

Parts List

B-410 Model Disc Lathe

Form No. 77-4102

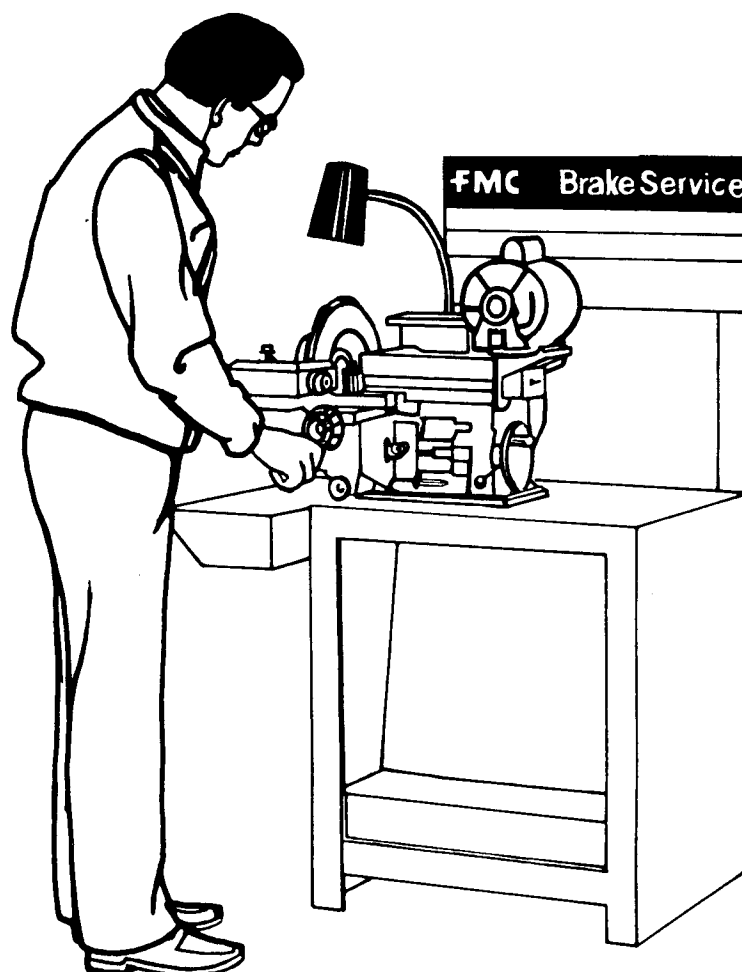


FIGURE 1—MAIN HOUSING GROUP

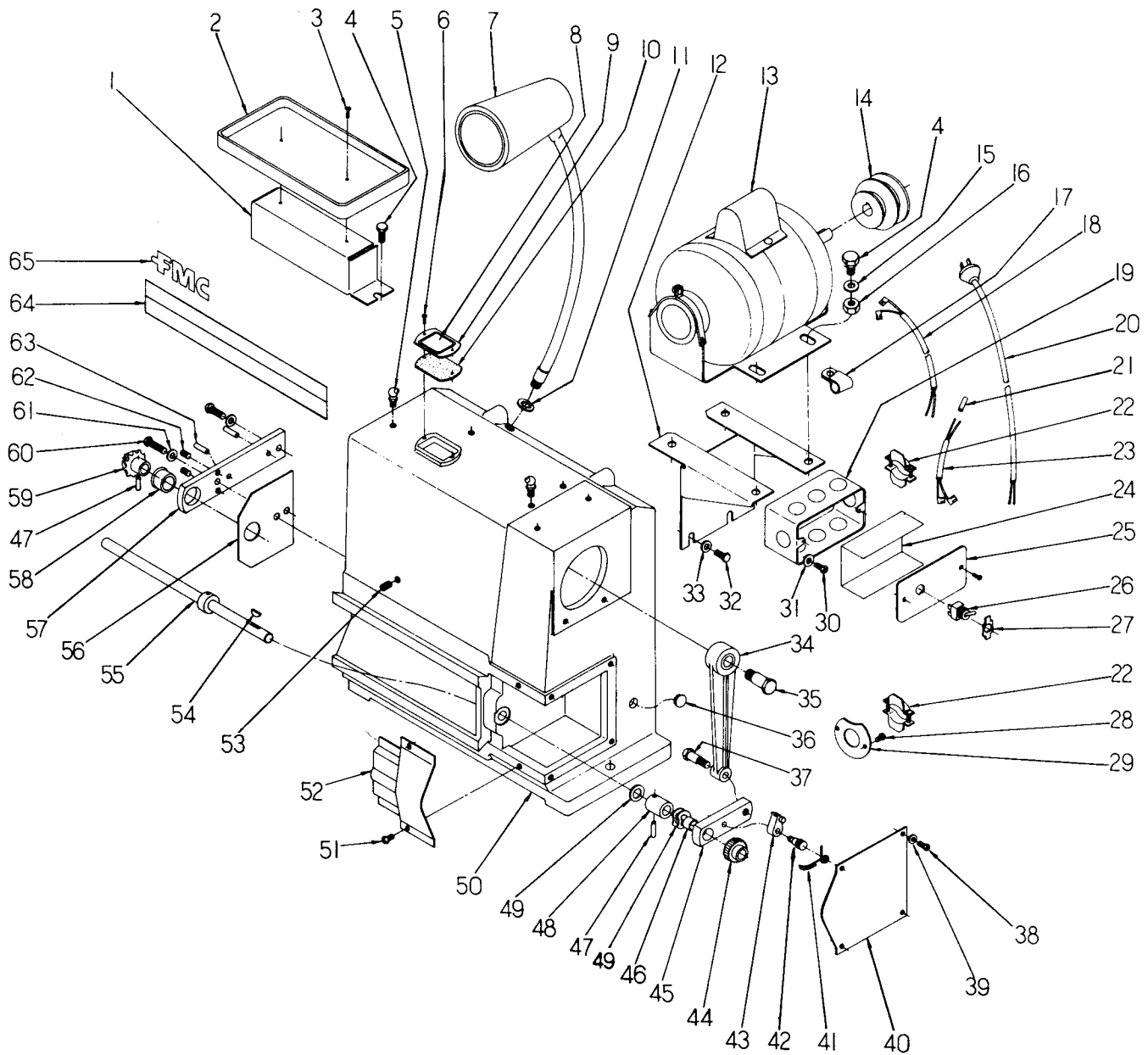


FIGURE 1—MAIN HOUSING GROUP

Ref. No.	Part No.	Description
1	8026010	Tray Support
2	2012550	Tool Tray
3	1177910	Self Tap Screw No. 8 - ½"
4	1106874	Capscrew, 5/16 - 18 x ¾" Long
5	1100759	Grease Fitting
6	1110598	Rd. Hd. Mach. Screw No. 8 - 32 x ¾"
7	2511339	Lamp Assem. Consisting of the following: 7006200 Light Bulb 40 - W 7007633 Shade 7007634 Reflector 7007635 Grommet 7007636 Socket with switch and Knob Use 2511300 Prior to Serial No.
8	8027155	Label, Oil Level
9	8025570	Cover
10	8025580	Seal, Cover
11	1104009	Washer, Lock ½ Int. Tooth
12	8026000	Motor Bracket
13	7501410	Motor, ½ H.P. 1725 RPM - 115 - 230 V60 Cycle
14	2011851	Two Step Pulley, ½ Bore
15	1100255	Plain Washer, 5/16 SAE
16	1182563	Hex Nut, 5/16 - 18
17	8027016	Clip, Cable
18	2511308	Wire Assem. Motor
19	7003780	Handy Box
20	17776	Cord and Plug Assem.
21	1177849	Splice - insulated
22	7007460	Relief Strain
23	2511309	Wire Assem., Switch
24	57336	Switch Box
25	7007618	Cover, Switch Plate
26	7007590	Switch
27	1206548	Plate, On- Off
28	1110598	Rd. Hd. Mach. Screw No. 8 - 32 x ¾"
29	8027015	Mtg. Plate Connector
30	1102518	Rd. Hd. Mach. Screw No. 8 - 32 x ¾ Brass

Ref. No.	Part No.	Description
31	1103990	Washer, Int. Teeth No. 8
32	1106830	Capscrew, ¼ - 20 x ½" Lg.
33	1107381	Plain Washer, ¼
34	2508641	Arm and Bearing Assem.
35	1013250	Cam Screw
36	8010720	Plug, Hole
37	1013230	Ratchet Arm Screw
38	1102518	Rd. Hd. Phillips Mach. Screw, No. 10 - 24 x ½ Lg.
39	8019851	Washer, Cover Plate
40	8027050	Cover Plate
41	6002061	Ratchet Spring
42	1013220	Pawl Pivot Pin
43	2011770	Ratchet Pawl
44	1013210	Ratchet Wheel
45	8027054	Plate - Pawl Mounting
46	1107861	Brg. Self Lube
47	1177683	Roll Pin 5/32 x ¾ Lg.
48	1016830	Collar
49	6002487	Washer, Spring
50	2013015	Housing Lathe
51	1115795	Rd Hd Phillips Mach. Screw, No. 10 - 24 x 5/16"
52	8019820	Ratchet Cover Assem.
53	1187817	Pipe Plug, ½" Socket Head
54	1177640	Woodruff Key, No. 340
55	2511312	Shaft Assem. Drive
56	8020755	Cover Plate
57	8026820	Support, Outboard Brg.
58	5001520	Bearing, Outboard
59	1016673	Gear, Miter
60	1106876	Screw, Cap Hex, 5/16 - 18 x 7/8 Lg.
61	1100242	Washer, Lock Med. 5/16
62	1103441	Screw, Set Hex. Soc. ¼-20 x ¾ Lg.
63	1101100	Roll Pin, ¼ x ¾ Lg.
64	8027262	Tape, Color Band
65	59081	Label, FMC

FIGURE 2—SPINDLE & WORM SHAFT GROUP

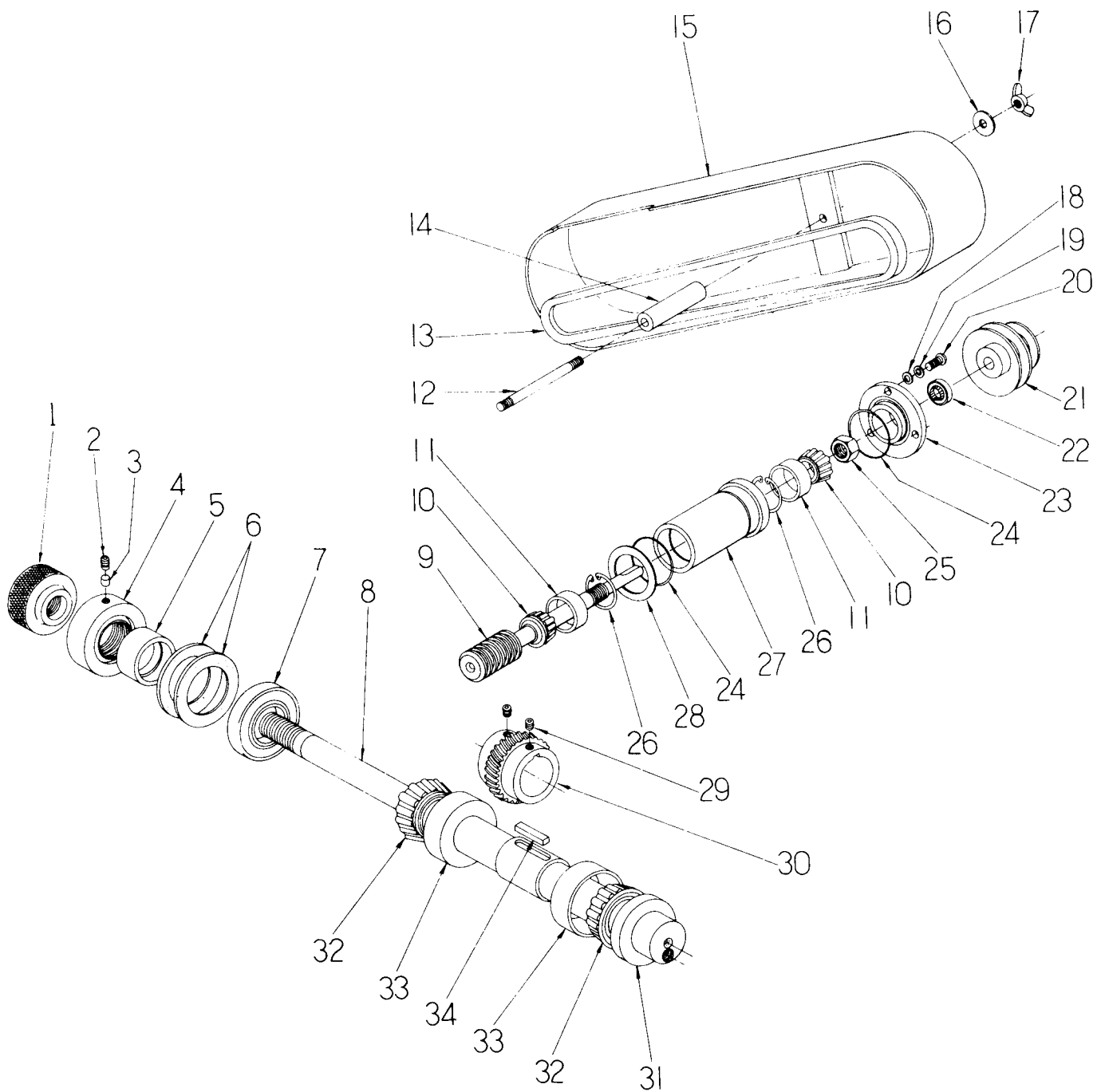


FIGURE 2—SPINDLE & WORM SHAFT GROUP

Ref. No.	Part No.	Description
1	1016659	Nut, Arbor
2	1103444	Soc. Hd. Set Screw, ¼" - 20 x ½"
3	8019069	Insert
4	1016661	Nut, Spindle Ret.
5	1016662	Spacer - Spindle Nut
6	5001131	Felt Spindle Seal, ⅛" Thick
7	1177745	Seal (Garlock 63 x 1207)
8	1013280	Spindle
9	1013291	Worm Shaft
10	1185181	Bearing Cone, Timken
11	1185182	Cup, Timken Bearing
12	1016260	Stud, Guard Mounting
13	1108465	Drive Belt
14	1016250	Spacer, Belt Guaard
15	2012880	Guard, Belt
16	1107381	Plain Washer, 5/16" SAE
17	1110023	Wing, Nut, 5/16" - 18
18	1107381	Plain Washer
19	1187949	Internal Lock Washer
20	1118317	Screw
21	2011850	Two-Step Pulley, ½" Bore
22	1177854	Seal (Garlock 63 x 53)
23	2012730	Retainer, Oil Seal
24	1270345	"O" Ring
25	1177853	Nut, ⅝" - 18 Esna Light
26	1118729	Retaining Ring (Snap Ring)
27	2011730	Bearing Retainer
28	8027122	Washer - Anti - Friction
29	1110868	Soc. Hd. Set Screw, No. 10 - 24 x 3/16"
30	2011750	Worm Gear
31	1177332	Seal (Garlock 63 x 931)
32	1177744	Bearing Cone (Timken)
33	1104643	Cup, Timken Bearing
34	1104334	Key, 3/16" Sq x. 1¼ Lg.

FIGURE 3—CROSS SLIDE CARRIAGE & TOOL POST GROUP

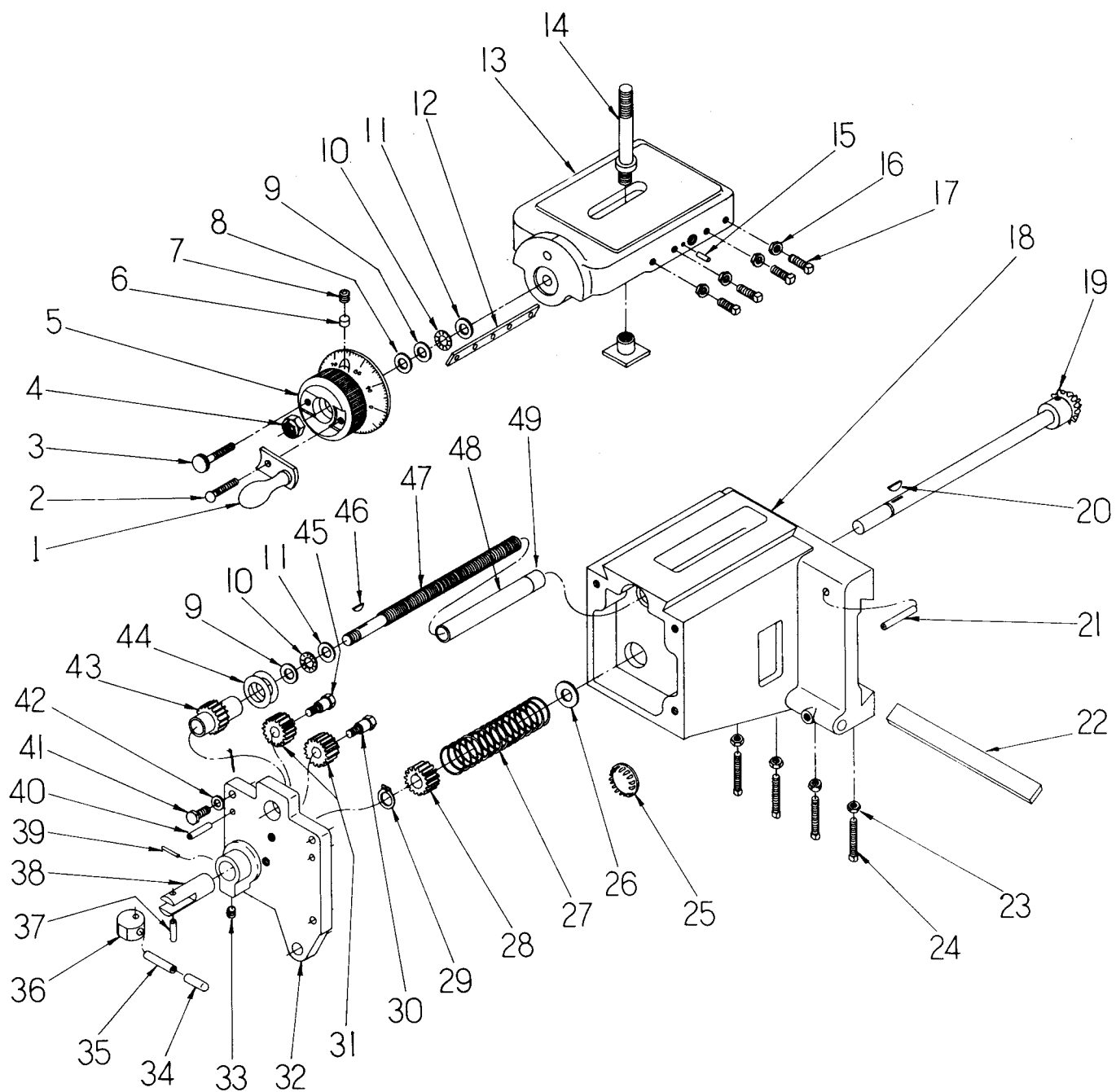


FIGURE 3—CROSS SLIDE CARRIAGE & TOOL POST GROUP

Ref. No.	Part No.	Description
1	2511220	Crank Assem.
2	1177619	Button Hd. Screw $\frac{1}{4}$ - 20 x 1"
3	1016380	Screw, Thumb
4	1177780	Locknut $\frac{3}{8}$ " - 24
5	2012741	Dial Wheel
6	8019060	Insert, Nylon
7	1103441	Set Screw $\frac{1}{4}$ " - 20 x $\frac{3}{8}$ "
8	8000360	Fibre Washer $\frac{3}{8}$ " ID. x $\frac{3}{4}$ O.D. x $1/64$ "
9	5001532	Race, Thrust
10	5001531	Bearing, Needle Thrust
11	5001533	Race, Thrust
12	8019671	Gib Cross Slide
13	2012027	Cross Slide
14	1006510	Stud Adjusting
15	1177799	Roll Pin $5/32$ x $\frac{1}{2}$
16	1109765	Hex Nut, No. 8 - 32
17	1015560	Gib Screw, No. 8 - 32 x $\frac{7}{8}$ " Long
18	2012900	Lathe Carriage
19	2511311	Gear and Shaft Assembly
20	1101203	Woodruff Key
21	1185470	Roll Pin
22	8009571	Carriage Gib
23	1109845	Hex Nut, No. 10 - 32
24	1015550	Gib Screw, No. 10 - 32 x $1\frac{3}{16}$ Lg.
25	1270382	Plug Hole $1\frac{1}{8}$

Ref. No.	Part No.	Description
26	1107372	Washer
27	6002450	Spring Compression
28	1016340	Gear Drive
29	1118804	Retainer Ring $\frac{1}{2}$ Ext.
30	1016460	Screw, Shoulder LH
31	1016330	Gear, Idler Spur
32	2012920	Cap, Carriage
33	1103437	Screw Set $\frac{1}{4}$ - 20 x $\frac{1}{4}$ Hex. Soc. Cup. Pt.
34	8027048	Cap Handle
35	1185348	Roll Pin $\frac{1}{4}$ x $1\frac{1}{4}$ Long
36	1026420	Cam
37	1120209	Roll Pin $3/16$ x $\frac{3}{4}$
38	1016410	Yoke, Cam
39	1177077	Roll Pin, $1/16$ x $7/16$
40	1187961	Roll Pin $5/32$ x 1
41	1100069	Screw, Cap Hex HD $\frac{1}{4}$ -20 x 1
42	1100241	Washer Lock, $\frac{1}{4}$ CD
43	1016320	Gear, Double Journal
44	8027211	Shim Plastic
45	1016450	Screw, Shoulder RH
46	1177639	Woodruff Key
47	1016440	Screw, Cross Slide Feed
48	1016654	Tube
49	1101326	Cap

STANDARD FACTORY WARRANTY

We warrant that each piece of new Automotive Equipment will be free from defects in material and workmanship for ninety days (System Hofmann balancers and accessories only, for one hundred eighty days) under normal use and service. THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE NOT EXPRESSLY SET FORTH HEREIN. We do not warrant equipment and accessories, such as electric motors, lamps, switches, etc., manufactured by other companies, as they are usually warranted separately by their respective manufacturers.

Any cause of action for breach of the foregoing warranty must be brought within one year from the date the alleged

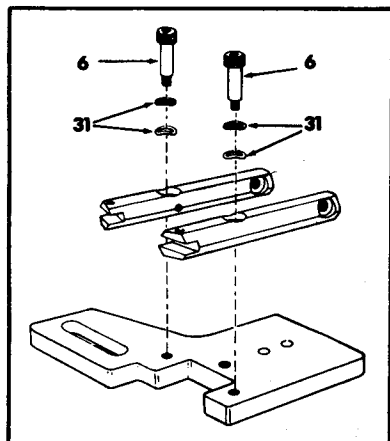
breach was discovered or should have been discovered, whichever occurs first.

Our liability for our products shall be limited to repairing or replacing parts found by us to be defective, or at our option, to refunding the purchase price of such products or parts. At our request, Buyer will send, at Buyer's expense, any allegedly defective parts to the plant which manufactured them.

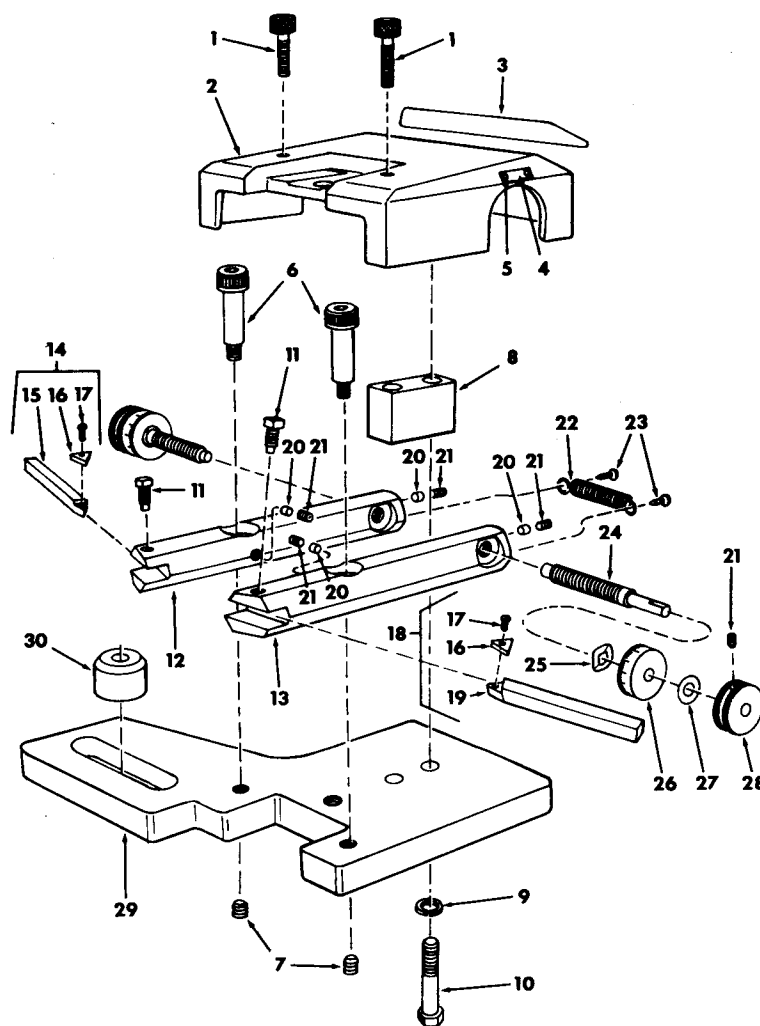
DISCLAIMER OF CONSEQUENTIAL DAMAGES

Seller shall not be liable for consequential damages arising out of or in connection with its products. Consequential damages shall include, without limitation, loss of use, income, or profit, loss sustained as the result of injury (including death) to any person, or loss of or damage to property (including property handled, processed or tested by our products).

FIGURE 4 — ROTOR-TRUER ASSEMBLY



EARLY ROTOR-TRUER DESIGN



Ref. No.	Part No.	Description
1	1016777	Screw, Tool Bar Lock
2	2013039	Cover, Tool Bar
3	8027129	Label, Name Plate
4	8027130	Plate, Feed Indicator
5	1118611	Screw, Indicator Plate Drive
6	1016780	Screw, Shoulder, Tool Bar Pivot
7	1187063	Screw, Socket Hd., 3/8"
8	8027124	Block, Striker
9	1103972	Washer, Lock, 3/8"
10	1106938	Screw, Hex. Hd. Cap, 3/8"-16 x 2-3/4", Striker Block
11	1101457	Screw, Sq. Hd. Set, 3/8"-16 x 5/8"
12	8027125	Bar, Tool, Right Hand
13	8027126	Bar, Tool, Left Hand
14	9010284	Bit Assy., Right Hand, Cat. No. 494 (includes indented items below)
15	8027134	Shank Only, Right Hand
16	8027158	Tip, Right Hand or Left Hand
17	1118027	Screw, Rd. Hd. Mach.
18	9010285	Bit Assy., Left Hand, Cat. No. 495 (includes indented items below)
16	8027158	Tip, Left Hand or Right Hand
17	1118027	Screw, Rd. Hd. Mach.
19	8027135	Shank Only, Left Hand
20	8019060	Insert, Nylon, Tool Bar
21	1112790	Screw, Socket Hd., 1/4"-20 x 3/8"
22	6002488	Spring, Tool Bar
23	1118669	Screw, Rd. Hd. Drive, #10
24	1016776	Screw, Micrometer
25	6002486	Wave Washer, Micrometer Screw, 25/64" I.D.
26	1016774	Dial, Micrometer
27	8000360	Washer, Thrust, Nylon, 3/8"
28	1016775	Knob, Micrometer
29	8027257	Support, Tool Bar
30	1016653	Spacer
31	6002487	Washer, Wave, Shoulder Screw — (early design)

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