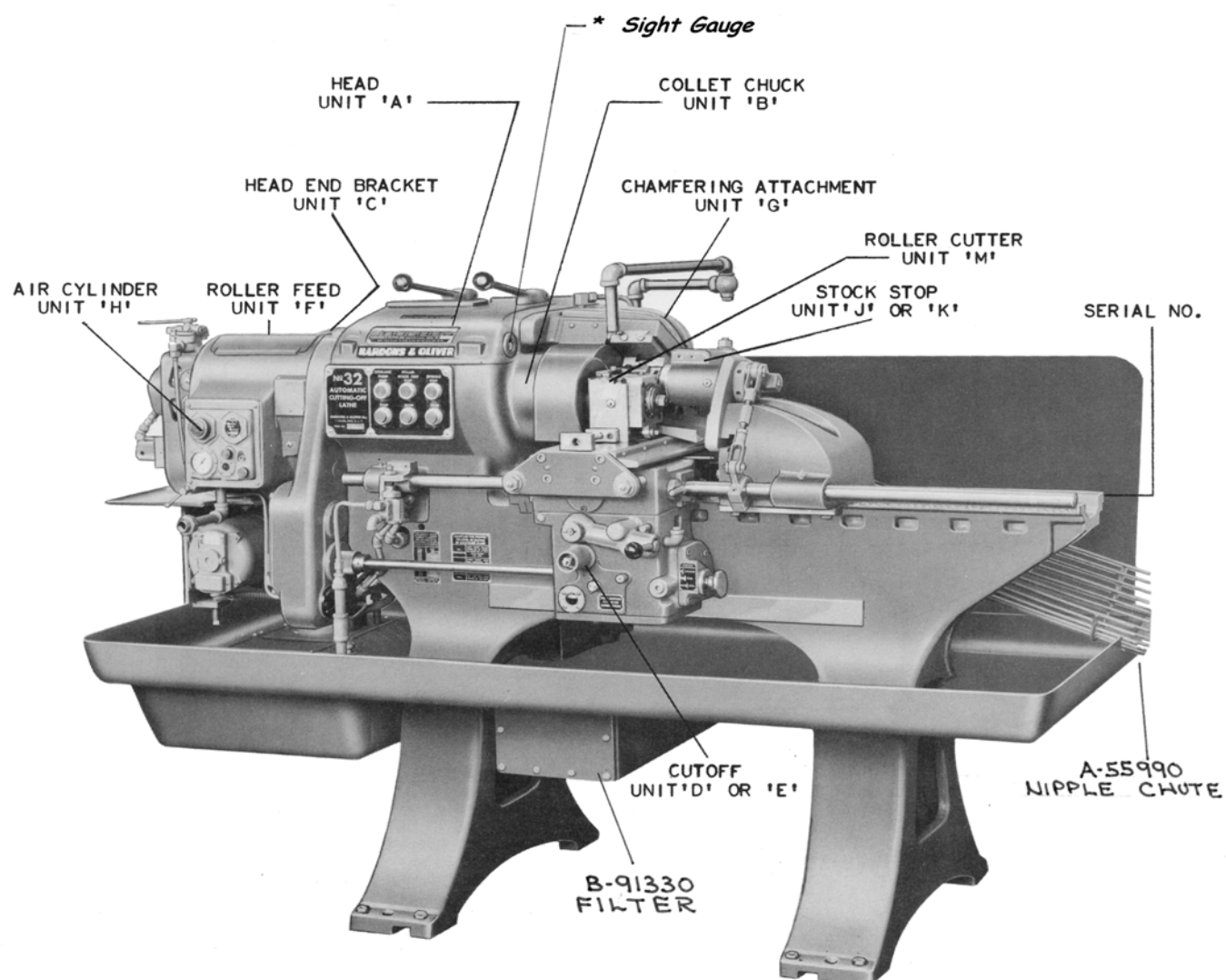
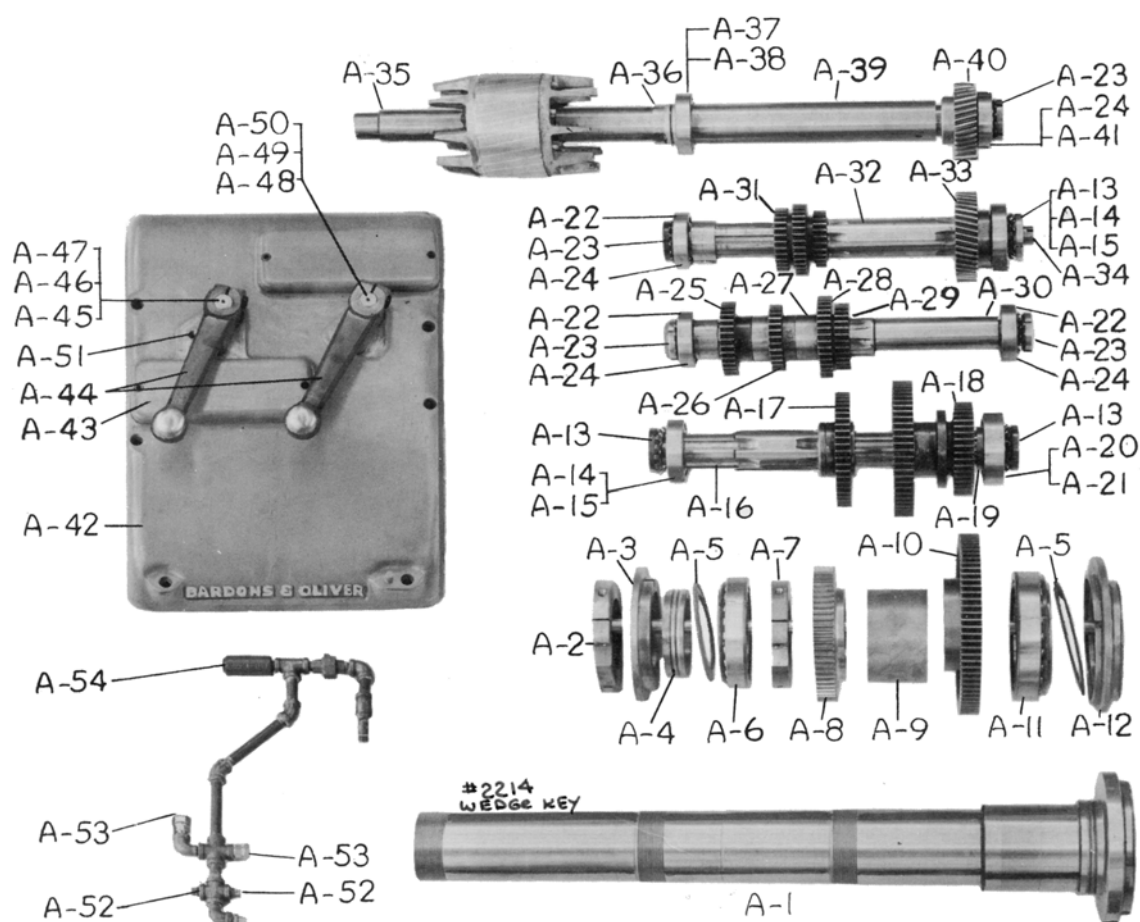




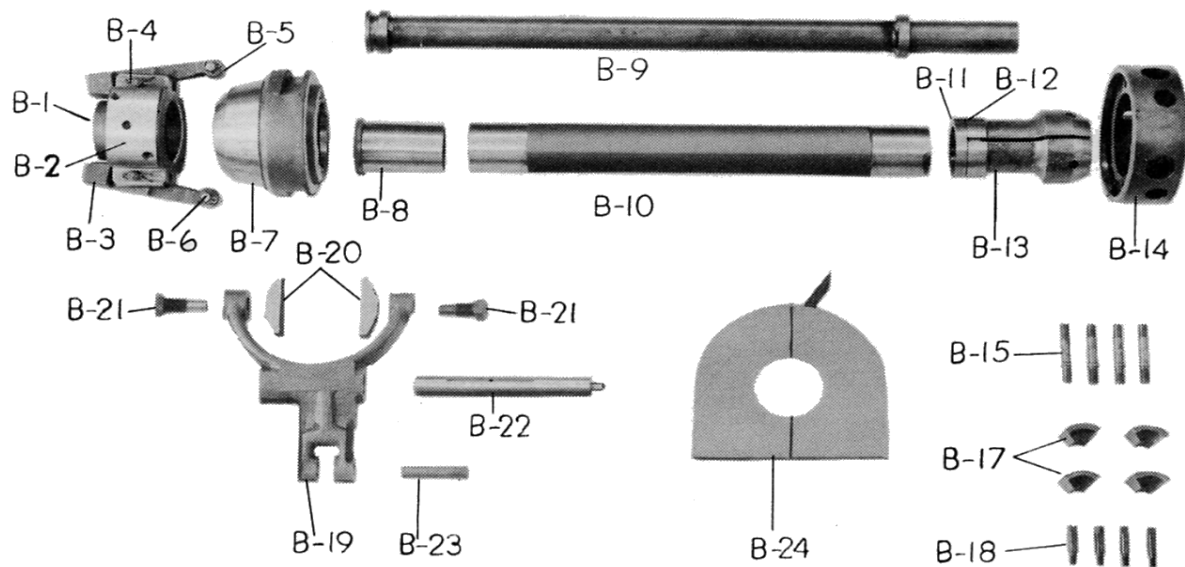
* OIL GAUGE
GAUGE GLASS
GASKET
GASKET

B-41415
B-41720
B-60018
B-60317



A-1	53661	Spindle
A-2	38143	Spindle Adjustment Nut
A-3	38145	Rear Bearing Closer
A-4	38144	Oil Retainer
A-5	38146	Oil Thrower
A-6	92748 / 49	Timken Cup
A-7	38142	Timken Cone
A-8	51891	Spindle Gear
A-9	47877	Spindle Gear Spacer
A-10	47866	Large Spindle Gear (90 T)
A-11	92760 / 61	Timken Cone
A-12	52208	Timken Cup
A-13	W08 / N08	Locking Tab Washer / Nut
A-14	91179	Bearing
A-15	47874	Spacer
A-16	53617	High & Low Shaft
A-17	53613	55 T Gear
A-18	51892	64 T / 37 T Cluster Gear
A-19	47876	Spacer
A-20	96771	Ball Bearing (308-S)
A-21	34387	Bearing Spacer
A-22	34388	Bearing Spacer
A-23	W07 / N07	Locking Tab Washer / Nut
A-24	95758	Ball Bearing (207-S)
A-25	41153	35 T Gear
A-26	41155	31 T Gear
A-27	47875	Spacer
For Spindle Speeds		
A-10	55858	Large Spindle Gear (84 T)
A-18	55859	64 T / 43 T Cluster Gear

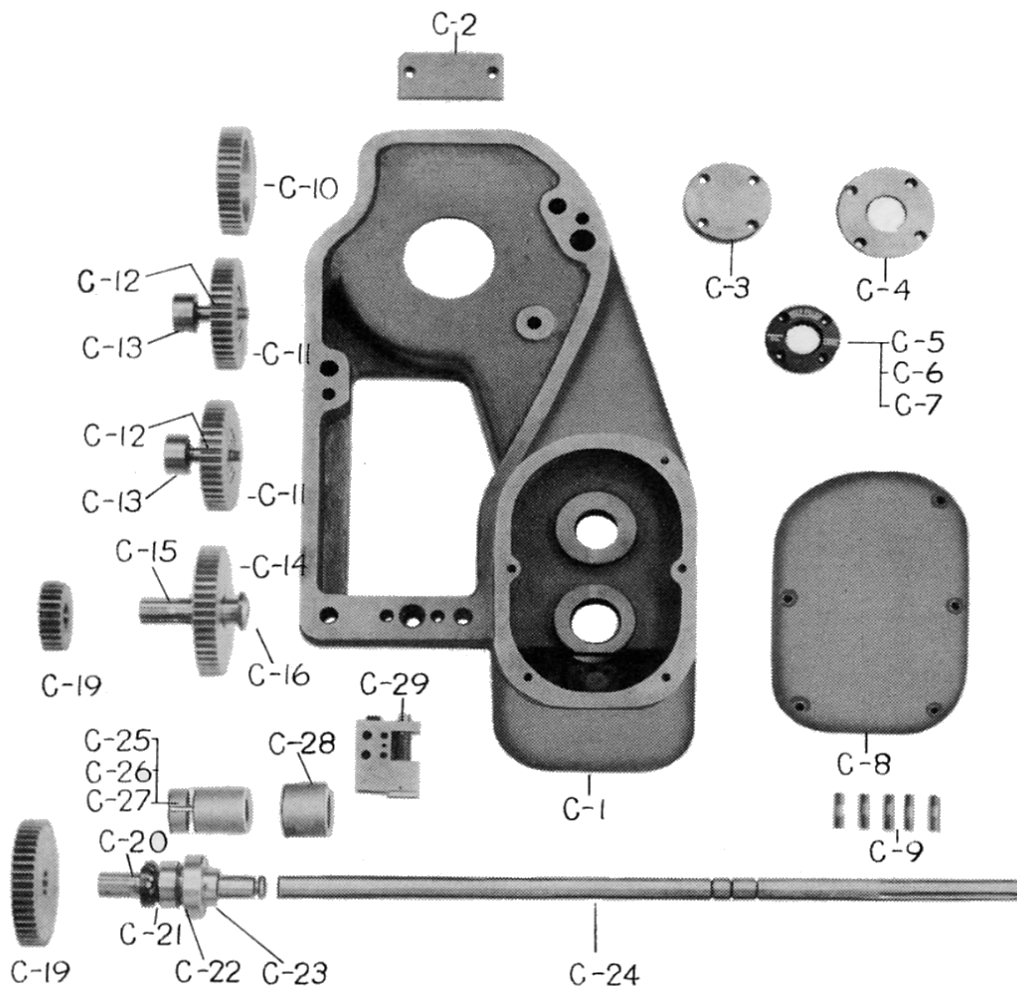
A-28	38156	39 T Gear
A-29	47872	31 T Gear
A-30	47878	Intermediate Shaft
A-31	41150	Three Gear Cluster
A-32	38139	Intermediate Shaft
A-33	47869	44 T Gear
A-34	62314	Pump Driver Starting @ Lot 168
A-35		<i>Made To Suit</i>
A-36	34531	Oil Retainer
A-37	34532	Bearing Spacer
A-38	93548	Body
A-39	38164	Spacer
A-40	47868	37 T Gear
A-41	34386	Bearing Spacer
A-42	84628	Housing
A-43	34333	Cover (Superseded By 84632)
A-44	34341	Gear Shift Lever
A-45	47887	Lever Shaft
A-46	47884	Gear Shift Lever
A-47	47885	Shifter Fork
A-48	34359	Lever Shaft
A-49	34342	Gear Shift Lever
A-50	46054	Shift Fork
A-51	42281	Detent Plug
A-52	62906	Spray Plug
A-53		Spray Nozzle
A-54		Relief Valve



B-1	56672	Finger Holder Ring
B-2	56671	Finger Holder
	56670	Finger Holder Assembly
B-3	58919	Finger-Only Not Sold Separately
	58919:ASM	Finger Assembly
B-4	63243	Finger Pivot Pin
B-5	54068	Roller Pin
B-6	54069	Finger Roller
B-7	73871	Wedge
B-8	54072	Abutment Sleeve
B-9	56393	Inner Plungers
B-10	39946	Plunger
B-11	38150	Hinge Ring

B-12	C-2144	Hinge Pin
B-13	64591	Collet And Hinge Ring Assembly
B-14	39940	Collet Ring
B-15	55875	Collet Ring Stud
B-16	99051	Compression Spring
B-17	68172	Collet Pads
B-18	85361	Collet Pad Screw
B-19	39088	Yoke
B-20	54044	Wedge Yoke Shoe
B-21	54067	Wedge Shoe Stud
B-22	53835	Yoke Pivot
B-23	41994	Pivot Pins
B-24	55890	Guard

T-Wrench 962 H

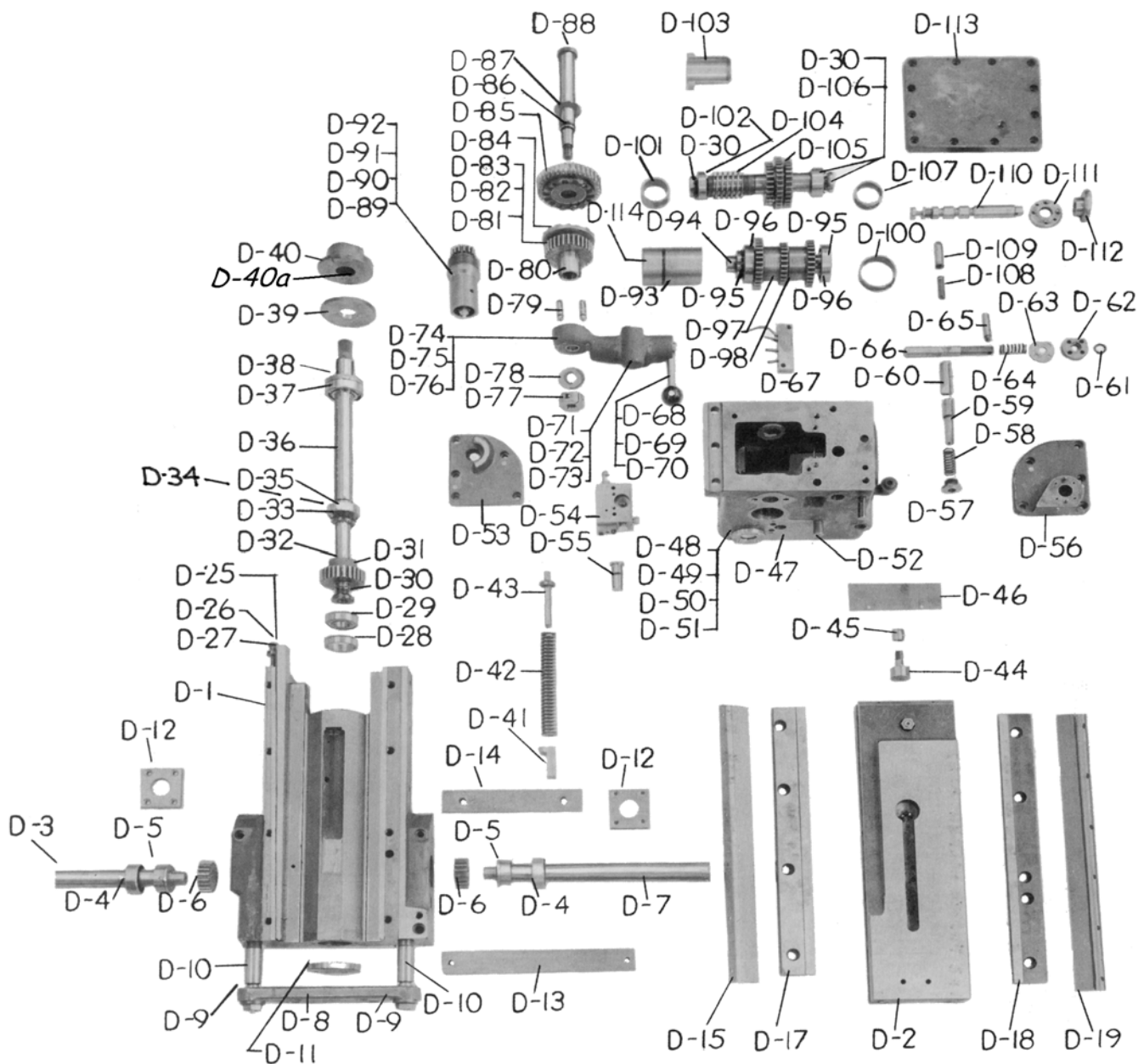


C-1	62014	Head End Bracket
C-2	34412	Top Cover
C-3	54000	Bearing Closer
C-4	54001	Bearing Closer
C-5	36350	Oil Gage Cover
C-6	36358	Oil Gage Glass
C-7	38359	Oil Gage Gaskets
C-8	53991	Cover
C-9	54005	Stud Bolt
C-10	53996	Spindle Gear
C-11	34415	Intermediate Gear
C-12	53997	Feed Gear Stud
C-13	119167	Bearing
C-14	53998	Gear
C-15	53995	47t Gear Stub

C-16	53999	Spacer
C-17	94912	Bearing
C-18	94911	Bearing
C-19	53994	Change Gears
C-20	61944	Feed Shaft Extension
C-21	W06 / N06	Locking Tab Washer / Nut
C-22	54002	Eccentric Cam
C-23	94913	Bearing
C-24	61945	Feed Shaft
C-25	61947	L.H. Safety Coupling
C-26	61946	R.H. Safety Coupling
C-27	61948	Shear Pin
C-28	61992	Sleeve
C-29	62010:ASM	Pump Assembly
	62010:KIT	Pump Rebuild Kit

Prior to lot 145 up to and including Serial 17664

C-20	53993	Feed Shaft Extension
C-22	54002	Eccentric Cam
C-24	54125	Feed Shaft
C-27	Shear Pin #4 Taper X 1-1/2" Lg.	
C-29	54007:ASM	Pump Assembly

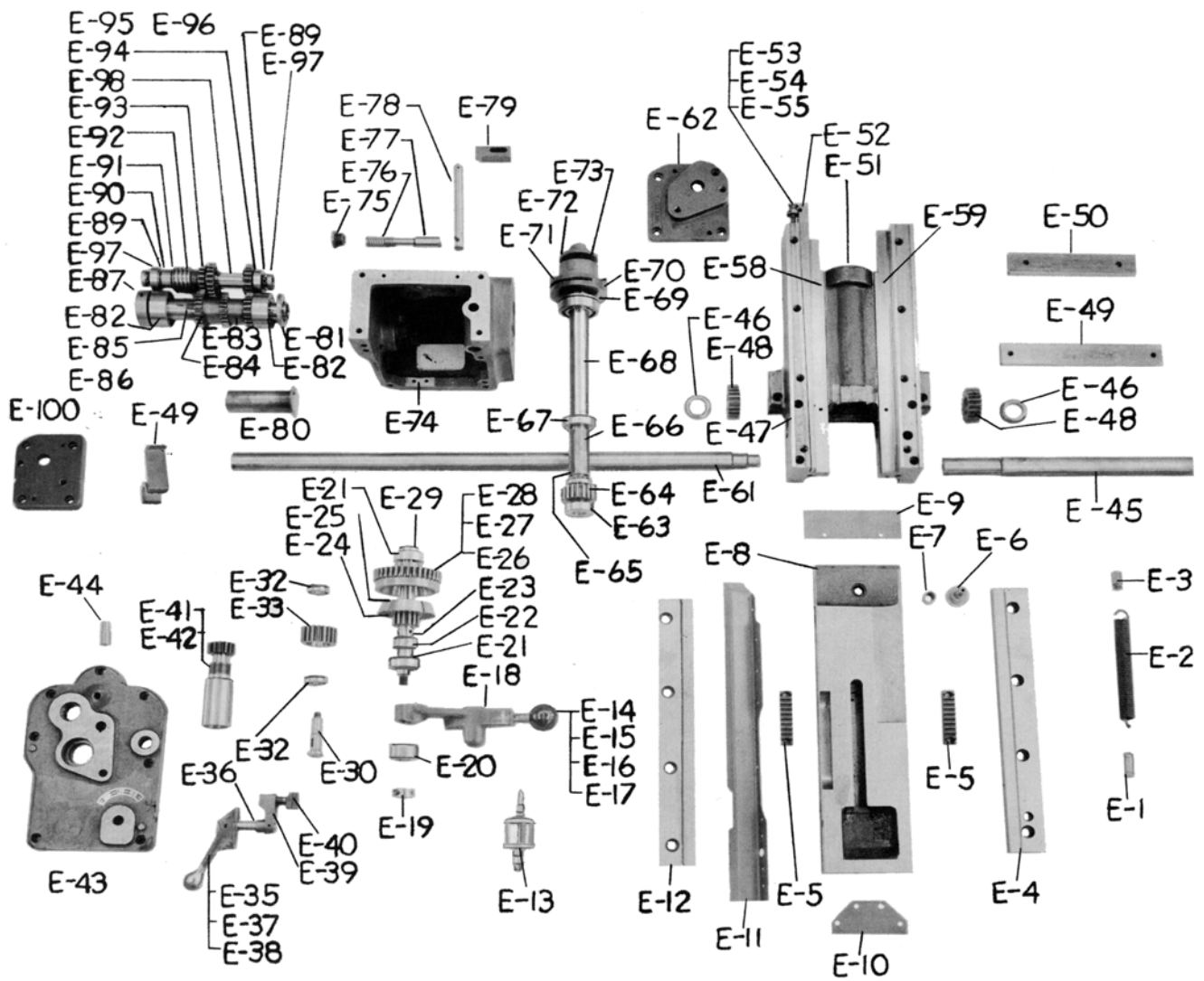


Required to install a new Cutoff Unit On a old No. 32 Cutoff Machines

- 1) Complete Cutoff Unit
- 2) Shaft to Air Valve
- 3) Shaft to Stock Stop
- 4) Feed Shaft
- 5) Shear Pin Coupling
- 6) Feed Shaft Extension
- 7) Change Gears (Pair)
 - a. 42-28T for Roller Cutter
 - b. 25-45T for Cutoff Blade

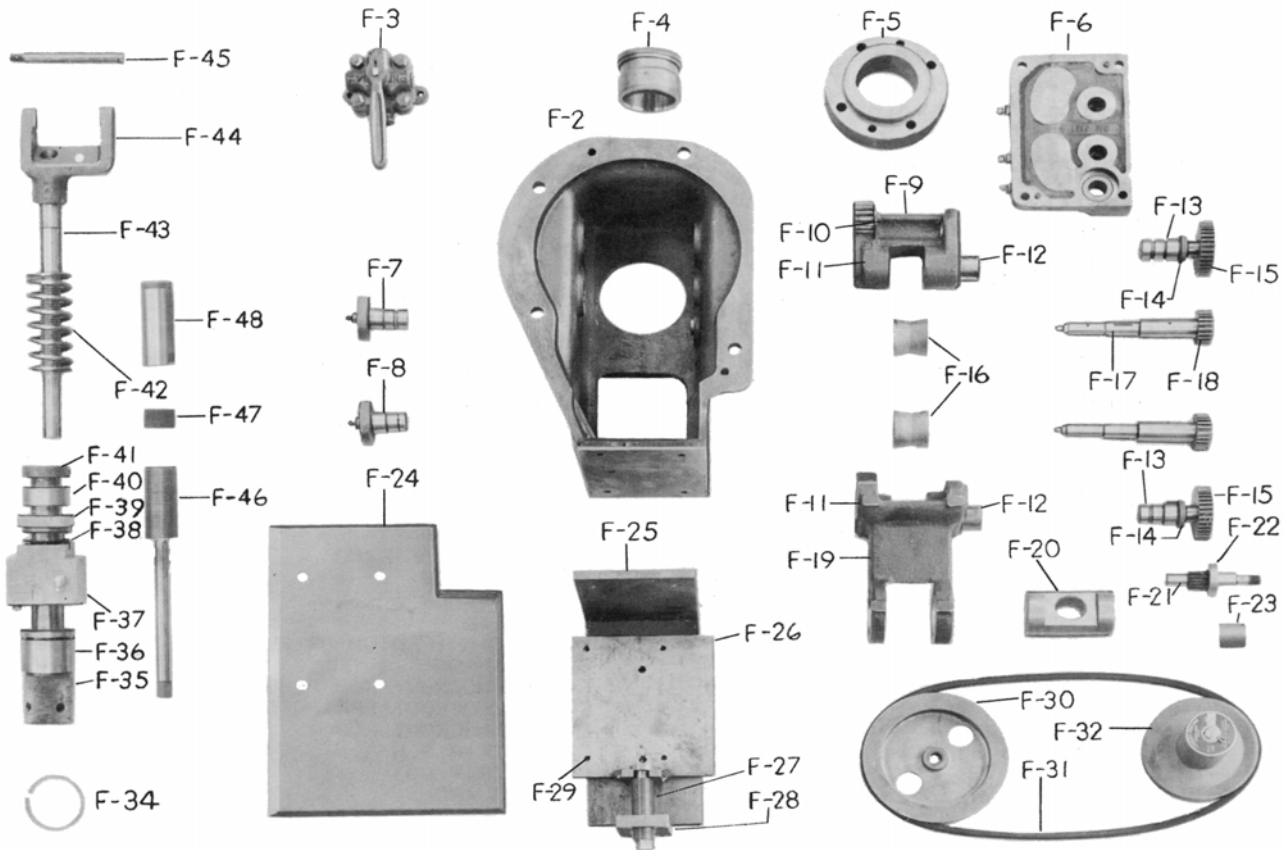
D-1	62201	Saddle
D-2	62202	Cross Slide
D-3	62281	Air Valve Shaft
D-4	62276	Bushing
D-5	62277	Sleeve
D-6	62275	Pinion
D-7	62280	Stock Stop
D-8	62207	End Plate
D-9	62286	Spacer
D-10	62278	Rack
D-11	62256	Cover
D-12	62279	Pinion Closure
D-13	62263	Front Cap
D-14	62264	Rear Cap
D-15	62675	L.H. Guard
D-16	62676	L.H. Strip
D-17	62268	Left Hand Slide Cap
D-18	62269	Right Hand Slide Cap
D-19	62674	R.H. Guard
D-20	62677	R.H. Strip
D-21	62274	Slide Way
D-22	62272	Saddle Way
D-23	62273	Saddle Way
D-24	42367	Steel Way Screw
D-25	62208	Taper Gib
D-26	C-860	Screw
D-27	C-847	Adjusting Nut
D-28	62257	Spacer
D-29	115240	Bearing
D-30	W04 / N04	Locking Tab Washer / Nut
D-31	62258	27t Gear
D-32	62259	Knockout Cam
D-33	W05 / N05	Locking Tab Washer / Nut
D-34	63298	Spacer
D-35	67621	Spring
D-36	62282	Cam Shaft
D-37	115241	Ball Bearing
D-38	62260	Spacer
D-39	53704	Spacer
D-40	55895	Cam Style 'R'
D-40a	60448	Key
D-41	62267	Pusher
D-42	94677	Spring
D-43	62266	Spring Guide
D-44	94678	Cam Follower
D-45	57529	Cross Slide Bushing
D-46	62265	Cam Guard
D-47	62200	Apron
D-48	41415	Oil Gage Cover
D-49	41720	Oil Gage Glass
D-50	60317	Oil Gage Gasket
D-51	60018	Oil Gage Gasket
D-52	31930	Stop Pin
D-53	62204	Left Hand Cover
	62250	Gasket
D-54	62244	Body
D-55	62248	Button
D-56	62203	Right Hand Cover
	62251	Gasket
D-57	31750	Knock Out Rod Plug
D-45	67286	Cross Slide Sleeve (Starting Lot 193)

D-58	31760	Knock Out Spring
D-59	62236	Knockout Rod
D-60	62253	Slide Lub. Plate
D-61	1820-11	O-Ring
D-62	62233	Retainer
D-63	62232	Spacer
D-64	42975	Knockout Spring
D-65	62234	Handle
D-66	62231	Plunger
D-67	62249	Detent
D-68	95020	Knob
D-69	61687	Feed Lever Rod
D-70	31917	Feed Lever Spring
D-71	61689	Feed Plunger
D-72	62230	Bushing
D-73	62229	Lever Shaft
D-74	43714	Lever Spring
D-75	62206	Feed Lever
D-76	95873	Bushing
D-77	62228	Nut
D-78	63331	Thrust Washer
D-79	62227	Pin
D-80	62226	Bushing
D-81	62224	Gear Clutch
D-82	62225	Pin
D-83	52222	Pawl Spring
D-84	62223	Clutch Ring
D-85	62209	Worm Gear
D-86	1820-15	O-Ring
D-87	62222	Thrust Washer
D-88	62221	Clutch Shaft
D-89	62241	Ring
D-90	62240	15t Gear
D-91	62210	Sleeve
D-92	62242	Pin
D-93	62212	Spacer
D-94	62211	Feed Shaft
D-95	W06 / N06	Locking Tab Washer / Nut
D-96	99964	Bearing
D-97	62213	26,32 Tooth Gear
D-98	62214	29t Gear
D-99	62888	Feed Shaft Plug
D-100	62215	Spacer
D-101	62217	Spacer
D-102	112565	Bearing
D-103	62220	Reservior
D-104	62216	Worm Shaft
D-105	62218	26,29,32 Tooth Gear
D-106	94518	Bearing
D-107	62219	Spacer
D-108	47474	Detent Spring
D-109	62239	Shift Rod
D-110	62237	Shift Rod
D-111	62238	Retainer
D-112	57121	Knob
D-113	62205	Bottom Cover
	62252	Gasket
D-114	113393	Oil Seal
	62262	Apron Gasket
	63867	Crank Handle
	74757	Chip Trough



E-1	53708	Spring Retainer
E-2	53919	Slide Spring
E-3	53707	Spring Retainer
E-4	53734	Saddle Cap Front
E-5	53710	Rack
E-6	94678	Cam Follower
E-7	57529	Cross Slide Bushing
E-8	53740	Slide
E-9	55930	Cam Guard
E-10	54833	Slide Cover
E-11	55931	Saddle Guard
E-12	53733	Saddle Cap Rear
E-13		Gratvity Feed Oiler
E-14	98909	Bakelite Ball
E-15	39216	Cross Feed Lever Handle
E-16	56374	Lever Arm Spring
E-17	35457	Feed Lever Plunger
E-18	41400	Feed Lever
E-19	36115	Friction Shaft Nut
E-20	31804	Feed Lever Cam
E-21	95762	Bearing
E-22	36258	Friction Bolt Spacer
E-23	41416	Friction Gear Bushing
E-24	53721	Friction Gear
E-25	34201	Friction
E-26	38321	Worm Gear
E-27	34956	Friction Plug
E-28	34957	Friction Spring
E-29	41372	Friction Bolt
E-30	41414	Idler Gear Stud
E-31	41412	Washer
E-32	95883	Bearing
E-33	53717	Idler Gear
E-34	53725	Washer
E-35	42908	Gear Shift Lever
E-36	41411	Lever Stud
E-37	31945	Gear Shift Lever Spring
E-38		Steel Ball
E-39	56631	Shifter Arm
E-40	56630	Gear Shifter
E-41	53724	Sleeve
E-42	53722	14T Gear
E-43	53737	Apron Cover
E-44	31930	Stop Pin
E-45	53917	Stock Stop Shaft
E-46	53916	Shaft Spacer
E-47	53915	Bushing
E-48	53716	Pinion
E-49	53711	Lower Cap
E-50	53712	Lower Cap

E-51	53739	Saddel
E-52	53709	Taper Gib
E-53	847	Adjusting Nut
E-54		Jam Nut
E-55	860	Screw
E-56	53725	Washer
E-57	53730	Slide Way
E-58	53731	Saddle Way
E-59	53732	Saddle Way
E-60	42367	Steel Way Screw
E-61	53876	Air Valve Shaft
E-62	55193	Apron End Cover
E-63	112565	Bearing
E-64	109443	Ball Bearing
E-65	W05 / N05	Locking Tab Washer / Nut
E-66	53705	Spacer
E-67	94912	Bearing
E-68	55509	Cam Shaft
E-69	115241	Ball Bearing
E-70	53706	Spacer
E-71	53704	Spacer
E-72	56686	Medium Cam
E-73	55524	Coarse Cam
E-74	53738	Apron
E-75	31750	Knock Out Rod Plug
E-76	61666	Knockout Spring
E-77	31814	Knock Out Rod
E-78	53713	Trip Pin
E-79	54912	Trip Dog
E-80	56605	Guard
E-81	36243	Bearing Retainer
E-82	119067	Bearing
E-83	55833	Gear
E-84	55832	Gear
E-85	53727	Feed Shaft
E-86	55289	Spacer
E-87	41379	Seal Cup
E-88	41380	Bearing Spacer
E-89	91219	Bearing
E-90	56493	Spacer
E-91	56494	Spacer
E-92	38322	Worm
E-93	55835	Cluster Gear
E-94	55834	Clutch Gear
E-95	55836	Bearing
E-96	55837	Spacer
E-97	W03 / N03	Locking Tab Washer / Nut
E-98	56495	Worm Shaft
E-99	56284	Worm Lubrication Pan
E-100	52907	Feed & For. Trav. Block

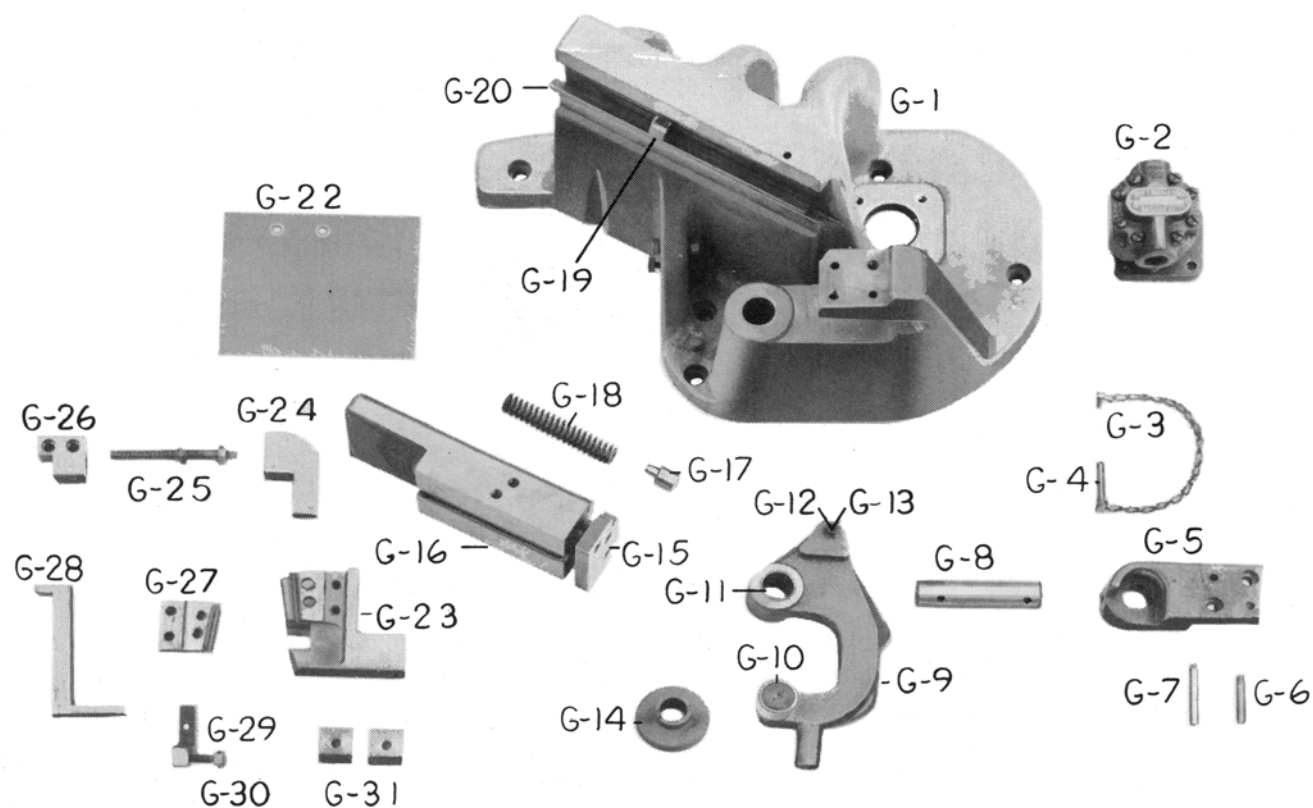


F-1	53831	Bracket
F-2	53832	Housing
F-3	96940	Valve
F-4	56385	Guide Bushing
F-5	53841	Guide Collar
F-6	53833	Cover Plate
F-7	53836	Yoke Stud
F-8	61653	Yoke Stud
F-9	41986	Upper Yoke
F-10	61482	Yoke Guard
F-11	62400	Bushing
F-12	62399	Bushing
F-13	53837	Stud
F-14	53840	Bushing
F-15	34704	Internal Gear
F-16	34701	Roller (Steel)
F-17	34702	Roller Shaft
F-18	34703	Gear
F-19	41985	Lower Yoke
F-20	41989	Stud
F-21	53838	Pinion Shaft
F-22	53839	Spacer
F-23	125005	Roller Bearing
F-24	55205	Motor Guard
F-25	55389	Bracket
F-26	55390	Mounting Plate

Alternate Rollers

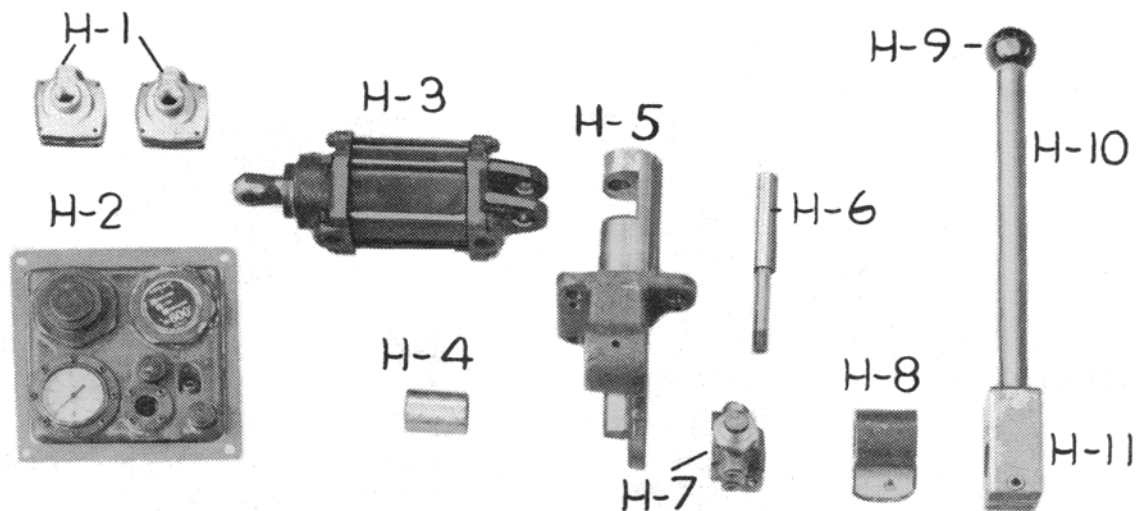
F-16	54800	Roller For Small Dia. Work
F-16	56256	Roller (Bronze)
F-16	34701-1	Roller (Ryertex)
F-16	34701-2	Roller (Fibre)
F-16	34701-3	Roller (Meehinite)

F-27	55399	Adjusting Screw
F-28	55400	Screw Bracket
F-29	55621	Stud
F-30	41983	Sheave
F-31		Belt Texrope Belt (4-L-380)
F-32	96939	Pulley
F-33	55388	Belt Guard
F-34	94434	Piston Ring
F-35	56679	Nut Shaft
F-36	56680	Sleeve
F-37	53843	Disconnect Cylinder
F-38	112504	Hat Cup Seal
F-39	53844	Cylinder
F-40	41988	Spacer
F-41	41993	Spring Nut
F-42	36491	Spring
F-43	53846	Adjusting Screw
F-44	53834	Connecting Link
F-45	56676	Pivot Pin
F-46	61476	Stop Screw
F-47	61799	Rubber Disc
F-48	61475	Bumper
	F-49	54346 Filler Piece (Hand machine only)
F-50	53851	Cover
F-51	56542	Cover



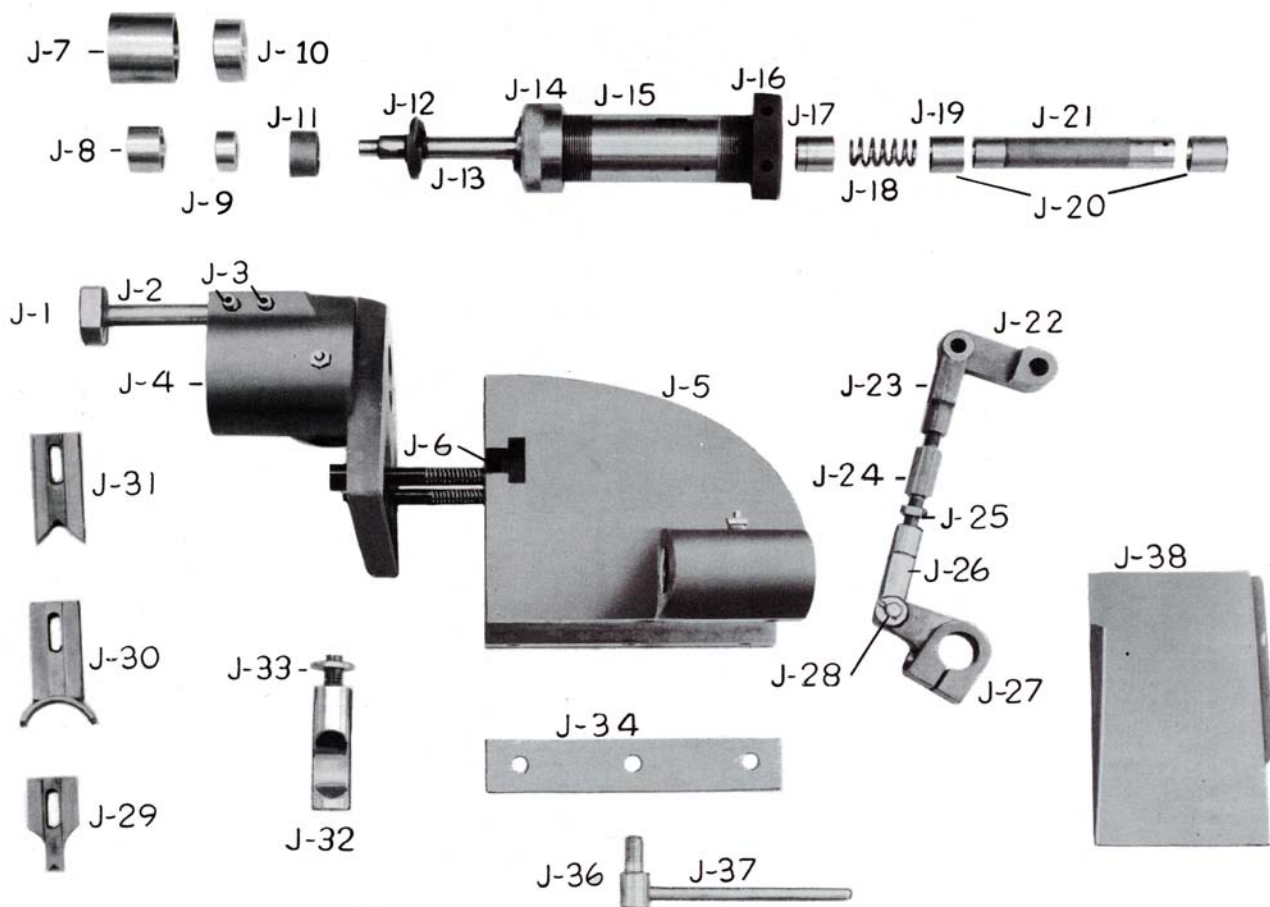
G-1	63291	Bracket
G-2	68492	Gear Pump
G-3	NLA	Steel Sash Chain
G-4	55966	Slide Stop Pin
G-5	62308	Bracket Arm
G-6	62305	Taper Pin
G-7	62306	Taper Pin
G-8	62307	Pin
G-9	55506	Arm
G-10	113758	Cam Follower
G-11	55506	Arm
G-12	55515	Roller
G-13	55516	Roller Pin
G-14		Cam
G-15	55511	Slide Plate
G-16	55507	Tool Slide

G-17	55510	Spring Guide
G-18	122931	Spring
G-19	55512	Spring Stop
G-20	55528	Taper Gib
G-21	34399	Gib Screw
G-22	55891	Guard
G-23	55853	Tool Holder
G-24	55855	Adjuster Block
G-25	55857	Adj. Screw
G-26	55856	Stop Block
G-27	55854	Cutter Block
G-28	55598	Tool Setting Gage
G-29	55924	Strip
G-30	55925	Back Up Screw
G-31	54815	Tee Nut
G-32		



H-1	96941	Quick Exhaust Valve
H-2	90752	Rfl Unit
H-3	42005-1	Cylinder Retrofit
H-4	53875	Bushing
H-5	53872	Air Valve Bracket
H-6	53874	Cylinder Connector Stud

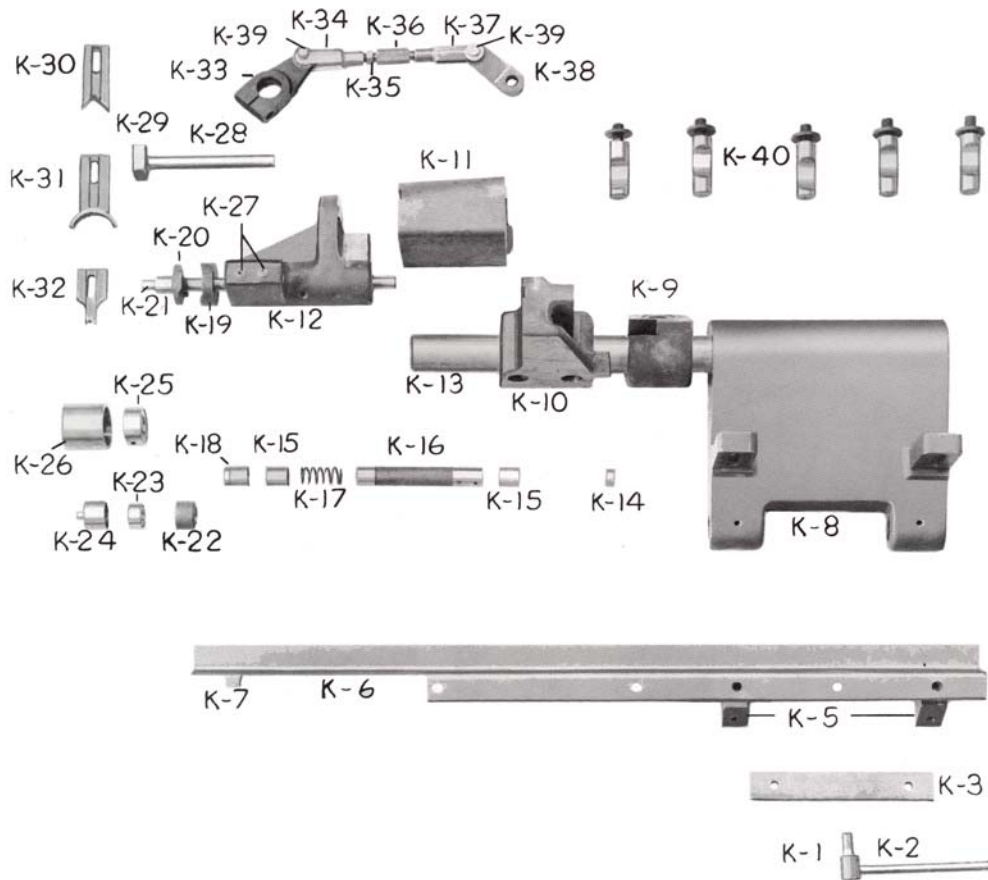
H-7	93401	Valve
H-8	55761	Air Valve Lever
H-9	98909	Bakelite Ball
H-10	28513	Lever
H-11	28514	Lever Head



J-1	56115	Stripper Block
J-2	56114	Stripper Support Shaft
J-3	55982	Shoe
J-4	56836	Stock Stop Bracket
J-5	56829	Stock Stop Saddle
J-6	32059	Tee Nut
J-7	54875	Stop (For Large Dia. Work)
J-8	55283	Stop (For Small Dia. Work)
J-9	88670	Piston Ring
J-10	88677	Bearing
J-11	55284	Spacer
J-12	55286	Cam
J-13	56857	Cam Shaft
J-14	56855	Adjustment Nut
J-15	62929	Shaft
J-16	56853	Locking Nut
J-17	56851	Adjusting Shaft Spacer
J-18	C-1508	Spring
J-19	55282	Spacer

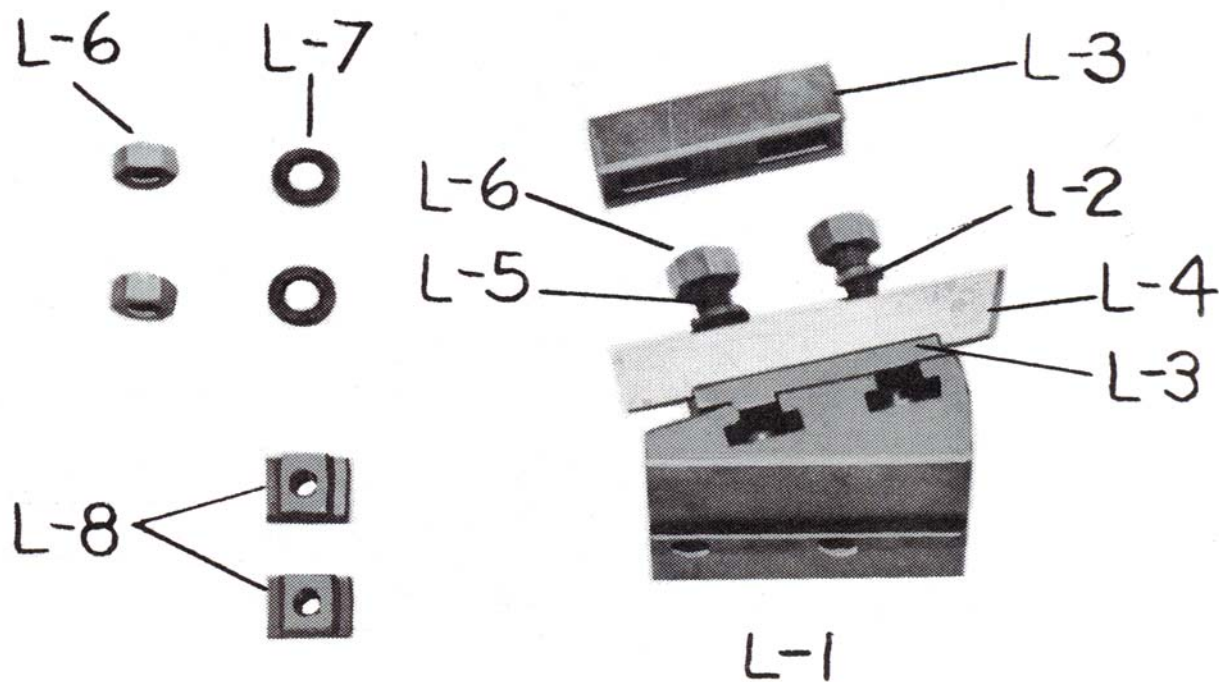
J-20	55317	Bushing
J-21	52334	Cam Shaft Bushing
J-22	53555	Cam Shaft Lever
J-23	117160	Left Hand Adjustment Yoke End
J-24	53556	Adjustment Screw
J-25	1/2-20 UNF	Jam Nut
J-26	117161	Right Hand Adjustment Yoke End
J-27	56844	Shaft Lever
J-28	53557	Adjustment Screw
J-29	56533	Stripper
J-30	55918	Stripper
J-31	55920	Stripper
J-32	56854	Binder Bolt
J-33	C-1060	Washer
J-34	56861	Saddle Cap
J-35	56862	Front Saddle Cap
J-36	52341	Clamp Screw
J-37	52342	Clamp Handle Screw
J-38	62678	Work Trough

J-15 56850 Adjusting Shaft **Replaced**
J-17, J-19, J-20, J-21 Not Used
When Using J-15 (62929)



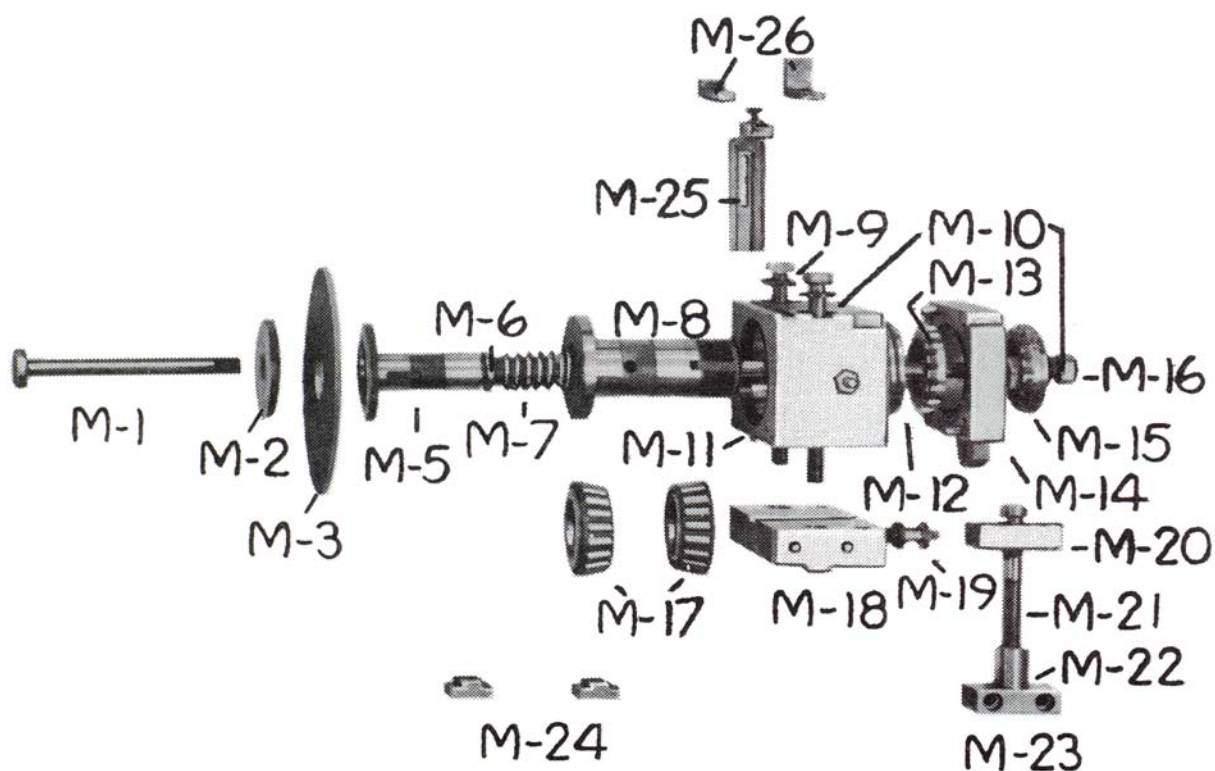
K-1	52341	Clamp Screw
K-2	52342	Clamp Handle Screw
K-3	52328	Saddle Cap Front
K-4	52329	Saddle Cap Rear
K-5	53559	Vee Block
K-6	53560	Trough
K-7	55415	Work Chute Rest
K-8	53563	Saddle
K-9	53610	Adjustment Bracket
K-10	53562	Stock Stop Bracket
K-11	55889	Stock Stop Extension
K-12	53561	Stock Stop Arm
K-13	52332	Arm Shaft
K-14	53609	Adjustment Screw Collar
K-15	55317	Bushing
K-16	52334	Cam Shaft Bushing
K-17	C-1508	Spring
K-18	55282	Spacer
K-19	52336	Inner Cam
K-20	55286	Cam

K-21	55285	Cam Shaft
K-22	55284	Spacer
K-23	88676	Bearing
K-24	55283	Stop
K-25	110239	Bearing
K-26	54875	Stop
K-27	55982	Shoe
K-28	56114	Stripper Support Shaft
K-29	56115	Stripper Block
K-30	55920	Stripper
K-31	55918	Stripper
K-32	56533	Stripper
K-33	56844	Shaft Lever
K-34	117161	Right Hand Adjustment Yoke End
K-35	1/2-20 UNF	Jam Nut
K-36	53556	Adjustment Screw
K-37	117160	Left Hand Adjustment Yoke End
K-38	53555	Cam Shaft Lever
K-39	53557	Adjustment Screw
K-40	52340	Binder Bolt



L-1	54842	Toolholder Base
L-2	49113	Tee Bolt
L-3	See Below	
L-4	To Suit	
	54906	Blade Holder
	55909	Blade Holder

L-5	49114	Washer
L-6	1/3/2013	Hex Nut
L-7	1058	Washer
L-8	63945	Tee Nut



M-1	56416	Bolt
M-2	56420	Clamp
M-3	55905	Cutter
M-4	61191	Pin
M-5	56417	Cutter Shaft
M-6	56418	Spring Washer
M-7	56426	Spring
M-8	56421	Bearing Shaft
M-9	1/2-13 X 6"	Hex Cap Screw
M-10	1069	Washer
M-11	55869	Block
M-12	55873	Spacer
M-13	W09 / N09	Locking Tab Washer / Nut

M-14	55871	Bearing Closer
M-15	56419	Spring Return
M-16	1/2-13 UNC	Hex Nut
M-17	114136 / 110785	Bearing: Cup/ Cone
M-18	55870	Base Plate
M-19	55843	Adjustment Screw
M-20	55872	Adjusting Screw Cap
M-21	55842	Large Adjusting Screw
M-22	55964	Screw Sleeve
M-23	55844	Cutter Block
M-24	55607	Tee Nut
M-25	67487	Stripper Rest
M-26	55904	Stripper