

WYSONG AND MILES COMPANY

U.S. 29 NORTH

GREENSBORO, NORTH CAROLINA

PARTS LIST AND ILLUSTRATIONS

POWER SQUARING SHEAR NO. 1096

When ordering parts, please refer to the Item Number, Quantity, Name of Part, Part Number, and also Serial Number of your Machine. The serial number will be found stenciled on the table outside the right-hand side gauge.

AUGUST 1967

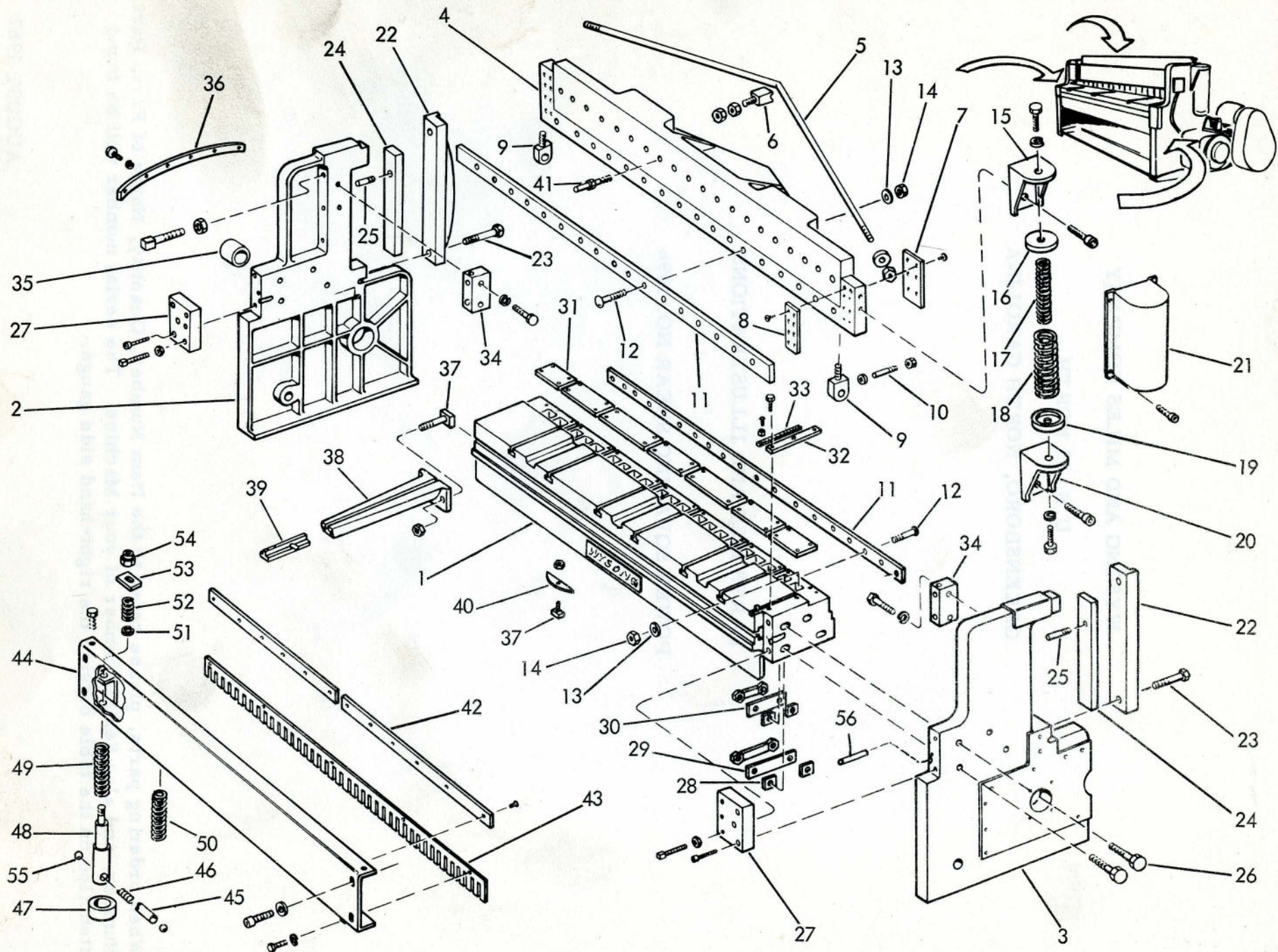


FIG. 1 TABLE - END HOUSINGS - HOLD DOWN - KNIFE BAR ASSEMBLY

TABLE - END HOUSING -HOLDDOWN-KNIFE BAR ASSEMBLIES -1096
(See Figure 1)

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
1	1	Table	7K-80
2	1	Left-hand End Housing	8B-21
3	1	Right-Hand End Housing	8B-20
4	1	Knife Bar	7K-81
5	1	Tension Rod	7KS-68
6	1	Tension Rod Stud	7KS-67
7	2	Rear Gibs (Non-Metallic)	MG-15
8	2	Front Gibs (Non-Metallic)	MG-16
9	2	Eyebolts	S10S-145
10	2	Eyebolt Locking Pins	8GS-107
11	2	Blades	3" x 1" x 98"
12	34	Blade Bolts	5/8" x 4"
13	34	Blade Bolt Washers	5/8"
14	34	Blade Bolt Nuts	5/8"
15	2	Top Spring Brackets	8B-17
16	2	Spring Seats	8B-19
17	2	Counterbalance Springs (inside)	B-81
18	2	Counterbalance Springs (outside)	B-80
19	2	Spring Seats	8B-19
20	2	Bottom Spring Brackets	8B-18
21	2	Spring Guards	7TS-30
22	2	Knife Bar Gibs	7K-43
23	4	Knife Bar Gib Bolts	8BS-33
24	2	Take-Up Gibs	7KS-64
25	2	Take-Up Gib Locating Studs	7HS-82
26	8	Table Bolts	1" x 7-3/4"
27	2	Table Adjusting Lugs	7K-69
28	8	Table Washers	8FS-84
29	2	Table Bolt Locking Plates	8BS-10
30	2	Table Bolt Locking Plates	8BS-11
31	1	Table Plate	7KS-149
32	2	Side Gauges	SGS-18
33		Table Scales	
34	2	Mounting Lugs-Right and Left	8BS-21
35	1	Eccentric Shaft Bushing	8B-11
36	1	Oil Deflector	8BS-32
37	5	T-Bolt with Nut and Washer	7KS-75
38	2	Table Extensions	7K-61
39	2	Disappearing Stops	S12S-55A
40	1	Angle Gauge	5Y-66
41	24	Holddown Pin Lifting Studs	8BS-31
42	1	Guide Strip	7KS-138
43	1	Finger Guard	7KS-125
44	1	Holddown	7KS-136
45	12	Ball Sleeves	8BS-37

TABLE - END HOUSING -HOLDDOWN - KNIFE BAR ASSEMBLIES - 1096

(See Figure 1)

(Cont.)

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
46	12	Sleeve Springs	B-113
47	12	Holddown Feet	8BS-35
48	12	Holddown Pins	8BS-34
49	4	Holddown Pressure Springs (2 each end)	B-102
50	8	Holddown Pressure Springs (Center)	B-88
51	12	Truarc Locks	5100-100
52	12	Lifting LugSprings	B-107
53	12	Lifting Lugs	8BS-20
54	12	Flexloc Nuts	3/4"-10
55	24	Steel Balls	3/8" dia.
56	2	Dowel Pins	7ES-106

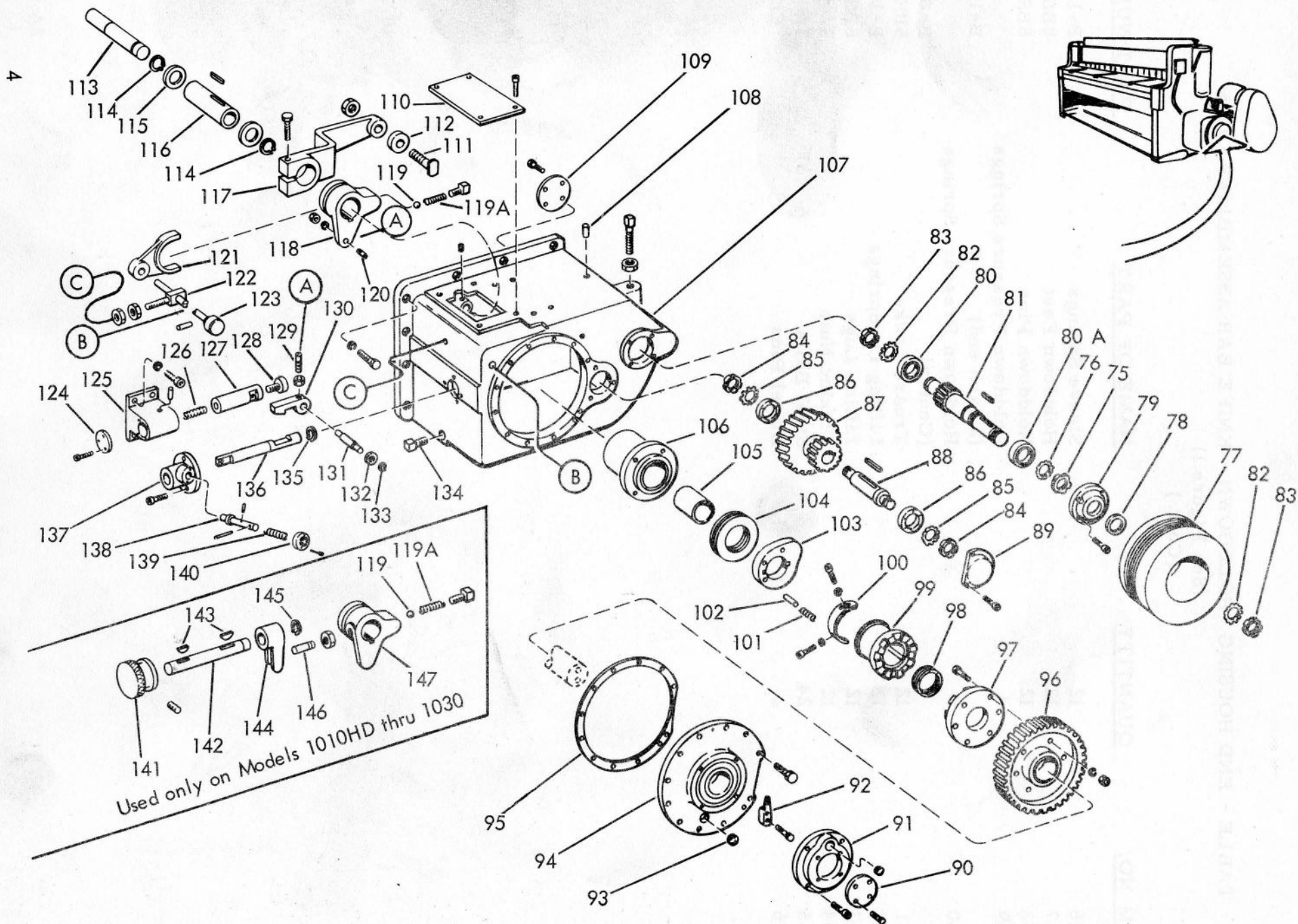


FIG. 2 GEAR CASE ASSEMBLY

GEAR CASE ASSEMBLY -1096
(See Figure 2)

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
75	1	Lock Nut	N-10
76	1	Lock Washer	W-10
77	1	Flywheel	8B-26
78	1	Pinion Shaft Seal	60730
79	1	Pinion Shaft Bearing Cap	8F-19
80	1	Bearing	SKF-22210
80A	1	Bearing	SKF-22210
81	1	Pinion Shaft	8FS-17
82	2	Lock Washers	W-08
83	2	Lock Nuts	N-08
84	2	Lock Nuts	N-07
85	2	Lock Washers	W-07
86	2	Bearings	SKF-22308
87	1	Intermediate Gear	8FS-23
88	1	Intermediate Shaft	8FS-18
89	1	Intermediate Shaft Bearing Cap	8F-20
90	1	Housing Indicator Cover	8G-105
91	1	Top Center Indicator Housing	8G-41
92	1	Top Center Indicator	8G-42
93	1	Oil Level Gauge	
94	1	Gear Case Cover	8F-17
95	1	Gear Case Cover Gasket	
96	1	Bull Gear	8FS-22
97	1	Clutch Drive Plate	8FS-78
98	1	Bull Gear Spacing Collar	8FS-75
99	1	Clutch Driven Plate	8FS-21
100	1	Clutch Release Cam	8FS-74
101	4	Clutch Springs	B-99
102	4	Clutch Spring Studs	S12S-9
103	1	Non-Repeat Cam	8F-23
104	1	Thrust Bearing	G-45
105	1	Bearing Bushing	8B-16
106	1	Eccentric Shaft Bearing	8B-15
107	1	Gear Case	8F-16
108	1	Air Vent	G-304810
109	1	Gear Case Rear Cover	8F-38
110	1	Gear Case Hand Cover	S12-7
111	1	Non-Repeat Roller Stud	7KS-39
112	1	Non-Repeat Arm Roller	7KS-41
113	1	Non-Repeat Arm Pivot Shaft	S12S-17
114	2	Truarc Lock Rings	5100-100
115	2	Sleeve Retaining Collars	8HS-88
116	1	Non-Repeat Arm Sleeve	S12S-19
117	1	Non-Repeat Arm	S12-8
118	1	Non-Repeat Pawl Lifting Lever	S12-9

GEAR CASE ASSEMBLY (cont.) -1096
(See Figure 2)

<u>EM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
119	1	Steel Ball	1/2"
119A	1	Spring	B-37
120	1	Pawl Striking Stud	8HS-48
121	1	Lifting Lever Shifting Arm	S12-10
122	1	Shifting Rod Guide	S12S-16
123	1	Shifting Rod Knob	S12S-28
124	1	Clutch Bracket Spring Cap	S12S-13
125	1	Clutch Bracket	S12-4
126	1	Cam Slide Spring	B-19
127	1	Cam Retracting Slide	S12S-80
128	1	Clutch Retracting Roller	S12S-81
129	1	Pawl Lifting Stud	8HS-41
130	1	Non-Repeat Pawl	8FS-44
131	1	Pawl Slide Pin	8FS-45
132	1	Pawl Retaining Collar	8FS-46
133	1	Truarc Lock	5100-62
134	1	Drain Plug	
135	1	Truarc Lock	5100-100
136	1	Pawl Engaging Plunger	S12S-14
137	1	Engaging Plunger Guide	7Y-20
138	1	Lock Pin	7KS-96
139	1	Treadle Lock Spring	B-58
140	1	Pin Guide	7KS-97

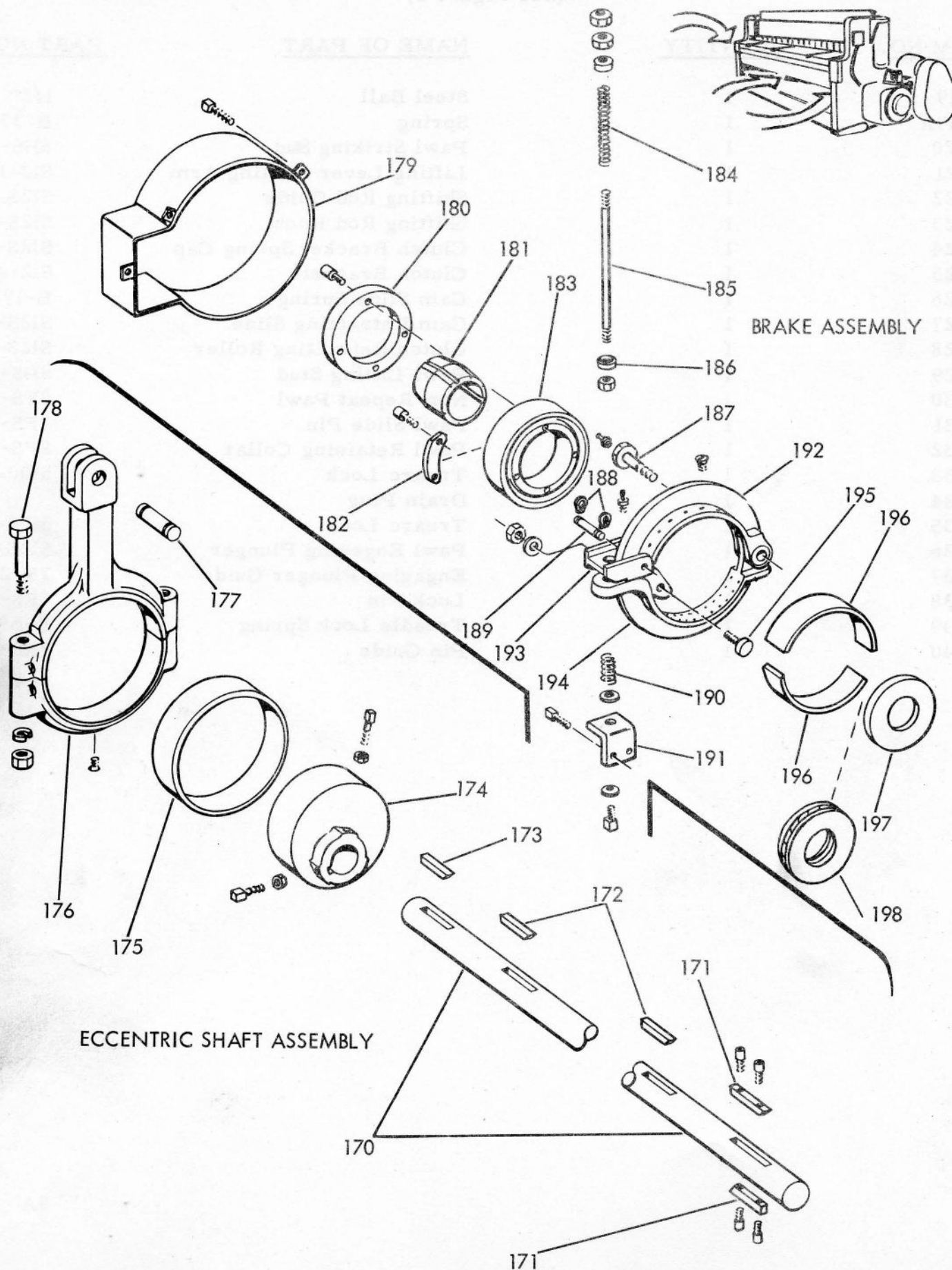


FIG. 3 ECCENTRIC SHAFT ASSEMBLY - BRAKE ASSEMBLY

ECCENTRIC SHAFT AND BRAKE ASSEMBLIES -1096

(See Figure 3)

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
170	1	Eccentric Shaft	7KS-113
171	2	Clutch Driving Keys	8BS-7
172	2	Eccentric Keys	S12S-35
173	1	Clamping Sleeve Key	
174	2	Eccentrics	7K-156
175	2	Eccentric Strap Bushings	S10-90
176	2	Eccentric Straps	S10-88 & 89
177	2	Connection End Pins	S10S-147
178	4	Eccentric Strap Bolts	
179	1	Brake Cover	S10S-142
180	1	Clamping Sleeve Collar	S10S-70
181	1	Brake Drum Clamping Sleeve	S10S-140
182	1	Brake Cam	S10S-68
183	1	Brake Drum	S10-67
184	1	Brake Springs	B-21
185	1	Spring Stud	S10S-76
186	2	Spring Stud Washers	8HS-102
187	1	Brake Pivot Stud	S10S-69
188	2	Truarc Locks	S100-87
189	1	Brake Arm Pivot Stud	S10S-75
190	1	Spring	B-2
191	1	Male Brake Shoe Stop	8HS-104
192	1	Female Brake Shoe	S10-41
193	1	Brake Cam Plate	S10S-72
194	1	Male Brake Shoe	S10-42
195	1	Cam Follower	CF-1-3/4
196	2	Brake Linings	1/4" x 2" x 13-1/2"
197	1	Oil Seal	61079
198	1	Thrust Bearing	G-45

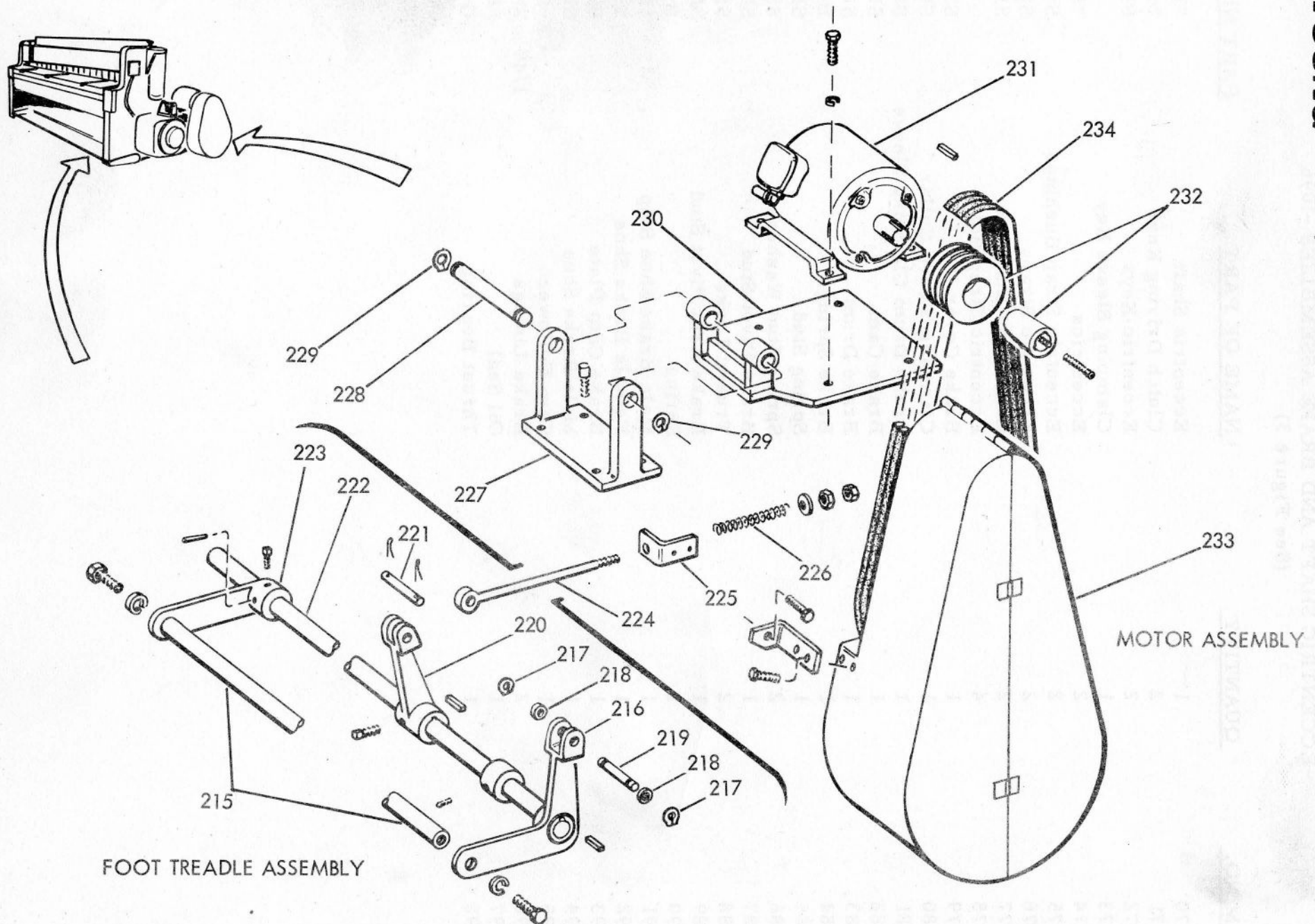


FIG. 4 FOOT TREADLE ASSEMBLY - MOTOR ASSEMBLY

FOOT TREADLE AND MOTOR ASSEMBLIES -1096

(See Figure 4)

<u>EM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
215	1	Foot Treadle	7KS-115
216	1	Clutch Pawl Lever	8H-24
217	2	Truarc Locks	5100-62
218	2	Pin Washers	8HS-59
219	1	Pawl Lever Pin	8HS-56
220	1	Treadle Spring Lever	S12-22
221	1	Spring Lever Pin	8HS-58
222	1	Foot Treadle Shaft	7KS-114
223	1	Foot Treadle Lever	7K-73
224	1	Treadle Spring Eyebolt	7KS-51
225	1	Treadle Spring Guide Bracket	7KS-99
226	1	Treadle Spring	B-28
227	1	Motor Bracket	8FS-26
228	1	Motor Base Pivot Shaft	8FS-27
229	2	Truarc Locks	5100-100
230	1	Motor Base	8FS-85
231	1	Motor -5 HP, 1800 RPM	215 Frame
232	1	Motor Pulley -4 Grooves, 4.6" P.D.	
233	1	Belt Guard	S10S-148
234	4	V-Belts	A-64

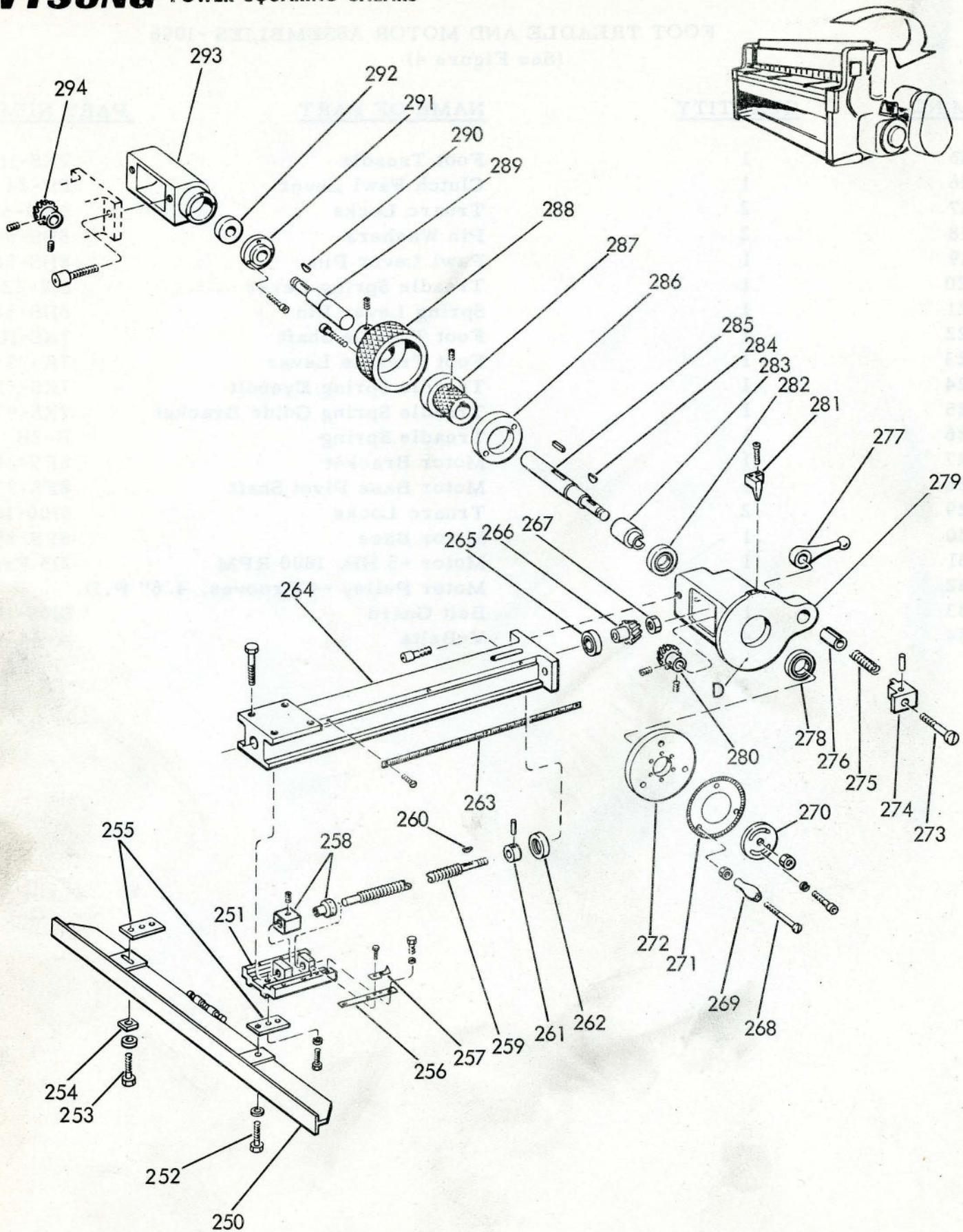


FIG. 5 BACK GAUGE ASSEMBLY

REAR OPERATED BACK GAUGE ASSEMBLY -1096

(See Figure 5)

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
250	1	Back Gauge Stop	7KS-181
251	2	Slides	7H-178
252	1	Shoulder Screw	7HS-170
253	1	Shoulder Screw	7HS-170
254	1	Rail Bushing	7HS-171
255	2	Slide Extensions	7HS-452
256	4	Slide Gibs	7HS-105
257	1	Back Gauge Indicator	7H-202
258	2	Driving Nuts	7H-200 and 201
259	2	Slide Screws	BGS-83
260	2	Keys	3/16 x 3/32
261	2	Screw Thrust Collars	7HS-112
262	2	Thrust Bearings	Aetna F-5-3/4
263	1	Scale	7HS-103
264	2	Rails	BG-2
265	2	Bearings	ND 88503
266	2	Screw Miter Gears	7HS-113
267	2	Nuts	3/8 Std.
268	1	Stud for Handle	7HS-107A
269	1	Handle	7HS-107
270	1	Dial Adjusting Plate	7HS-122
271	1	Measuring Dial	7HS-455
272	1	Dial	7H-405
273	1	Clamp Stud	7HS-545
274	1	Clamp Block	7HS-544
275	1	Spring	B-9
276	1	Locking Block	7HS-547
277	1	Locking Handle	7HS-546
278	1	Bearing	SKF 6206-2RS
279	1	Right-Hand Gear Housing	7H-431
280	1	Horizontal Miter Gear	7HS-114
281	1	Pointer	7H-408
282	1	Bearing	ND 88504
283	1	Bearing Spacer	7HS-576
284	1	Woodruff Key	808
285	1	Horizontal Drive Shaft	7HS-595
286	1	Locking Ring	7HS-484
287	1	Clutch Drum	7HS-168
288	1	Clutch Shoe	7H-173
289	1	Horizontal Shaft	7HS-189
290	1	Woodruff Key	808
291	1	Left-Hand Gear Housing Cap	7HS-247
292	1	Bearing	ND 88504
293	1	Left-Hand Gear Housing	7H-417
294	1	Horizontal Miter Gear	7HS-115

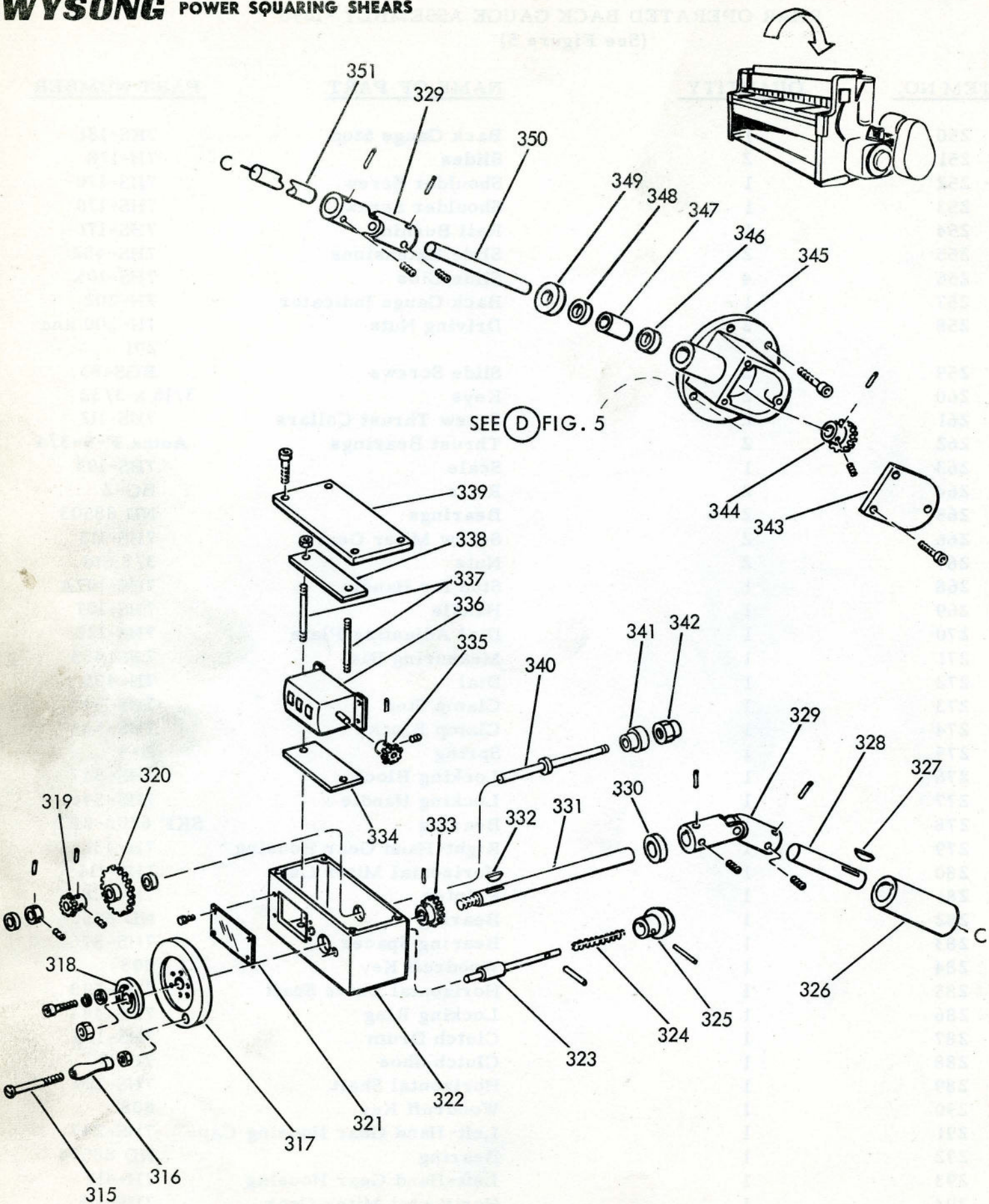


FIG. 6 FRONT - BACK GAUGE ASSEMBLY

FRONT BACK GAUGE ASSEMBLY (OPTIONAL)
(See Figure 6)

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
315	1	Stud for Handle	7HS-107A
316	1	Handle	7HS-107
317	1	Dial	7H-108
318	1	Dial Adjusting Plate	7HS-122
319	1	Miter Gear	7HS-324
320	1	Driven Gear	7HS-327
321	1	Measuring Box Dial Cover	7HS-332
322	1	Measuring Box	7H-273
323	1	Locking Pin	7HS-291
324	2	Springs	B-37
325	1	Locking Pin Handle	7HS-109
326	1	Drive Shaft Coupling	7HS-431
327	1	Woodruff Key	606
328	1	Upper Drive Shaft	7HS-144
329	2	Universal Joints	HTD-20-B
330	1	Collar	15/16" ID
331	1	Measuring Box Shaft	7HS-292
332	1	Woodruff Key	606
333	1	Drive Gear	7HS-328
334	1	Base for Veeder Root Unit	Rubber
335	1	Miter Gear	7HS-324
336	1	Veeder Root Unit	A-113033
337	2	Clamping Studs	7HS-329
338	1	Clamping Plate	7HS-330
339	1	Measuring Box Cover	7H-274
340	1	Driven Shaft	7HS-430
341	1	Adjusting Nut	7HS-429
342	1	Flex-Loc Nut	3/8"
343	1	Miter Gear Housing Cover	7H-127
344	1	Miter Gear	7HS-114
345	1	Miter Gear Housing	7H-133
346	1	Needle Bearing	BR-1012
347	1	Bearing Spacer	7HS-262
348	1	Needle Bearing	BR-1012
349	1	Collar	7HS-520
350	1	Miter Gear Shaft	7HS-133
351	1	Universal Drive Shaft	5/8" OD

