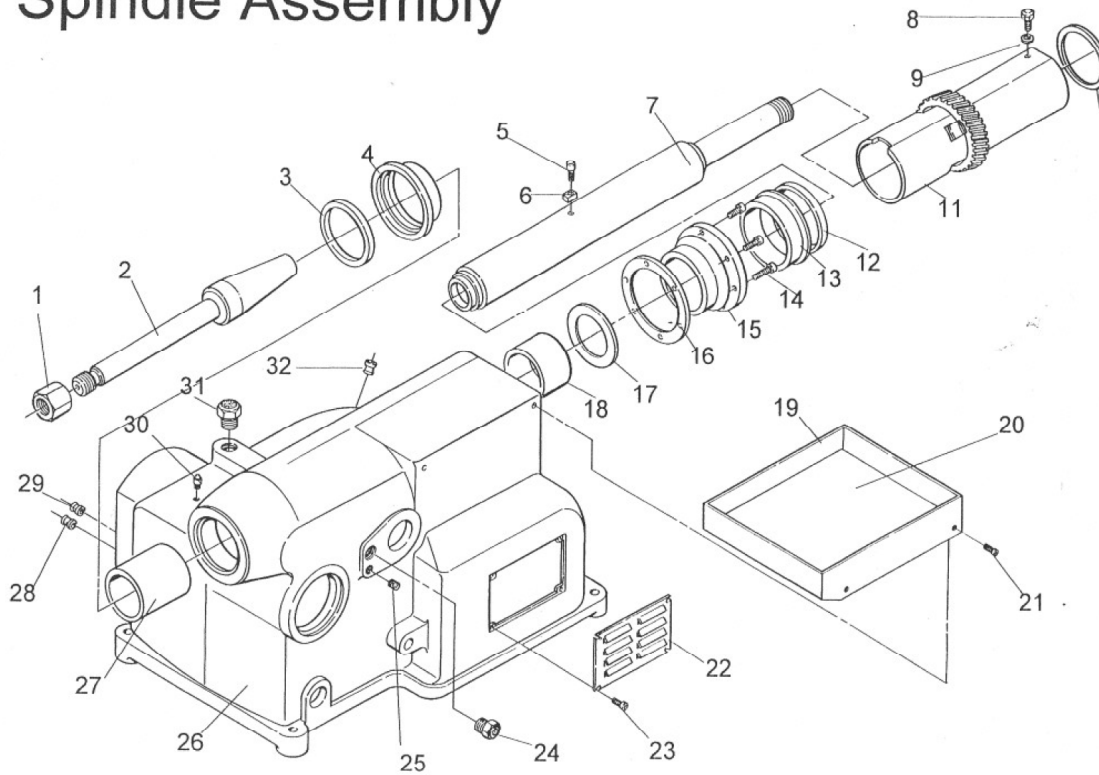


Rel's Manufacturing



2000 Brake Lathe Parts Breakdown

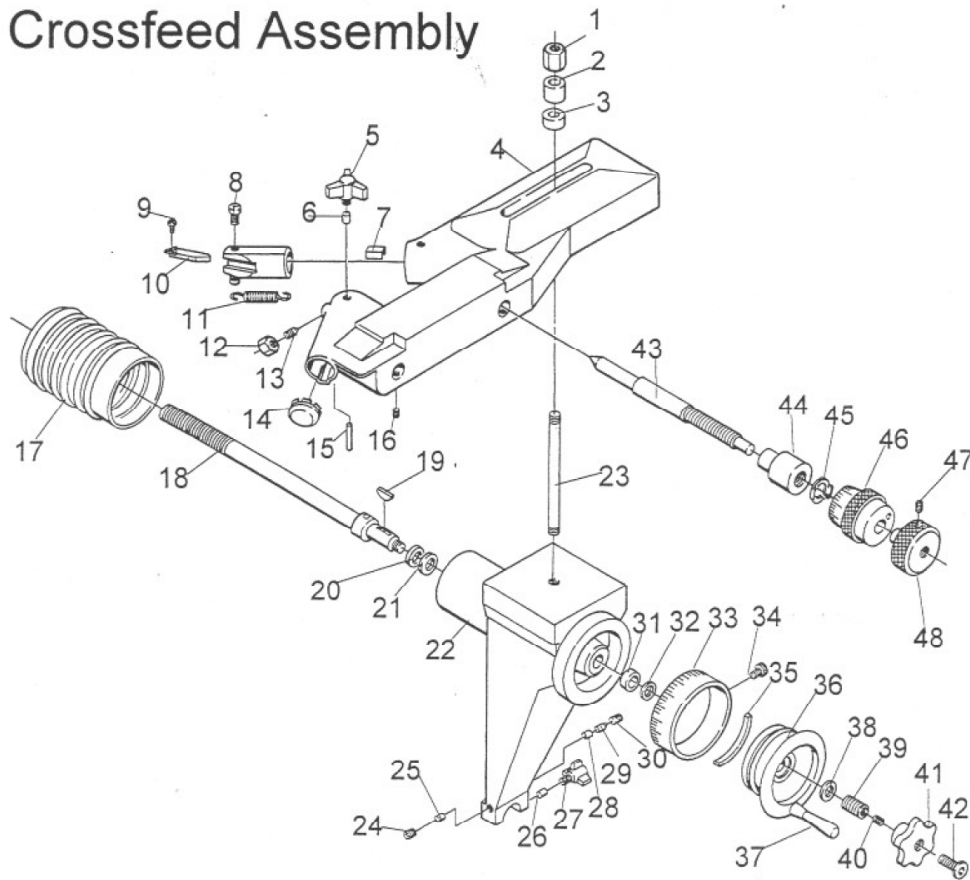
Spindle Assembly



#	Part Number	Description	Qty
1	40081	Arbor Nut	1
2	40080	Arbor	1
3	40034	Oil Seal	1
4	40033	Oil Seal Adapter Ring	1
5	40028	Screw	1
6	40027	Drive Key	1
7	40026	Spindle	1
8	40032	Screw	1
9	40056	Lock Washer	1
10	40030	Thrust Washer	1
11	40031	Quill	1
12	40034	Oil Seal	1
13	40033	Oil Seal Adapter Ring	1
14	40025	Screw	2
15	40024	Rear Flange	1
16	40111	Shim	3
17	40030	Thrust Washer	1

#	Part Number	Description	Qty
18	40101	Bronze Bushing	1
19	40157	Tool Tray	1
20	40157B	Vinyl Mat	1
21	40074L	Screw	3
22	40088	Louver	1
23	40186	Screw	4
24	40044	View Oil Gage	1
25	40046	Plug	1
26	40023	Main Motor	1
27	40102	Bronze Bushing	1
28	40090	Insulated Bushing	1
29	40090	Insulated Bushing	1
30	40043	Grease Fitting	1
31	40159	Breather Vent	1
32	40090	Insulated Bushing	1

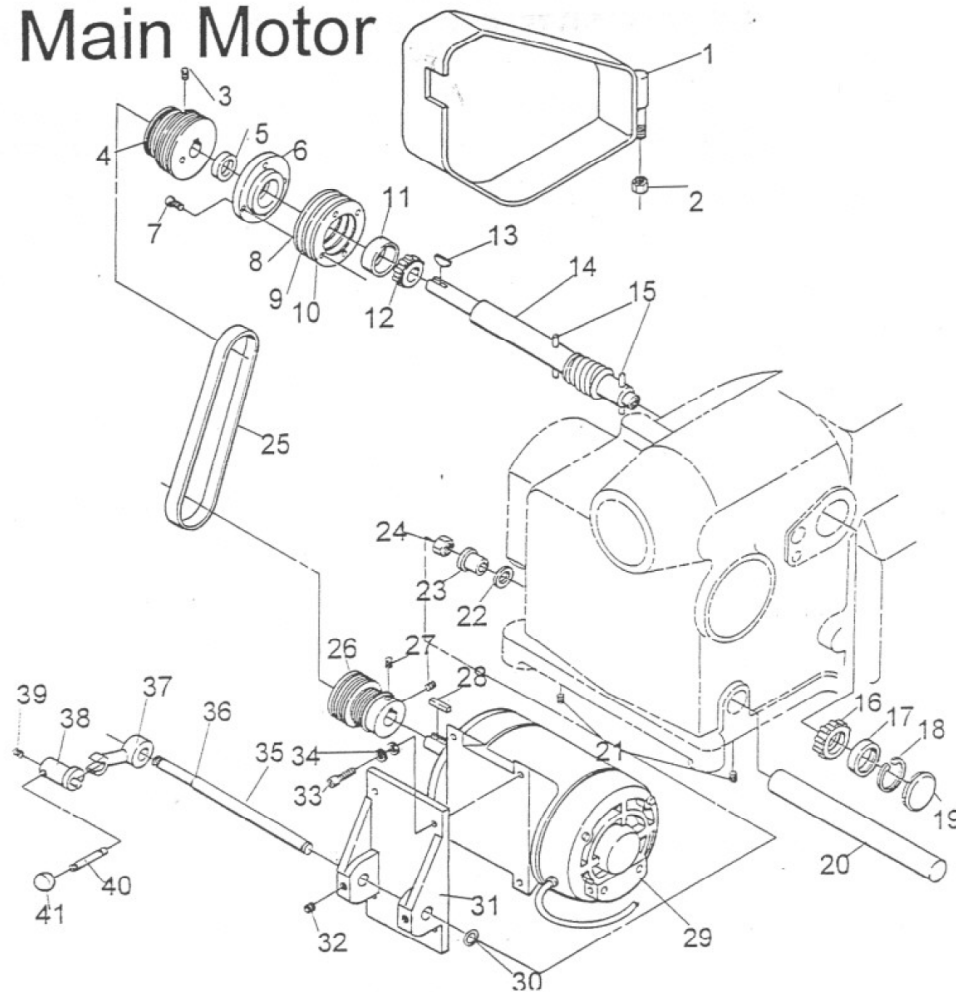
Crossfeed Assembly



#	Part Number	Description	Qty
1	40099	Lock Nut	1
2	40008	Retainer	1
3	40007	Spherical Washer	1
4	40095A	Twin Cutter Housing	1
5	40013	Red Knob	2
6	40012	Brass Plug	2
7	40141	Spacer	2
8	40185	Square Head Screw	2
9	45016	Insert w/ Screw	2
10	45014	Positive Rake Tool Holder LH	1
	45015	Positive Rake Tool Holder RH	1
11	40142	Spring	2
12	40129	Jam Nut	2
13	40128	Set Screw	2
14	40127	Plug	2
15	40126	Groove Pin	2
16	40125	Set Screw	1
17	42026	Crossfeed Boot	1
18	40003L	Lead Screw	1
19	40020	Woodruff Key	1
20	24972	Friction Washer	1
21	40019	Thrust Washer	1
22	40002	Crossfeed	1
23	42007	Stud	1
24	40009	Set Screw	1

#	Part Number	Description	Qty
25	40011	Brass Plug	1
26	40012	Brass Plug	1
27	40013	Red Knob	1
28	40011	Brass Plug	1
29	40010	Spring	1
30	40009	Set Screw	1
31	40089	Oilite Bushing	1
32	40019	Thrust Washer	2
33	40016	Dial	1
34	40018	Thumb Screw	1
35	40017	Dial Spring	1
36	40014	Handwheel	1
37	40015	Handle	1
38	40150	Washer	1
39	40108	Adapter	1
40	40109B	Set Screw	1
41	40107	Lock Nut	1
42	40109A	Screw	1
43	40105	Dial Rod	2
44	40104	Plug	2
45	40112	Spring Washer	2
46	40113	Dial Micrometer	2
47	42018	Set Screw	2
48	40115	Dial Rod Knob	2

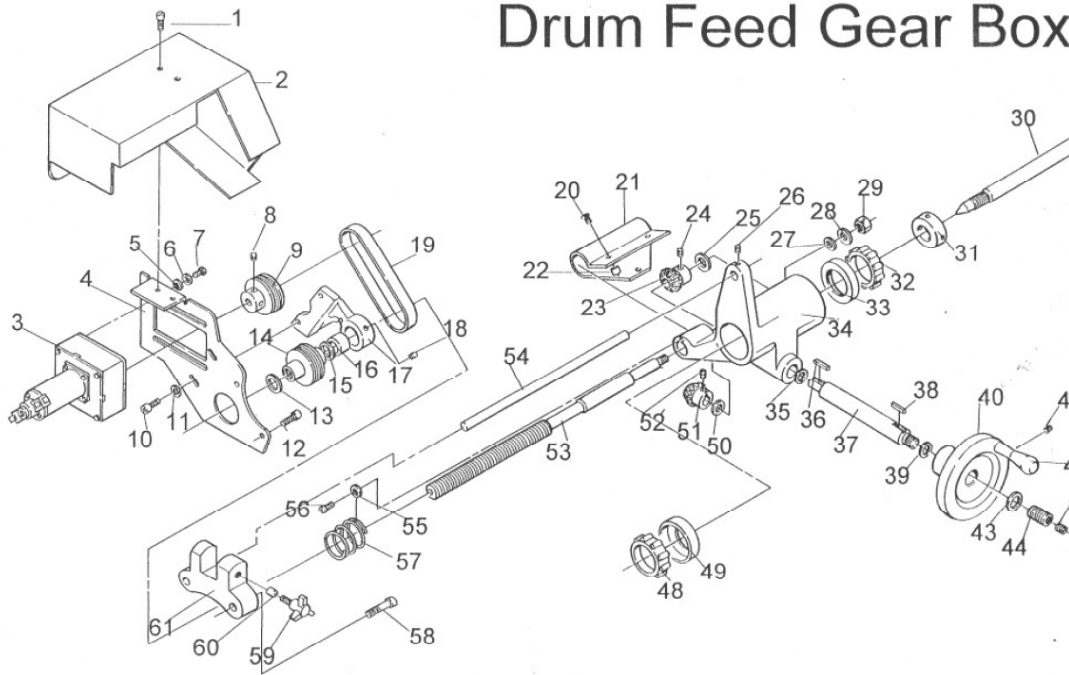
Main Motor



#	Part Number	Description	Qty
1	40065	Belt Guard	1
2	40066	Lock Nut	1
3	40074N	Set Screw	2
4	40021	Pulley	1
5	40039	Oil Seal	1
6	40036	Bearing Seal Cap	1
7	40038	Screw	4
8	40037	Shim	1
9	40037A	Shim	1
10	40037B	Shim	1
11	40035A	Race	1
12	40035	Bearing	1
13	40069	Woodruff Key	1
14	40040	Drive Shaft	1
15	40040A	Roll Pin	2
16	40035	Bearing	1
17	40035A	Race	1
18	40045	Retaining Ring	1
19	40042	Freeze Plug	1
20	40063	Guide Bar	1
21	40064	Set Screw	2

#	Part Number	Description	Qty
22	40050	O-Ring	1
23	40049	Bushing	1
24	40051	Hex Nut	1
25	40073	Belt	1
26	40022	Pulley	1
27	40074N	Set Screw	2
28	40052-1	Key	1
29	40052	Main Motor	1
30	40048	O-Ring	1
31	40053	Motor Mount Bracket	1
32	40057	Set Screw	2
33	40203	Bolt	4
34	40056	Lock Washer	4
35	40047	Motor Mount Shaft	1
36	40189	O-Ring	1
37	40058	Belt Tension Lever	1
38	40059	Belt Release Pin	1
39	40060	Set Screw	1
40	40061	Belt Release Handle	1
41	40062	Red Knob	1

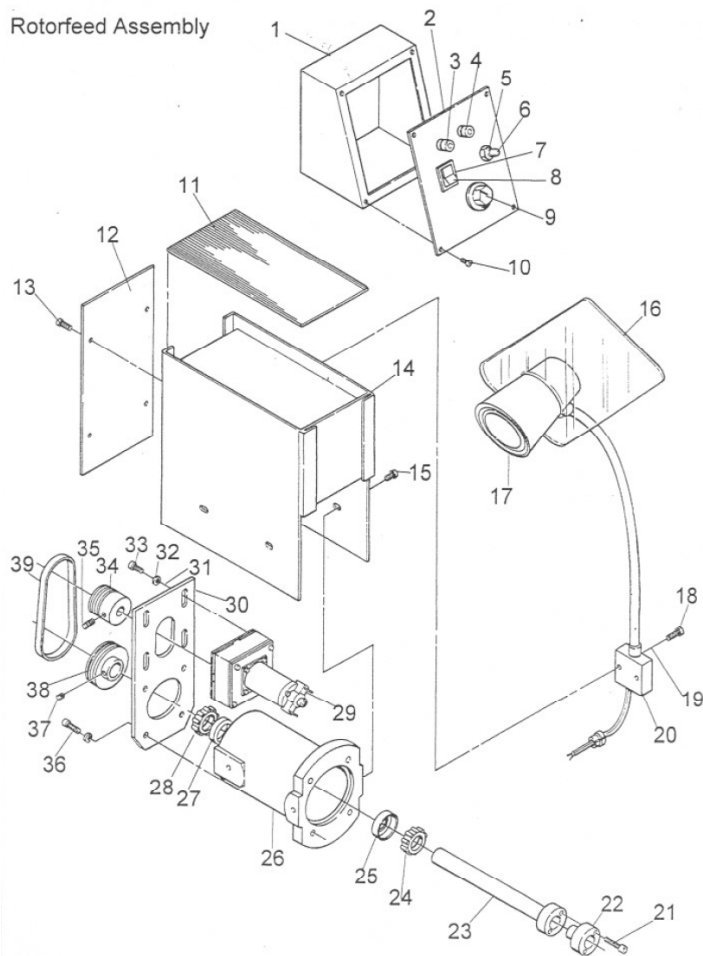
Drum Feed Gear Box



#	Part Number	Description	Qty
1	40130	Screw	2
2	40117	Drum Feed Cover	1
3	40139	Gear Motor	1
4	40116	Motor Mount Plate	1
5	40199	Fender Washer	3
6	40131	Washer	3
7	40158	Screw	3
8	40074N	Set Screw	2
9	40122	Pulley	1
10	40084	Screw	2
11	40162	Washer	2
12	40165	Screw	2
13	40148	Bushing	1
14	40123	Feed Screw Nut	1
15	40148	Bushing	1
16	40118A	Bushing	1
17	40118	Lead Screw Support	1
18	40072	Set Screw	1
19	40074H	Belt	1
20	40193	Screw	3
21	40151	Feed Screw Cover	1
22	42001F	Spacer	2
23	40137A	Miter Gear	1
24	40072	Set Screw	1
25	40136	Thrust Washer	1
26	40072	Set Screw	1
27	40135	Washer	1
28	40135	Washer	1
29	40134	Lock Nut	1
30	40091	Drawbar	1
31	40133	Nut	1

#	Part Number	Description	Qty
32	40138A	Bearing	1
33	40138B	Race	1
34	40114	Drum Feed Bracket	1
35	40136	Thrust Washer	1
36	40149	Key	1
37	40121	Gear Rod	1
38	40147	Key	1
39	40019	Thrust Washer	1
40	40014D	Handwheel	1
42	40015	Handle	1
43	40150	Washer	1
44	40108	Adapter	1
45	40109B	Set Screw	1
46	40107	Lock Nut	1
47	40109A	Screw	1
48	40138A	Bearing	1
49	40138B	Race	1
50	40136	Thrust Washer	1
51	40137B	Miter Gear	1
52	40072	Set Screw	1
53	40124	Drum Feed Screw	1
54	40071	Lock Rod	1
55	40131	Washer	1
56	40130	Screw	1
57	40184	Spring	1
58	40070	Screw	2
59	40013	Red Knob	1
60	40012	Brass Plug	1
61	40067	Front Clamp	1

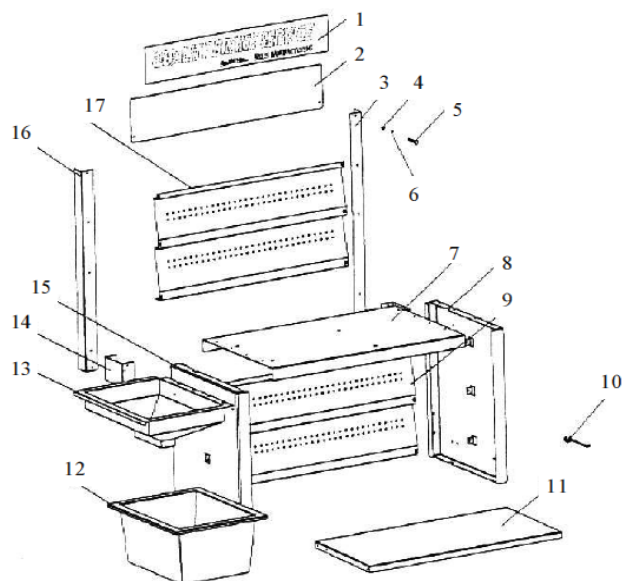
Rotorfeed Assembly



#	Part Number	Description	Qty
1	40082A	Electrical Box	1
2	40082B	Electrical Box Cover	1
3	40072	Fuse holder with 2amp Fuse(#40178B)	1
4	40072	Fuse holder with 2amp Fuse(#40178B)	1
5	40176	Toggle Switch	1
6	40201	Toggle Switch Boot	1
7	40174	Rocker Switch	1
9	40175	Controller Knob	1
10	40173	Screw	4
11	40074M	Vinyl Pad	1
12	40074K	Cover Back Panel	1
13	40074P	Sheet Metal Screw	4
14	40074K	Gear Box Cover	1
15	40074L	Screw	3
16	40194	Plastic Shield	1
17	40079	Work Light	2
18	40075A	Screw	4
19	40075B	Nut	4
20	40075	Light Holder	2
21	40083	Screw	2

#	Part Number	Description	Qty
22	40068	Lead Screw Nut	1
23	40074B	Center Shaft	1
24	40138A	Bearing	1
25	40138B	Race	1
26	40074A	Housing	1
27	40138B	Race	1
28	40138A	Bearing	1
29	40139	Gear Motor	1
30	40074C	Motor Mount Plate	1
31	40199	Fender Washer	4
32	40131	Washer	4
33	40158	Screw	4
34	40122	Small Pulley	1
35	40074N	Set Screw	2
36	40202	Screw	4
37	40074G	Set Screw	2
38	40074D	Large Pulley	1
39	40074H	Belt	1
	40077	Power Cord	1
	40078	Cord Grip	1
	40119	Control Board	1
	40221	Rheostat	1

LATHE WORKBENCH BREAKDOWN



ITEM #	DESCRIPTION	PART#
BENCH ASSEMBLY		40156
1	LABEL	40156A
2	LABEL BACKBOARD	40156B
3	RIGHT UPRIGHT	40156C
4	NUT	40205
5	SCREW	40203
6	WASHER	40056
7	TOP COVER PANEL	40156F
8	RIGHT SIDE PANEL	40156G
9	PEG BOARD PANEL	40156E
10	4" HOOK	40197
11	BOTTOM PANEL	40156J
12	CHIP BUCKET	40168B
13	CHIP FUNNEL	40168A
14	U - JOINT	40156I
15	LEFT SIDE PANEL	40156H
16	LEFT UPRIGHT	40156D
17	PEG BOARD PANEL	40156E