PRICE .25

HOMELITE

CHAIN SAW

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775 D

DIRECT DRIVE

PARTS LIST

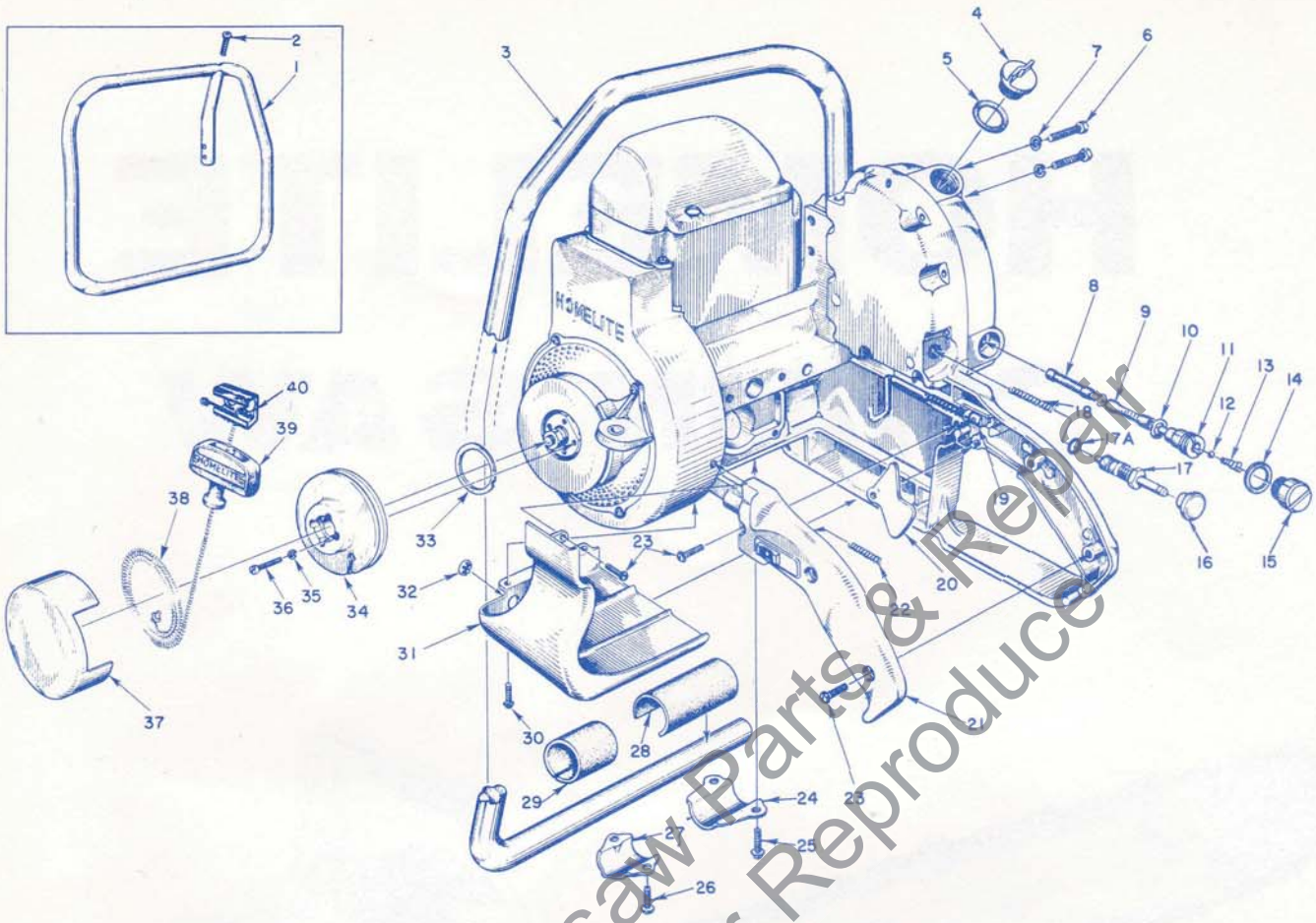

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FIGURE 1 — STARTER, HANDLE, GRIP AND LUBRICATOR PARTS

Index No.	Part No.	Description	No. Required
1	A-59473	HANDLE—wrap-around (775 DA1)	1
		Includes	
2	80308-2	SCREW—5/16-18 x 1 socket hd.	1
3	A-59472	HANDLE—flush-cut (775 D1)	1
4	A-56580	CAP—oil	1
		Includes	
5	56607	GASKET	1
6	80087	SCREW—5/16-18 x 1 1/2 hex hd.	2
7	83003	WASHER—5/16 lock	2
8	A-59449	FINDER—oil	1
9	59000	SLEEVE—flexible oil	1
10	55110	GASKET	1
11	59450	FITTING—check valve	1
12	25527	BALL (5/32 dia.)	1
13	59022	SPRING	1
14	55107	GASKET	1
15	A-55628	CAP—supply line	1
16	57289-1	BUTTON	1
17	A-57834-8	OIL PUMP PLUNGER ASSEMBLY	1
		Includes	
17A	74388	"O" RING	1
18	59293	SPRING	1
19	A-55630	ROD—throttle	1
		Includes	
	55045-A	SPRING—throttle rod	1

Index No.	Part No.	Description	No. Required
20	AA-55207	TRIGGER—throttle	1
21	A-55631	COVER—grip	1
		Includes	
	AA-55282	LOCK—throttle	1
		Includes	
22	72970	SPRING—throttle lock	1
23	80560	SCREW—8-32 x 1/2 pan hd.	5
24	55614	CLAMP—handle bar (drive case)	1
25	80581	SCREW—1/4-20 x 5/8 hex hd.	2
26	80821	SCREW—12-24 x 5/8 hex hd.	2
27	56282-A	CLAMP—handle bar (fan housing)	1
28	55685	CUSHION—rubber	1
29	56281	CUSHION—rubber	1
30	80576	SCREW—10-32 x 5/16 pan hd.	2
31	55512-2	SHIELD—carburetor	1
32	55681	PLUG—button	1
33	71588	SHIM—plastic	As req'd.
34	55597-2	PULLEY	1
35	83004	WASHER—lock #6	4
36	80475	SCREW—6-32 x 3/4 fil. hd.	4
37	AA-73234-4	COVER—starting pulley	1
38	55898	ROPE—starting	1
39	55937	GRIP—starting	1
40	58517	INSERT—grip	1

Always furnish saw model and serial number when ordering parts.

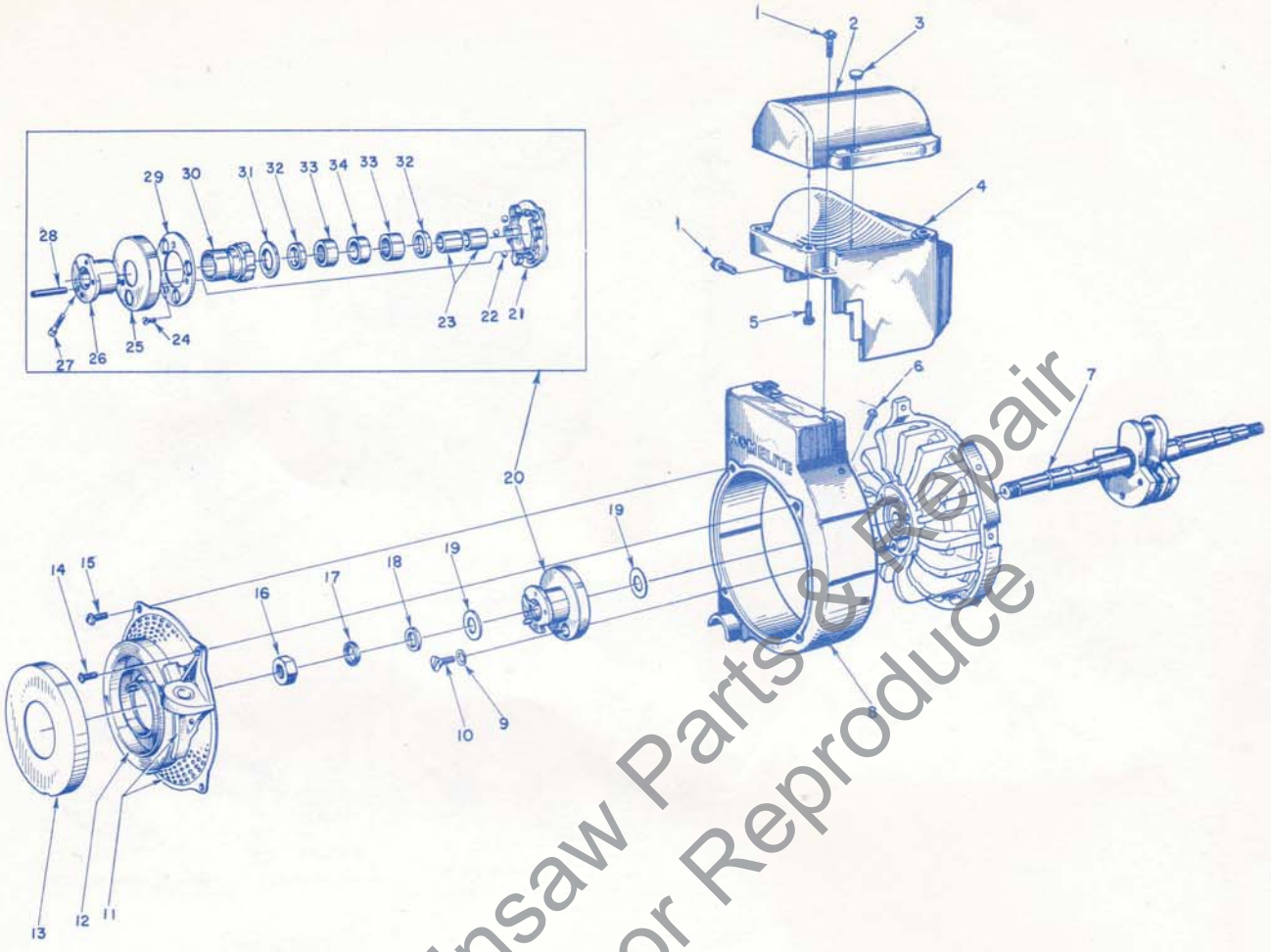

FIGURE 2 — BALL DRIVE AND AIR SHROUD

Index No.	Part No.	Description	No. Required
1	80560	SCREW — 8-32 x ½ pan hd.	3
2	56968	CAP — cylinder shield	1
	23742	DECAL — "Homelite"	1
3	32814	PLUG — button	1
4	56967-1	SHIELD — cylinder	1
5	80513	SCREW — 6-32 x ⅛ pan hd.	4
6	80377	SCREW — 8-32 x ⅜ pan hd.	4
7	A-58899	CRANKSHAFT	1
8	A-57648	HOUSING — fan	1
9	83074	WASHER — lock, countersunk ¼	3
10	80173	SCREW — ¼-20 x ⅝ flat hd.	3
11	A-56088	SCREEN and BRACKET	1
		Includes	
	*A-56085	BRACKET and BUSHING	1
		Includes	
	55363-A	BUSHING	1
12	56497	SPRING — recoil	1
13	71603	COVER — spring housing	1
14	80576	SCREW — 10-32 x 7/16 (through bracket)	1
15	80579	SCREW — 10-32 x ⅜ pan hd.	3
16	81110	NUT — 7/16-20 hex — jam	1
17	83019	WASHER — lock, 7/16	1

Index No.	Part No.	Description	No. Required
18	84055	WASHER — flat aluminum, 7/16	1
19	55652	WASHER — thrust	2
20	A-56899	BALL DRIVE	1
		Includes	
21	71563-C	PLATE — ball drive	1
22	30355-1	BALL — steel	3
23	74221	RACE — inner	2
24	80464	SCREW — 5-40 x 5/16 flat hd.	3
25	56896	CUP — sealing	1
26	A-57098	HUB — ratchet	1
		Includes	
27	72295-A	SCREW — ratchet hub	1
28	57065	PIN — spirol	1
29	71570-B	RETAINER — ball	1
	AA-72306-1	RATCHET and BEARING	1
		Includes	
30	AA-73549	RATCHET	1
		Includes	
31	73525	WASHER — formica	1
32	71597	SEAL — garlock	2
33	71596	BEARING — needle	2
34	71595	WICK — felt	1

*Assemble to screen with 85073 rivet

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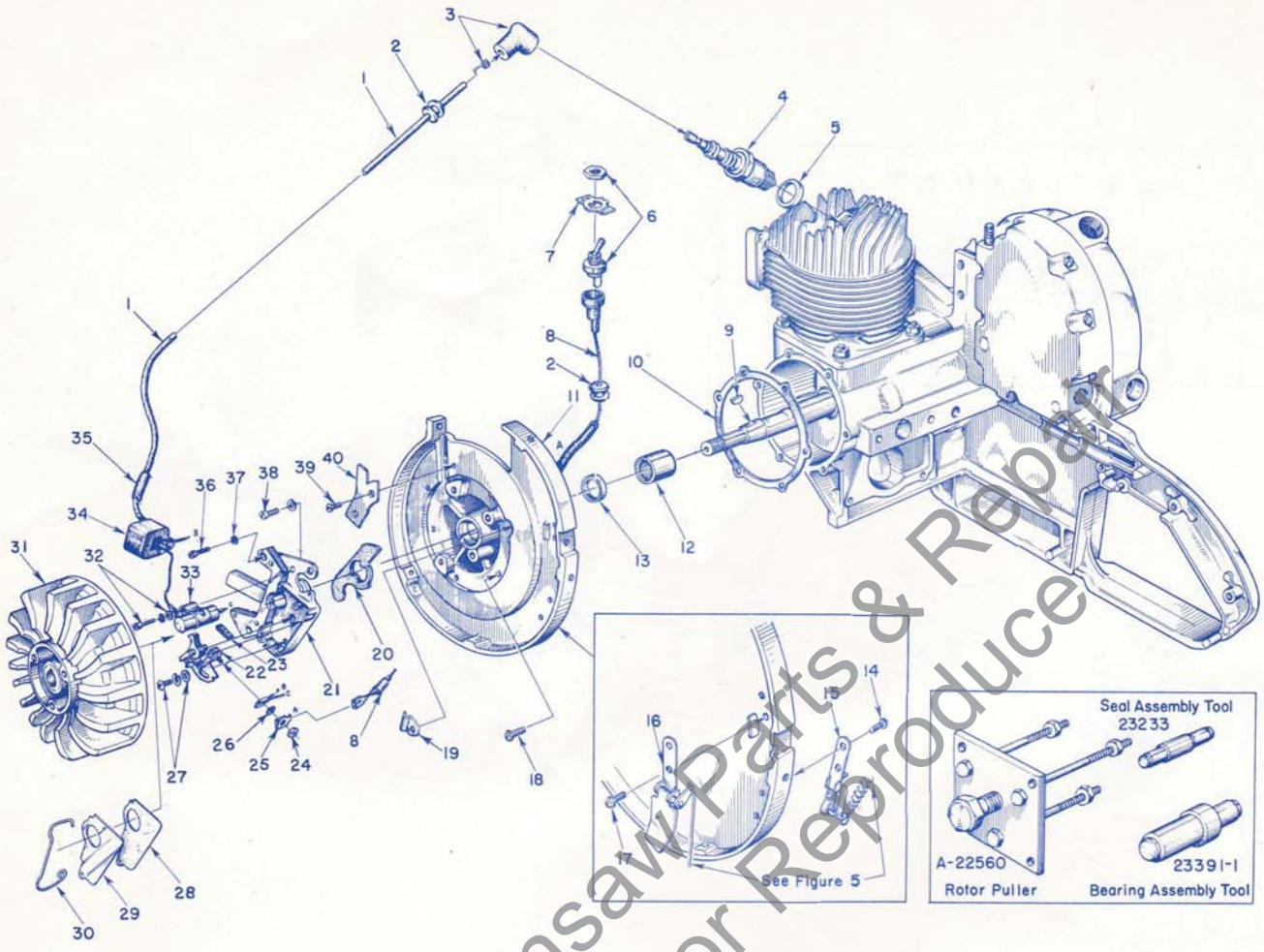

FIGURE 3 — IGNITION AND GOVERNOR PARTS

Index No.	Part No.	Description	No. Required
1	55235-A	LEAD — high tension	1
2	60929	GROMMET	2
3	A-55373-A	TERMINAL — "Sparky" (cover and spring)	1
4	71530-S	SPARKPLUG (HO-8A)	1
5	25038	GASKET (included with spark plug)	1
6	A-57716	SWITCH — Toggle (mount on adapter)	1
		Includes	
7	55879	PLATE — "on-off"	1
8	A-57684	LEAD — ground (with terminals, sleeve, grommet and cover)	1
9	75078	KEY — rotor	1
10	55049	GASKET — back plate	1
11	A-57715	BACK PLATE	1
		Includes	
12	57533	BEARING — needle	1
13	56134	SEAL — garlock	1
14	80629	SCREW — 8-32 x 5/16 pan hd.	2
15	**A-55645	PLATE — governor adjusting	1
16	*A-56150	GOVERNOR	1
17	80605	SCREW — 6-32 x 5/16 pan hd.	2
18	80576	SCREW — 10-32 x 9/16 pan hd.	6
19	57719	CLAMP — ground lead	1
20	56292-A	WASHER—sealing mounting	1
21	57744	BOX—breaker w/core	1
22	A-58165	POINTS (set)—with pivot post	1
		Includes	
23	55984	WICK—felt	1
24	55982	NUT—terminal	1
25	57733	TAB—ground terminal	1
26	55983	WASHER—terminal	1
27	57749	SCREW GROUP—point fastening	1
28	55978-2	GASKET—dust cover	1
29	55979	COVER—dust	1
30	55980	CLAMP—dust cover	1
31	56276-B	ROTOR	1
32	57750	SCREW GROUP—condenser fastening	1
33	55987	CONDENSER (with terminal)	1
34	55986-A	COIL (with terminals)	1
35	57752	SLEEVE—insulating	1
36	80660	SCREW—10-24 x 7/8 fil. hd.	2
37	83046	WASHER—#10 lock	3
38	80595	SCREW—10-24 x 1/2, fil. hd.	1
39	80598	SCREW—6-32 x 5/16 flat hd.	2
40	55595-1	CLAMP—high tension lead	1

*Does not include governor rod, see Figure 5.
**Does not include tension spring, see Figure 5.

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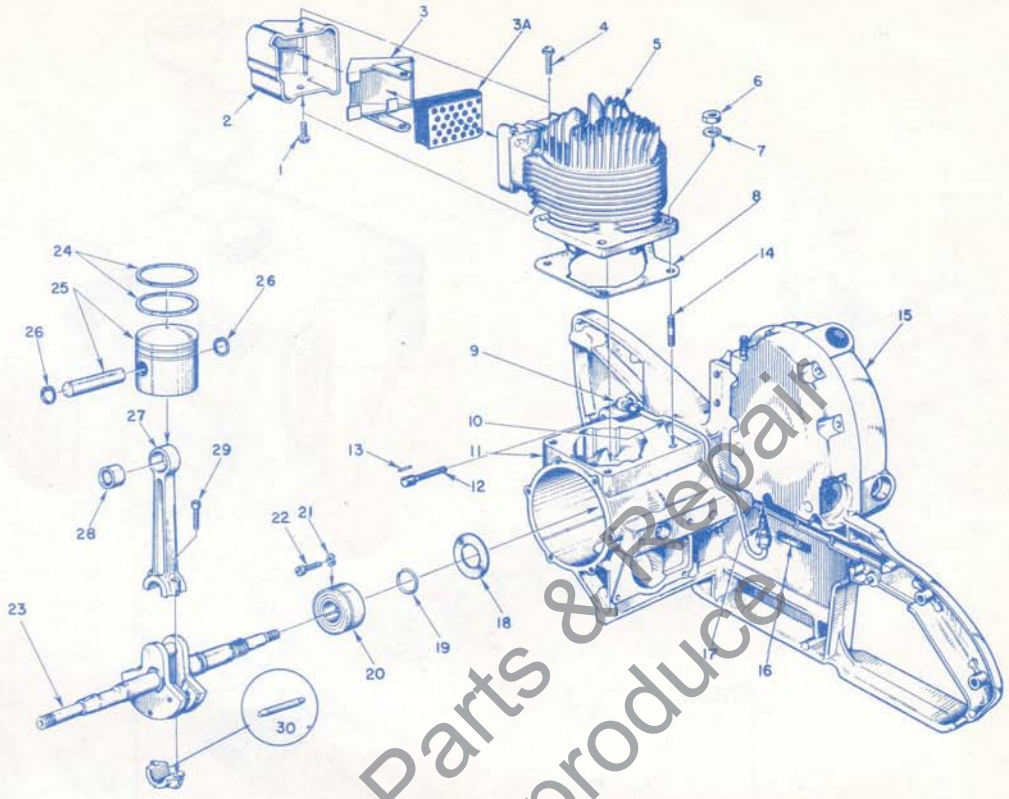

FIGURE 4 — ENGINE ASSEMBLY

Index No.	Part No.	Description	No. Required
1	80576	SCREW—10-32 x 5/16 pan hd.	1
*2	55506-A	DAMPER—heat	1
*3	56396	CAP	1
3 A	A-56068-A	ELEMENT—wire screen	1
4	80583	SCREW—10-32 x 3/4 pan hd.	1
5	57365-3	CYLINDER	1
6	81065-2	NUT—hex 1/4-28	4
7	83009	WASHER—lock 1/4	4
8	56864	GASKET—cylinder	1
9	56707	ELBOW—connector 90°	1
10	A-55625	LINE—chain oil	1
11	A-57640-B	CRANKCASE w/pivot pin	1
		Includes	
12	57175	BOLT—guide bar	2
13	41738	PIN—spirol	2
14	55871	STUD—cylinder	5

Index No.	Part No.	Description	No. Required
15	A-55621-A	COVER—oil reservoir	1
	55833	GASKET—oil reservoir	1
	80622	SCREW—self tapping	9
16	55372	PAD—felt	1
17	A-59456	VALVE—check	1
18	55048-A	GASKET—crankcase sealing	1
19	56109	RING—snap	1
20	56097-S	BEARING—main	1
21	83061	WASHER—lock, special thin	2
22	19238-A	SCREW—main bearing retaining	2
23	A-58899	CRANKSHAFT—	1
24	56291	RING—piston	2
25	A-59459	PISTON and PIN	1
		Includes	
26	55095	RING—piston pin retaining	2
27	A-58303-A	CONNECTING ROD	1
		Includes	
28	59351	BEARING—piston pin	1
29	58095	SCREW—10-32 x 5/16 allen	1
30	AA-72206	ROLLERS (set of 31)	1

Available on order:

*A-55900 HEAT DAMPER KIT
*A-56558 CAP — exhaust flange

*SPECIAL TOOLS

Combination Wrench #22808 supplied with saw

AA-22560	MAGNETO ROTOR REMOVER ASSEMBLY
A-23696	REMOVER — threaded spider
23136	BODY—assembling fixture
23232	SLEEVE (for aarlock seal)
22828	PLIERS—for Tru-arc ring (piston)
23233	GARLOCK SEAL ASSEMBLY
22126	WRENCH—socket screw (conn. rod)
A-23809	NEEDLE BEARING TOOL (conn. rod)
A-23137	JACKSCREW ASSEMBLY
22812-1	PLATE—shaft aligning
23391-1	ASSEMBLY TOOL—needle bearing

*When ordered only.

Always furnish saw model and serial number when ordering parts

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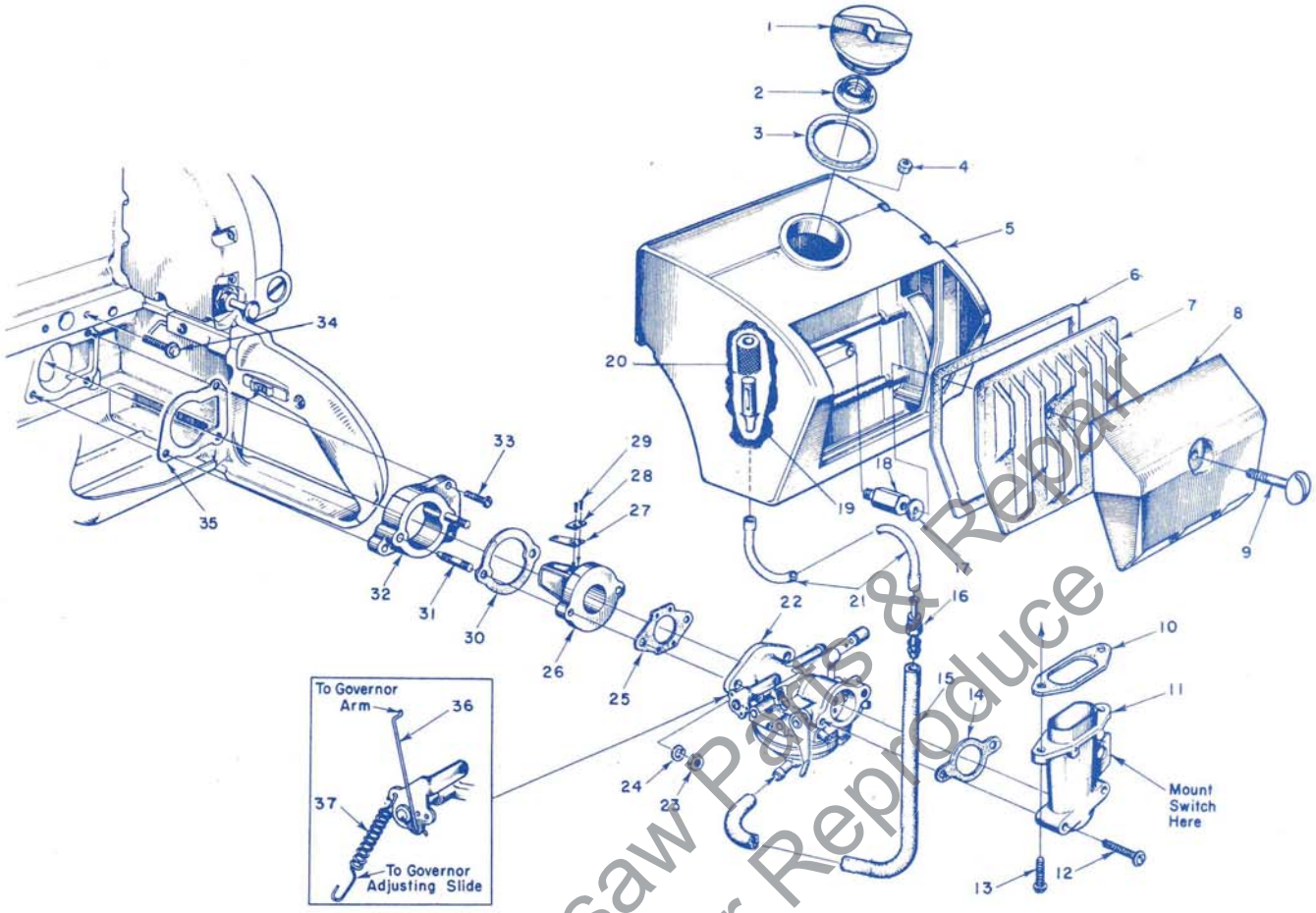

FIGURE 5 — FUEL SYSTEM

Index No.	Part No.	Description	No. Required
1	A-56907	CAP—fuel	1
		Includes	
2	56865	VALVE—relief	1
3	56335	GASKET	1
4	81114	NUT—¼-28 hex	1
5	A-57651	FUEL TANK	1
6	57992	GASKET—cement to tank	1
7	58033	ELEMENT—air filter	1
8	A-57654-A	COVER—air filter	1
		Includes	
9	57994	SCREW—cover	1
	81163	NUT—screw retaining (not illustrated)	1
10	57659	GASKET—adapter	1
11	57593	ADAPTER—air cleaner	1
12	80841	SCREW—10-32 x 1 3/16 pan hd.	2
13	80572	SCREW—10-32 x ⅝ pan hd.	2
14	72971-2	GASKET—air elbow	1
15	57763	FUEL LINE	1
16	57652	FITTING—fuel outlet	1
17	57991	GASKET—insert	1
18	57995	INSERT—adapter	1

Index No.	Part No.	Description	No. Required
19	A-59251	STRAINER—outlet	1
		Includes	
20	59253	FILTER—felt	1
21	55805	SLEEVE—flexible	1
22	* A-58102	CARBURETOR ASSEMBLY—Til. No. HL-117C	1
	57987	REPAIR KIT—carburetor	1
	57919	GASKET SET—carburetor	1
23	81013-1	NUT—¼-20 hex	2
24	83009	WASHER—lock, ¼	2
25	55553-3	GASKET—carburetor	1
26	55932	ADAPTER—reed valve	1
27	55941-1	REED	4
28	55942	PLATE—reed	4
29	80658	SCREW—4-40 x 3/16 pan hd.	8
30	55946	GASKET—adapter-spacer	1
31	55945	STUD	2
32	55934	SPACER—reed adapter	1
33	80583	SCREW—10-32 x ¾ pan hd.	3
34	80677	SCREW—¼-20 x 1 1/16	2
35	55116	GASKET—reed valve adapter	1
36	†55642	ROD—governor	1
37	‡55529	SPRING	1

†Assemble governor rod through bottom rear hole.
‡Hook governor spring through forward hole of stop lever.

* 23818 CARBURETOR PARTS LIST—Til. No. HL-181-A
* 23621 CARBURETOR PARTS LIST—Til. No. HL-117C
* 59503 REPAIR KIT—carburetor —Til. No. HL-181-A

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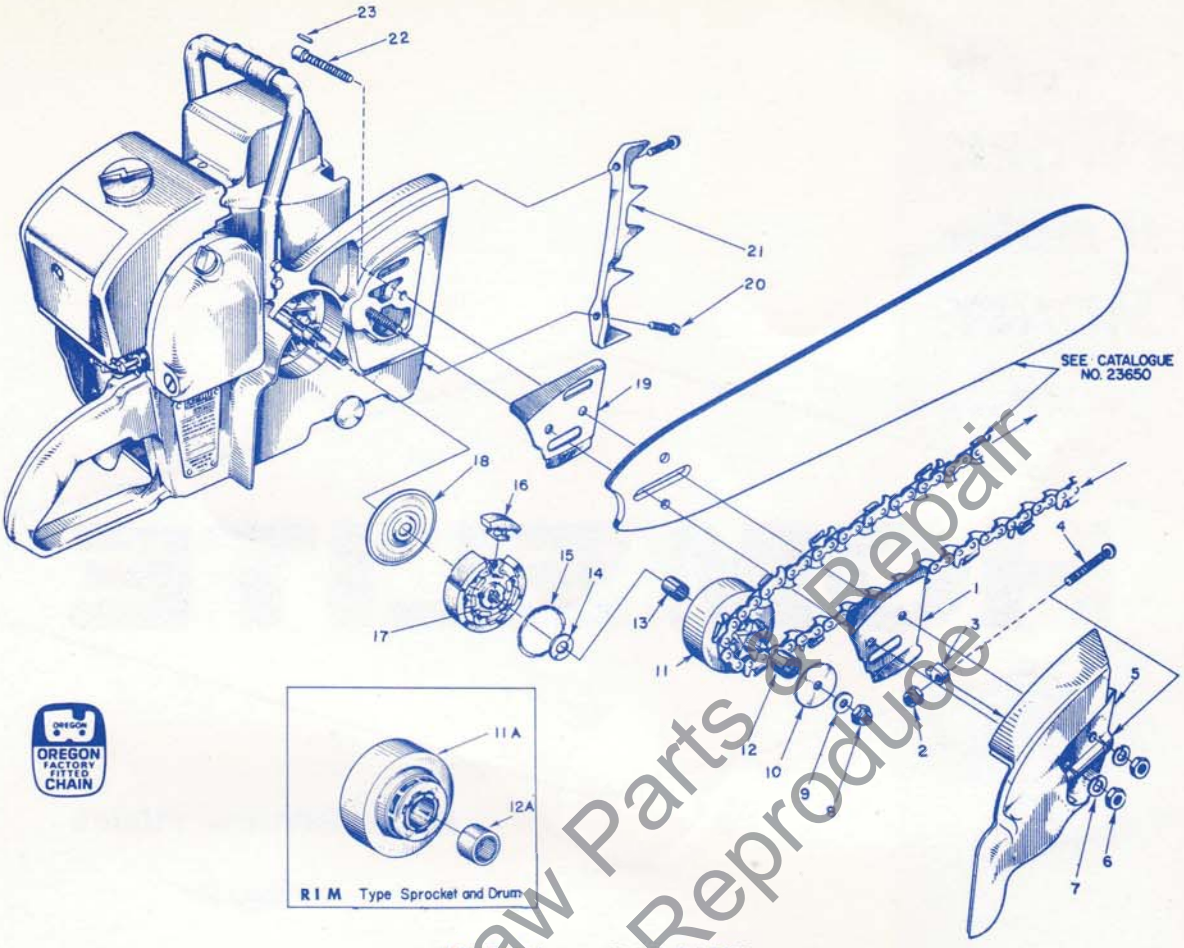
HOMELITE CHAIN SAW MODEL 775 D



RIM Type Sprocket and Drum

OREGON FACTORY FITTED CHAIN

FIGURE 6 — SAW PARTS

Index No.	Part No.	Description	No. Required
1	56872-B	PLATE—guide bar, outer	1
	A-55668	COVER—drive case	1
		Includes	
2	81123	NUT—hex lock	1
3	55613	PIN—guide bar adjusting	1
4	80617	SCREW—5/16-18 x 2, rd. hd.	1
5	*	COVER	1
6	81089-2	NUT—3/8-16 hex	2
7	83018	WASHER—lock	2
8	81192	NUT—3/8-24 flex-lock	1
9	84010-1	WASHER—3/8 flat	1
10	55183-1	WASHER—thrust	1
11	A-57344	SPROCKET and DRUM—7 tooth (.404 pitch chain) (open type)	1
		Include	
12	55664-S	BEARING—needle	1

Index No.	Part No.	Description	No. Required
11A	†A-57363-A	SPROCKET and DRUM—7 Tooth 7 Tooth (7/16" pitch chain) (rim type)	1
		Includes	
12A	77403	BEARING—needle	1
13	55661	RACE—inner	1
14	55660-1	WASHER—thrust	1
15	55123-C	SPRING—clutch	2
16	55076-1A	SHOE—clutch	6
17	58546-1	SPIDER	1
18	56101-A	COVER—clutch	1
19	56871-A	PLATE—guide bar, inner	1
20	80573	SCREW—1/4-20 x 1 3/16 hex hd.	2
21	55632	PLATE—spiked bumper	1
22	57175	BOLT—guide bar (see item 12, Fig. 4)	2
23	41738	PIN—spirol	2

†Check type and number of teeth on sprocket before ordering.
*Not Sold Separately

† OPTIONAL — available on order:

†A-57347	SPROCKET and DRUM—8 tooth (.404 pitch chain) (open type)
†A-56377	SPROCKET and DRUM —7 Tooth (7/16" pitch chain) (open type)
†A-56019	SPROCKET and DRUM—6 Tooth (1/2" pitch) (open type)

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