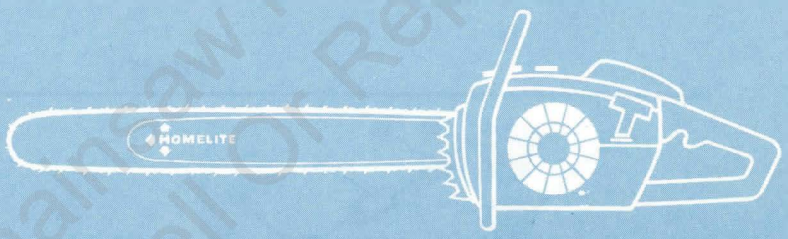
BLACK

XL AUTOMATIC
DIRECT DRIVE

PARTS LIST



HOMELITE®

XL

CHAIN SAWS

PART No. 23840 — T
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2-75

Leon's Chainsaw Parts & Repair
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HOMELITE XL AUTOMATIC CHAIN SAW

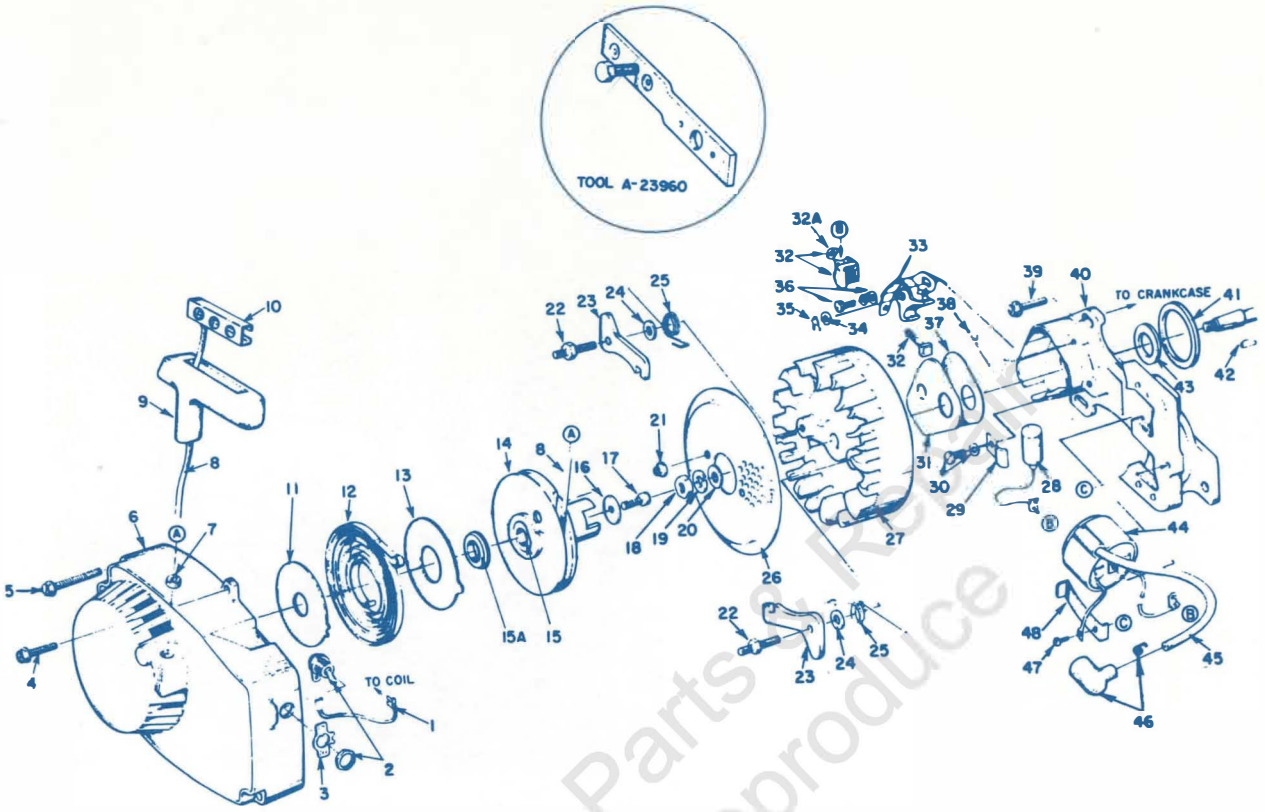

FIGURE 1

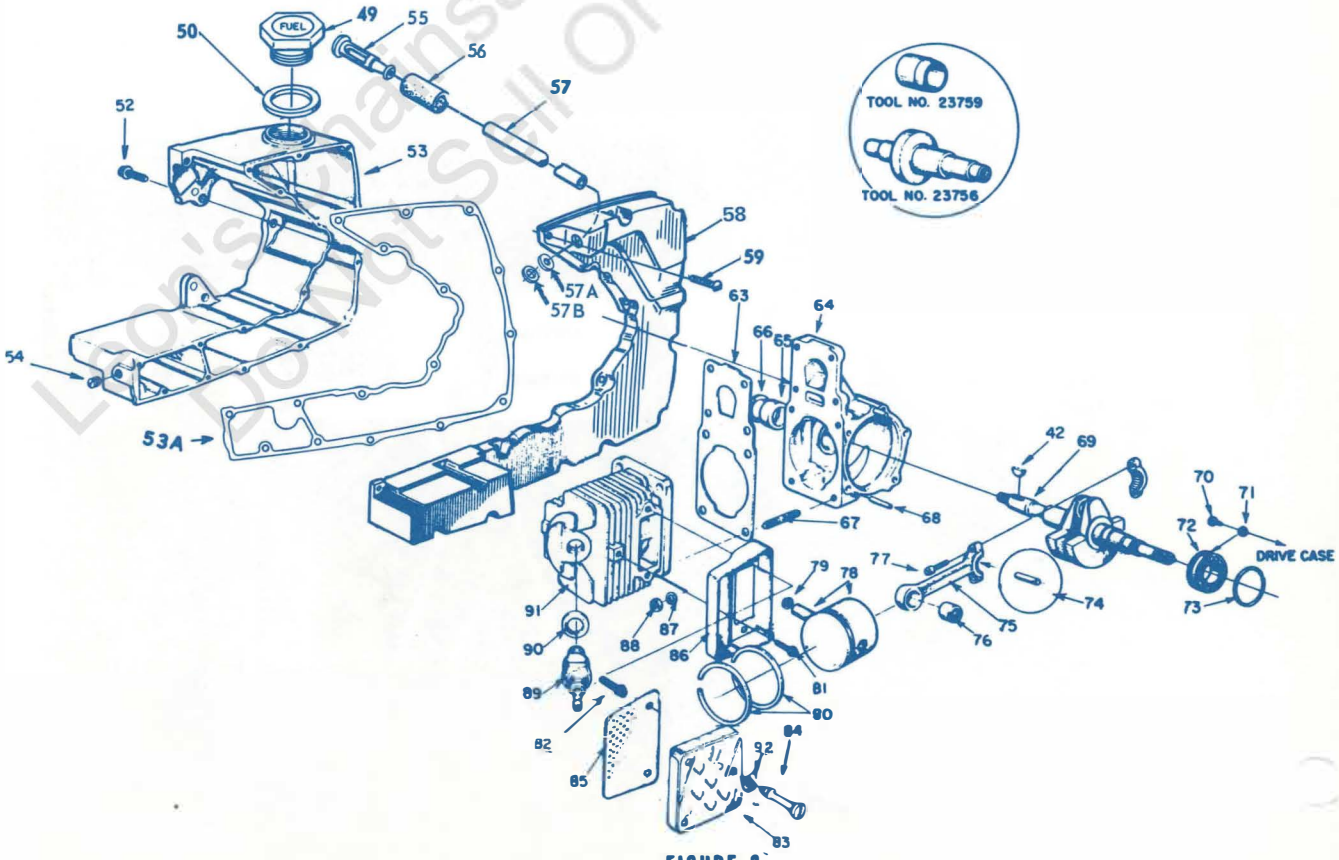

FIGURE 2

Lon's Chainsaw Parts
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HOMELITE XL AUTOMATIC CHAIN SAW

No.	Description		Part No.	Qty.
1	LEAD - ground w/term.		A59031	1
2	SWITCH - w/nut		A57650-3	1
3	PLATE - "ON" - "OFF"		72085-A	1
4	SCREW - hex, 12-24 x 5/8		80676	1
5	SCREW - hex, 12-24 x 1 11/16		58963	3
6	HOUSING - fan		A-64518-T	1
	Includes: BUSHING - starter post		64443	1
7	BUSHING - rope		67177	1
8	ROPE - starter		58806	1
9	GRIP - rope		58915	1
10	INSERT		58847	1
11	SHIELD - spring (inner)		59638-A	1
12	SPRING - recoil		58764-A	1
13	SHIELD - spring (outer)		59639-A	1
14	PULLEY - starter		A64446	1
15	Includes: LOCK - spring		64049-A	1
15A	BUSHING - spring lock		64400	1
16	WASHER - retaining		58763	1
17	SCREW - hex, 10-32 x 1/2		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-D	2
23	PAWL - starter		58756	2
24	WASHER		83056	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/felt	"W"	A58914-A	1
34	Includes: WASHER - point	"W"	28028	1
35	CLIP - post	"W"	28008	1
33	POINT SET w/felt and			
	terminal block	"P"	A59861	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 5/8		80676	3
40	BOX - breaker	"W"	58875-B	1
		"P"	59859	1
41	GASKET		59538	1
42	KEY - rotor		75078	1
43	SEAL - felt		59760	1
44	COIL	"W"	58874-A	1
		"P"	59860	1
45	LEAD - hi-tension		58966	1

No.	Description		Part No.	Qty.
46	TERMINAL		A33055	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 2		A-69500	1
50	Includes: GASKET		69501	1
52	SCREW - shoulder		63407	3
53	TANK - fuel, incl. item #49		A-68396-T	1
53A	GASKET		120184	1
54	PLUG - pipe 1/16-27		59571	1
55	FILTER ASSEMBLY		A-69923	1
56	Includes: FELT		64083	1
57	LINE - fuel, flexible 3		70310-37	1
57A	GROMMET		68279	1
57B	GROMMET		68046	1
58	COVER - tank		122437-2	1
59	SCREW - rd. hd. #8 x 5/8		122228	16
63	GASKET		59771	1
64	CRANKCASE		A58799-D	1
65	Includes: BEARING		58956	1
66	SEAL		12282-A	1
67	STUD		69438	4
68	PIN - dowel		63621	2
69	CRANKSHAFT		63498-1	1
70	SCREW - bearing retainer		59704	2
71	WASHER - lock		59705	2
72	BEARING - ball		58190-S	1
73	RING - retaining		58319-A	1
74	ROLLER - set (31)		A-69054	1
75	ROD - connecting		A63477-B	1
76	Includes: BEARING		58724	1
77	SCREW		69919	2
78	KIT, PISTON		A-121690	1
79	Includes: RING - retainer		75120	1
79A	RING - retainer		64813	1
80	RING - piston		59436	1
81	SCREW - hex hd. 12-24 x 1		80864	1
82	SCREW - hex 12-24 x 5/8		121430	2
83	CAP MUFFLER		69374-1T	1
84	SCREW, SHOULDER		68480	3
85	BAFFLE		68678	1
86	BODY - muffler		A-68460-1A	1
87	WASHER - lock 1/4"		83009	4
88	NUT - 1/4-28		81065-2	4
89	SPARK PLUG		78279	1
90	Includes: GASKET		25038	1
91	CYLINDER		A-122318	1
92	WASHER		122475	3

ACCESSORIES - available from your HOMELITE Dealer.

NOISE SUPPRESSOR	#A-63080
EXCHANGER - heat	#A-63442
SPARK ARRESTOR	#A-63500

② A-64140-A CAP for units prior to Ser. # 02470241

③ 63745 line for units prior to ser. #10110001

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HOMELITE XL AUTOMATIC CHAIN SAW

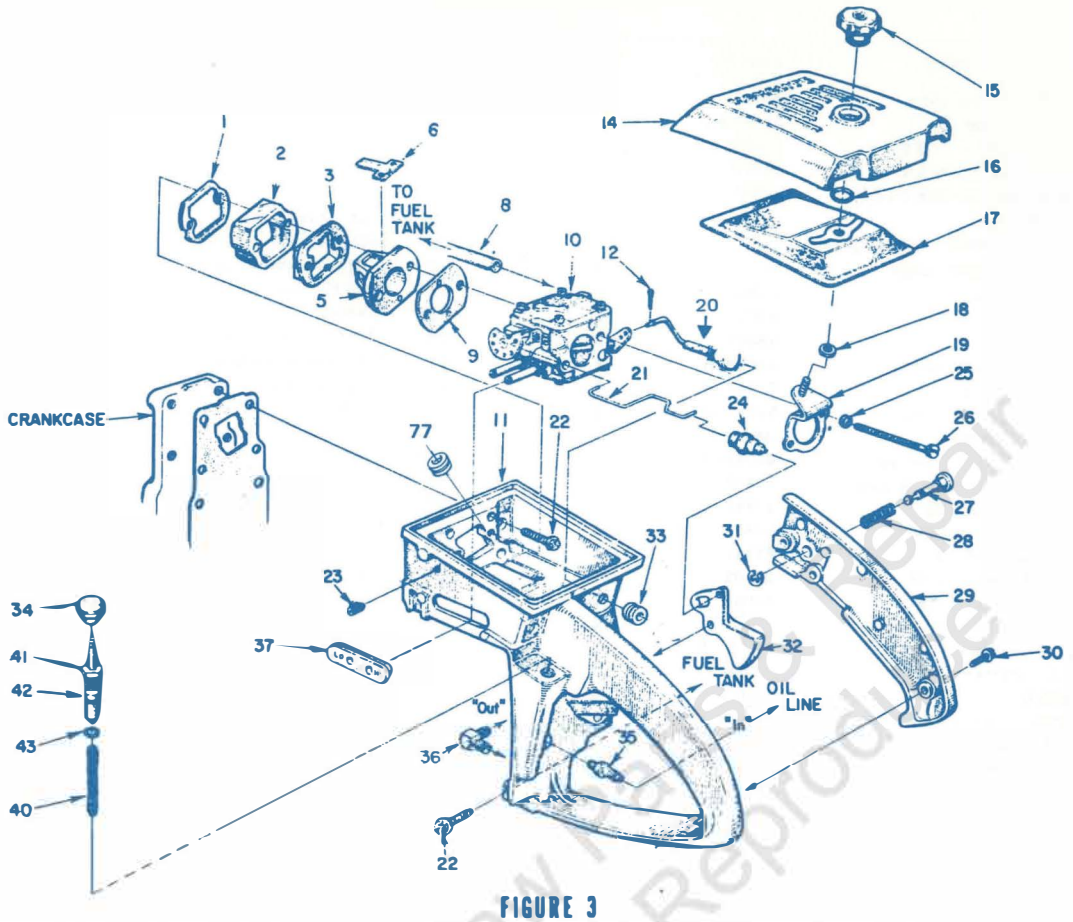

FIGURE 3

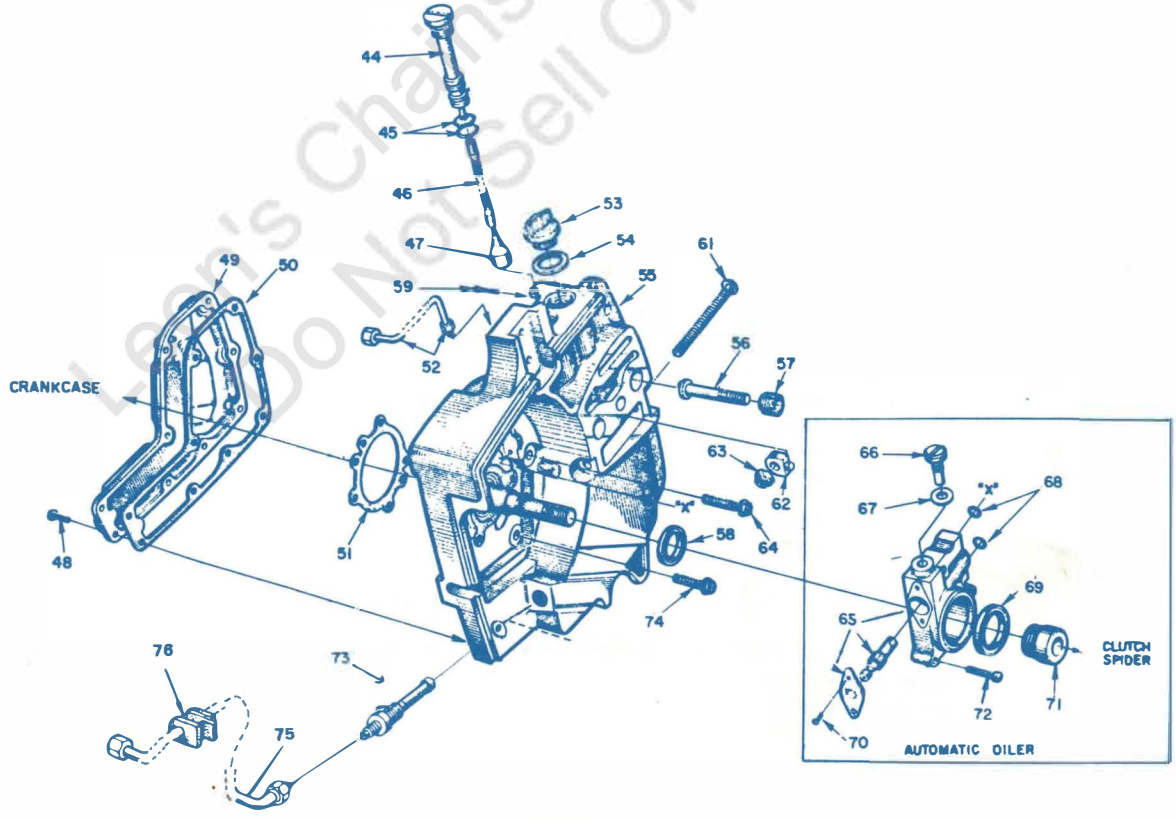

FIGURE 4

Leon's Chainsaw Repair
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ALWAYS FURNISH MODEL AND SERIAL NUMBER WHEN ORDERING PARTS.

HOMELITE XL AUTOMATIC CHAIN SAW

No.	Description	Part No.	Qty.
1	GASKET – spacer	59274	1
2	SPACER	59718	1
3	RETAINER – reed valve	63260-A	1
5	SEAT – reed valve	63253	1
6	VALVE – reed	59678-B	4
8	LINE – fuel (flexible)	70310-37	1
9	GASKET – carburetor	59722	1
10	CARBERETOR KIT	A-68407-A	1
	includes: (see fig. 2)		
57	Line, fuel	70310-37	1
57A	GROMMET	68279	1
57B	GROMMET	68046	1
11	CHAMBER, Carburetor	A-67840	1
	Includes: (not shown)		1
	COTTER PIN	86301	
	FELT	63290	1
	PLUG 1/4-28	63310	1
	PLUG 5/16-18	63303	1
	#24 BOOT	67634	1
12	COTTER PIN	86324	1
14	COVER – air filter	58773-11	1
15	NUT – cover	A-65272	1
16	RING – retaining	58319-A	1
17	FILTER ELEMENT	63589-A	1
18	GASKET – mounting stud	58392-1	1
19	BRACKET – mounting	A-59822-A	1
20	ROD – choke	68130-1	1
21	ROD – throttle	59763	1
22	SCREW – hex. 12-24 x 7/8	80891	5
23	SCREW – idle	63302	1
24	BOOT – throttle rod	67634	1
25	WASHER – lock, #10	83046	2
26	SCREW – hex. 10-32 x 2-11/16	80921	2
27	PIN – throttle lock	58924-4	1
28	SPRING – lock	58405	1
29	COVER – handle	A-59213-1	1
	Includes: BUSHING – pin	59064	1
30	SCREW – pan. 8-32 x 1/2	80560	2
31	RING – retaining	58409	1
32	TRIGGER, Throttle	58859	1
33	GROMMET	58362	1
34	BUTTON	57289-1	1
35	VALVE – check "IN"	A-59818	1
36	VALVE – check "OUT" 90°	A-59011	1
37	GROMMET	59770	1
			1

No.	Description	Part No.	Qty.
40	SPRING – plunger	59293	1
41	PLUNGER – oil pump	A-57834-10	1
42	Includes: "O" RING – plunger	74388	1
43	"O" RING – shaft	59074	1
44	TUBE – oil line	59325-2	1
45	"O" RING	59765	2
46	LINE – oil	70309-09	1
47	FILTER – oil	A-68593	1
48	SCREW – rd., #8 x 5/8	122228	9
49	COVER – oil reservoir	59649-4AT	1
50	GASKET – cover	59710	1
51	GASKET	63355	1
52	LINE – oil (discharge)	A-59806	1
53	CAP – filler oil	A-120909	1
54	Includes: GASKET	56607	1
55	DRIVECASE –	A-59930-FT	1
56	Includes: STUD – guide bar	67475	2
57	INSERT – threaded	67476	2
58	SEAL	58308-B	1
59	COTTER PIN	86301	1
61	SCREW – pin, 1/4 – 20 x 2	63225-T	1
62	PIN – bar adjusting	67586-1A	1
63	NUT – lock, 1/4 – 20	81204	1
64	SCREW – hex. 12-24 x 1	80864	1
65	PUMP – automatic oiler	A-59809-A	1
66	Includes: SCREW – cam	64102-A	1
67	GASKET	59736	1
68	"O" RING	59074	1
69	SEAL – felt	59926	1
70	SCREW – pan. 4-40 x ¼	80919	2
71	GEAR, Worm	59675	1
72	SCREW, Pan hd 8-32x3/4	80567	3
73	FILTER – oil w/connector	A-59804-A	1
74	SCREW – hex. 12-24 x 9/16	80899	4
75	Line, oil	A-59819	1
76	Includes: grommet	59794	1
77	GROMMET	68279	1

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HOMELITE XL AUTOMATIC CHAIN SAW

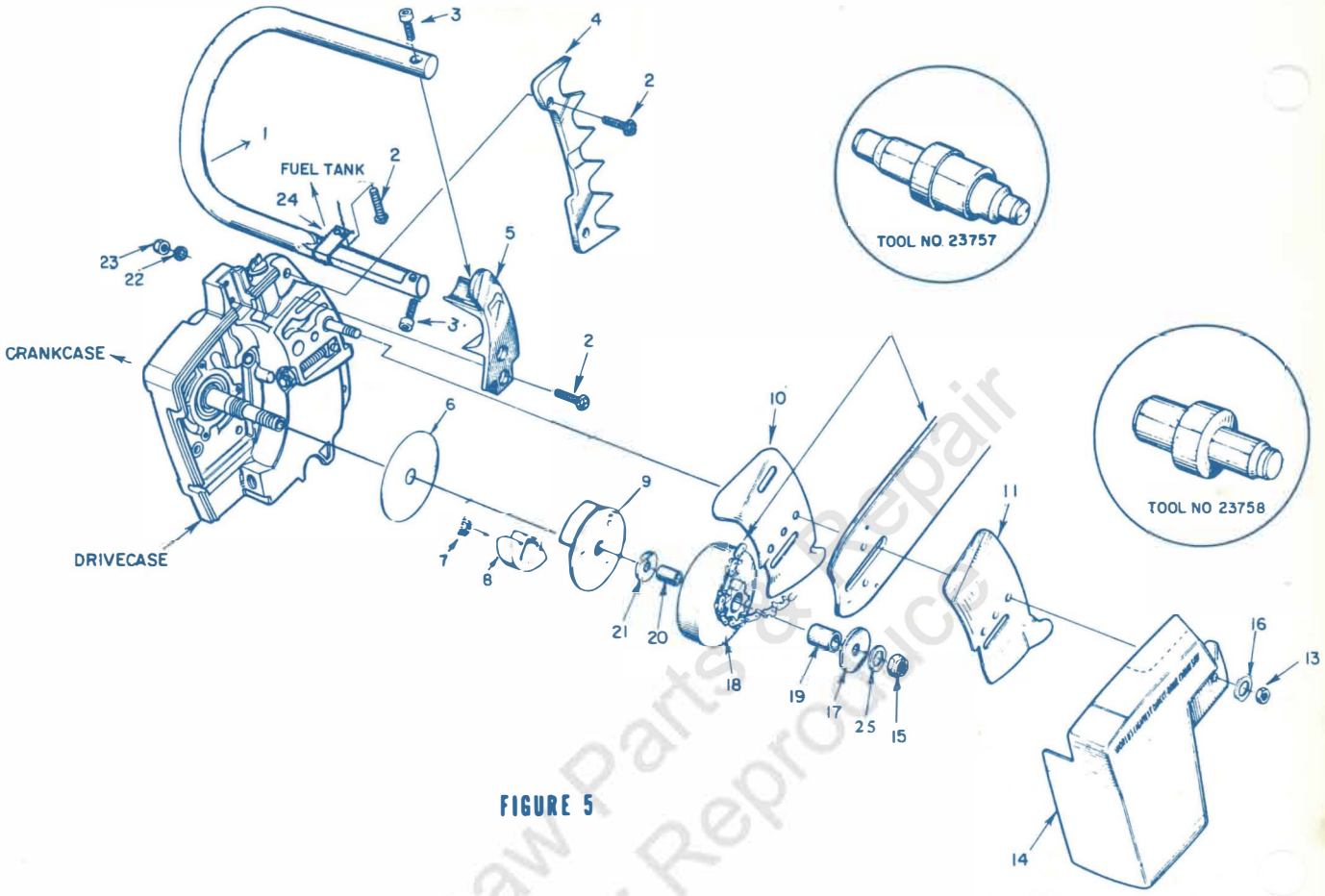

FIGURE 5

No.	Description	Part No.	Qty.	No.	Description	Part No.	Qty.
1	HANDLE BAR — flush cut	A-63909-4T	1	14	COVER — drivecase	58750-19	1
2	SCREW — hex. 1/2-24 x 3/4	80867	6	15	NUT — 3/8-24	81124	1
3	SCREW — socket	80428	2	16	WASHER — flat, 3/8	84010	2
4	**BUMPER — spiked**	58961	1	17	WASHER — trust (outer)	65064	1
5	BRACKET — handle bar	59651-1A	1	18	SPROCKET & DRUM — 7 tooth, 3/8" pitch	A-59552-T	1
6	COVER — clutch	63051	1	19	Includes: BEARING — needle	72311	1
7	SPRING — clutch	67053	3	20	RACE — inner	55584	1
8	SHOE — clutch	69461	3	21	WASHER — thrust (inner)	58833	1
9	PLATE — back (clutch)	65760-1	1	22	WASHER — lock, #12	83056	2
10	PLATE — inner guide bar	67509	1	23	NUT — 12-24	81068	2
11	PLATE — outer guide bar	67510	1	24	CLAMP — handle bar	63291-A	1
13	NUT — hex. 3/8-16	81089-2	2	25	WASHER, Lock	83018	1

KIT-spiked Bumper A-59043 includes items:

No.	Description	Part No.	Qty.
4	**BUMPER-spiked**	58961	1
22	**WASHER-lock No. 12**	83056	2
23	**NUT Hex. 12-24**	81068	2
2	**SCREW, Hex. Hd. 12-24 x ¾**	80867	2

SPECIAL TOOLS (available on order)

Part No.	Description	Part No.	Description
A-23937-B	WRENCH — combination	23884-A	SLEEVE — bearing and shaft
22828	PLIERS — piston snap ring	23844	SLEEVE — crankcase assembly
23528	WRENCH — socket screw (conn. rod)	23843	SLEEVE — drivecase assembly
23756	PLUG — bearing assembly and disassembly — conn. rod	23845	PLUG — drivecase assembly
23757	PLUG — bearing assembly and disassembly — drive and crankcases	23846	ANVIL — crankshaft installation
23819	PLUG — needle bearing (sprocket)	23136	BODY — jackscrew
23758	SEAL ASSEMBLY — drive and crankcases	A-23137	JACKSCREW
23759	SLEEVE — crankshaft assembly	22820-1	COLLAR — bearing
A-23960	REMOVER AND LOCKING BRACKET — rotor	A-24322	WRENCH — insert (guide bar stud)
23800	TOOL — seal assembly (crank and drivecases)	A-23949	PLUG — piston pin removal
		A-23934	CLUTCH SPANNER WRENCH

PAINT

23475 SPRAY CAN — red
23343 SPRAY CAN — green
23560 SPRAY CAN — white

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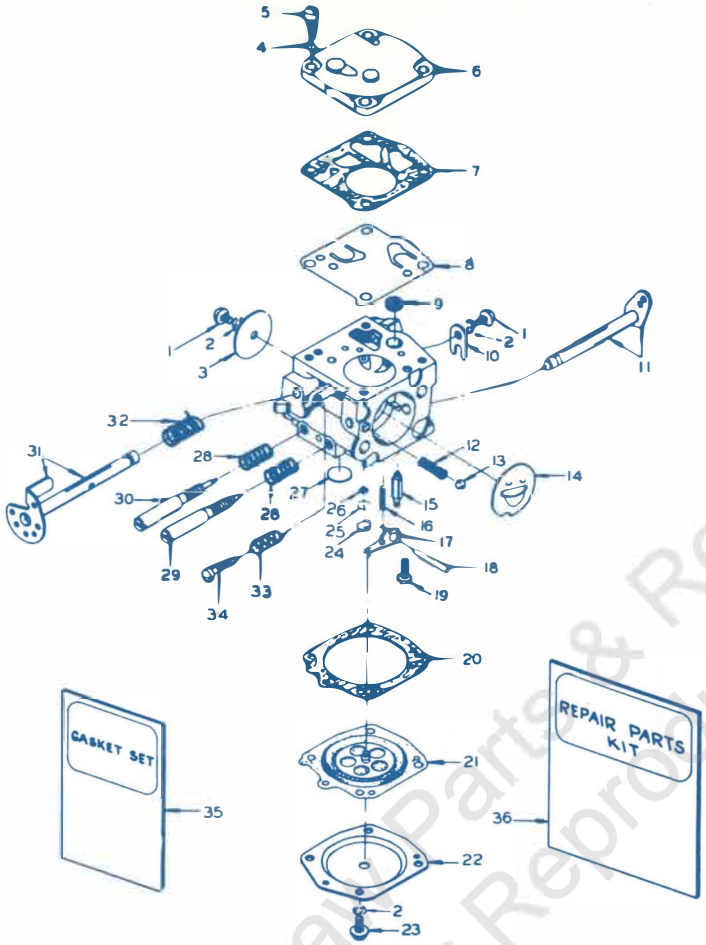

Model – Tillotson HS-179A, A-68363-B see note 3

Service replacement for HS-1A, HS-4A, HS-4B, HS-5A, HS-5B, HS-5C, HS-4D models.
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	*58980R	DIAPHRAGM - fuel pump	1
9	*58974	SCREEN	1
10	58982	CLIP - throttle shaft	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
25	57819	RING - retaining	1
26	59500	SCREEN - channel	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	A-63345	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

* 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 # A-68407-AT

Chainsaw Parts & Repair
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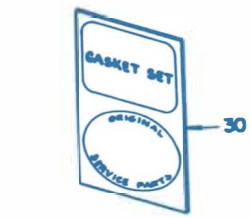
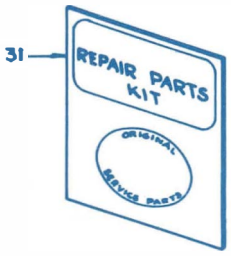
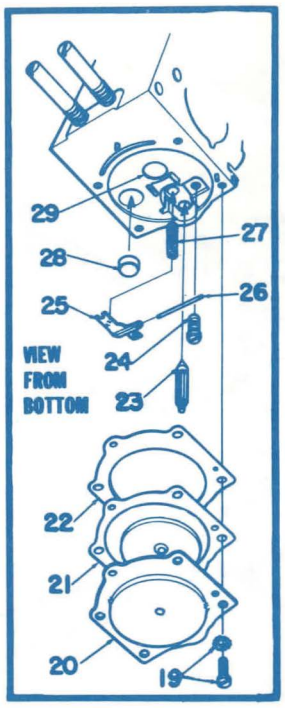
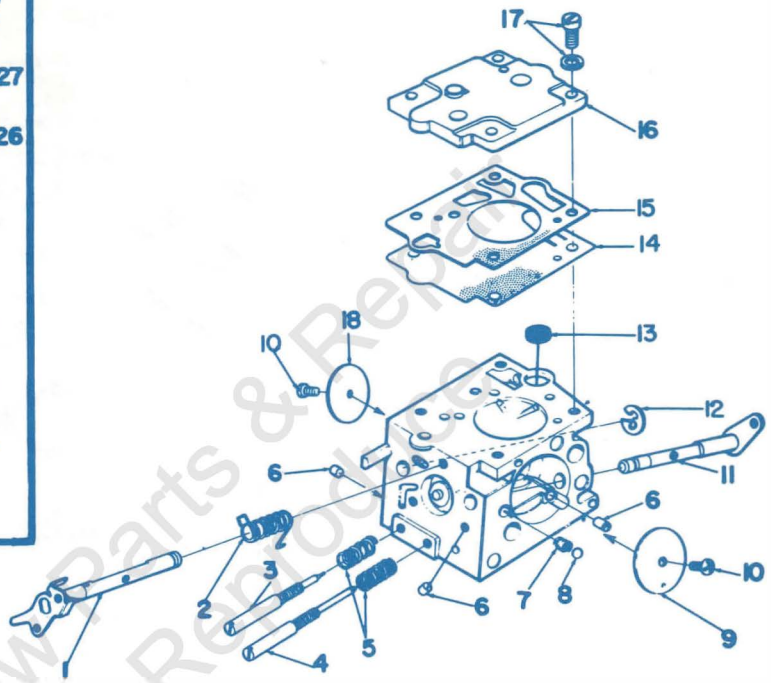
A-68407-A
SUPERSEDES
A-68407









Used on XL Auto
XL 12
SXL Auto
SXL 12 Auto
Super XL
Super XL 15

A-68407-A (SDC-48)

No.	Description	Part No.	Qty.
1	THROTTLE SHAFT ASSEMBLY	67007	1
2	SPRING-throttle return	†67006	1
3	NEEDLE-idle	†67004	1
4	NEEDLE-high speed	†67011	1
5	SPRING-needle adjusting	†64236	2
6	PLUG-limiting	64692	3
7	SPRING-choke friction	64238	1
8	BALL-choke friction	60051	1
9	VALVE-choke	64228	1
10	SCREW-valve	†64693	2
11	CHOKE SHAFT ASSEMBLY	67109	1
12	RING-throttle shaft retaining	64221	1
13	SCREEN-fuel inlet	†64243	1
14	DIAPHRAGM-fuel pump	†64233	1
15	GASKET-fuel pump	†67008	1
16	COVER-fuel pump	67002	1
17	SCREW-fuel pump cover	64694	4
18	VALVE-throttle	67003	1
19	SCREW ASSEMBLY	64689	4
20	COVER-metering diaphragm	64224	1
21	METER DIAPHRAGM ASSEMBLY	†64235	1
22	GASKET-metering diaphragm	†64231	1
23	VALVE-inlet needle	64229	1
24	SCREW-metering lever pin	†64688	1
25	LEVER-metering	64245	1
26	PIN-metering lever	†64244	1
27	SPRING-metering lever	†67005	1
28	PLUG-welch (idle)	†30818	1
29	PLUG-welch (main)	†65482	1
30	GASKET SET	67019	
31	REPAIR KIT	67020	
	REPAIR KIT-check valve	§65386	
	FUEL LINE	§68155	1
*	GROMMET-(for fuel tank)	§68046	1
*	GROMMET – (for throttle handle)	68279	1

ACCESSORY: 24173-DRIVER-check valve installation – used with 65386 Repair Kit

† Included in Repair Kit

§ (not shown)– Included in A-68407-A

* Denotes new parts

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