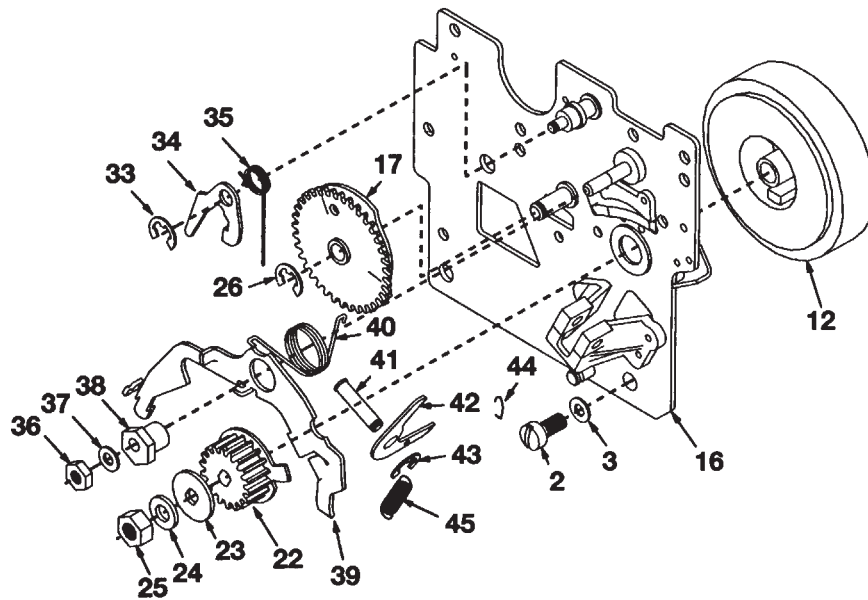
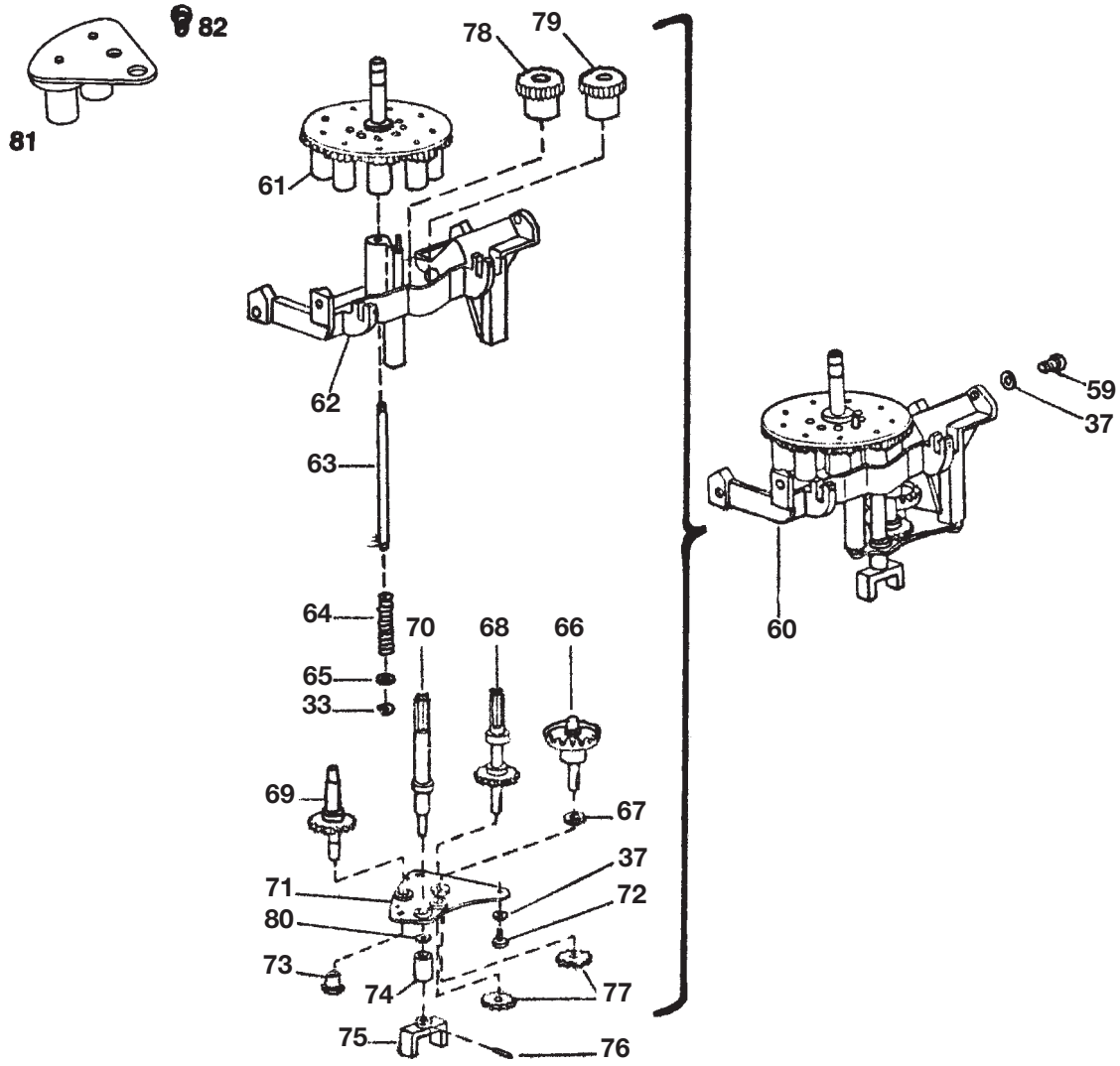
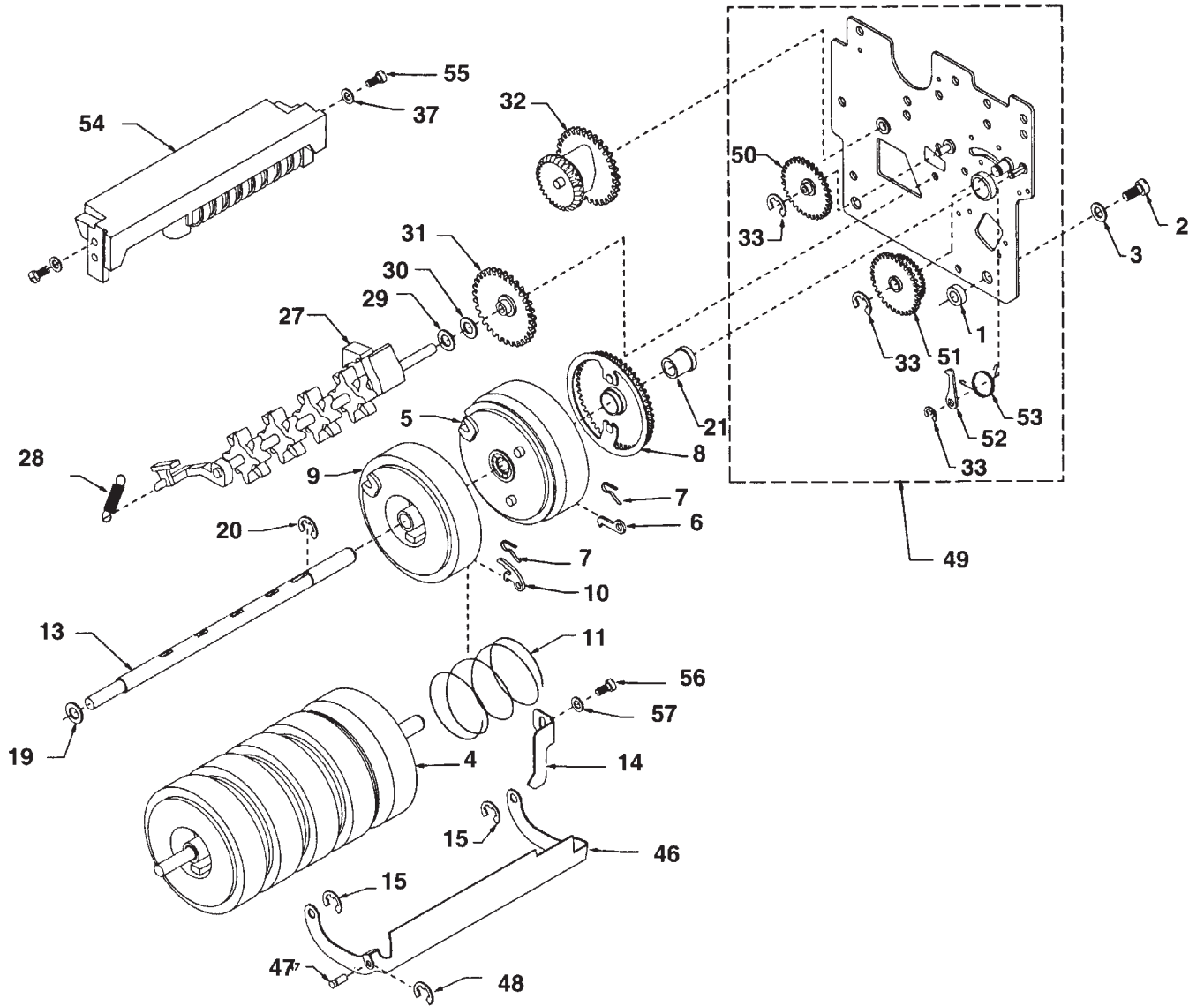


# Parts List for 800 Series Registers

(For Post 5000 Serial Numbers Only)



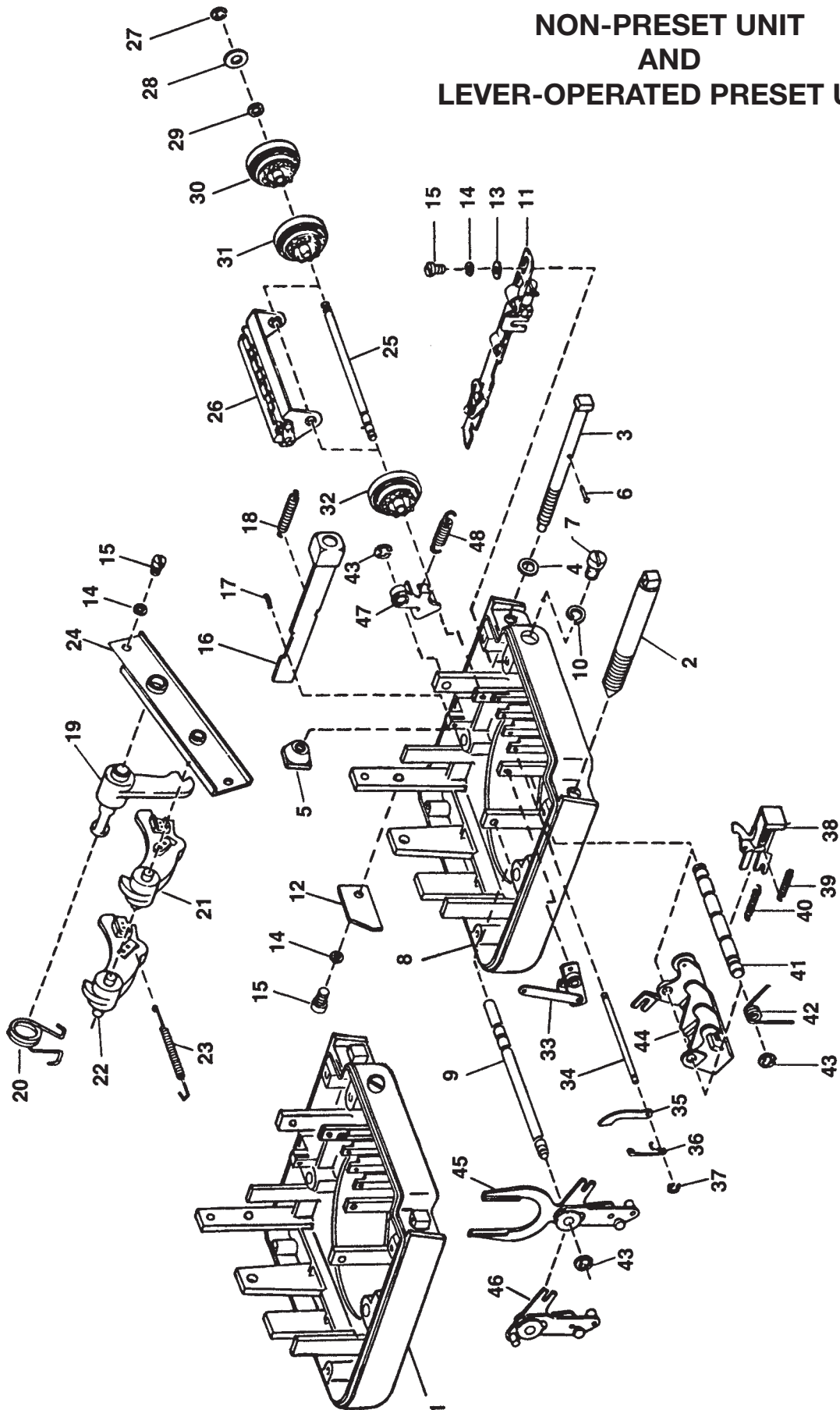




ATTACHING PARTS			
INDEX	PART NO.	DESCRIPTION	USED ON
1	84285-000	Spacer, Right Side Plate	All
2	88638-000	Screw, Fil Hd St (1/4-20 x 1/2")	All
3	100122-009	Lockwasher, Internal Tooth (1/4")	All
UNIT PARTS			
4		Wheel and Shaft Assy, Register	
	100343-126	Tenths, single cam	A,B,C,V
	100343-102	Units, single cam	D,E,F,G,S
	100343-103	Units, double cam	L
	100343-104	Units, gear drive	M,N,T
	100343-151	Units, ten subdivisions, single cam	H,J,U
	100343-153	Units with ten subdivisions, gear drive	P
	100343-176	Double digit, single cam	K,R
5		Wheel, Register, No. 1	
	100339-126	Tenths, single cam	A,B,C,V
	100339-102	Units, single cam	D,E,F,G,S
	100339-103	Units, double cam	L
	100339-104	Units, gear drive	M,N,T
	100339-151	Units, ten subdivisions, single cam	H,J,U
	100339-153	Units, with ten subdivisions, gear drive	P
	100339-176	Double digit, single cam	K,R
6	100311-001	Pawl (No. 1 wheel)	All
7	100568-001	Spring, Pawl	All
8	88748-000	Drive Gear and Clutch Ring Assy	All
9	100341-001	Wheel, Register (Nos. 2, 3, and 4).	All
10	100310-001	Pawl (Nos. 2, 3, 4, and 5 wheel)	All
11	100307-001	Spring, Detent	All
12	100342-001	Wheel, Register (No. 5)	All
13	100309-003	Shaft, Numeral Wheel	All
14	100483-001	Indicator, Register Wheel	All
15	88462-000	Retainer, Shutter	All
16	88514-003	Plate, Left Side	All
17	88518-001	Idler Gear Assy, Reset (36-tooth)	All
19	88319-001	Washer, Plain (Special)	All
20	88320-000	Washer, Snap (Special)	All
21	88749-000	Bushing Assembly	All
22	88993-000	Reset Gear and Holdout Plate Assy (18-tooth)	All
23	88499-000	Washer, Reset Gear	All
24	88958-000	Lockwasher, Left-hand, split st (1/4 )	All
25	41981-000	Nut, Left-hand, hex, st (1/4-28)	All
26	88463-000	Retainer Ring (Waldes No. 5133-25)	All
27	88873-001	Shaft Assy, 8-tooth pinion	All
28	100472-002	Spring, Transfer	All
29	88712-000	Washer, Thrust	All
30	45779-000	Shim, Drive Gear (when needed)	All

INDEX	PART NO.	DESCRIPTION	USED ON
31	88523-000	Drive Gear Assy (28- and 31- tooth)	All
32	88432-000	Clutch Assy, Bevel Gear (1:1 drive)	A,B,D,E,F,G,H,J,K,L,M,N,P,T,U
	88432-001	Clutch Assy, Bevel Gear (1:1 drive), two-way drive	C,R,S,V
33	88461-000	Retainer Ring (Waldes No. 5133-15)	All
34	88521-000	Latch Assy, Reset Stop Lever	All
35	88345-000	Spring, Latch	All
36	44748-000	Nut, Hex, st (10-32)	All
37	100122-007	Lockwasher, internal tooth (No. 10)	All
38	88342-000	Eccentric, Reset Stop Lever	All
39	88520-002	Lever Assy, Reset Stop	All
40	88311-001	Spring, Lever	All
41	88258-001	Pin, Shutter Crank	All
42	88522-001	Shutter Crank Assy	All
43	88462-000	Retainer Ring (Waldes No. 5133-18)	All
44	88744-000	Link Shutter	All
45	100472-003	Spring, Shutter Crank	All
46	88533-000	Shutter (with link pin)	All
47	88896-000	Pin, Connecting link	All
48	88460-000	Retainer Ring (Waldes No. 5133-12)	All
49	88946-000	Plate Assy, Right Side (1;1 drive, single zero)	All
50	88515-000	Gear Assy, 38-tooth	All
51	88516-001	Ratchet Wheel and Gear Assy (36-tooth)	All
52	88988-000	Pawl, Non-Reverse	All
53	600165-000	Spring, Pawl	All
54	88450-201	Totalizer Assy, 10:1 drive	A,B,C,V
	88450-203	1:1 drive	D,E,F,G,H,J K,L M,N,P R,S,T,U
55	733-001	Screw, Fil hd st (10-32 x 3/8")	All
56	41765-000	Screw, pan hd (No. 8 x 1/4")	All
57	8566-003	Washer, flat	All
59	88524-000	Screw, Special (10-32)	All
60		Drive Unit Bracket Assy	
	88423-000	without reversing spindle, brass-gear shifter	A,C,D,F,J,K,N,R,S,T,V,X
	89144-000	with reversing spindle, wide range shifter	G,L,M,P
	89250-000	simplified (no gear shifter)	B,E,H,U
61	88430-002	Gear Shifter Assy, with brass gears	A,C,D,F,J,K,N,R,S,T,V
	89145-000	wide range	G,L,M,P
62	88949-000	Bracket with bushings	All
63	88844-000	Rod, Gear Shifter	All
64	100024-007	Spring, Gear Shifter	All
65	48785-000	Washer, Gear Shifter Spring	All
66	88172-000	Bevel Gear, 30-tooth ("R" Spindle)	A,C,D,F,G,J,K,L,M,N,P,R,S,T,V
	89251-000	Bevel Gear Assy, 30- and 23-tooth	B,E,H,U
67	45779-000	Shim, Bevel Gear	All
68	88422-000	Shaft Assy, Change Gear ("S" Std. Spindle)	A,C,D,F,G,J,K,L,M,N,P,R,S,T,V
	89255-000	Simplified idler	B,E,H,U
69	88420-000	Shaft Assy, Reverse Gear ("S" Rev. Spindle) – Optional	Optional – ALL See note on pg. 15.
70	88428-001	Shaft Assy, Gear Shifter Drive	A,C,D,F,G,J,K,L,M,N,P,R,S,T,V
	89257-000	Simplified Drive	B,E,H,U
71	88427-000	Plate Assy	All
72	733-002	Screw, Dri-Loc (10-32 x 3/8")	All
73	—	Obsolete Item	—
74	88429-000	Spacer, Driving Fork	All
75	88589-001	Fork, Driving	All
76	100370-004	Rollpin, 1/16 dia. x 1/2"	All
77	81230-X	Change Gear (Give numer of teeth)	All
78	89259-000	Gear Assy, 30 tooth, with set screw	B,E,H,U
79	89261-000	Gear Assy, 29 tooth, with set screw	B,E,H,U
80	89263-000	Washer, Driving Fork	B,E,H,U
81	87458-001	Gear Plate	All
82	8328-046	Screw, (10-32 x 3/8") Self Tapping	All

# NON-PRESET UNIT AND LEVER-OPERATED PRESET UNIT



**NON-PRESET UNIT**

INDEX	PART NO.	DESCRIPTION	IDENTIFICATION
1	88677-100	Unit Assy, Non-Preset	A

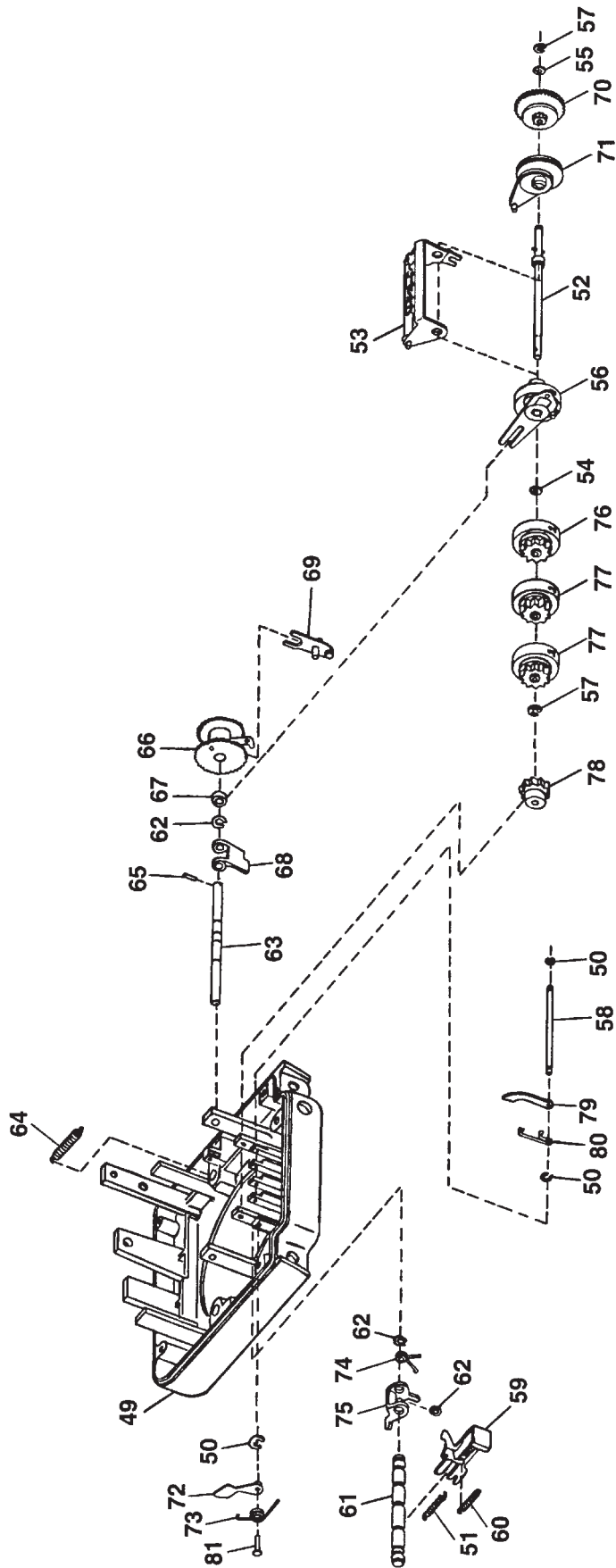
**LEVER-OPERATED PRESET UNIT**

INDEX	PART NO.	DESCRIPTION	IDENTIFICATION
1	88435-401	Unit Assy, Preset	B
	88435-402	Fork Drive, 1-zero, single trip	C
	88435-406	Fork Drive, 1-zero, double trip, 10-unit minimum setting	
		Fork Drive, 1-zero, double trip, 50-unit minimum setting (99,990 capacity setting)	D
	88435-403	Pin Drive, 5-zero, single trip	E
	88435-405	Pin Drive, 5-zero, double trip, 100-unit minimum setting	F

**UNIT PARTS-COMMON**

INDEX	PART NO.	DESCRIPTION	USED ON
2	88183-001	Screw, Register Clamp (headless)	All
3	88184-003	Screw, Register Clamp (sq. head)	All
4	47012-001	Washer, Plain, st. stl.	All
5	88138-000	Clamp, Wedge	All
6	4050-000	Pin, Escutcheon, brass (No. 16 x 1/2")	All
7	84533-000	Screw, Fil hd brass (5/16-24 x 7/16")	All
8	88443-201	Housing Assy, Preset	B,C,D,E,F
9	88109-000	Shaft, Fork and Operating Lever	All
10	41482-000	Lockwasher, split st (5/16")	All
11	88436-002	Slide Assy, Trip	All
12	88158-000	Plate, Slide Guide	All
13	41989-000	Washer, Plain, brass (No. 10)	All
14	100122-007	Lockwasher, internal tooth (No. 10)	All
15	733-002	Screw, Fil hd (10-32 x 3/8")	All
16	88441-000	Lever Assy, Emergency Stop	All
17	8311-001	Cotter Pin, brass (5/64" dia x 11/16")	All
18	88117-002	Spring, Lever	All
19	88154-003	Lever Trip	All
20	88984-000	Spring, Trip Lever	All
21	88156-005	Latch, Trip (single trip)	B,E,G
22	88716-002	Latch, Trip (double trip)	C,D,F,H,J
23	89138-000	Spring, Trip Latch	C,D,F,H,J
24	88157-001	Plate Mounting	All
25	88125-001	Shaft, Setting Wheel	All
26	88444-001	Bracket Assy, Feed Pawl	All
27	88462-000	Retainer Ring (Waldes No. 5133-18)	All
28	47583-000	Shim, Wheel	All
29	49987-000	Spacer, Feed Pawl Bracket	All
30	88457-501	Wheel, Preset, No. 1	B
	88456-501	Wheel, Preset, No. 1	C
	88914-501	Wheel, Preset, No. 1	E,F
	88722-501	Wheel, Preset, No. 1	D
31	88457-501	Wheel, Preset, No. 2	B,C,E,D
	88456-501	Wheel, Preset, No. 2	F
32	88457-501	Wheel, Preset, Nos. 3 & 4	All
33	88901-001	Cam Assy, Bail Mechanism	All
34	88656-000	Shaft, Stop Pawl	All
35	88654-001	Pawl, Stop	All
36	88655-002	Spring Pawl	All
37	88460-000	Retainer Ring (Waldes No. 5133-12)	All
38	88455-001	Key Assy	All
39	88118-002	Spring, Setting Pawl	All
40	88117-002	Spring, Setting Key	All
41	88144-000	Shaft, Roller Bracket	All
42	88301-001	Spring, Roller Bracket	All
43	88463-000	Retainer Ring (Waldes No. 5133-25)	All
44	88454-000	Roller Bracket Assy	All
45	88439-000	Driving Fork Assy	B,C,D
46	88645-000	Operating Lever Assy (pin type)	E,F
47	88442-000	Brake Lever Assy	All
48	88353-002	Spring, Brake Lever	All

# GEAR-DRIVE PRESET UNIT



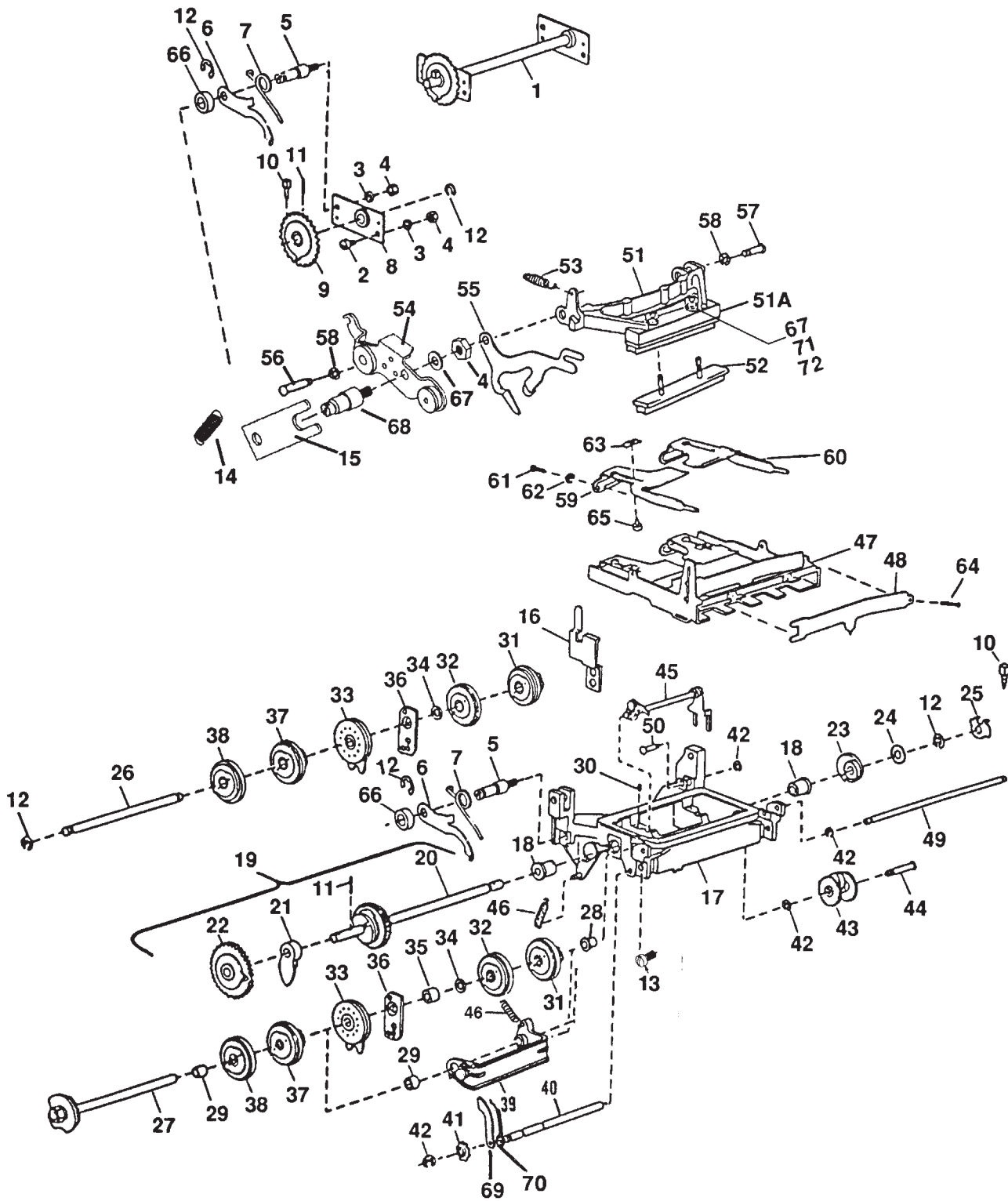
## GEAR-DRIVE PRESET UNIT

PART NO.	DESCRIPTION	IDENTIFICATION
	Unit Assy, Preset	
88435-501	Gear Drive, 1-zero, single trip	G
88435-502	Gear Drive, 1-zero, double trip, 25-unit minimum setting	H
88435-503	Gear Drive, 1-zero, double trip, 50-unit minimum setting	J

UNIT PARTS			
INDEX	PART NO.	DESCRIPTION	USED ON
49	88443-202	Housing Assy, Auto-Stop	G,H,J
50	88460-000	Ring, Retaining (Waldes No. 5133-12)	G,H,J
51	89072-000	Spring, No. 1 Key	G,H,J
52	89030-001	Shaft Assy, Drive	G,H,J
53	89025-000	Bracket Assy, Feed Pawl	G,H,J
54	49987-000	Spacer, Feed Pawl	G,H,J
55	46652-001	Shim, Drive Shaft	G,H,J
56	89052-501	Wheel Assy, Auto-Stop (No. 1)	G,H,J
57	88462-000	Ring, Retaining (Waldes No. 5133-18)	G,H,J
58	89008-001	Stop Pawl Shaft, Setting Wheel	G,H,J
59	89005-000	Key Assy, No. 1	G,H,J
60	89007-000	Spring, No. 1 Key Setting Pawl	G,H,J
61	89004-000	Shaft, Roller Bracket	G,H,J
62	88463-000	Ring, Retaining (Waldes No. 5133-25)	G,H,J
63	89011-000	Shaft Assy, Idler Gear	G,H,J
64	89042-000	Spring, Trip Slide	G,H,J
65	100370-004	Roll Pin, 1/16" dia. x 1/2" long	G,H,J
66	89016-001	Trip Operating Lever Assy, Intermediate Gearing	G,H,J
67	89015-000	Roller, Slide	G,H,J
68	89014-000	Bail	G,H,J
69	89023-000	Lever Assy, Trip	G,H,J
70	89067-001	Ratchet & Gear Assy, Drive	G,H,J
71	89059-001	Cam Assy, Trip	G,H,J
72	89009-000	Pawl, Star Wheel	G,H,J
73	88073-000	Spring, Star Wheel	G,H,J
74	89036-000	Spring, Bail Bracket	G,H,J
75	89037-000	Bracket Assy, Bail	G,H,J
76	88457-501	Wheel, Preset, No. 2	G
	88955-501	Wheel, Preset, No. 2	H
	88722-501	Wheel, Preset, No. 2	J
77	88457-501	Wheel, Preset, Nos. 3 & 4	G,H,J
78	89190-001	Star Wheel Assy	G,H,J
79	88654-001	Pawl, Stop	G,H,J
80	88655-002	Spring Pawl	G,H,J
81	89192-001	Pin	G,H,J

Unit parts not listed are same as for Lever-Operated Preset Unit, pages 6 and 7.

# NON-PRINT UNIT AND PRINT UNIT



## NON-PRINT UNIT

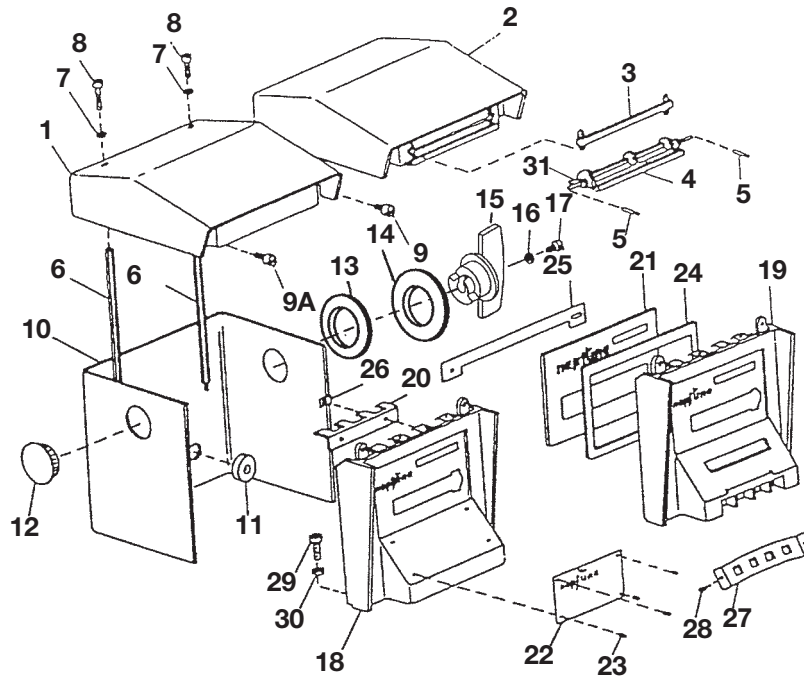
DESCRIPTION			IDENTIFICATION
Non-Print Unit			A
ATTACHING PARTS			
INDEX	PART NO.	DESCRIPTION	USED ON
1	88788-002	Reset Shaft Assy	A
2	733-001	Screw, Fil hd st (10-32 x 3/8")	A
3	100122-007	Lockwasher, internal tooth (No. 10)	A
4	44748-000	Nut, hex st (10-32)	A
5	600096-000	Stud, Reset Arm Return Knob	A
6	88500-002	Arm, Reset Knob Return	A
7	88502-001	Spring, Reset Knob Return Arm	A
UNIT PARTS			
8	<b>See Note</b>	Bracket, Reset Shaft ( <b>Note: Must Order Part #88788-002</b> )	A
9	88629-001	Reset Gear Assy, 36-tooth	A
10	88316-003	Pin, Reset Knob	A
11	100370-040	Pin	A
12	88463-000	Retainer Ring (Waldes No. 5133-25)	A

## PRINTER UNIT

DESCRIPTION			IDENTIFICATION
Print Unit Assy, Zero Start			
88635-000		Face up, tenths	B
88635-001		units	F
88635-022		units, fixed 'I'	K
Face down, tenths			D
88635-050		units	H
88635-056		units, fixed 'I'	L
Printer Unit Assy, Totalizer			
88675-050		Face up, tenths	E
88675-000		Face down, tenths	C
88675-029		tenths, two-way drive	N
88675-001		units	G
88675-027		units, fixed 'o'	J
88675-028		units, fixed 'I'	M
ATTACHING PARTS			
INDEX	PART NO.	DESCRIPTION	USED ON
13	88524-002	Screw, Special (10-32 x 3/8") Dri-Loc	All
14	103008-001	Spring, Hammer	All
15	103006-001	Hammer Lift Stop	All
16	88313-003	Guide, Ticket Punch Lever	All
UNIT PARTS			
17	88626-002	Frame Assy, Print	All
18	88291-001	Bushing Reset Shaft	All
19	100164-003	Shaft Assy Complete, Reset	All
20	88628-002	Shaft Assy, Reset	All
21	88260-000	Cam, hammer Lift	All
22	88629-001	Reset Gear Assy, 36-tooth	All
23	88297-000	Cam, Ticket Slide Actuating	All
24	88723-000	Shim, Reset Shaft (when needed)	All
25	88747-001	Washer, Interlock	All
26	88498-001	Shaft, Wheel, totalizer type	C,E,G,J,M,N
27	88617-002	Shaft Assy, Wheel, zero-start type	B,D,F,H,K,L
28	8344-130	Bushing, Flange, Print Wheel Shaft	All
29	88289-001	Bushing, Print Wheel Shaft	All
30	8538-023	Setscrew, Allen, hex socket, cone-pt (5-40 x 3/16")	All

## 800-SERIES REGISTER

INDEX	PART NO.	DESCRIPTION	USED ON
31		Print Wheel No. 1	
	88660-003	Zero start, face, up tenths	B
	88663-003	face up, units	F
	100173-002	face up, units, fixed 'I'	K
	88601-003	face down, tenths	D
	88580-003	face down, units	H
	100174-002	face down, units, fixed 'I'	L
	88794-001	face up, units	R
	88780-001	Totalizer, face up, tenths	E
	88550-001	face down, tenths	C
88581-001	face down, units	G	
100172-001	face down, units, fixed 'o'	J	
100172-002	face down, units, fixed 'l'	M	
32		Print Wheel, Intermediate	
	100739-001	Zero start, face up	B,F,K
	100740-001	face down	D,H,L
	100978-001	Totalizer, face up	E
100979-001	face down	C,G,J,M,N	
33		Print Wheel, Identifying	
	88669-000	Face up	B,E,F,K
34	88607-000	Face down	C,D,G,H,J,L,M,N
	8571-005	Spacer	All
35	88698-000	Spacer, Print Wheel	B,D,F,H,K,L
36	88891-000	Plate Assy, Adjusting	All
37		Serial Print Wheel, No. 1	
	101076-001	Face up	B,E,F,K
101076-002	Face down	C,D,G,H,J,L,M,N	
38		Serial Print Wheel, Nos. 2 & 3	
	100978-001	Face up	B,E,F,K
100979-001	Face down	C,D,G,H,J,L,M,N	
39	88616-003	Yoke Assy, Serial No. Device	A,B,C,D,E,F,G,H,J,K,L,M,
	88616-004	Yoke Assy, Serial No. Device, Two-way Drive	N
40	88339-000	Shaft, 10-tooth pinion	All
41	88600-000	Pinion, 10-tooth	All
42	88461-000	Retainer Ring (Waldes No. 5133-15)	All
43	88618-000	Cam Assy, Serial No. Device	All
44	88317-000	Shaft Cam	All
45	88619-000	Shaft Assy, Serial No. Device	All
46	88273-000	Spring, Full Stroke	All
47	88623-000	Slide Assy, Ticket	All
48	88294-000	Punch, Ticket	All
49	88300-000	Shaft, Slide Retaining	All
50	88299-001	Pin, Slide Retaining	All
51	88624-009	Hammer Assy	All
51A	88248-002	Hammer	All
52	88249-009	Cushion	All
53	88255-000	Spring, Hammer Retaining Spring	All
54	88637-003	Lever Assy, Hammer Lift	All
55	88293-002	Lever, Ticket Punch Actuating	All
56	88259-001	Pin, Hammer (long)	All
57	88258-001	Pin, Hammer (short)	All
58	88462-000	Retainer Ring (Waldes No. 5133-18)	All
59	88295-001	Guide—Ticket, left side	All
60	88296-001	Guide—Ticket, right side	All
61	46032-000	Screw—Rd. hd, 8-32 x 1/4-in., steel	All
62	8564-030	Washer—Lock, internal tooth, steel (for No. 8 machine screw)	All
63	88546-000	Fastener—Speed nut (Tinnerman part No. C12003-017-1)	B,D,F,H,K,L
64	44585-000	Pin—Cotter, 1/16 x 3/8-in., brass	All
65	88672-000	Stop—Ticket	B,D,F,H,K,L
66	84285-000	Spacer, right side plate	All
67	41211-000	Washer, Lock-Internal #10	All
68	103007-001	Hammer Lift Lever Stud	All
69	88979-000	Pawl Retainer, Serial Print Wheel	All
70	88980-000	Spring, Pawl Retaining	All
71	49987-000	Washer	All
72	44748-000	Nut	All



## HOUSING

INDEX	PART NO.	DESCRIPTION	USED ON
1	88544-005	Cover Assy, Non-Printer (Give Model & Code)	A,B
2	88894-101	Cover Assy, Printer	C,D
3	88691-000	Support, Ticket	C,D
4	101316-001	Cover, Assy, Ticket Slot	C,D
5	100370-003	Pin, Ticket Slot Cover	C,D
6	88331-000	Post, Cover Support	All
7	041211-000	Lockwasher, internal tooth (No. 10)	All
8	89073-000	Screw, Fil hd st (10-32 x 1 1/4")	All
9A	9287-016	Screw, Lg. Fill hd (10-32 x 1/2")	All
9	9287-003	Screw, Special (10-32), Drilled	All
10	88322-020	Housing, Register	All
11	88641-000	Washer, Housing Seal	All
12	100745-001	Plug, Cap	All
13	88318-003	Washer, Reset Knob and Cover	All
14	88711-003	Retainer, Washer	All
15	88315-002	Knob, Reset	All
16	41982-002	Lockwasher, Split (No. 8)	All
17	8326-002	Screw, Fil hd st (8-32 x 3/8")	All
18	88542-20X	Housing Assy, Front, Non-Preset (Specify units of measure.)	A,C
19	88541-20X	Housing Assy, Front, Preset (Specify units of measure, register model and code).	B,D
20	88332-001	Guide, Ticket	All
21	88960-30X	Mask, Register Wheel (Specify units of measure.)	All
22	101113-001	Nameplate, Direct Reading Register	A
	101114-001	Nameplate, Preset Register	B
	101115-001	Nameplate, Printer Register	C
	101116-001	Nameplate, Printer-Preset Register	D
23	41792-000	Drive Screw	All
24	88826-000	Gasket, Register Wheel Mask	All
25	101084-001	Bar, Stiffener	All
26	100046-001	Fastener (Tinnerman No. C19275-17-1)	All
27	1002470	Mask, Preset Wheel, without "0"	B,D
	1002530	Mask, Preset Wheel, with "0"	B,D
28	88912-000	Screw, rd hd (Parker Kalon Type Z, No. 4 x 3/16")	B,D
29	88640-000	Screw, Allen, hex socket, st, flat-pt (1/4-20 x 5/8")	All
30	088721-000	Lockwasher, internal tooth (1/4")	All
31	88334-000	Ticket slot cover spring	C,D

## 800 SERIES REGISTER UNIT IDENTIFICATION

To determine the internal components of the register, use the following index showing register Model and Code followed by specifications and a four letter key. The four letter key represents the Unit identification of the major units that go into making up a complete register.

The basic nomenclature for each key letter of the Unit Identification is described on the following page.

MODEL AND CODE	REGISTER PART NO. COMPLETE	UNITS	NO. 1 REG. WHEEL	SHIFTER	PRESET					PRINT		REMARKS	IDENTIFICATION			
					TYPE	TRIP	MIN. SET	INCR.	FIX '0'	TYPE	FIXED		TYPE	PRE SET	PRINT	HSG.
831-0	880010-000	GAL	TENTHS	WGP									A	A	A	A
831-OC	880010-016	GAL	TENTHS	SIMP									A	A	A	A
831-2	880010-003	GAL	TENTHS	WGP								1	B	A	A	A
831-9	880010-023	DEK	TENTHS	WGP									A	A	A	A
831-10	880010-024	LIT	TENTHS	WGP									A	A	A	A
831-11	880010-025	GAL	TENTHS	STD									A	A	A	A
831-12	880010-026	GAL	TENTHS	STD								1	V	A	A	A
832-0	880020-000	GAL	TENTHS	WGP	FD	ST			1				A	B	A	B
832-1	880020-001	GAL	TENTHS	WGP	FD	DT	10		1				A	C	A	B
832-14	880020-025	GAL	TENTHS	WGP	GD	ST			1							
832-17	880020-035	DEK	TENTHS	WGP	FD	ST			1				A	B	A	B
832-18	880020-036	DEK	TENTHS	WGP	FD	DT	10		1							
832-19	880020-037	GAL	TENTHS	STD	FD	ST			1				A	B	A	B
832-20	880020-038	GAL	TENTHS	STD	FD	DT	10		1				A	C	A	B
833-0	880030-000	GAL	TENTHS	STD							ZU		A	A	A	B
833-1	880030-001	GAL	TENTHS	STD							TD		A	A	A	C
833-2	880030-200	GAL	TENTHS	STD							ZD		A	A	A	E
833-3	880030-009	GAL	TENTHS	STD							TU		A	A	A	D
833-22	880030-045	GAL	TENTHS	STD							TD		V	A	A	N
833-23	880030-046	DEK	TENTHS	STD							ZU	1	A	A	A	B
834-0	880040-000	GAL	TENTHS	STD	FD	ST			1		ZU		A	B	B	D
834-1	880040-001	GAL	TENTHS	STD	FD	DT	10		1		ZU		A	C	B	D
834-2	880040-002	GAL	TENTHS	STD	FD	ST			1		TD		A	B	C	D
834-3	880040-003	GAL	TENTHS	STD	FD	DT	10		1		TD		A	C	C	D
834-4	880040-200	GAL	TENTHS	STD	FD	ST			1		ZD		A	B	D	D
834-5	880040-201	GAL	TENTHS	STD	FD	DT	10		1		ZD		A	C	D	D
834-5C	880040-202	GAL	TENTHS	SIMP	FD	DT	10		1		ZD					
834-34	880040-061	DEK	TENTHS	STD	FD	ST			1		ZU		A	B	B	D
834-35	880040-062	DEK	TENTHS	STD	FD	DT	10		1		ZU		A	C	B	D
841-L	880110-100	GAL	UNITS	WGP									D	A	A	A
841-LC	880110-120	GAL	UNITS	SIMP									E	A	A	A
841-L1	880110-102	LIT	UNITS	WGP									F	A	A	A
S841-L2	880110-128	LBS	UNITS	WGP									G	A	A	A
841-L6C	880110-150	LIT	UNITS	SIMP									E	A	A	A
841-L10	880110-118	GAL	UNITS	WGP								1	G	A	A	A
S841-L11	880110-129	KILOS	UNITS	WGP									G	A	A	A
841-L12C	880110-155	DEK	1/10SD	SIMP									H	A	A	A
841-L15	880110-132	LIT	1/10SD	WGP									J	A	A	A
841-L15C	880110-148	LIT	1/10SD	SIMP									H	A	A	A
841-L19	880110-156	LIT	00	WGP									K	A	A	A
841-L24	880110-162	DEK	UNITS	WGP									F	A	A	A
841-L25	880110-163	LIT	1/10SD	WGP									W	A	A	A
841-L26	880110-164	GAL	UNITS	STD									D	A	A	A
841-L27	880110-165	GAL	UNITS	STD								1				
841-L28	880110-166	LIT	1/10 SD	STD												
841-L29	880110-167	LIT	UNITS	STD												
842-L	880120-100	GAL	UNITS	WGP	FD	ST			10	X			D	B	A	B
842-L1	880120-102	LIT	UNITS	WGP	FD	ST			10	X			F	B	A	B
842-L1C	880120-228	LIT	UNITS	SIMP	FD	ST			10	X						
842-L2	880120-161	LBS	UNITS	WGP	PD	ST			5				L	E	A	B
842-L3	880120-125	LIT	UNITS	WGP	FD	DT	100		10	X			F	C	A	B
842-L8	880120-163	LBS	UNITS	WGP	PD	DT	100		5				L	F	A	B
842-L9	880120-117	GAL	UNITS	WGP	FD	DT	50		10	X			D	D	A	B
S842-L12	880120-165	KILOS	UNITS	WGP	PD	DT	100		5				L	F	A	B
842-L14	880120-167	LBS	UNITS	WGP	FD	DT	100		10	X			G	C	A	B
842-L15	880120-168	LBS	UNITS	WGP	GD	ST			1				M	G	A	B
842-L23	880120-190	LIT	UNITS	WGP	GD	ST			1				N	G	A	B
S842-L16	880120-162	KILOS	UNITS	WGP	PD	ST			5				L	E	A	B
842-L27	880120-153	LIT	UNITS	WGP	FD	DT	50		10	X			F	D	A	B
842-L28C	880120-205	GAL	UNITS	SIMP	FD	DT	100		10	X			E	C	A	B
S842-L32	880120-187	LBS	1/10SD	WGP	GD	DT	50		1				P	J	A	B
842-L33	880120-191	LIT	1/10SD	WGP	FD	ST			10	X			J	B	A	B
842-L33C	880120-221	LIT	1/10SD	SIMP	FD	ST			10	X			H	B	A	B
842-L37	880120-199	LIT	1/10SD	WGP	FD	DT	50		10	X			J	D	A	B
842-L37C	880120-222	LIT	1/10SD	SIMP	FD	DT	50		10	X			U	D	A	B
842-L44	880120-212	LIT	00	WR	GD	DT	25		1							
S842-L45	880120-216	GAL	1/10SD	WGP	GD	DT	25		1				P	H	A	B
842-L46	880120-217	DEK	UNITS	WGP	FD	DT	50		10	X			F	D	A	B
S842-L47	880120-218	KILOS	UNITS	WGP	GD	ST			1				M	G	A	B
S842-L48	880120-219	KILOS	1/10SD	WGP	GD	DT	25		1				P	H	A	B
842-L49	880120-220	LIT	1/10SD	WGP	GD	DT	25		1				H	A	B	
842-L50	880120-223	GAL	UNITS	STD	FD	ST			10	X						
842-L51	880120-224	GAL	UNITS	STD	FD	DT	50		10	X						
842-L52	880120-225	LIT	UNITS	STD	FD	ST			10	X						
842-L53	880120-226	LIT	1/10SD	STD	FD	DT	50		10	X			J	D	A	B
842-L54	880120-227	LIT	1/10 SD	STD	FD	ST			10	X						
842-L55	880120-229	LBS	UNITS	STD	FD	DT	100		10	X						

Remarks 1—Two-Way Drive

Key to Coded Terms, Page 15.

MODEL AND CODE	REGISTER PART NO. COMPLETE	UNITS	NO. 1 REG. WHEEL	SHIFTER	PRESET					PRINT		REMARKS	IDENTIFICATION			
					TYPE	TRIP	MIN. SET	INCR.	FIX <sup>0</sup>	TYPE	FIXED		TYPE	PRE SET	PRINT	HSG.
843-L	880130-100	GAL	UNITS	STD						ZU			D	A	F	C
843-LC	880130-143	GAL	UNITS	SIMP						ZU			E	A	F	C
843-L1	880130-105	LIT	UNITS	STD						ZU			F	A	F	C
843-L2	880130-103	GAL	UNITS	STD						TD			D	A	G	C
843-L2C	880130-135	GAL	UNITS	SIMP						TD			E	A	G	C
843-L7	880130-112	GAL	UNITS	STD						ZD			D	A	H	C
843-L10	880130-130	LIT	UNITS	STD						TD			F	A	F	C
843-L15	880130-158	LIT	1/10SD	STD						ZU			J	A	G	C
843-L21	880130-175	LIT	UNITS	STD						ZD			F	A	H	C
843-L22	880130-179	LIT	1/10SD	STD						ZD			J	A	H	C
843-L26	880130-198	LIT	00	STD						TD	o		K	A	J	C
843-L29	880130-206	LIT	1/10SD	STD						ZU	l		J	A	K	C
843-L29C	880130-219	LIT	1/10SD	SIMP						TD			H	A	G	C
843-L32	880130-213	LIT	1/10SD	STD						ZD	l		J	A	L	C
843-L32C	880130-220	LIT	1/10SD	SIMP						ZD	l		H	A	L	C
843-L33	880130-214	LIT	1/10SD	STD						TD	l		J	A	M	C
843-L33C	880130-221	LIT	1/10SD	SIMP						TD	l		H	A	M	C
843-L34	880130-215	KILOS	UNITS	STD						ZU			J	A	F	C
843-L35	880130-216	DEK	UNITS	STD						TD			F	A	G	C
843-L37	880130-218	LIT	UNITS	STD						TD		1	S	A	G	C
843-L39	880130-223	LIT	1/10SD	STD						ZU			W	A	F	C
843-L40	880130-224	DEK	UNITS	STD						TU						
844-L1	880140-103	LIT	UNITS	STD	FD	ST		10	X	ZU			F	B	F	D
844-L2	880140-102	GAL	UNITS	STD	FD	ST		10	X	TD			D	B	G	D
844-L6	880140-111	GAL	UNITS	STD	GD	DT	50	1		TD			T	J	G	D
844-L30	880140-153	GAL	UNITS	STD	FD	DT	50	10	X	TD			D	D	G	D
844-L30C	880140-215	GAL	UNITS	SIMP	FD	DT	50	10	X	TD			E	D	G	D
844-L33	880140-205	LIT	UNITS	STD	GD	ST		10	X	ZU						
844-L36	880140-168	LIT	1/10SD	STD	FD	ST		10	X	ZU			J	B	F	D
844-L41	880140-214	GAL	UNITS	STD	FD	DT	50	10	X	ZU			F	D	F	D
844-L43	880140-217	GAL	UNITS	STD	FD	DT	50	10	X	TD						
844-L50	880140-238	LIT	1/10SD	STD	FD	ST		10	X	ZD			J	B	H	D
844-L51	880140-299	LIT	1/10 SD	STD	FD	DT	50	10	X	ZD						
844-L55	880140-247	LIT	1/10SD	STD	FD	DT	50	10	X	ZU			J	D	F	D
844-L69	880140-277	LIT	1/10SD	STD	FD	DT	50	10	X	ZD	l		J	D	L	D
844-L69C	880140-292	LIT	1/10SD	SIMP	FD	DT	50	10	X	ZD	l		U	D	L	D
844-L73	880140-278	LIT	1/10SD	STD	FD	DT	50	10	X	TD	l		J	D	M	D
844-L73C	880140-295	LIT	1/10SD	SIMP	FD	DT	50	10	X	TD	l		U	D	M	D
844-L75	880140-280	LIT	1/10SD	STD	FD	DT	50	10	X	ZU	l		J	D	K	D
844-L75C	880140-294	LIT	1/10SD	SIMP	FD	DT	50	10	X	ZU	l		U	D	K	D
844-L82	880140-290	LIT	1/10 SD	STD	FD	ST	50	10	X	ZD	l					
844-L82C	880140-296	LIT	1/10SD	SIMP	FD	ST		10	X	ZD	l		H	B	L	D
844-L83	880140-291	DEK	UNITS	STD	FD	DT	50	10	X	TD			F	D	G	D
844-L84	880140-293	GAL	UNITS	STD	GD	ST		10	X	ZU			F	B	F	D
844-L85	880140-297	LIT	1/10 SD	STD	GD	DT	25	1		ZD						
844-L86	880140-298	LIT	UNITS	STD	GD	DT	50	1		ZU						
844-L88	880140-301	LIT	1/10 SD	WGP	GD	ST		1		ZD						

Remarks

1—Two-Way Drive

## KEY TO CODED TERMS (Page 14)

1/10 SD = Units w/tenths sub divisions No. 1 register wheel

00 = 100 Units No. 1 register wheel

STD = Standard .15% increment gear shifter

WR = Wide range .5% increment gear shifter

WGP = With gear plate

SIMP = Simplified drive bracket (No change gears or gear shifter)

FD = Fork-drive preset

GD = Gear-drive preset

PD = Pin-driver preset

ST = Single trip preset

DT = Double trip preset

ZU = Zero start/face up printer

ZD = Zero start/face down printer

TU = Totalizer/face up printer

TD = Totalizer/face down printer

## DESCRIPTION OF MAJOR UNITS OF 800 SERIES REGISTERS AS INDICATED BY VARIOUS KEY LETTERS

To determine the features of a given 800 Series Register:

1. Note the Model and Code Number as stamped on the front plate
2. Using the "Unit Identification" (page 14) locate the key letter for each major unit.
3. Using the unit key letters, find the features described opposite the corresponding letter in the table below.

## Register Unit (1st Key Letter)<sup>1</sup>

- A – Tenths, single cam.
- B – Tenths, simplified drive bracket, single cam.
- C – Tenths, two-way drive, single cam.
- D – Units, single cam.
- E – Units, simplified drive bracket, single cam.
- F – Units, single cam.
- G – Units, wide range shifter, single cam.
- H – Units, with ten subdivisions, simplified drive brackets, single cam.
- J – Units, with ten subdivisions, single cam.
- K – Double digit, single cam.
- L – Units, wide range shifter, double cam.
- M – Units, wide range shifter, gear drive.
- N – Units, gear drive.
- P – Units, with ten subdivisions, wide range shifter, gear drive.
- R – Double digit, two-way drive, single cam.
- S – Units, two-way drive, single cam.
- T – Units, gear drive.
- U – Units, with ten subdivisions, simplified drive bracket, double cam.
- V – Tenths, two-way drive, single cam.
- W – Units, with ten subdivisions, without gear shifter, with reversing spindle.
- X – Units, with ten subdivisions, gear drive.
- Y – Double digit, simplified drive bracket.

<sup>1</sup> The reversing spindle can be installed on all registers. Specify the addition of Part No. 88420-000 when ordering a register.

## Preset Unit (2nd Key Letter)

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>A – Non Preset</li> <li>B – Single Trip, Fork Drive</li> <li>C – Double Trip, Fork Drive, 10 Unit Minimum Setting</li> <li>D – Double Trip, Fork Drive, 50 Unit Minimum Setting</li> <li>E – Single Trip, Pin Drive</li> </ul> | <ul style="list-style-type: none"> <li>F – Double Trip, Pin Drive 100 Unit Minimum Setting</li> <li>G – Single Trip, Gear Drive</li> <li>H – Double Trip, Gear Drive, 25 Unit Minimum Setting</li> <li>J – Double Trip, Gear Drive, 50 Unit Minimum Setting</li> </ul> |
|---|--|

## Print Unit (3rd Key Letter)

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>A – Non Print</li> <li>B – Zero Start Printer, Face Up, Tenths</li> <li>C – Totalizer Printer, Face Down, Tenths</li> <li>D – Zero Start Printer, Face Down, Tenths</li> <li>E – Totalizer Printer, Face Up, Tenths</li> <li>F – Zero Start Printer, Face Up, Units</li> <li>G – Totalizer Printer, Face Down, Units</li> </ul> | <ul style="list-style-type: none"> <li>H – Zero Start Printer, Face Down, Units</li> <li>J – Totalizer Printer, Face Down, Units, Fixed</li> <li>K – Zero Start Printer, Face Up, Units, Fixed</li> <li>L – Zero Start Printer, Face Down, Units, Fixed</li> <li>M – Totalizer Printer, Face Down, Units, Fixed</li> <li>N – Totalizer Printer, Face Down, Tenths, Two-Way Drive</li> <li>P – Zero Start Printer, Face Down, Units, Fixed</li> <li>R – Totalizer Printer, Face Up, Units</li> </ul> |
|--|---|

## Housing (4th Key Letter)

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>A – Non Preset, Non Printer</li> <li>B – Preset, Non Printer</li> </ul> | <ul style="list-style-type: none"> <li>C – Printer, Non Preset</li> <li>D – Printer, Preset</li> </ul> |
|--|--|

EXAMPLE: Given Model 834 Code 4 Register. To determine the unit features:

- |   |   |  |
|---|---|--|
| <ol style="list-style-type: none"> <li>1. From "Unit Identification" table (page 14) ..... we find the key letters:.....</li> <li>Register Unit – "A" .....</li> <li>Preset Unit – "B" .....</li> <li>Print Unit – "D" .....</li> <li>Housing Unit – "D" .....</li> </ol> | <ol style="list-style-type: none"> <li>2. From the key letter description (above) we find the features are:.....</li> <li>Tenths, with reversing spindle, single cam .....</li> <li>Single trip, fork drive.....</li> <li>Zero start printer, face down, tenths .....</li> <li>Printer, Preset .....</li> </ol> | <p>For name, number and description of unit parts, refer to:</p> <p>Pages .....4-5</p> <p>Pages .....6-9</p> <p>Pages .....10-12</p> <p>Page..... 13</p> |
|---|---|--|

When ordering give: Name and number of each part – model and code of register – size and serial number of flowmeter.

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Specifications subject to change without prior notification.

