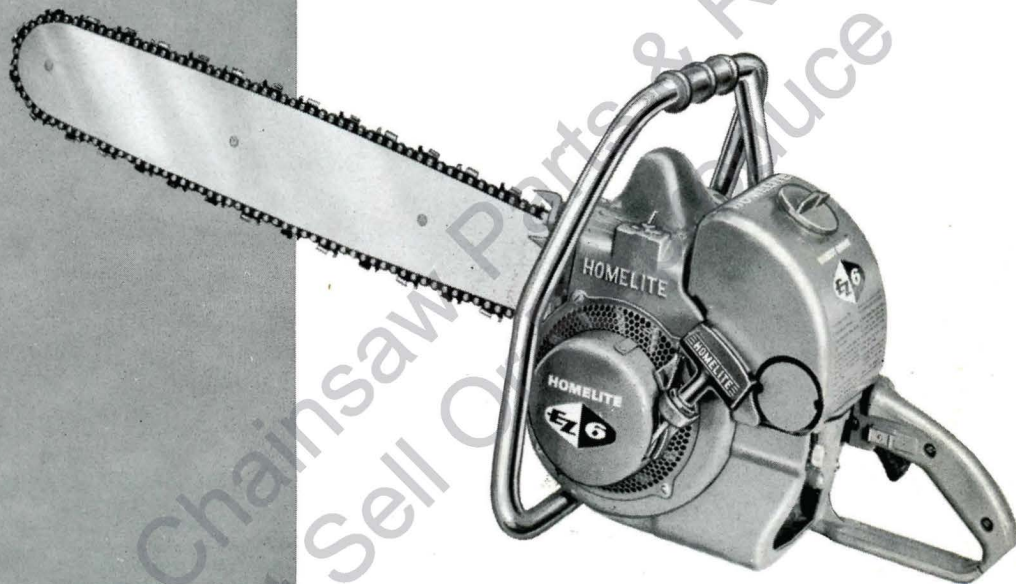


*Echord*

# HOMELITE

## Chain Saw

September 1957



### PARTS LIST



**Model EZ-6**



# HOMELITE CHAIN SAW MODEL EZ-6

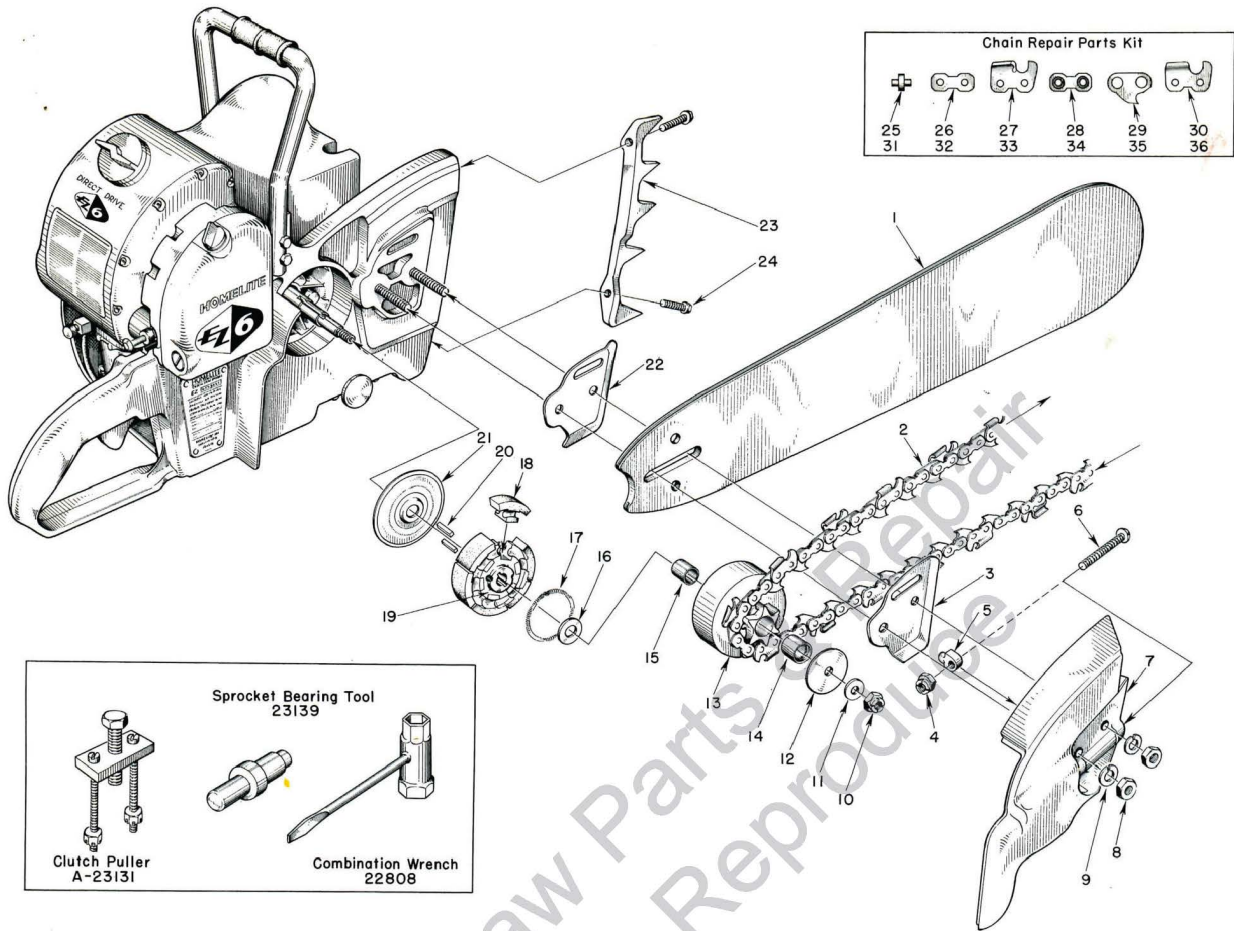


FIGURE 1 — SAW PARTS

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required	Index No.	Part No.	Description	No. Required
1	A-51545	12" BAR — extra hard tip — hard track....	1	13	A-55662	SPROCKET and DRUM (for 7/16 pitch chain)....	1
	A-51517	17" BAR — extra hard tip — hard track....	1	14	55664	BEARING — needle (included in A-55662)	1
	A-51521	21" BAR — extra hard tip — hard track....	1	15	55661	RACE — inner.....	1
	A-51525	25" BAR — extra hard tip — hard track....	1	16	55660	WASHER — thrust.....	1
	A-51539	30" BAR — extra hard tip — hard track....	1		A-56100	CLUTCH .....	1
		OREGON #62C 7/16 PITCH — CHIPPER CHAIN				Includes	
2	A-51542	12" CHAIN — (with kit).....	1	17	55123-A	SPRING — clutch.....	2
	A-51535	17" CHAIN — (with kit).....	1	18	55076-1	SHOE — clutch.....	6
	A-51536	21" CHAIN — (with kit).....	1	19	55075-1	SPIDER — clutch.....	1
	A-51537	25" CHAIN — (with kit).....	1	20	55225	KEY .....	2
	A-51540	30" CHAIN — (with kit).....	1	21	56101	COVER — clutch.....	1
		ATKINS #763C 7/16 PITCH — CHAMFERED CHAIN		22	55666	PLATE — guide bar, inner.....	1
	A-51566	12" CHAIN — (with kit).....	1	23	55632	PLATE — spiked bumper.....	1
	A-51568	17" CHAIN — (with kit).....	1	24	80573	SCREW — 1/4-20 x 1 1/4 hex. hd.....	2
	A-51570	21" CHAIN — (with kit).....	1		A-51529	REPAIR KIT — OREGON #62C chain.....	1
	A-51572	25" CHAIN — (with kit).....	1			Includes	
	A-51574	30" CHAIN — (with kit).....	1	25	51518	RIVET .....	4
3	55667	PLATE — guide bar, outer.....	1	26	A-51528	LINK — connecting (w/rivets).....	2
	A-55668	COVER — drive case.....	1	27	51527	CUTTER — left.....	1
		Includes		28	51519	LINK — connecting (plain).....	2
4	81123	NUT — hex lock.....	1	29	51520	LINK — drive.....	1
5	55613	PIN — guide bar adjusting.....	1	30	51526	CUTTER — right.....	1
6	80617	SCREW — 5/16-18 x 2 rd. hd.....	1		A-51556	REPAIR KIT — ATKINS #763C chain.....	1
7	*	COVER .....	1			Includes	
8	81089	NUT — 3/8-16 hex.....	2	31	51564	RIVET .....	4
9	83018	WASHER — lock.....	2	32	A-51559	LINK — connecting (w/rivets).....	2
10	81116	NUT — 3/8-24 flex-lock.....	1	33	51561	CUTTER — left.....	1
11	84010	WASHER — 3/8 flat.....	1	34	51558	LINK — connecting (plain).....	2
12	55163-1	WASHER — thrust.....	1	35	51557	LINK — drive.....	1
				36	51560	CUTTER — right.....	1

\* Not Sold Separately

# HOMELITE CHAIN SAW MODEL EZ-6

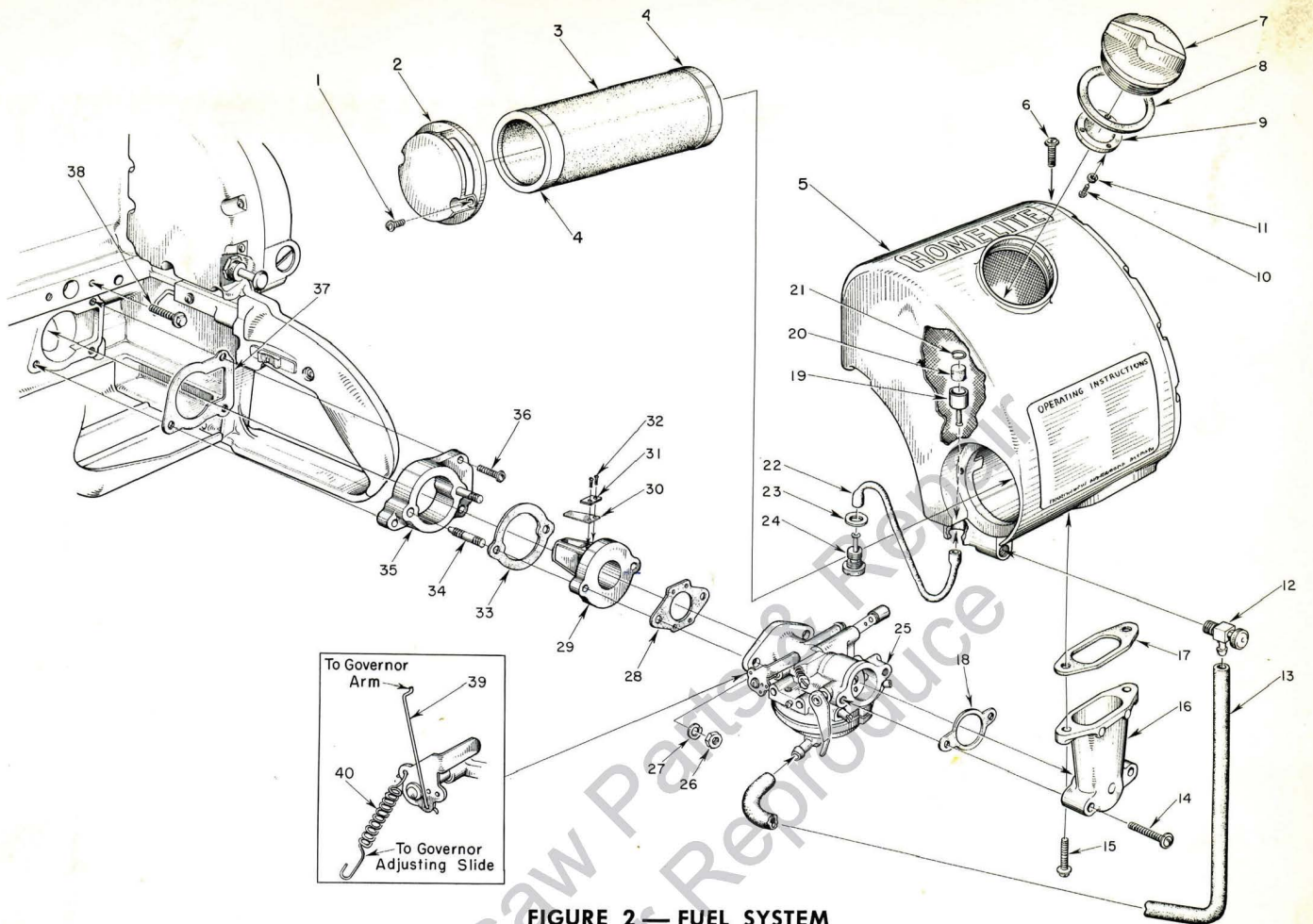


FIGURE 2 — FUEL SYSTEM

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required
1	80571	SCREW — 6-32 x 3/8 pan hd.....	2
2	55494	CAP — air filter.....	1
3	A-55533	AIR FILTER .....	1
		Includes	
4	55532	GASKET (cemented to element).....	2
5	A-55670-1	FUEL TANK .....	1
6	80572	SCREW — 10-32 x 5/8 pan hd. ....	1
7	A-55305	CAP — fuel.....	1
		Includes	
8	72173	GASKET .....	1
9	A-55301-B	VALVE — relief.....	1
10	80592	SCREW — 3-48 x 1/4 rd. hd.....	3
11	83083	WASHER — lock.....	3
12	55677	VALVE — shut-off.....	1
13	55680	FUEL LINE .....	1
14	80624	SCREW — 10-32 x 1 pan hd.....	2
15	80572	SCREW — 10-32 x 5/8 pan hd.....	2
16	55019-3	ADAPTER — air cleaner.....	1
17	55059	GASKET — adapter .....	1
18	72971-1	GASKET — air elbow.....	1
19	A-74375	STRAINER — outlet .....	1

Index No.	Part No.	Description	No. Required
		Includes	
20	74374	FILTER — felt.....	1
21	74380	RING — snap.....	1
22	55805	SLEEVE — flexible .....	1
23	55676	GASKET — outlet fitting.....	1
24	55572	FITTING — outlet.....	1
25	*	CARBURETOR .....	1
26	81013	NUT — 1/4-20 hex.....	2
27	83009	WASHER — lock.....	2
28	55553	GASKET — carburetor.....	1
29	55932	ADAPTER — reed valve.....	1
30	55941	REED .....	4
31	55942	PLATE — reed.....	4
32	80658	SCREW — 4-40 x 3/16 pan hd.....	8
33	55946	GASKET — adapter-spacer .....	1
34	55945	STUD .....	2
35	55934	SPACER — reed adapter.....	1
36	80583	SCREW — 10-32 x 3/4 pan hd.....	3
37	55116	GASKET — reed valve adapter.....	1
38	80581	SCREW — 1/4-20 x 5/8 hex hd.....	2
39	†55642	ROD — governor.....	1
40	‡55529	SPRING .....	1

\* For Brown Carburetor, See Figure 3; For Tillotson Carburetor, See Figure 4.

† Assemble governor rod through bottom rear hole on Model EZ-6

‡ Hook governor spring through forward hole of stop lever.

Always furnish saw model and serial number when ordering parts.



# HOMELITE CHAIN SAW MODEL EZ-6

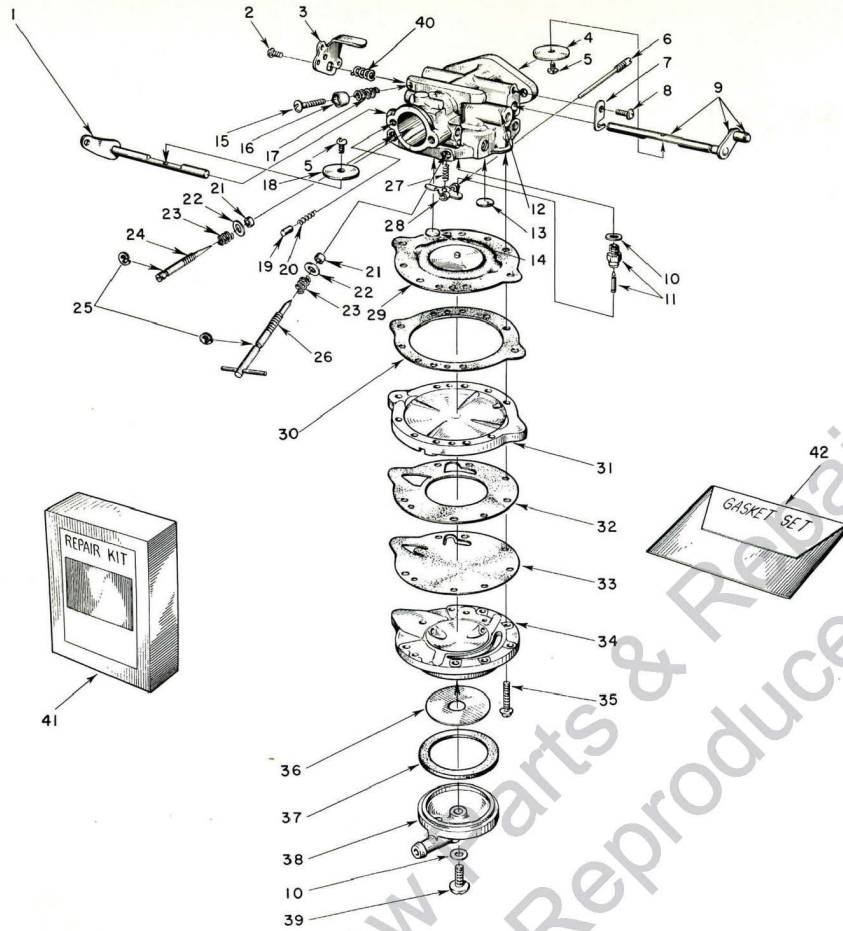


FIGURE 3 — BROWN CARBURETOR PARTS

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required	Index No.	Part No.	Description	No. Required
	A-55928	CARBURETOR—Brown Model 5-CS	1	*20	77017	SPRING—choke friction	1
		Includes		21	†77007	RING—square	2
1	A-77249	SHAFT AND LEVER—choke	1	22	*77006	WASHERS—adjustment packing	2
2	*77042	SCREW—stop lever, 4-40 x 1/4 truss hd.	1	23	*77005	SPRING—adjustment compression	2
3	77247	LEVER—throttle stop	1	24	*A-77251	SCREW—idle adjustment w/77004 clip	1
4	74980	SHUTTER—throttle	1	25	77004	CLIP—spring retaining	2
5	77044	SCREW—shutter, 4-40 x 1/8 rd. hd.	2	26	*A-77001	SCREW—main adjusting w/77004 clip...	1
6	*A-77012	FULCRUM PIN	1	27	*77015	SPRING—tension	1
7	*74981	CLIP—throttle shaft	1	28	*77016	LEVER—diaphragm	1
8	*77041	SCREW—throttle clip, 6-32 x 1/4 pan hd.	1	29	†A-77250	DIAPHRAGM—main	1
9	A-77253	SHAFT—throttle	1	30	†77030	GASKET—main diaphragm	1
†10	77267	GASKET—copper	2	31	77241	COVER—main diaphragm	1
11	*A-74996-A	NEEDLE AND SEAT—inlet w/gasket	1	32	†77025	GASKET—pump body	1
12	A-77248	BODY—service	1	33	†77026	DIAPHRAGM—pump	1
		Includes		34	77027	BODY—fuel pump	1
13	*74977	PLUG—welch 3/8	1	35	77160	SCREW—body 6-32 x 3/4 fl. hd.	6
14	*74978	PLUG—welch 5/16	1	36	*77028	SCREEN—strainer	1
15	77040	SCREW—idle speed, 6-32 x 9/16 rd. hd.	1	37	†77029	GASKET—strainer	1
16	77011	CUP—idle speed screw	1	38	77031	COVER—fuel pump	1
17	77010	SPRING—idle speed screw	1	39	77043	SCREW—turret, 8-32 x 7/16, truss hd.	1
18	74991	SHUTTER—choke	1	40	56175	SPRING	1
19	77018	PLUNGER—choke friction	1	41	77255	REPAIR PARTS KIT (RK-151)	1
				42	*77254	GASKET SET (GS-151)	1

† Included in GS-151 Gasket Set

\* Included in RK-151 Repair Parts Kit

# HOMELITE CHAIN SAW MODEL EZ-6

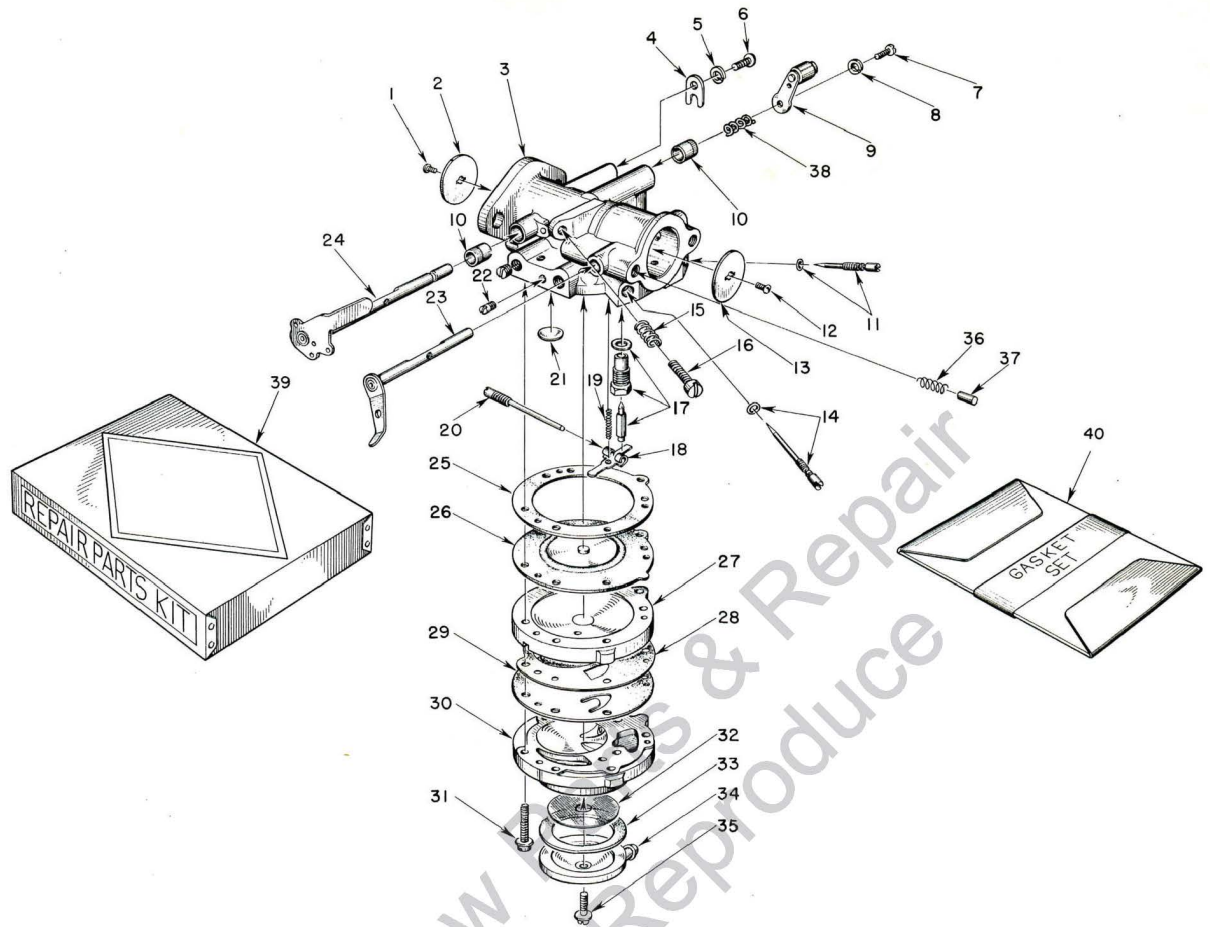


FIGURE 4 — TILLOTSON CARBURETOR PARTS

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required	Index No.	Part No.	Description	No. Required
	A-56066	CARBURETOR—Till. Model HL-27B	1	18	*55747	LEVER—inlet control	1
		Includes		19	*55759	SPRING—control lever	1
1	*80012	SCREW—throttle shutter	1	20	*A-55762	SCREW—pinion	1
2	73272	SHUTTER—throttle	1	21	30818	PLUG	1
3	A-75533	BODY—service	1	22	73067	PLUG—drain	1
4	73086	CLIP—throttle shaft	1		71505	PLUG	2
5	83000	WASHER—lock #8	1	23	A-55766	LEVER—choke	1
6	73088	SCREW—8-32 x 5/16 flat hd.	1	24	A-75624	SHAFT—throttle, w/stop lever	1
7	*71521	SCREW—4-36 x 1/4 rd. hd.	1	25	55754	GASKET—main diaphragm	1
8	*83008	WASHER—lock #4	1	26	*A-55760	DIAPHRAGM—main	1
9	A-75528	LEVER and ROLLER—throttle	1	27	55749	COVER—main diaphragm	1
10	72812	BUSHING—throttle shaft	2	28	55881	GASKET—pump diaphragm	1
11	*A-75527	SCREW—main adjust. (hi speed)	1	29	*55753	DIAPHRAGM—pump	1
		Includes		30	55748	BODY—pump	1
	55764	"O"—ring	1	31	*55316	SCREW and WASHER	6
12	*80012	SCREW—choke shutter (same as No. 1)	1	32	55752	SCREEN—fuel strainer	1
13	73263	SHUTTER—choke	1	33	55751	GASKET—pump cover	1
14	*A-75530	SCREW—idle adjust. (lo speed)	1	34	55750	COVER—pump	1
		Includes		35	55756	SCREW—retaining	1
	55764	"O"—ring	1	36	73264	SPRING—choke friction pin	1
15	*28064	SPRING—idle stop screw	1	37	71494	PIN—choke friction	1
16	*71509	SCREW—idle stop (speed control)	1	38	56175	SPRING	1
17	*A-55761	INLET NEEDLE and SEAT	1	39	75623	REPAIR PARTS KIT (RK-357)	1
		Includes		40	*55836	GASKET SET (GS-122)	1
	55344	GASKET—inlet seat	1				

\* Included in Repair Parts Kit (RK-357)

Always furnish saw model and serial number when ordering parts



# HOMELITE CHAIN SAW MODEL EZ-6

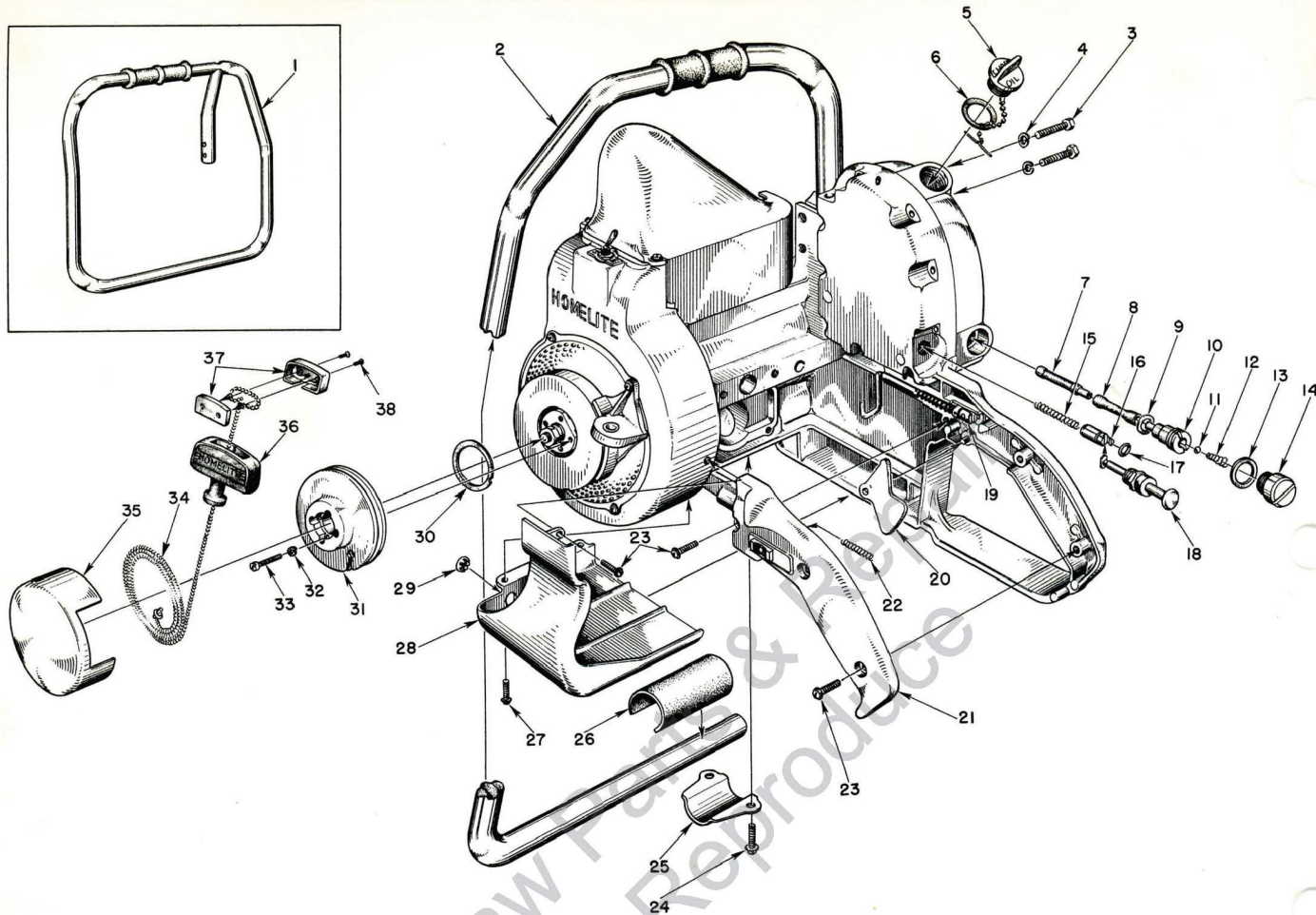


FIGURE 5 — STARTER, HANDLE, GRIP AND LUBRICATOR PARTS

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required	Index No.	Part No.	Description	No. Required	
1	A-56091	HANDLE—wrap-around (EZ-6A) .....	1			Includes		
		Includes		55045-A		SPRING—throttle rod .....	1	
	80308	SCREW—5/16-18 x 1 allen sock't hd. ....	1	20	AA-55207	TRIGGER—throttle .....	1	
2	A-56093	HANDLE—flush-cut (EZ-6) .....	1	21	A-55631	COVER—grip .....	1	
	A-56217	BRACE (for wrap-around handle) .....	1			Includes		
	A-56216	BRACE (for flush-cut handle) .....	1	AA-55282		LOCK—throttle .....	1	
	*80578	SCREW—10-32 x 7/16 pan hd. ....	1			Includes		
	*81109	NUT—10-32 flex lock .....	1	22	72970	SPRING—throttle lock .....	1	
3	80087	SCREW—9/16-18 x 1 1/2 hex hd. ....	2	23	80560	SCREW—8-32 x 1/2 pan hd. ....	4	
4	83003	WASHER—1/16 lock .....	2	24	80581	SCREW—1/4-20 x 5/8 hex hd. ....	2	
5	AA-71655-1	CAP—oil .....	1	25	55614	CLAMP—handle bar .....	1	
		Includes		26	55685	CUSHION—rubber .....	1	
6	72280	GASKET .....	1	27	80625	SCREW—10-32 x 1/2 pan hd. ....	2	
7	AA-55259-A	FINDER—oil .....	1	28	A-55682	SHIELD—carburetor .....	1	
8	55133-A	SLEEVE—flexible oil .....	1			Includes		
9	55110	GASKET .....	1	29	55681	PLUG—button .....	1	
10	55109-A	FITTING—check valve .....	1	30	71588	SHIM—plastic .....	As req'd.	
11	25527	BALL (5/32 dia.) .....	1	31	A-55658	PULLEY (Includes 71577 pin) .....	1	
12	55288-A	SPRING .....	1	32	83004	WASHER—lock #6 .....	4	
13	55107	GASKET .....	1	33	80475	SCREW—6-32 x 3/4 fil. hd. ....	4	
14	A-55628	CAP—supply line .....	1	34	55898	ROPE—starting .....	1	
15	71762	SPRING .....	1	35	AA-73234-4	COVER—starting pulley .....	1	
16	A-74406	TUBE—plunger .....	1			56031	DECAL ("Homelite EZ-6") .....	1
		Includes		36	55937	GRIP—starting .....	1	
17	74388	"O" ring .....	1	37	A-56081	INSERT—grip (w/screws) .....	1	
18	71764	BUTTON—plunger .....	1			Includes		
19	A-55630	ROD—throttle .....	1	38	80619	SCREW .....	2	

\* Supplied with A-56216 or A-56217 brace.

# HOMELITE CHAIN SAW MODEL EZ-6

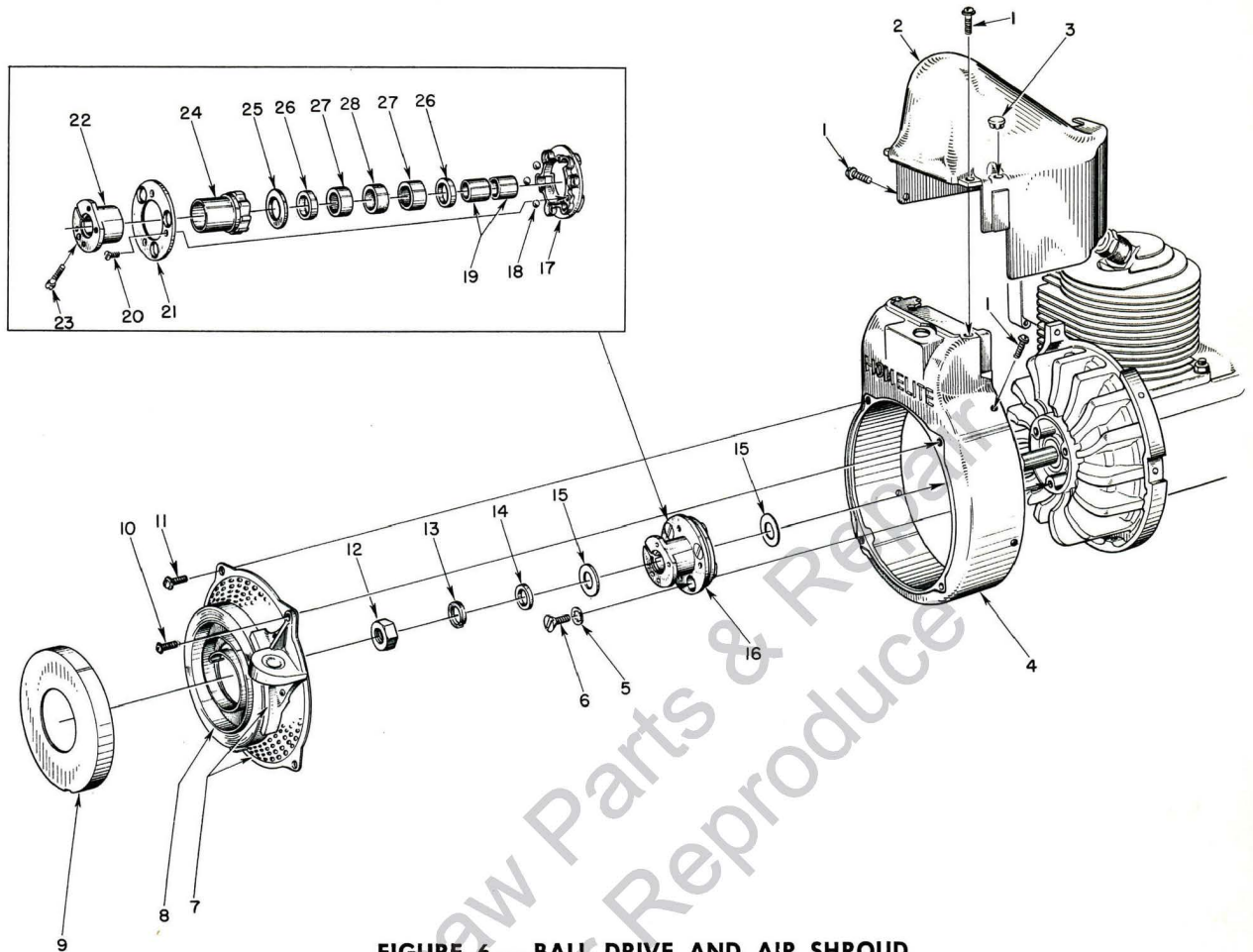


FIGURE 6 — BALL DRIVE AND AIR SHROUD

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required
1	80577	SCREW—8-32 x 3/8 pan hd. ....	7
2	55015-1	SHIELD—cylinder .....	1
3	32814	PLUG—button .....	1
4	A-56063	SHROUD—air .....	1
5	83074	WASHER—lock, countersunk 1/4 .....	3
6	80173	SCREW—1/4-20 x 5/8 flat hd. ....	3
7	A-56088	SCREEN and BRACKET .....	1
		Includes	
	A-56085	BRACKET and BUSHING .....	1
		Includes	
	55363-A	BUSHING .....	1
8	71470-A	SPRING—recoil .....	1
9	71603	COVER—spring housing .....	1
10	80576	SCREW—10-32 x 7/16 (through bracket) .....	1
11	80579	SCREW—10-32 x 3/8 pan hd. ....	3
12	81110	NUT—7/16-20 hex-jam .....	1
13	83019	WASHER—lock, 7/16 .....	1
14	84055	WASHER—flat aluminum, 7/16 .....	1
15	55652	WASHER—thrust .....	2

Index No.	Part No.	Description	No. Required	
16	A-56096	BALL DRIVE .....	1	
		Includes		
17	71563-C	PLATE—ball drive .....	1	
18	30355-1	BALL—steel .....	3	
19	74221	RACE—inner .....	2	
20	80464	SCREW—5-40 x 5/16 flat hd. ....	3	
	A-56095	RATCHET and HUB .....	1	
		Includes		
	21	Retainer—ball .....	1	
	22	A-56181	HUB—ratchet .....	1
		Includes		
	23	SCREW—ratchet hub .....	1	
	AA-72306-1	RATCHET and BEARING .....	1	
		Includes		
	24	AA-73549	RATCHET .....	1
		Includes		
	25	73525	WASHER—formica .....	1
	26	71597	SEAL—garlock .....	2
	27	71596	BEARING—needle .....	2
	28	71595	WICK—felt .....	1

Always furnish saw model and serial number when ordering parts.



# HOMELITE CHAIN SAW MODEL EZ-6

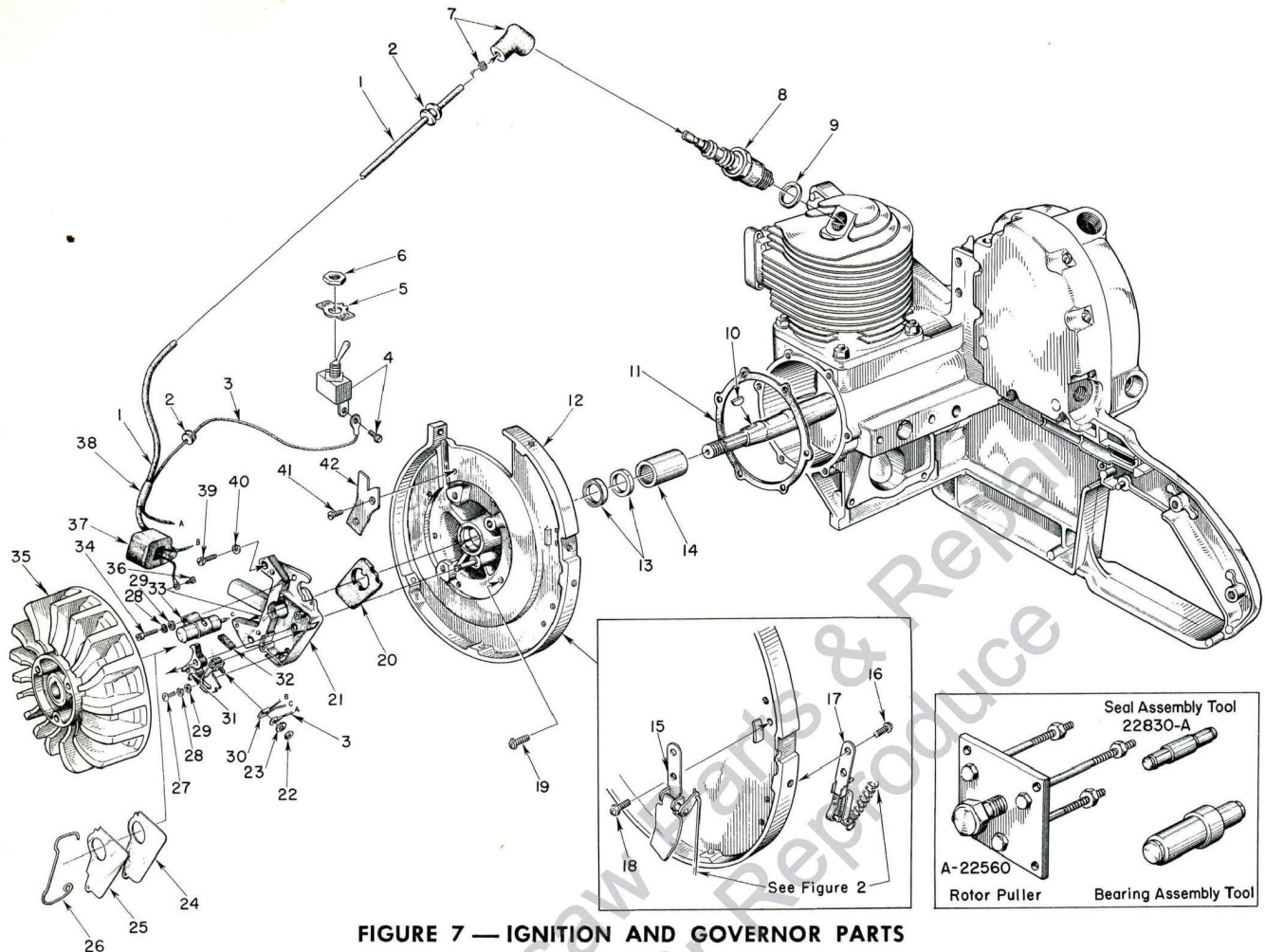


FIGURE 7 — IGNITION AND GOVERNOR PARTS

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required
1	56029	LEAD—high tension .....	1
2	60929	GROMMET .....	2
3	56028	LEAD—ground .....	1
4	AA-72094-A	SWITCH—toggle, w/ screw .....	1
		Includes	
5	55879	PLATE—"on-off" .....	1
6	72084-A1	NUT—hex .....	1
7	A-55373	TERMINAL—"Sparky" (cover & spring) .....	1
8	71530	SPARK PLUG (HO-8A) .....	1
9	25038	GASKET (included with spark plug) .....	1
10	75078	KEY—rotor .....	1
11	55049	GASKET—back plate .....	1
12	A-56180	BACK PLATE (with pivot post) .....	1
		Includes	
13	71597	SEAL—garlock .....	2
14	55204	BEARING—needle .....	1
15	A-56150*	GOVERNOR—vane .....	1
16	80629	SCREW—8-32 x 5/16 pan hd. ....	2
17	A-55645**	PLATE—governor adjusting .....	1
18	80605	SCREW—6-32 x 5/16 pan hd. ....	2
19	80576	SCREW—10-32 x 3/16 pan hd. ....	6
20	55989	WASHER—sealing, felt .....	1

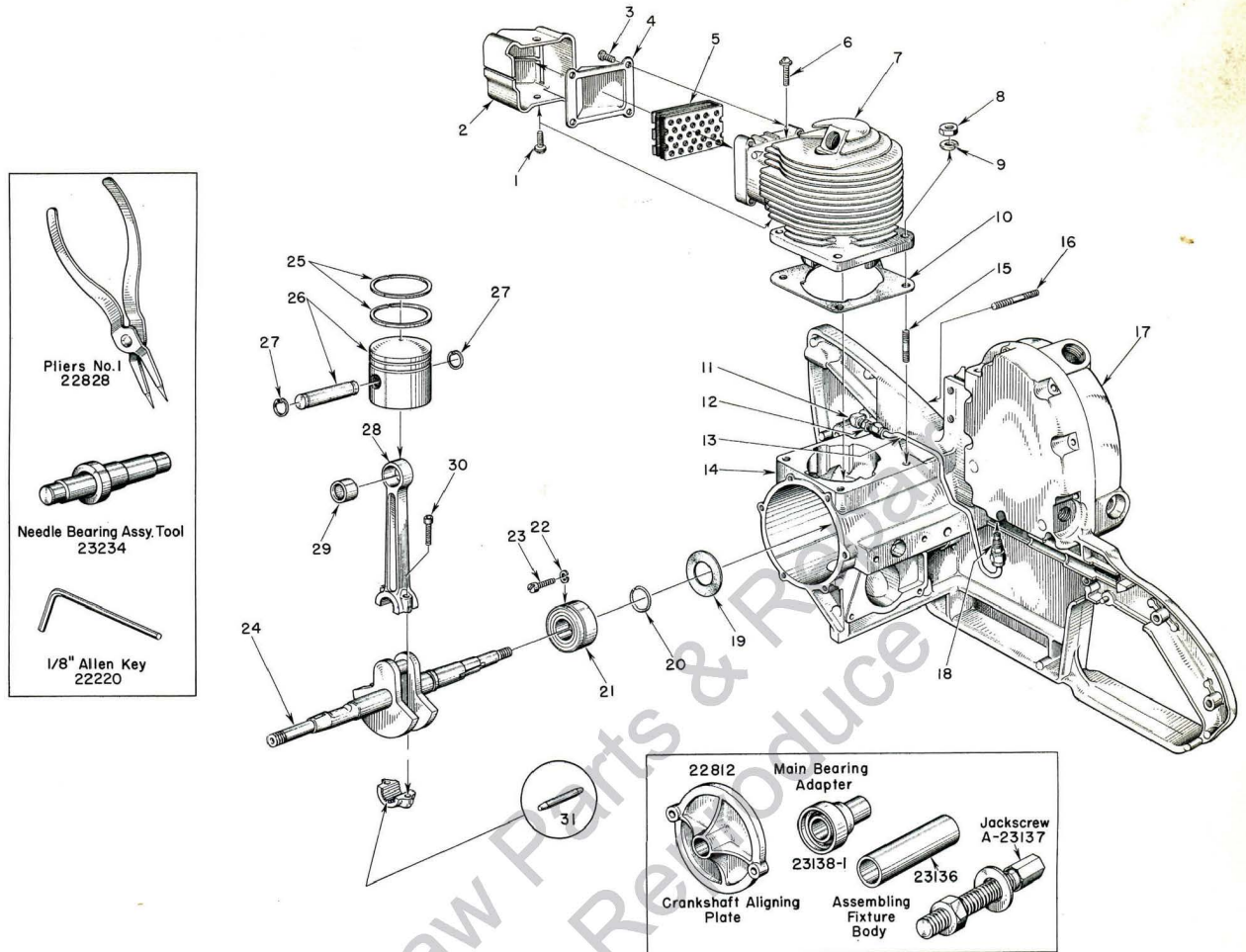
Index No.	Part No.	Description	No. Required
21	55969	BOX—breaker, w/ core .....	1
22	55982	NUT—terminal .....	1
23	55983	WASHER—terminal .....	1
24	55978	GASKET—dust cover .....	1
25	55979	COVER—dust .....	1
26	55980	CLAMP—dust cover .....	1
27	55985	SCREW—8-32 x 3/8 fil. hd. ....	1
28	83060	WASHER—lock .....	2
29	84048	WASHER—flat .....	2
30	55981	TERMINAL (Jam:tite) .....	1
31	A-55971	POINTS (set) .....	1
32	55984	WICK, felt .....	1
33	55987	CONDENSER (w/terminal 55981) .....	1
34	55988	SCREW .....	1
35	56111	ROTOR .....	1
36	55977	SCREW—coil ground .....	1
37	55986	COIL .....	1
38	56027	SLEEVE—insulating .....	1
39	80660	SCREW—10-24 x 7/8 fil. hd. ....	2
40	83046	WASHER—#10 lock .....	2
41	80598	SCREW—6-32 x 5/16 flat hd. ....	2
42	55595-1	CLAMP—lead .....	1
	56206	TAPE—insulation .....	1

\* Does not include governor rod; see Figure 2.

\*\* Does not include tension spring; see Figure 2.



# HOMELITE CHAIN SAW MODEL EZ-6



**FIGURE 8 — ENGINE ASSEMBLY**

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required
1	80625	SCREW — 10-32 x 1/2 pan hd.	1
2	55506-1	DAMPER—heat	1
3	80666	SCREW—6-32 x 1/2 fl. hd.	4
	56218	WIRE—.018" dia. x 6"	2
4	55507	CAP—exhaust	1
5	A-56068	ELEMENT—muffler	1
6	80583	SCREW—10-32 x 3/4 pan hd.	1
7	55490	CYLINDER	1
8	81065-2	NUT—hex 1/4-28	4
9	83009	WASHER—lock 1/4	4
10	55050-A	GASKET—cylinder	1
11	31734	ELBOW—connector 90°	1
12	31733-1	ADAPTER—straight	1
13	A-55625	LINE—chain oil	1
14	A-56202	CRANKCASE—w/pivot pin	1
		Includes	
15	55871	STUD—cylinder	4
16	55623	STUD—guide bar	2
17	A-55621	COVER—oil reservoir	1

Index No.	Part No.	Description	No. Required
	55833	GASKET—reservoir cover	1
	80622	SCREW—self-tapping	9
	55372	PAD—felt	1
18	A-55824	VALVE—check	1
19	55048-A	GASKET—crankcase sealing	1
20	56109	RING—snap	1
21	56097	BEARING—main	1
22	83061	WASHER—lock, special thin	2
23	19238-A	SCREW—main bearing retaining	2
24	56098	CRANKSHAFT	1
25	55537	RING—piston	2
26	A-55599	PISTON and PIN	1
		Includes	
27	55095	RING—piston pin retaining	2
28	AA-55195	CONNECTING ROD	1
		Includes	
29	55196	BEARING—piston pin	1
30	80541	SCREW—8-32 x 1/2 allen cap	2
31	AA-55280	ROLLERS (set of 27)	1

# HOMELITE CHAIN SAW MODEL EZ-6

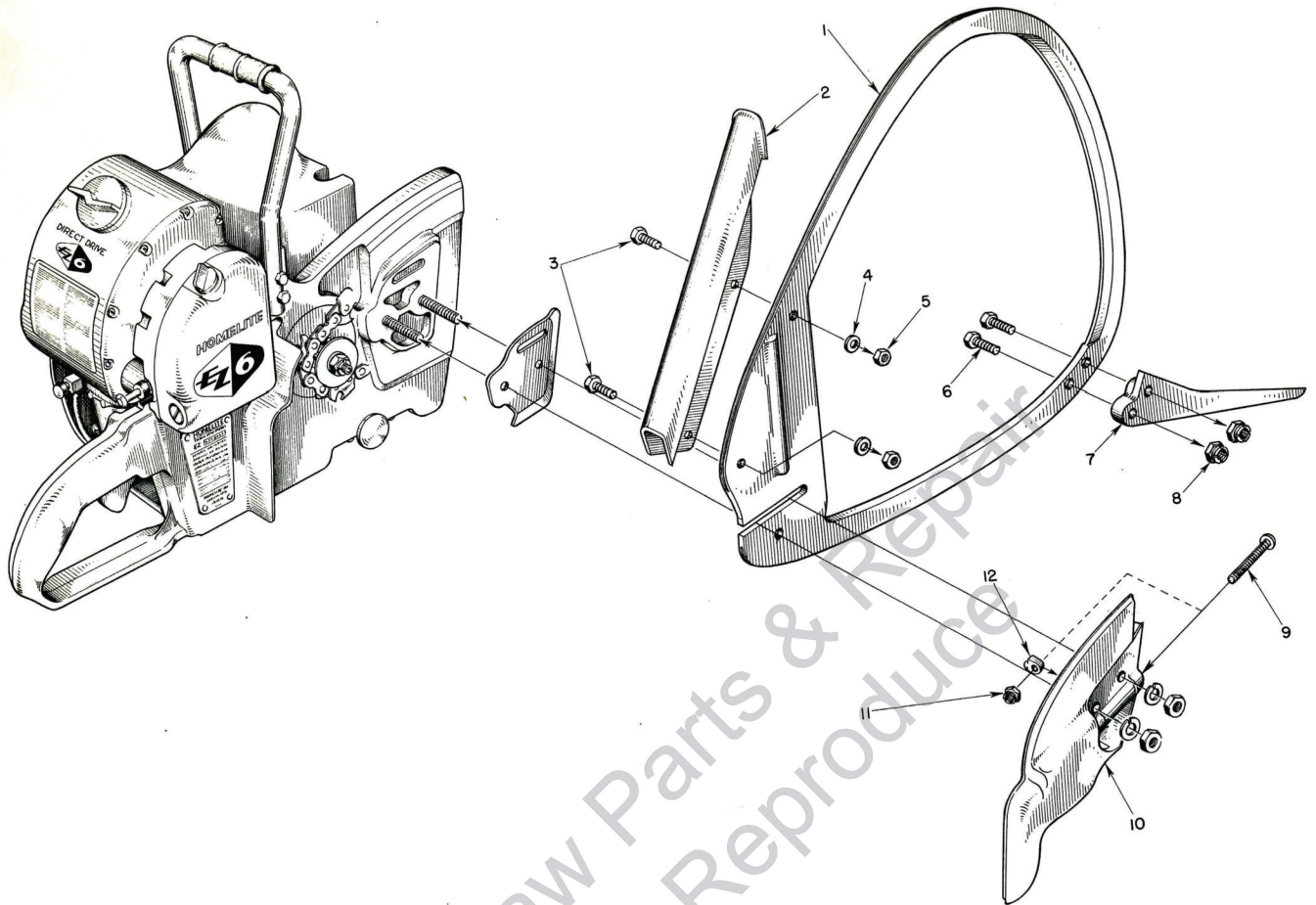


FIGURE 9 — BOW SAW PARTS

SEPTEMBER 1957

Index No.	Part No.	Description	No. Required
1	55953	GUIDE—14" Bow .....	1
	A-56012	KIT—bow mounting .....	1
		Includes	
2	55952	GUARD .....	1
3	80355	SCREW—hex hd. 1/4-20 x 1/2 .....	2
4	83009	WASHER—lock 1/4 .....	2
5	81013	NUT—hex 1/4-20 .....	2
6	80546	SCREW—hex hd. 5/16-24 x 1 1/4 .....	2

Index No.	Part No.	Description	No. Required
7	72784	SPUR .....	1
8	81112	NUT—hex 5/16-24 .....	2
	A-55668-1	COVER—drive case .....	1
		Includes	
9	80617	SCREW—rd. hd. 5/16-18 x 2" .....	1
10	55519-1	COVER .....	1
11	81123	NUT—hex lock 5/16-18 .....	1
12	55613	PIN—adjusting .....	1

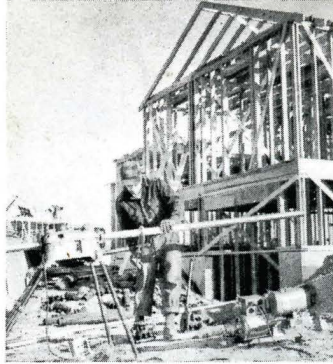
Note: Use 21" length, 7/16 pitch chain.



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Part No. 23218-2

20M-9-57

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A TRUSPECTIVE Publication by  
The PURNELL COMPANY  
Boston, Mass.