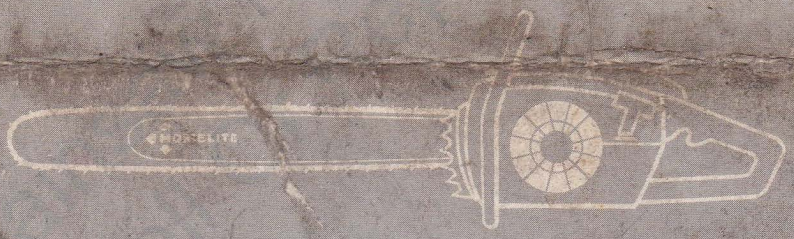
XL-12

PARTS LIST



HOMELITE®

XL

CHAIN SAWS

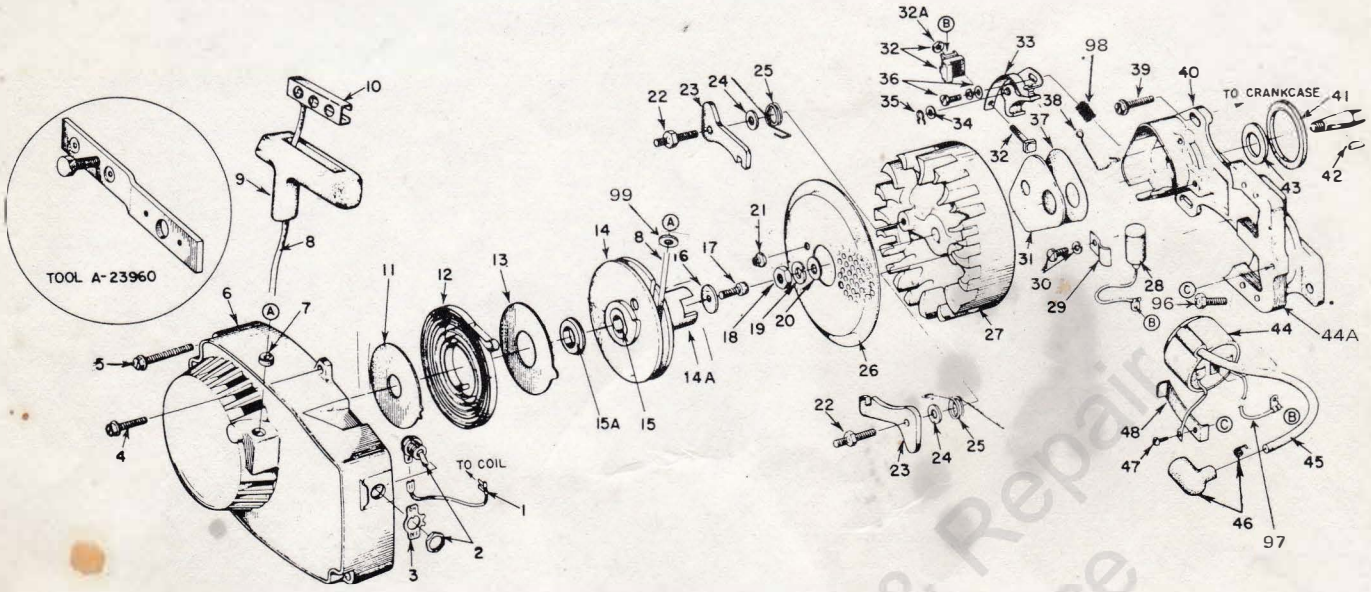


FIGURE 1

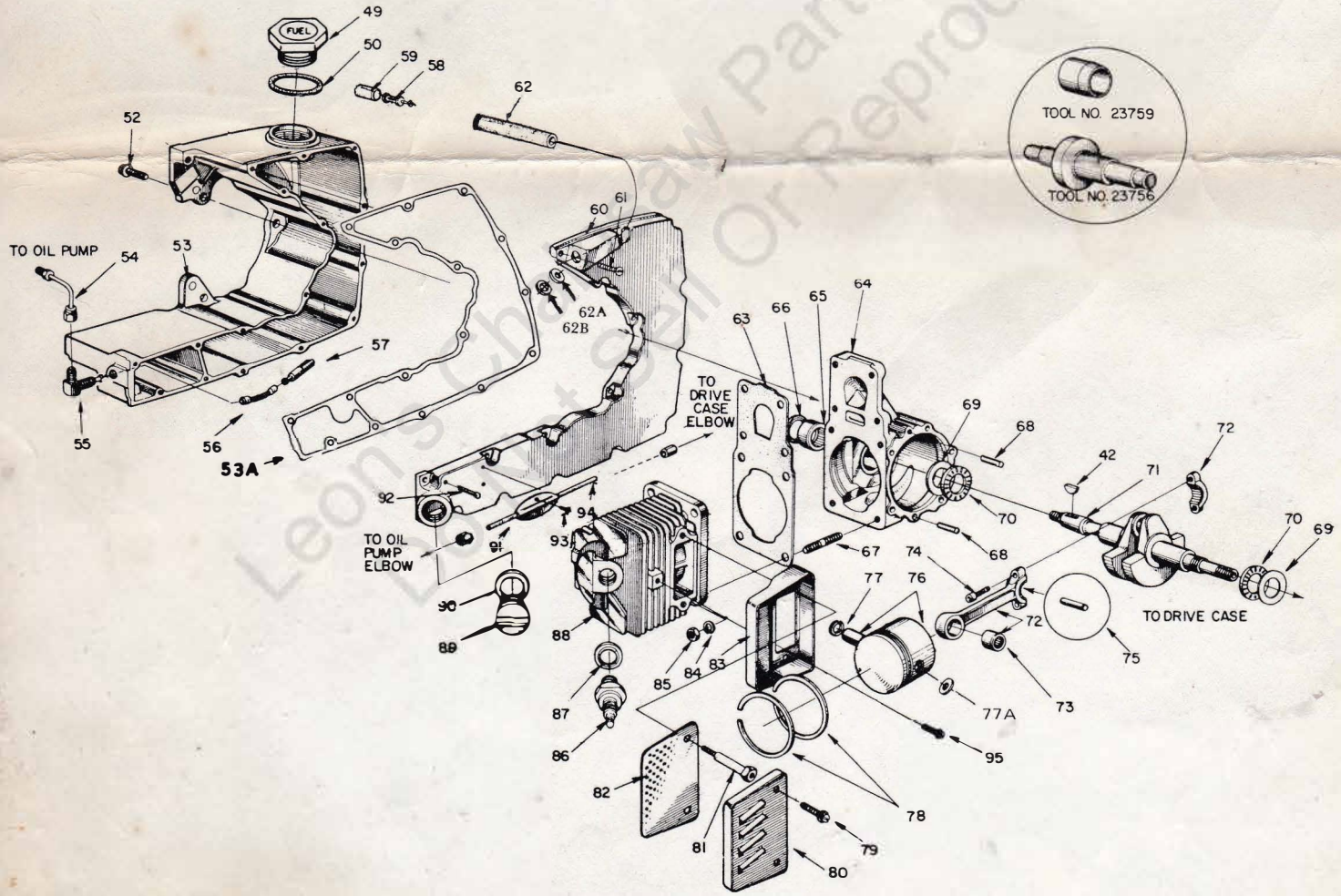


FIGURE 2

Leon's Chainsaw Parts & Repair
Do Not Copy Or Reproduce

ALWAYS FURNISH MODEL AND SERIAL NUMBER WHEN ORDERING PARTS.

No.	Description		Part No.	Qty.
1	LEAD — ground w/term.		A-59031	1
2	SWITCH — w/nut		A-57650-3	1
2	PLATE — "RUN" — "STOP"		78839	1
4	SCREW — hex, 12-24 x ⅝		80676	1
5	SCREW — hex, 12-24 x 11/16		58963	3
6	HOUSING — fan		A-64516-T	1
7	Includes: BUSHING - rope		67177	1
8	ROPE — starter		58806	1
9	GRIP — rope		12624	1
10	INSERT		70018-A	1
11	SHIELD — spring (inner)		59638-A	1
12	SPRING — rewind		58764-A	1
13	SHIELD — spring (outer)		59639-A	1
14	PULLEY — starter		64398-1A	1
14A	CUP		64399	1
15	LOCK — spring		64049-A	1
15A	BUSHING — spring lock		64400	1
16	WASHER — retaining		58763	1
17	SCREW — hex, 10-32 x ½		80648	1
18	NUT — hex, 5/16-24		81117	1
19	WASHER — lock. 5/16		83002	1
20	WASHER — flat, 5/16		84056	1
21	NUT — lock, 10-32		81206	2
22	STUD — shoulder		58757-E	2
23	PAWL — starter		58756	2
24	WASHER		70901	2
25	SPRING — starter finger		65375-2	2
26	SCREEN — starter		58765	1
27	ROTOR — magneto	"W"	70639	1
		"P"	59857	1
28	CONDENSER	"W"	63250-A	1
	w/clamp	"P"	59862	1
29	CLAMP — condenser	"W"	59622	1
30	SCREW GROUP — condenser	"W"	30261	1
		"P"	57750	1
31	COVER — breaker box	"W"	58811	1
		"P"	59864	1
32	TERMINAL BLOCK GROUP	"W"	A-68162	1
32A	NUT (only) — terminal	"P"	55982	1
33	POINT SET	"W"	A-93100	1
34	Includes: WASHER — point	"W"	28028	1
	CLIP — post	"W"	28008	1
33	POINT SET w/felt and terminal block	"P"	A-59861	1
36	SCREW GROUP — points	"W"	76421	1
		"P"	57749	1
37	GASKET — cover	"W"	58810	1
		"P"	59865	1
38	SPRING — cover (clip)	"W"	76413	1
		"P"	59866	1
39	SCREW — hex, 12-24 x ⅝		80676	3
40	BOX — breaker	"W"	93094	1
		"P"	59859	1
41	GASKET		59538	1
42	KEY — rotor		75078	1
43	SEAL — felt		59760	1
44	COIL	"W"	93097	1
44A	CORE	"W"	93098	1

No.	Description		Part No.	Qty.
45	LEAD — hi-tension		58966	1
46	TERMINAL		A-33055	1
47	SCREW — coil clip	"W"	64090	1
		"P"	55977	1
48	CLIP — coil retaining	"W"	63726	1
		"P"	59863	1
49	CAP — fuel filler ①		A-69500	1
50	Includes: GASKET		69501	1
52	SCREW — shoulder, ¼-20		63407	3
53	TANK — fuel		A-68896-1T	1
	Includes: ITEM 49			
53A	GASKET — fuel tank		120184	1
54	LINE — oil		A-59014	1
55	VALVE — check		A-59010	1
56	LINE — oil filter		A-59000	1
57	FILTER — oil		A-59009-A	1
58	FILTER ASSEMBLY		A-69923	1
59	Includes: FELT		64083	1
60	COVER — tank		122438-3	1
61	SCREW, No. 8 x ⅝		122228	16
62	LINE — fuel. flexible ②		93112-37	1
62A	GROMMET		68046	1
62B	GROMMET		68279	1
63	GASKET		58513	1
64	CRANKCASE		A-63619	1
65	Includes: BEARING		58956	1
66	SEAL		12282-A	1
67	STUD		69438	4
68	DOWEL — pin		63621	2
69	RACE — thrust bearing		58725	2
70	BEARING — needle thrust		58726	2
71	CRANKSHAFT		63497	1
72	ROD — connecting		A-63477-B	1
73	Includes: BEARING		58724	1
74	SCREW		69919	2
75	ROLLERS — set (31)		A-69054	1
76	KIT, PISTON - 1¾" dia.		A-121689	1
77	Includes: RING - retaining		75120	1
77A	RING — Retaining		64813	1
78	PISTON RING		58877	2
79	SCREW — hex, 10-32 x 9/16		80825	2
80	CAP — muffler		A-63246-1	1
81	STUD		59065-B	2
82	BAFFLE		59050	1
83	BODY — muffler (3 holes)		A-59049-1	1
	(2 holes)		A-59049	1
84	WASHER — lock, ¼		83009	4
85	NUT — ¼-28		81065-2	4
86	SPARK PLUG		78271	1
87	Includes: GASKET		25038	1
88	CYLINDER — 1¾" bore		A-122319	1
89	CAP — oil filler		A-64454	1
	slotted type		A-56580-1	1
90	Includes: GASKET		56607	1
91	PLATE		59016	1
92	PIN — cotter		86301	1
93	SCREW — pan, 4-40 x ¼		80919	2
94	LINE — oil		A-59012	1
95	SCREW — hex, 12-24 x ½		80821	1
96	SCREW — hex, 8-32 x ¾		82248	2
97	LEAD		93095	1
98	FLET — can		59636	1
99	WASHER — nylon		93862	1

① Use 120873 cap for units prior to serv. no. 10550060.

② Use 63744 fuel line for units prior to serv. no. 10550060.

Ignition Type — "W" indicates Wico, "P" indicates Phelon.
DO NOT INTERCHANGE PARTS

Leon's Chainsaw Parts
DO NOT Sell Or Reproduce

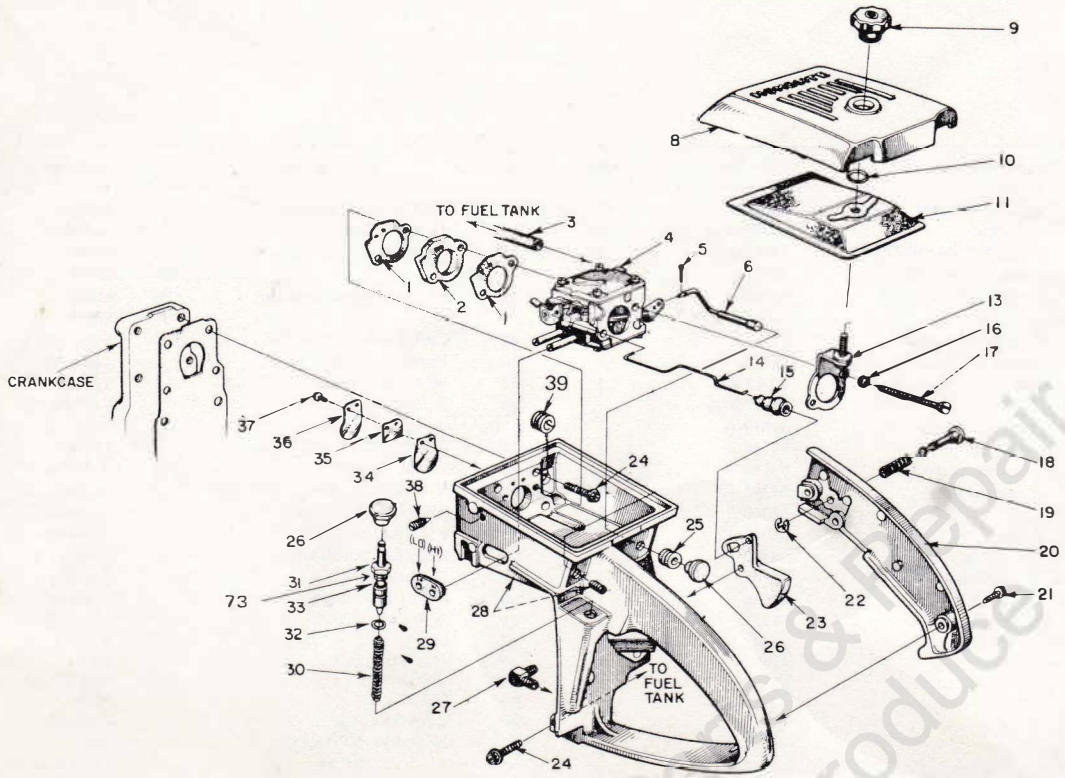


FIGURE 3

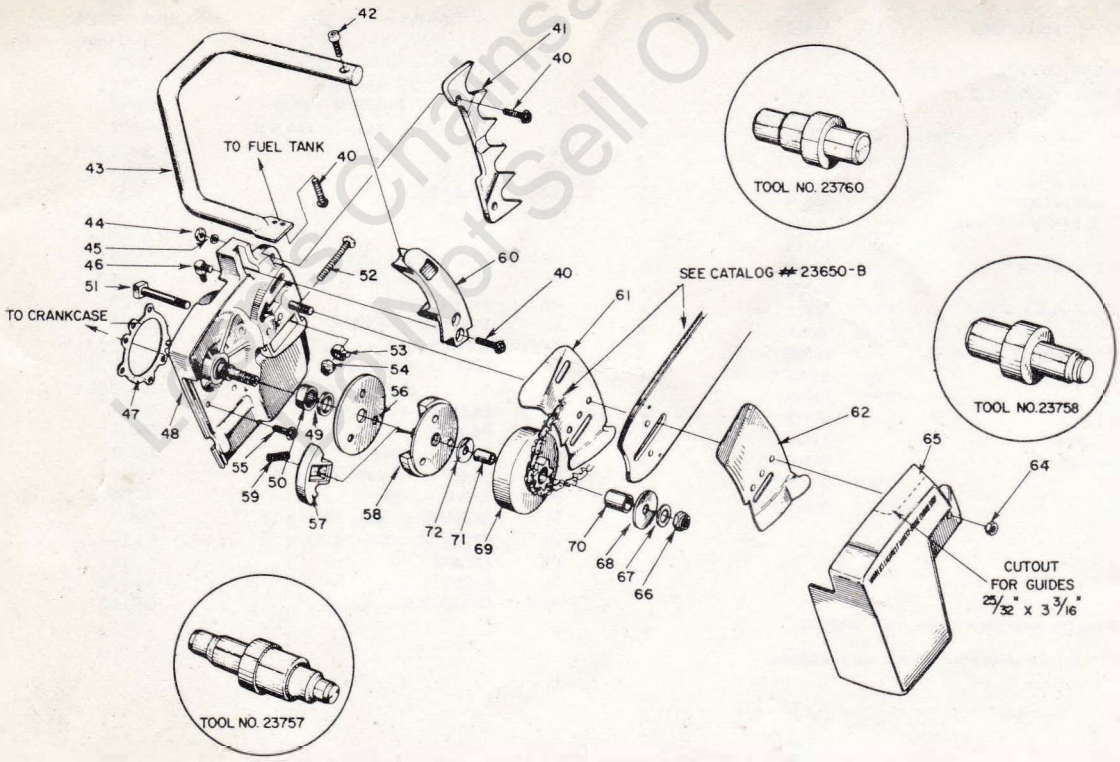


FIGURE 4

ALWAYS FURNISH MODEL AND SERIAL NUMBER WHEN ORDERING PARTS.

Do Not Sell Or Reproduce

No.	Description	Part No.	Qty.
1	GASKET	58537-A	2
2	SPACER — carburetor	58780	1
3	LINE — fuel	93112-37	1
4	CARBURETOR KIT	A-68407-AT	1
5	PIN — cotter	86324	1
6	ROD — choke	67201-1	1
8	COVER	58773-3A	1
9	NUT — cover	A-65272	1
10	RING — retaining	58319A	1
11	FILTER ELEMENT	63589-A	1
13	BRACKET — cover	A-58818-A	1
14	ROD — throttle	58836	1
15	BOOT — rod	67634	1
16	WASHER — lock, No. 10	83046	2
17	SCREW — hex, 10-32 x 2¼	80481	2
18	PIN — throttle lock	58924 4	1
19	SPRING — lock	58405	1
20	COVER — handle	A-59213-1	1
	Includes: BUSHING — pin	59064	1
21	SCREW — pan, 8-32 x ½	80560	2
22	RING — retaining	58409	1
23	TRIGGER — throttle	58859	1
24	SCREW — hex, 12-24 x ⅞	80891	5
25	GROMMET	64862	1
26	BUTTON	57289-1	2
27	VALVE — check	A-59011	1
28	HANDLE & HOUSING	A-67838	1
	Includes: PLUG	63303	1
	PLUG	71505	1
	PIN — cotter	86301	1
	FELT	63290	1
29	GROMMET — "LO-HI"	59058	1
30	SPRING	59293	1
31	PLUNGER	A-93796	1
32	Includes: "O" RING	74388	1
33	"O" RING	59074	1
34	REED	58775	1
35	SPRING — reed	59053	1

No.	Description	Part No.	Qty.
36	STOP — reed	58776	1
37	SCREW — pan, 4-40 x ¼	80919	2
38	SCREW — idle 5/16-18	63302	1
39	GROMMET	68279	1
40	SCREW — hex, 12-24 x ¾	80867	6
41	BUMPER	58961	1
42	SCREW — socket, ¼-20 x 1	80428	1
43	HANDLE BAR	A-58793-3T	1
44	NUT — 12-24	81068	2
45	WASHER — lock, No. 12	83056	2
46	FITTING — oil	56707	1
47	GASKET	63355	1
48	DRIVE CASE	A-58925-CT	1
49	Includes: SEAL	12282-A	1
50	BEARING	58956	1
*51	BOLT — guide bar	67485	2
52	SCREW — pin, ¼-20 x 2	63225	1
53	PIN — bar adjusting	93039	1
54	NUT — lock, ¼-20	81204	1
55	SCREW — hex, 12-24 x 9/16	80899	5
56	COVER — clutch	63051	1
57	SHOE — clutch	69461	3
58	BACK PLATE	65760-1B	1
59	SPRING — clutch	67053	3
60	BRACKET — handle	59246-5	1
*61	PLATE — inner guide bar	70399	1
*62	PLATE — outer guide bar	70400	1
*64	NUT — 3/8-16	81089-2	2
65	COVER — drive case	58750-16	1
66	NUT — ⅜-24	81124	1
67	WASHER — Lock, 3/8	83018	1
68	WASHER — thrust, (outer)	65064	1
69	SPROCKET & DRUM		
	standard — ⅜" pitch, 7 teeth	A-59552-T	1
70	Includes: BEARING — needle	72311	1
71	RACE — inner	55584	1
72	WASHER — thrust (inner)	58833	1
73	NUT, plunger	58632	1

*The following parts to be used with 5/16 nut, plunger guide bar bolts

No.	Description	Part No.	Qty.
51	BOLT — guide bar	58753	2
61	PLATE — inner guide bar	58781	1
62	PLATE — outer guide bar	58782	1
64	NUT — 5/16-18	81196	2

NOTE: Carburator Kit, A-68407-AT. includes Fuel Line 93112-37, Grommet 68279, Grommet 58 362 & Choke Rod 68130-1.
Use Carburetor A-59504-C for Units with Internal Idle Adjustment.

SPECIAL TOOLS (available on order)

Part No.	Description	Part No.	Description
A-23937-B	COMBINATION WRENCH * for CJ spark plugs 3/4 hex.	23760	BEARING ASSEMBLY AND DISASSEMBLY - sprocket drum - sleeve bearing
A-22808	COMBINATION WRENCH * for J spark plugs 13/16 hex		
22828	PLIERS - piston snap ring	23800	TOOL - seal assembly (crank and drive cases)
23528	WRENCH - socket screw (conn. rod)	A-23960	REMOVER AND LOCKING BRACKET - rotor
23756	BEARING ASSEMBLY AND DISASSEMBLY - conn. rod	50957	REMOVER - threaded spider *
23757	BEARING ASSEMBLY AND DISASSEMBLY - drive and crank cases		GEAR DRIVE MODELS
		23665	PLIERS - planetary snap ring
23819	PLUG - needle bearing (sprocket)	23772	BEARING ASSEMBLY & DISASSEMBLY - planetary follower
-----	BEARING PULLER - clutch drum (#A-78 Snap-On or equivalent)	A-23792	SPROCKET HOLDER
		23773	BEARING ASSEMBLY - clutch drum
23758	SEAL ASSEMBLY - drive and crank cases	A-23934	CLUTCH SPANNER WRENCH *
23759	SLEEVE - crankshaft assembly		
A-23949	PLUG - piston pin removal		

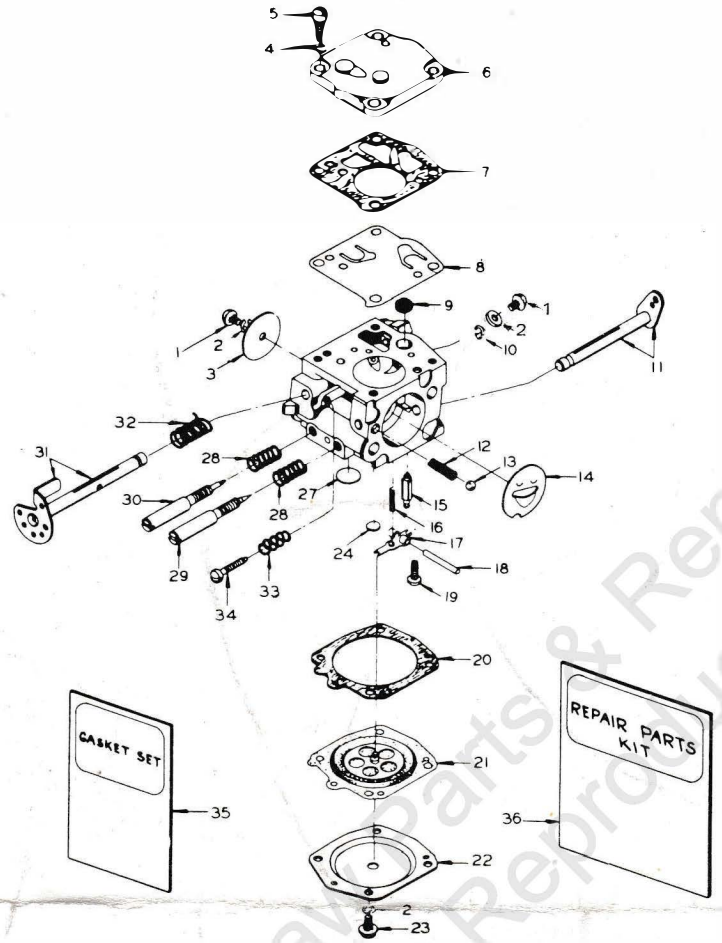
PAINT

23475	SPRAY CAN - red
23560	SPRAY CAN - white

ALWAYS FURNISH MODEL AND SERIAL NUMBER WHEN ORDERING PARTS.

Leon's Chainsaw Parts & Repair
Do Not Reproduce

HOMELITE XL CHAIN SAWS



Model - Tillotson HS-179B, A-68363-B

Service replacement for HS-1A, HS-4B, HS-5A, HS-5B, HS-5C, HS-4D models is HS-96A (A-68363)
All new parts listed are interchangeable with original parts when installed as noted.

Index No.	Part No.	Description	Qty. Req'd.
1	*80264	SCREW - 4-40 x 3/16	2
2	83008-1	WASHER - #4	6
3	25050	THROTTLE SHUTTER	1
4	83024	WASHER - #6	4
5	80275	SCREW - 6-32 x 3/8	4
6	58975	COVER - pump	1
7	58981	GASKET - fuel pump	1
8	*58980 R	DIAPHRAGM - fuel pump	1
9	*58974	SCREEN	1
10	12684	"E" RING	1
11	69651	CHOKE SHAFT & LEVER	1
12	73264	SPRING - choke friction	1
13	25527	BALL - choke friction	1
14	58984	SHUTTER - choke	1
15	59717	† NEEDLE - inlet (See Note 1)	1
16	*55759	SPRING - inlet tension	1
17	*59716	† LEVER - inlet control (See Note 1)	1
18	*58977	PIN - fulcrum	1
19	*58992	SCREW - 4-40 x 5/16	1
20	58978	GASKET - diaphragm	1
21	*58988	DIAPHRAGM - main	1
22	58979	COVER - diaphragm	1
23	80591	SCREW - 4-40 x 1/4	4
24	*58994	PLUG - Welch 3/16	1
27	*58991	PLUG - Welch 11/32	1
28	*73075	SPRING - adjusting screw	2
29	58986	NEEDLE - main adjusting	1
30	58985	NEEDLE - idle adjusting	1
31	70869	THROTTLE SHAFT & LEVER	1
32	*59460	SPRING - throttle return	1
33	*58973	§ SPRING - idle speed (See Note 2)	1
34	*58993	§ SCREW - idle stop (see Note 2)	1
35	*67866	GASKET SET	1
36	67869	REPAIR KIT	1
37	93245	REPAIR KIT (Throt. Shaft & "E" Ring)	1

* Included in Repair Kit

† Note 1: New type (slotted) needle and lever must be installed together when replacing original type.

§ Note 2: Packaged with service replacement carburetor, use if required.

Note 3: Carburetor as a kit (with fuel line) is supplied under part no. A-68407-AT

Genuine Chainsaw Parts & Repair
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PART NO. 23755-T
REVISION 10-77

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