

XL101

XL102

XL103

XL104

HOMELITE XL CHAIN SAWS

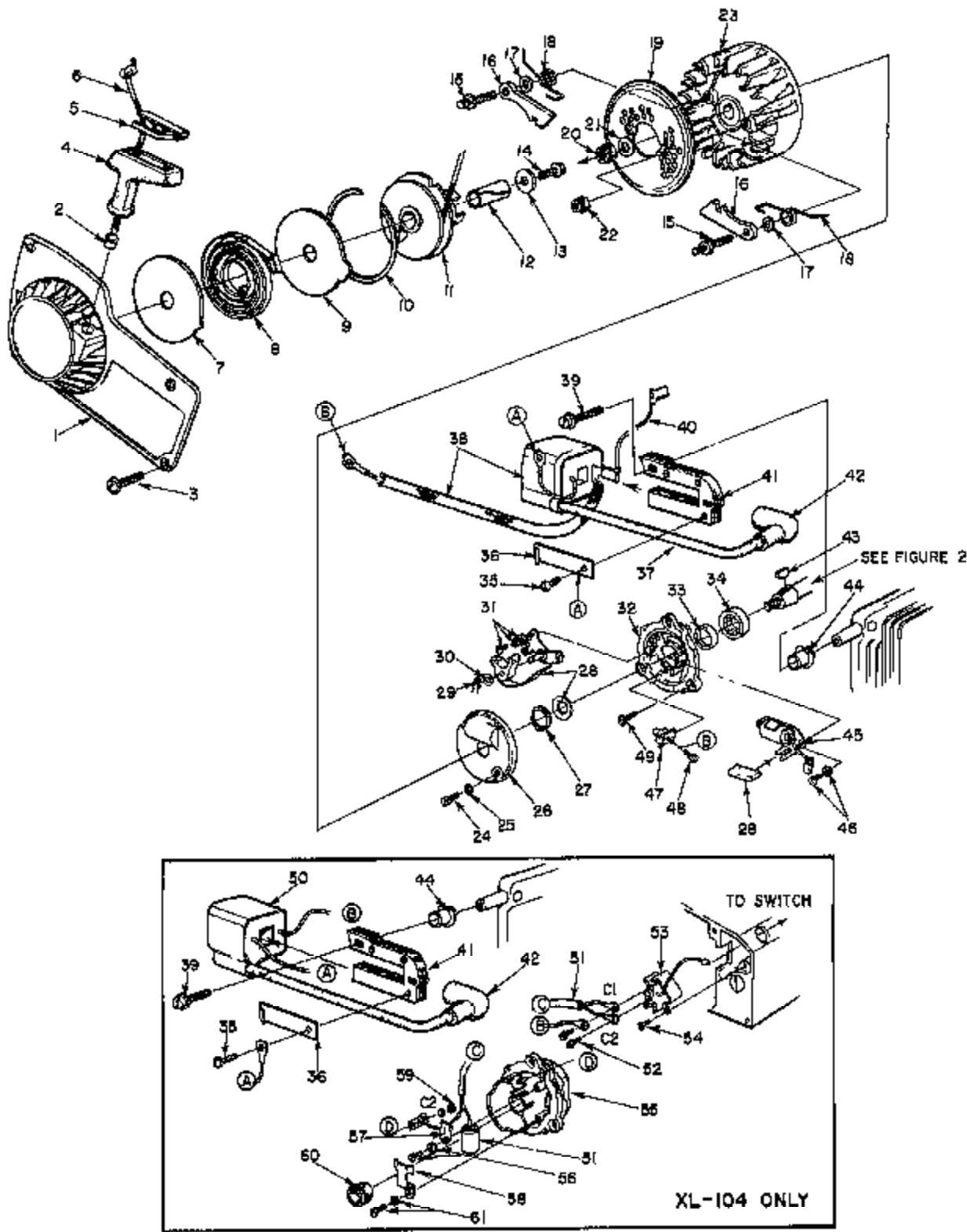


FIGURE 1

HOMELITE XL CHAIN SAWS

No.	Description	Part No.	XL-101	XL-102	XL-103	XL-104	Qty
1	HOUSING - fan	A-64191-1	*	*	*	*	1
2	Includes: BUSHING - starter rope	59313	*	*	*	*	1
3	SCREW - pan hd., #8-32 x 1/2"	60660	*	*	*	*	4
4	GRIP - starting rope	64155	*	*	*	*	1
5	INSERT - rope retaining	64154	*	*	*	*	1
6	ROPE - starter	63869	*	*	*	*	1
7	SHIELD - spring (inner)	63713	*	*	*	*	1
8	SPRING - rewind	63870	*	*	*	*	1
9	SHIELD - spring (outer)	63714	*	*	*	*	1
10	RING - shield retaining	63875	*	*	*	*	1
11	PULLEY & CUP ASSEMBLY - starter	A-63952 A	*	*	*	*	1
12	BUSHING - starter post	64374	*	*	*	*	1
13	WASHER - retaining	63606	*	*	*	*	1
14	SCREW - hex hd., #10-32 x 1/2"	60848	*	*	*	*	1
15	STUD - shoulder	63877	*	*	*	*	2
16	PAWL - starter	64442	*	*	*	*	2
17	WASHER - flat	58851	*	*	*	*	2
18	SPRING - starter pawl	58768-2	*	*	*	*	2
19	SCREEN - rotor	63219	*	*	*	*	1
20	NUT - lock, 5/16-24	31112	*	*	*	*	1
21	WASHER - flat, 5/16	64055-1	*	*	*	*	1
22	NUT - "Flexloc", #10-32	31109-2	*	*	*	*	2
23	ROTOR - magneto	63837	*	*	*	*	1
24	SCREW - cover	64437 -	*	*	*	*	2
25	WASHER - flat, #6	64085	*	*	*	*	2
26	COVER ASSEMBLY - breaker box	A-63928	*	*	*	*	1
27	FELT RETAINER	64089	*	*	*	*	1
28	POINTS - set w/felt	A-64087	*	*	*	*	1
29	Includes CLIP - post	28008	*	*	*	*	1
30	WASHER - post	28028	*	*	*	*	1
31	SCREW - breaker clamp	76421	*	*	*	*	2
32	BACK PLATE	63624-1 A	*	*	*	*	1
33	SEAL	68688-A	*	*	*	*	1
34	BEARING - roller	63867	*	*	*	*	1
35	SCREW - coil retaining clip	58872	*	*	*	*	1
36	CLIP - coil retaining	54423	*	*	*	*	1
37	LEAD - high tension	58968	*	*	*	*	1
38	COIL - ignition	64091	*	*	*	*	1
39	SCREW - coil core	64021	*	*	*	*	2
40	LEAD - ground to switch	A-83939	*	*	*	*	1
41	CORE - coil	54422	*	*	*	*	1
42	TERMINAL - spark plug	A-33056	*	*	*	*	1
43	KEY	75078	*	*	*	*	1
44	RETAINER - lead	64301	*	*	*	*	1
45	CONDENSER & CLAMP	64086	*	*	*	*	1
46	SCREW - condenser clamp	72486	*	*	*	*	2
47	BLOCK - terminal	64088	*	*	*	*	1
48	SCREW - terminal	64090	*	*	*	*	1
* 49	SCREW - flat hd. phillips, A2 size - #12-24 x 5/8"	65351/53145	*	*	*	*	3
50	COIL - ignition	64435	*	*	*	*	1
x x x 51	CONDENSER & LEAD	64427	*	*	*	*	1
x x x 52	SCREW GROUP	64734	*	*	*	*	1
x x x 53	SWITCH BOX	A-64440	*	*	*	*	1
54	SCREW - flat hd. #6-32 x 3/8"	B0451	*	*	*	*	1
x x x 55	BACK PLATE & COIL	A-64426	*	*	*	*	1
56	SCREW - lead hold down plate	64432	*	*	*	*	1
57	PLATE - lead hold down	64431	*	*	*	*	1
58	CLAMP - condenser	63627	*	*	*	*	1
59	LOCKWASHER - coil lead clamp nut	64430	*	*	*	*	1
60	CAP - dust	64423	*	*	*	*	1
61	SCREW - condenser clamp	55411	*	*	*	*	1

Requires 64948 lock
w. H. - A pulley

65909 Red Switch

65908 Red Switch

65913 Red Switch

65912 Red Switch

65911 Red

65908 Red Switch

* Ser. Memo 689CS
** Ser. Memo 692CS
*** Ser. Memo 702CS

ALWAYS FURNISH MODEL AND SERIAL NUMBER WHEN ORDERING PARTS.

HOMELITE XL CHAIN SAWS

(P) See Model 735CS

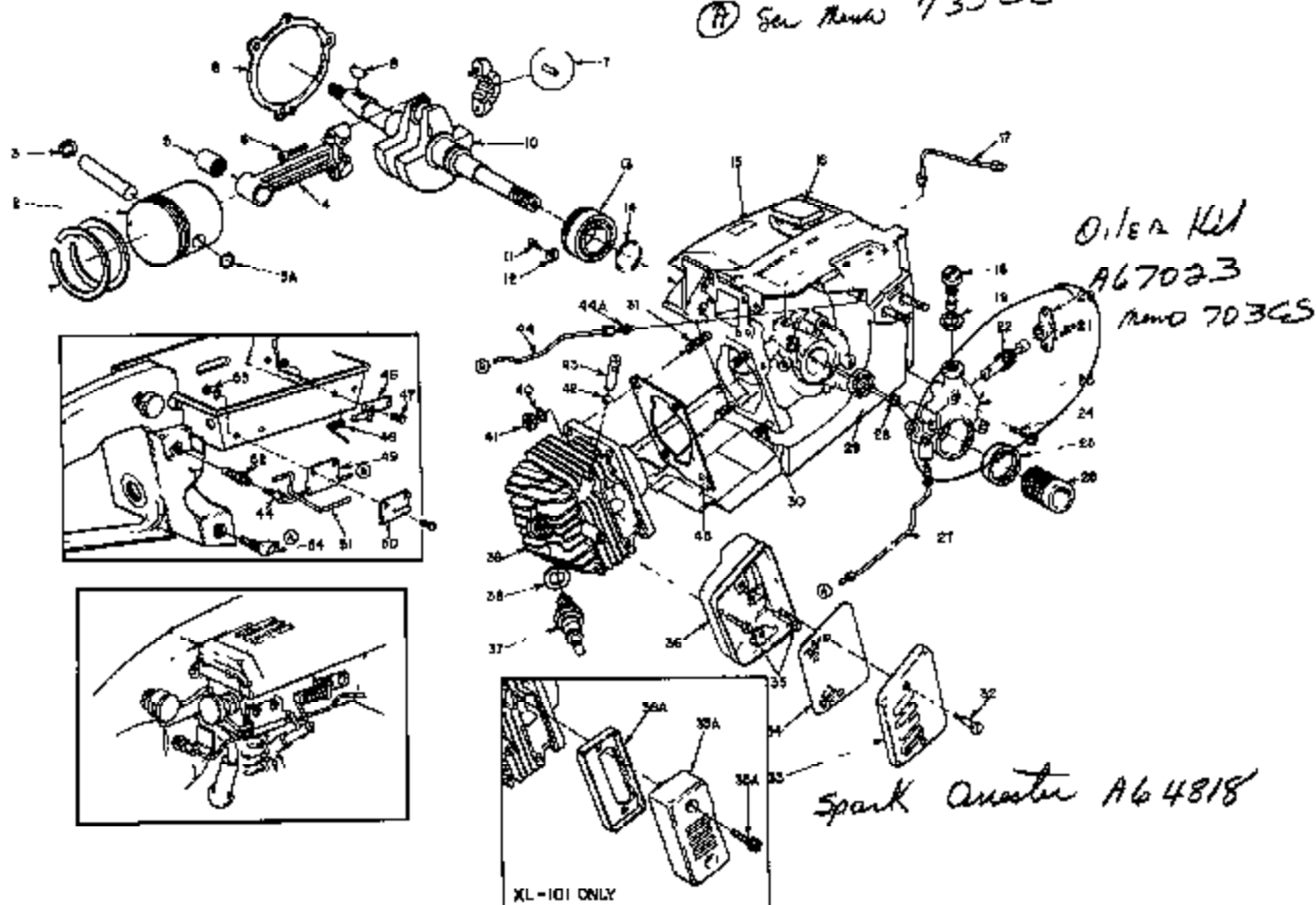
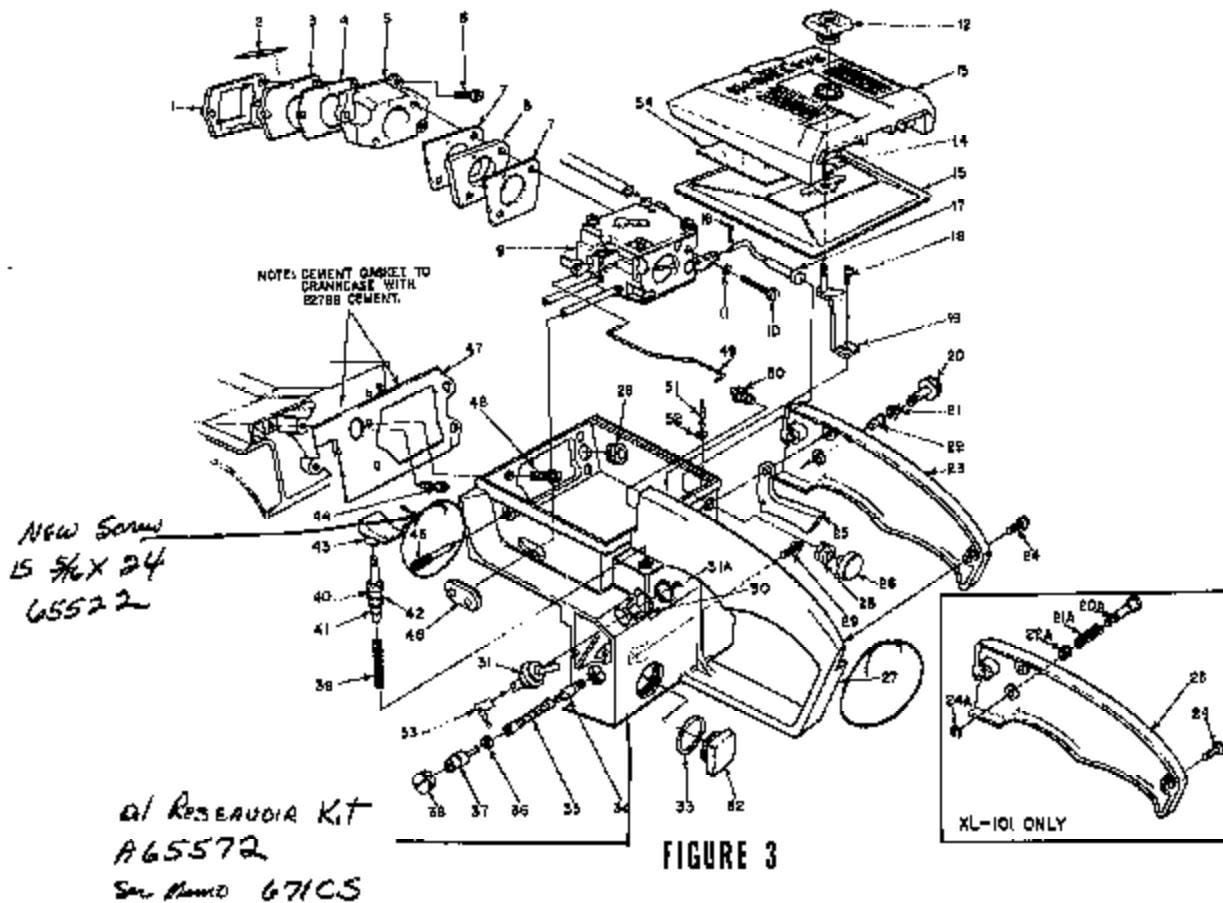


FIGURE 2

No.	Description	Part No.	XL-101	XL-102	XL-103	XL-104	Qty.
1	PISTON RING	59436	*	*	*	*	2
2	PISTON & PIN	66877	*	*	*	*	1
3	PISTON & PIN	A-68488-B	*	*	*	*	1
3A	PISTON & PIN	A-68903-B	*	*	*	*	1
4	Include RING - retaining	78120	*	*	*	*	1
4A	Include RING - retaining	64813	*	*	*	*	1
5	ROD - connecting	A-83780	*	*	*	*	1
6	Include BEARING - needle	68724	*	*	*	*	1
6A	Include BEARING - needle	60886	*	*	*	*	2
7	ROLLER - needle (set of 31)	A-83797-A	*	*	*	*	1
8	GASKET - crankcase	63361	*	*	*	*	1
9	KEY	76078	*	*	*	*	1
10	CRANKSHAFT	63304-1	*	*	*	*	1
11	CRANKSHAFT	63204-2	*	*	*	*	1
12	SCREW - bearing retainer	69704	*	*	*	*	2
13	WASHER - special	63806	*	*	*	*	2
14	BEARING - ball	63865-B	*	*	*	*	1
15	RING - retaining	68310-A	*	*	*	*	1
16	DECAL	64144	*	*	*	*	1
17	CAP - fuel filler	A-84376	*	*	*	*	1
18	LINE - oil (auto-upper)	A-83819	*	*	*	*	1
19	SCREW - cam	64102-A	*	*	*	*	1
20	GASKET	69738	*	*	*	*	1
21	BEARING - flange	69713	*	*	*	*	1
22	SCREW - pin hd., #4-40 x 1/4"	60819	*	*	*	*	2
23	PLUNGER W/HELICAL GEAR	63228	*	*	*	*	1
24	HOUSING - oil pump	A-83646	*	*	*	*	1
25	SCREW - pin hd., #8-32 x 3/8"	60688	*	*	*	*	3
26	SEAL - felt	84563	*	*	*	*	1
27	WORM - oil pump	63228	*	*	*	*	1
28	LINE - oil (auto-lower)	A-83647	*	*	*	*	1
29	"O" RING	60872	*	*	*	*	1
30	SEAL	68908-A	*	*	*	*	1
31	STUD - cylinder (short)	66871	*	*	*	*	3
32	STUD - cylinder (long)	63868	*	*	*	*	1
33	SCREW - shoulder	64133-A	*	*	*	*	2
34	CAP - muffler	64126	*	*	*	*	1
35A	BODY - muffler	64131-T	*	*	*	*	1
36	BAFFLE - muffler	64128	*	*	*	*	1
37	SCREW - hex hd., #12-24 x 1/2"	60821	*	*	*	*	3
38A	SCREW - hex hd., #12-24 x 1 1/4"	60864	*	*	*	*	2
39	BODY - muffler	A-64130	*	*	*	*	1
39A	BASE - muffler	64132	*	*	*	*	1
40	SPARK PLUG	63647-S	*	*	*	*	1
41	Includes GASKET	26038	*	*	*	*	1
42	CYLINDER	A-64842-1 A	*	*	*	*	1
43	CYLINDER	63165-1	*	*	*	*	1
44	WASHER - lock, 1/4"	65008	*	*	*	*	4
45	NUT - hex, 1/4" x 28	61066-2	*	*	*	*	4
46	BALL - compression relief	64728	*	*	*	*	1
47	PIN - compression relief	(See Note #1, page 7)	*	*	*	*	1
48	LINE - oil (manual)	A-8480-B	*	*	*	*	1
49	LINE - oil (manual)	(See Note #2, page 7)	*	*	*	*	1
50	FITTING TUBE - straight	A-83948-A	*	*	*	*	1
51	GASKET - cylinder	63237	*	*	*	*	1
52	PIVOT PIN & BRACKET ASSY.	A-64856-2	*	*	*	*	1
53	SCREW - pin hd., #6-32 x 3/8"	60671	*	*	*	*	4
54	SPRING - relief valve	64853	*	*	*	*	1
55	CLAMP - oil clamp	64847-2	*	*	*	*	1
56	CLAMP - lever	64855-2	*	*	*	*	1
57	LEVER - relief valve	(See Note #1, page 7)	*	*	*	*	1
58	VALVE - check	64854-A	*	*	*	*	1
59	NUT - "flexloc", #8-32	A-68488-1	*	*	*	*	1
60	FILTER - oil	61126	*	*	*	*	4
61		A-84741	*	*	*	*	1

HOMELITE XL CHAIN SAWS



No.	Description	Part No.	XL-101	XL-102	XL-104	Qty.
1	RETAINER - reed valve	B4263	*	*	*	1
2	REED - valve	B6678-A	*	*	*	1
3	BEAT - reed valve	B4262	*	*	*	1
4	GASKET - reed valve seat	B4266	*	*	*	1
5	MANIFOLD - intake	B4286-1A	*	*	*	1
6	SCREW - shoulder	B4349	*	*	*	3
7	GASKET - carburetor	B4119-1	*	*	*	1
8	SPACER - carburetor	B4117-1	*	*	*	1
9	CARBURETOR (WALBRO BDC-11 (See Note below)	A-64195	*	*	*	1
10	SCREW - hex hd., #10-32 x 2"	B3866	*	*	*	2
11	WASHER - lock, #10	B2046	*	*	*	2
12	NUT - cover mounting	A-64288	*	*	*	1
13	COVER - air filter	B3183-2	*	*	*	1
14	RING - retaining	B8189-A	*	*	*	1
15	FILTER ELEMENT - air	A-65666-A	*	*	*	1
16	PIN - cotter	B6324	*	*	*	1
17	ROD - choke (See Note #3, page 7)	A-63842-1	*	*	*	1
18	SCREW - hex hd., #12-24 x 1/2"	B0621	*	*	*	1
19	BRACKET - air filter cover	A-63876	*	*	*	1
20	PIN - throttle lock	A-64391	*	*	*	1
20A	PIN - throttle lock	B8924-1	*	*	*	1
21	SPRING - throttle lock	B4877	*	*	*	1
21A	SPRING - throttle lock	B8406	*	*	*	1
22	BUSHING - throttle lock	B4848	*	*	*	1
22A	BUSHING - throttle lock	B8084	*	*	*	1
23	COVER - throttle handle	B3181-2	*	*	*	1
24	SCREW - pan hd., #8-32 x 1/2"	B0880	*	*	*	2
24A	RING - retaining	B8409	*	*	*	1
25	TRIGGER - throttle	B3212-A	*	*	*	1
26	BUTTON - choke	B7288-1	*	*	*	1
27	HANDLE - throttle (See Note #3, page 7)	A-64887-A	*	*	*	1

No.	Description	Part No.	XL-101	XL-102	XL-104	Qty.
28	HANDLE - throttle (See Note #3, page 7)	A-64876	*	*	*	1
	Includes: PLUG - pipe, 1/16-28 (not shown)	B8671	*	*	*	1
		A-64876	*	*	*	1
28	HANDLE - throttle (See Note #3, page 7)	B4862	*	*	*	2
	Includes: GROMMET (See Note #3, page 7)		*	*	*	2
29	SCREW - hex hd., #12-24 x 7/8"	B0891	*	*	*	1
30	PLATE - on-off	B3810	*	*	*	1
31	SWITCH	A-63938	*	*	*	1
31A	Includes: NUT	72084-A1	*	*	*	1
32	CAP - oil vented	A-64286	*	*	*	1
33	Includes: "O" RING	B6323	*	*	*	1
34	FILTER - oil (manual)	A-64283	*	*	*	1
35	LINE - flexible oil	B4356	*	*	*	1
36	GASKET	B8738	*	*	*	1
37	FITTING - check valve	A-63836	*	*	*	1
38	SCREW - set	B3113	*	*	*	1
39	SPRING - plunger	B8293	*	*	*	1
40	PLUNGER	A-67834-15	*	*	*	1
41	Includes: "O" RING	74068	*	*	*	1
42	"O" RING	B8074	*	*	*	1
43	BUTTON - oil pump	B3622	*	*	*	1
44	VENT - fuel tank	A-64311	*	*	*	1
45	SCREW - idle adjustment	B3728	*	*	*	1
46	GROMMET "HI-LO"	B8868	*	*	*	1
47	GASKET - throttle handle	B4287	*	*	*	1
48	SCREW - hex hd., #12-24 x 5/8"	B0875	*	*	*	4
49	ROD - throttle	B2886-1	*	*	*	1
50	BOOT - throttle rod	B8348	*	*	*	1
51	PIN - cotter	B8301	*	*	*	1
52	WASHER - felt	B3280	*	*	*	1
53	LEAD - ground	A-63838	*	*	*	1
54	PLATE - instruction	B4173	*	*	*	1
		B4724	*	*	*	1

* See Memo 702CS Ignition

** See Memo 681CS New handle

NOTE: Refer to Carburetor Parts List #24107.

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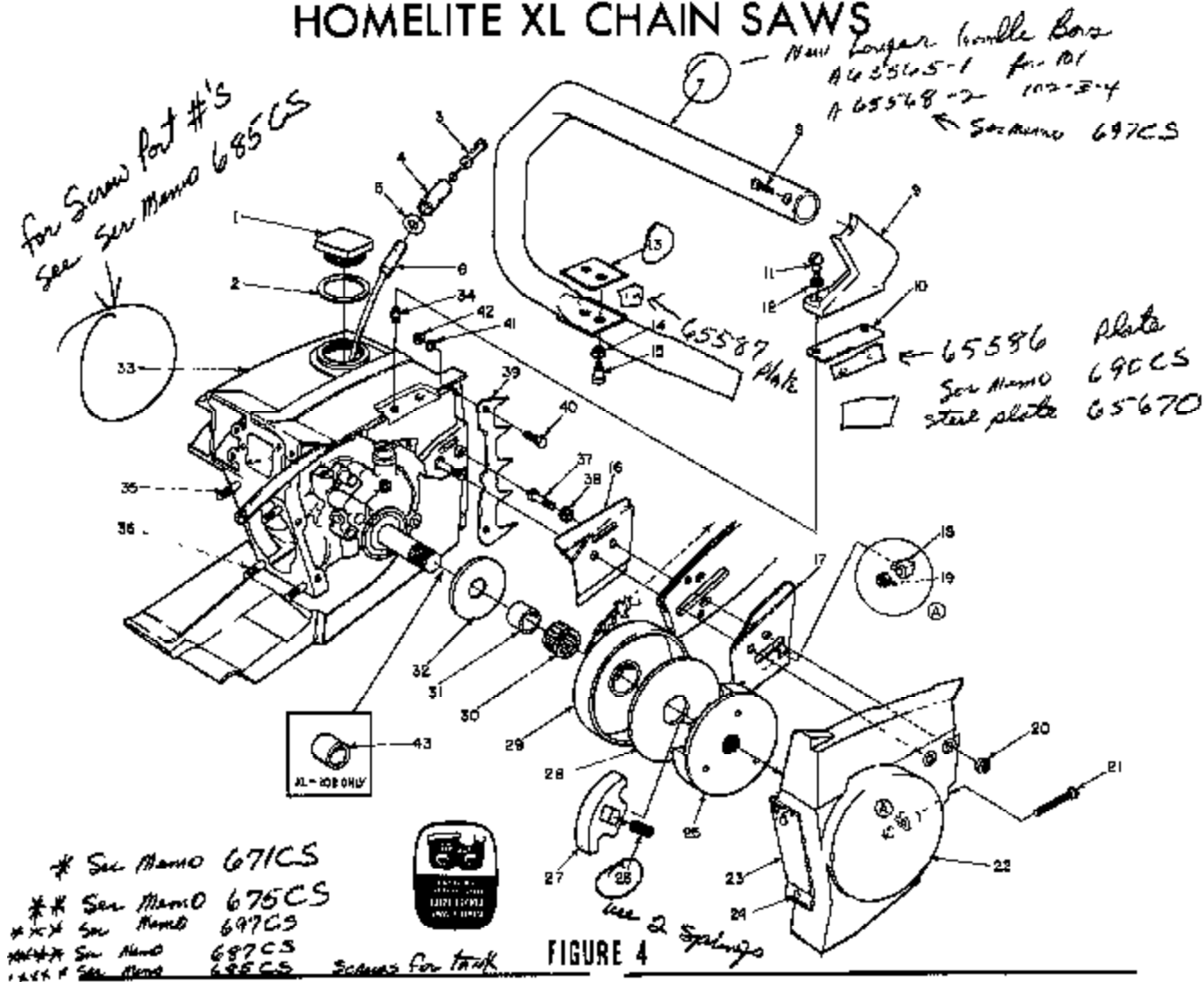


FIGURE 4

* See Memo 671CS
 ** See Memo 675CS
 *** See Memo 697CS
 **** See Memo 687CS
 ***** See Memo 686CS

Screws for tank

No.	Description	Part No.	XL-101	XL-102	XL-103	XL-104	Qty.	No.	Description	Part No.	XL-101	XL-102	XL-103	XL-104	Qty.
1	CAP - fuel filler	A-84376	*	*	*	*	1	23	Includes SHIELD - sawdust	84818	*	*	*	*	1
2	Includes GASKET	84808	*	*	*	*	1	24	RIVET - oval hd.	85081	*	*	*	*	2
3	FILTER - fuel	A-83820	*	*	*	*	1	25	PLATE - clutch (See Note #4, page 7)	84904-1	*	*	*	*	1
4	Includes FILTER - felt	84083-1	*	*	*	*	1								
5	WASHER	84182	*	*	*	*	1								
6	LINER - fuel	83544	*	*	*	*	1	26	PLATE - clutch	83868-1	*	*	*	*	1
* 7	HANDLE BAR 64799-1 1/2" See Memo 685CS	A-83063-2	*	*	*	*	1	27	SPRING - clutch	83877	*	*	*	*	3
8	HANDLE BAR 64799-1 1/2" See Memo 685CS	A-84148-1	*	*	*	*	1	28	SHOE - clutch (See Note #4, page 7)	84566-2	*	*	*	*	3
9	SCREW - socket hd., cap. #10-32 x 1"	82126	*	*	*	*	1	29	SHOE - clutch	83870	*	*	*	*	1
* 10	BRACKET - handle bar	83559-3	*	*	*	*	1	30	COVER - clutch	83871	*	*	*	*	1
	BRACKET - handle bar (use with clearing & bow guides)	84845-2	*	*	*	*	1	31	SPROCKET & DRUM ASSY. (See Note #4, page 7)	A-84808	*	*	*	*	1
* 11	PAD - bracket 65539	84810	*	*	*	*	1	32	BEARING - unit cage	A-83217	*	*	*	*	1
12	SCREW - shoulder	84814-A	*	*	*	*	2	33	RACE - inner	84323	*	*	*	*	1
* 13	GROMMET - handle bar	84474	*	*	*	*	2	34	WASHER - thrust	83590	*	*	*	*	1
* 14	PAD - handle bar 65536	84609	*	*	*	*	1	35	CRANKCASE & TANK 64799-1 1/2" See Memo 685CS	83880	*	*	*	*	1
* 15	GROMMET - handle bar	84473	*	*	*	*	2	36	CRANKCASE & TANK 64799-1 1/2" See Memo 685CS	A-84809	*	*	*	*	1
* 16	SCREW - shoulder 64794	84813-A	*	*	*	*	1	37	Includes INSERT - "TapLok"	72488	*	*	*	*	4
17	PLATE - guide bar (inner)	83638-A	*	*	*	*	1	38	STUD - cylinder	83886	*	*	*	*	1
18	PLATE - guide bar (outer)	83835-A	*	*	*	*	1	39	STUD - cylinder	85871	*	*	*	*	3
19	PIN - bar adjusting	83825-1	*	*	*	*	1	40	SEAL (not shown - see Fig. 2, item 28)	86308-A	*	*	*	*	1
20	NUT - lock, #10-32	81211	*	*	*	*	1	41	STUD - guide bar	83881	*	*	*	*	2
21	NUT - hex, 5/16-18	81196	*	*	*	*	2	42	INSERT - threaded	86898	*	*	*	*	2
22	SCREW - pan hd., #10-32 x 2 1/8"	82130-1	*	*	*	*	1	43	PIN - dowel (not shown)	71430	*	*	*	*	2
	COVER - drive case	A-84820-1	*	*	*	*	1	44	BUMPER - spiked	84087	*	*	*	*	1
	COVER - drive case for clearing & bow guides only	A-84820-4	*	*	*	*	1	45	SCREW - hex, #12-24 x 5/8"	80676	*	*	*	*	2
	COVER - drive case	A-84819-1	*	*	*	*	1	46	WASHER - lock, #12	83058	*	*	*	*	2
	COVER - drive case for clearing & bow guides only	A-84819-3	*	*	*	*	1	47	NUT - hex, #12-24	81068	*	*	*	*	2
								48	SPACER	84372	*	*	*	*	1

HOMELITE XL CHAIN SAWS

NOTES

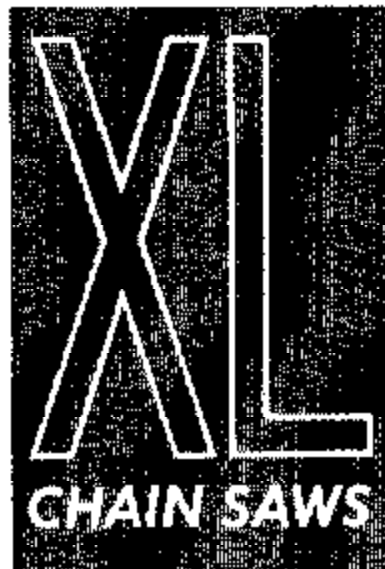
1. Units Below # 2888282 Replace Both Items # 43 & # 51 - Not Interchangeable - Must Be Used Together.
2. Units Below Serial # 2532641 Add Item # 44A Part # 31733-1 Straight Fitting To Crankcase To Use A-83948-A Oil Line.
3. For XL-101 & 102 Saws Below Serial # 2618394 And XL-103 & 104 Saws Below Serial # 2828088 Supply The Following:
 Item # 17 - Use A-83942 Choke Rod
 Item # 28 - Use 58382 Grommet (Choke)
 Item # 27 - When Replacing The Throttle Handle You Must Also Replace The Choke Rod With The New - Item # 17 - A-83942-1 Choke Rod.
4. On XL-102, 103, & 104 Saws With Old Style 2 3/4" Clutch Drums Replace The Following As A Set:
 Item # 25 - Clutch Plate
 Item # 26 - Clutch Springs
 Item # 27 - Clutch Shoes
 Item # 28 - Sprocket & Drum Assy.
 Item # 16 - Guide Bar Plate (Inner)
 Item # 17 - Guide Bar Plate (Outer)

Special Tools - available on order

A-23937-B	WRENCH - combination
22820-6	COLLAR - bearing installation (bearing to shaft)
22828	PLUG - retaining ring
23135-1	SLEEVE - bearing and shaft installation
23528	WRENCH - socket screw (connecting rod)
23756	PLUG - needle bearing assembly (connecting rod)
23759	SLEEVE - seal protection (back plate)
23845-2	ANVIL - roller bearing disassembly
A-23934	SPANNER - clutch (for use on XL-102, 103 and 104 with Ser #2617639 and up)
A-23849	TOOL - piston pin removal
A-23960	BRACKET - roller removal
23972	SLEEVE - seal installation (crankcase w/shaft)
24006-2	PLATE - shaft alignment
A-24061	JACKSCREW (bearing to shaft to crankcase)
24063	SLEEVE - seal protection (crankcase XL-101 only)
24064	PLUG - seal assembly (crankcase)
24066	PLUG - bearing and seal assembly (back plate)
A-24067	BEARING REMOVER (back plate)
A-24060	SPANNER - clutch (for use on all XL-101's and 102, 103, and 104 units below Ser. #2617628)
64309	Includes: PIN, dowel (3)
24076	SLEEVE - seal protection (crankcase side) XL-102, 103, 104
A-24138	REAMER - compression valve seat XL-102, 103, 104

Accessories

A-84818	SPARK ARRESTOR
24101	PAINT - dark blue
22771	PAINT - vermilion
23680	PAINT - white



HOMELITE

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