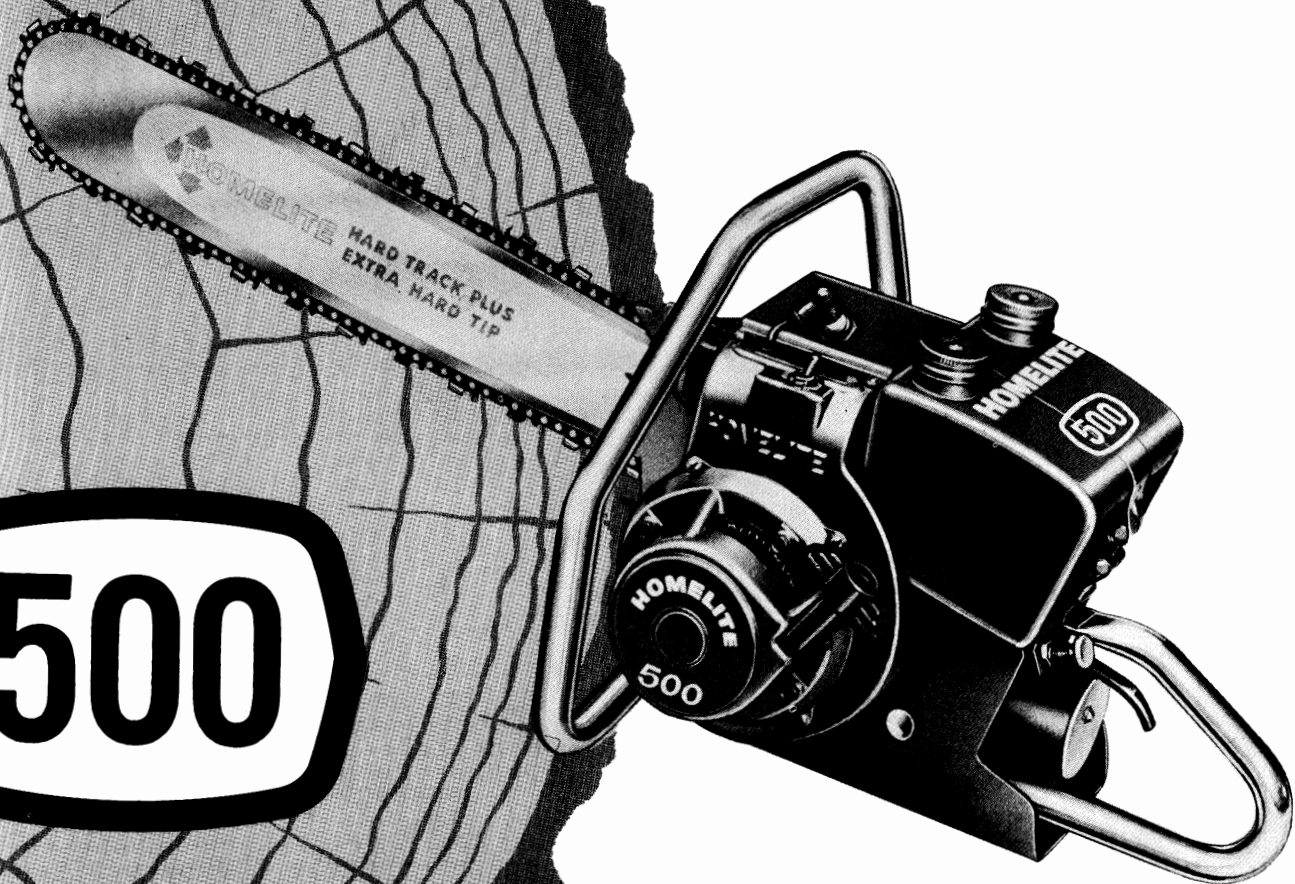


HOMELITE CHAIN SAW

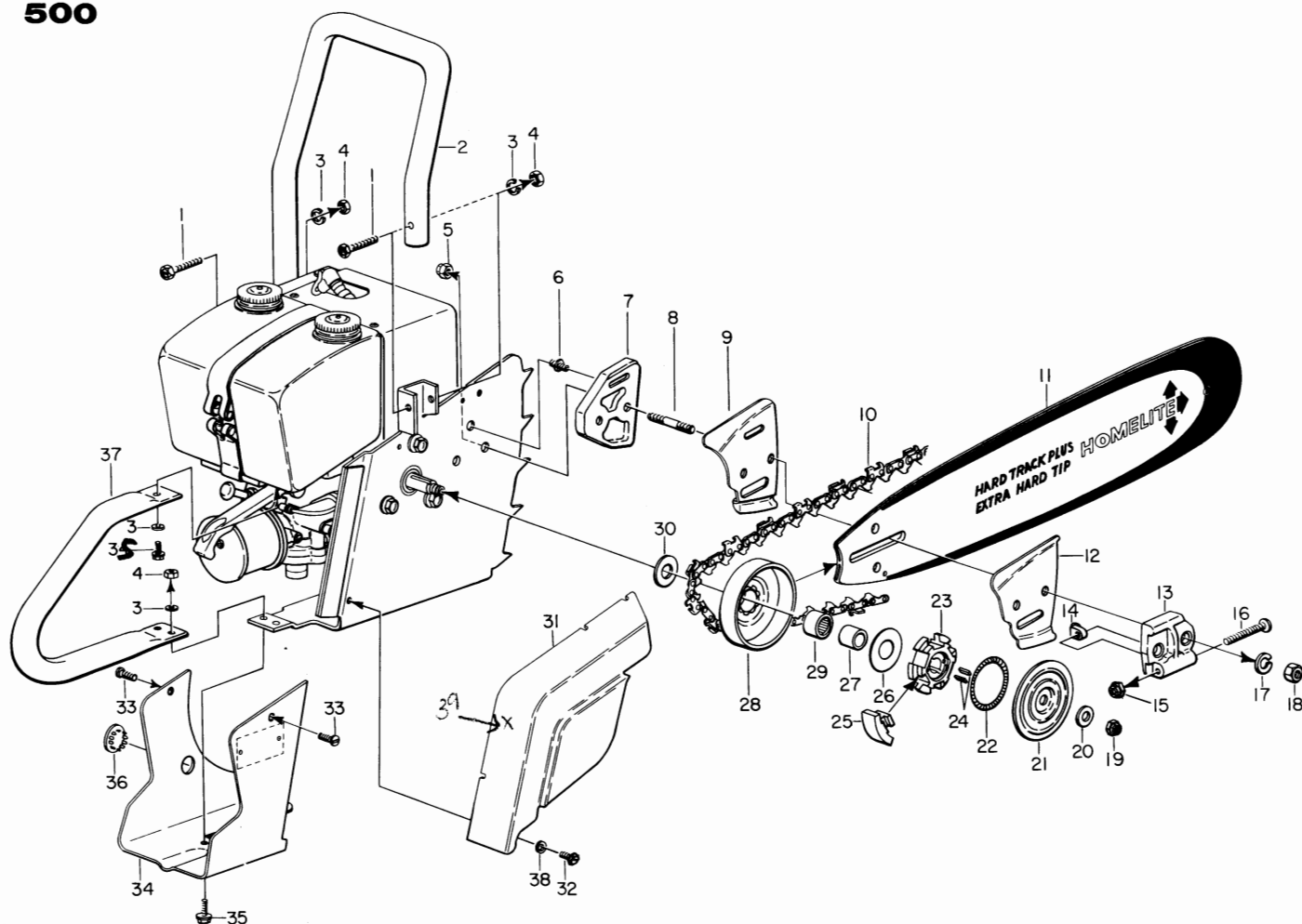
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PARTS LIST

July 1960

Courtesy of: ParkinLube.com

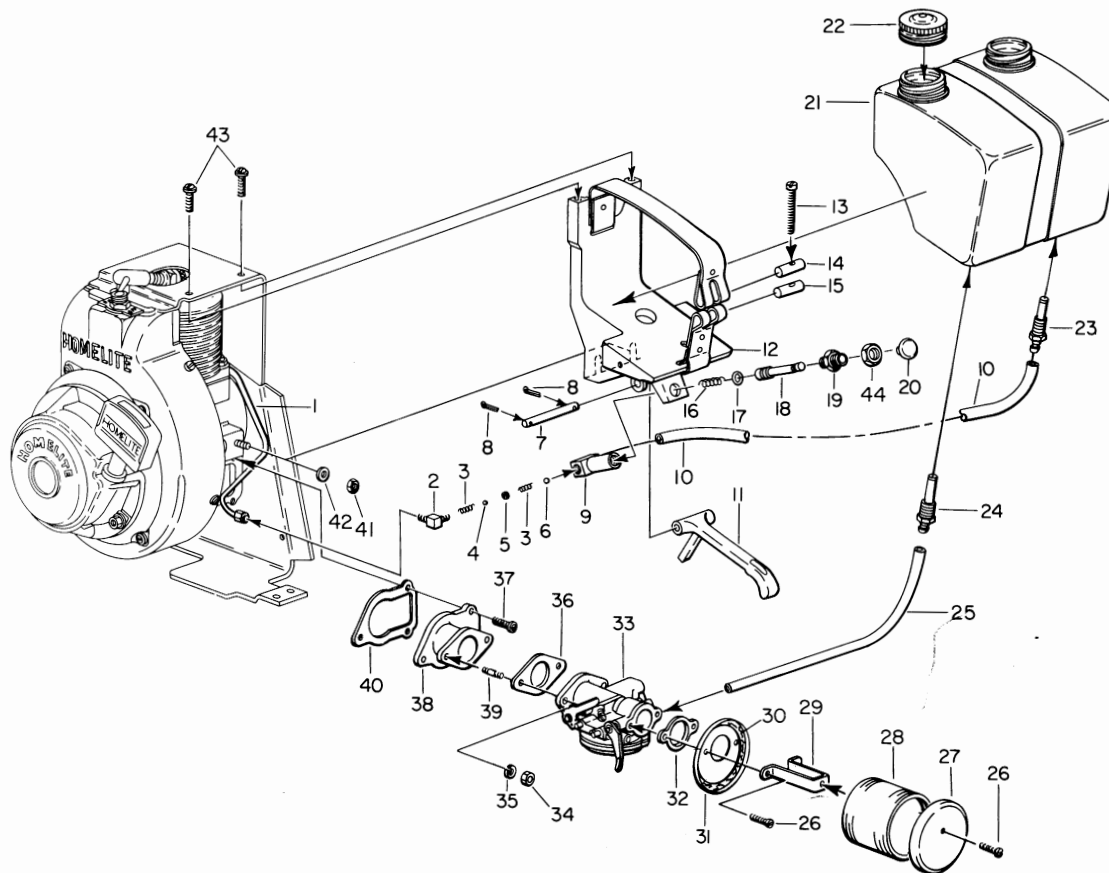


JULY 1960

Index No.	Part No.	Description	No. Required
1	80447	SCREW—hex hd., 1/4-20 x 1 3/8"	2
2	A-57125	HANDLE BAR	1
3	83009	WASHER—lock, 1/4"	5
4	81013	NUT—hex, 1/4-20	4
5	81137	NUT—Flexlock, 3/8-16	2
6	31733-1	ADAPTER—oil line	1
7	56701-A	PAD—guide bar	1
8	55606	STUD	2
9	56871	PLATE—guide bar (inner)	1
10	A-51542	12" CHAIN—3/16" pitch chipper	1
	A-51535	17" CHAIN—3/16" pitch chipper	1
	A-51536	21" CHAIN—3/16" pitch chipper	1
11	A-51545	12" HOMELITE BAR	1
	A-51517	17" HOMELITE BAR	1
	A-51521	21" HOMELITE BAR	1
12	56872-A	PLATE—guide bar (outer)	1
	A-55591-2	ADJUSTING PLATE ASSEMBLY	1
		Includes	
13	55551-B	PLATE	1
14	55552	PIN—guide bar adjusting	1
15	81123	NUT—lock, hex, 5/16-18	1
16	80617	SCREW—rd. hd., 5/16-18 x 2"	1

Index No.	Part No.	Description	No. Required
17	83018	WASHER—lock, 3/8"	2
18	81089	NUT—hex, 3/8-16	2
19	81116	NUT—Flexloc, 3/8-24	1
20	55036	WASHER—clutch retaining	1
21	56238-A	COVER—clutch	1
22	55123-B	SPRING—clutch	2
23	55075-3	SPIDER—clutch	1
24	55225-1	KEY	2
25	55076-1	SHOE—clutch	3
26	56132	WASHER—thrust (outer)	1
27	56231	RACE—inner	1
28	A-56299	SPROCKET AND DRUM ASSEMBLY	1
		Includes	
29	56230	BEARING—needle	1
30	56236	WASHER—thrust (inner)	1
31	57122	GUARD—chain	1
32	80763	SCREW—hex hd., slotted, 12-24 x 5/16"	2
33	80625	SCREW—pan hd., 10-32 x 1/2"	2
34	57121	GUARD—rear	1
35	80049	SCREW—hex hd., 1/4-20 x 3/8"	3
36	29187	PLUG—button	1
37	57124	HANDLE—throttle	1
38	84006	WASHER—flat, 1/4"	2

39 56766-A DECAL, START INSTR



JULY 1960

A-57615 oil Pump Kit

Index No.	Part No.	Description	No. Required
1	A-57145	OIL LINE ASSEMBLY	1
2	57288	CONNECTOR ELBOW	1
3	57286	SPRING—check valve	2
4	57284	BALL—steel, $\frac{3}{32}$ " dia.	1
5	57287	SPACER—valve	1
6	57285	BALL—steel, $\frac{1}{16}$ " dia.	1
7	57139	FULCRUM PIN	1
8	86301	PIN—cotter	2
9	57280	BODY—pump	1
10	57292 56326	OIL LINE (tank to oil pump).....	1
11	56891	TRIGGER—throttle	1
12	A-57277	SADDLE BRACKET AND STRAP (see note)	1
13	80749	SCREW—fil. hd., 10-32 x $1\frac{3}{8}$ ".....	1
14	56734	STUD—strap (plain)	1
15	56735	STUD—strap (threaded)	1
16	57283	SPRING—piston	1
17	74388	"O"—RING	1
18	57281	PISTON—pump	1
19	57282	NUT—piston	1
20	57289	BUTTON—pump piston	1
21	A-57276	FUEL TANK	1
		Includes	
22	56762	CAP	2
	56754	DECAL—"fuel mix"	1
	56755	DECAL—"chain oil"	1
	56750	DECAL—"HOMELITE"	1

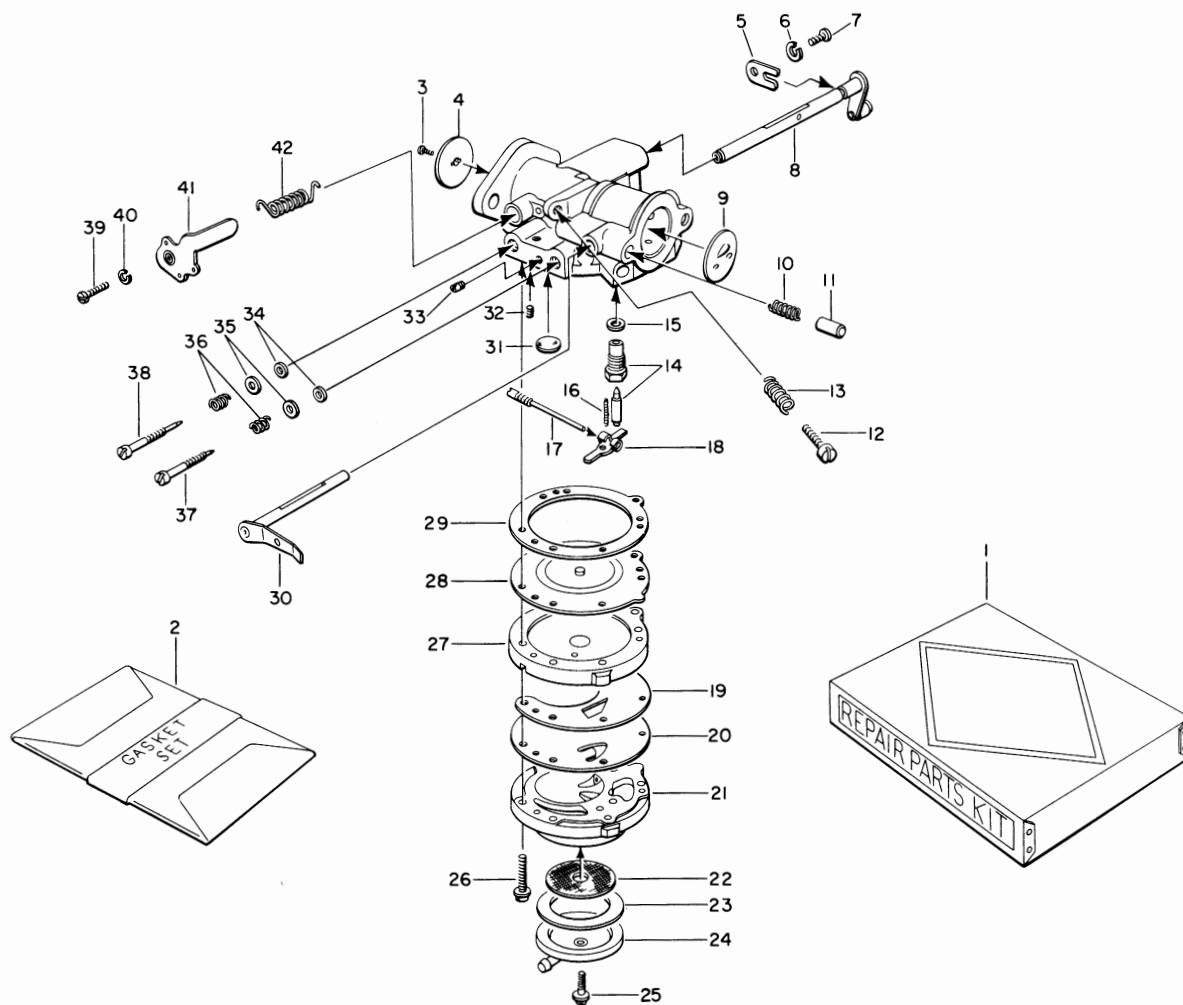
Index No.	Part No.	Description	No. Required
	57326	DECAL—"500"	1
23	56765	ADAPTER—screen	1
24	57138	ADAPTER—screen	1
25	76178	FUEL LINE (tank to carburetor).....	1 $\frac{7}{8}$ " FLEX-LINE
26	80579	SCREW—pan hd., 10-32 x $\frac{3}{8}$ ".....	3
27	A-57306	COVER—filter (front) (w/57031 GASKET)	1
28	56788-A	ELEMENT—air filter	1
29	56787	BRACKET—air filter	1
30	57031	GASKET—felt (cemented to each cover)..	1
31	A-57305	COVER—filter (back) (w/57031 GASKET).	1
32	72971-1	GASKET—air filter	1
33		CARBURETOR ASSEMBLY (see pg. 4 for Tillotson and pg. 5 for Brown).....	1
34	81013	NUT—hex, $\frac{1}{4}$ -20	2
35	83009	WASHER—lock $\frac{1}{4}$ "	2
36	55553	GASKET—carburetor	1
37	80583	SCREW—pan hd., 10-32 x $\frac{3}{4}$ ".....	3
38	A-55679-A2	REED VALVE ADAPTER	1
		Includes	
39	27464	STUD	2
40	55116	GASKET—reed valve adapter	1
41	81065-2	NUT—hex, $\frac{1}{4}$ -28	2
42	84019	WASHER—flat, $\frac{1}{4}$ "	2
43	80577	SCREW—pan hd., 8-32 x $\frac{3}{8}$ ".....	2
44	81151	NUT—mounting, $\frac{3}{8}$ -24	1

Note: Tank mounting straps, presently spot welded to saddle bracket, are replaceable separately. For upper (long) strap, order part 57143; for lower (short) strap, order part 57144. Fasten with rivets, part No. 85000.

Always give model and serial number of unit when ordering parts.

HOMELITE 500

TILLOTSON CARBURETOR



JULY 1960

Index No.	Part No.	Description	No. Required	Index No.	Part No.	Description	No. Required
1	77392	REPAIR PARTS KIT (RK-420)	1	21	55748	COVER—fuel pump	1
2	**77342	GASKET SET (G5-145)	1	22	55752	SCREEN—fuel inlet	1
	A-56760	CARBURETOR—Tillotson Model HL-82A	1	23	*55751	GASKET—fuel inlet	1
		Composed of items 3 thru 42		24	55750	TURRET—fuel inlet	1
3	**28049	SCREW—throttle shutter	1	25	55756	SCREW—turret	1
4	75532	SHUTTER—throttle	1	26	55316	SCREW—body, w/lockwasher	6
5	73086	CLIP—throttle shaft	1	27	55749	COVER—main diaphragm	1
6	83000	WASHER—lock, No. 8	1	28	*A-55760	DIAPHRAGM—main	1
7	73088	SCREW—flat hd., 8-32 x 5/16"	1	29	*55754	GASKET—main diaphragm	1
8	A-56769	THROTTLE SHAFT	1	30	A-77400	CHOKE SHAFT AND LEVER	1
9	75734	SHUTTER—choke	1	31	30818	PLUG—welch (idle channel)	1
10	73264	SPRING—choke friction	1	32	55763	PLUG—main channel	1
11	71494	PIN—choke friction	1	33	73067	PLUG—drain	1
12	**71509	SCREW—idle stop	1	34	*75733	PACKING—adjustment screw	2
13	**28064	SPRING—idle stop screw	1	35	75735	WASHER—adjustment screw	2
14	**A-55761	INLET NEEDLE and SEAT	1	36	73075	SPRING—adjustment screw	2
		Includes		37	**75736	SCREW—idle mixture adjustment	1
15	55344	GASKET—inlet seat	1	38	**75739	SCREW—main mixture adjustment	1
16	**55759	SPRING—control lever	1	39	**71521	SCREW—rd. hd., 4-36 x 1/4"	1
17	A-55762	PIN—control lever	1	40	**71522	WASHER—lock, No. 4	1
18	**55747	LEVER—control	1	41	77247-1	LEVER—throttle stop	1
19	55881	GASKET—pump diaphragm	1	42	75731	SPRING—throttle return	1
20	*55753	DIAPHRAGM—pump	1				

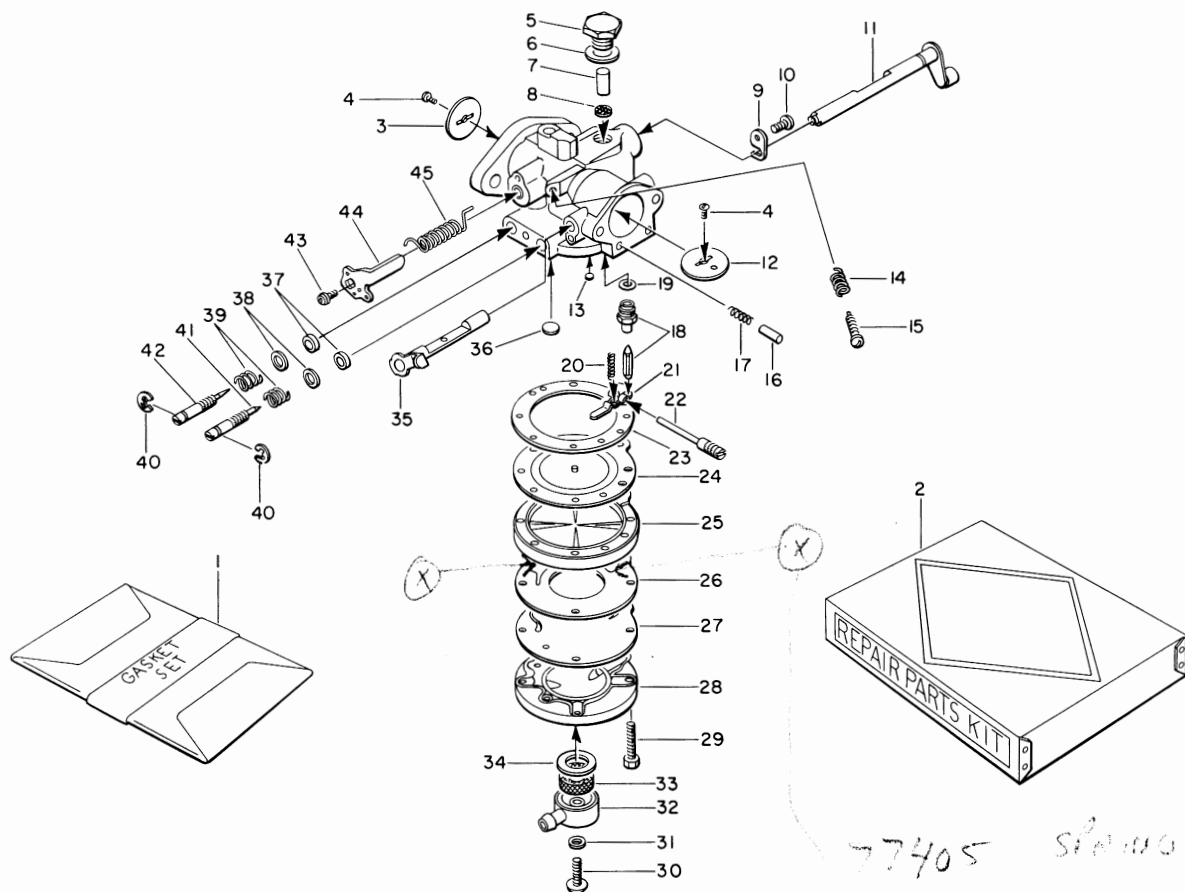
*Included in Gasket Set GS145.

**Included in Repair Parts Kit RK-420.

HOMELITE
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Courtesy of: ParkinLube.com



JULY 1960

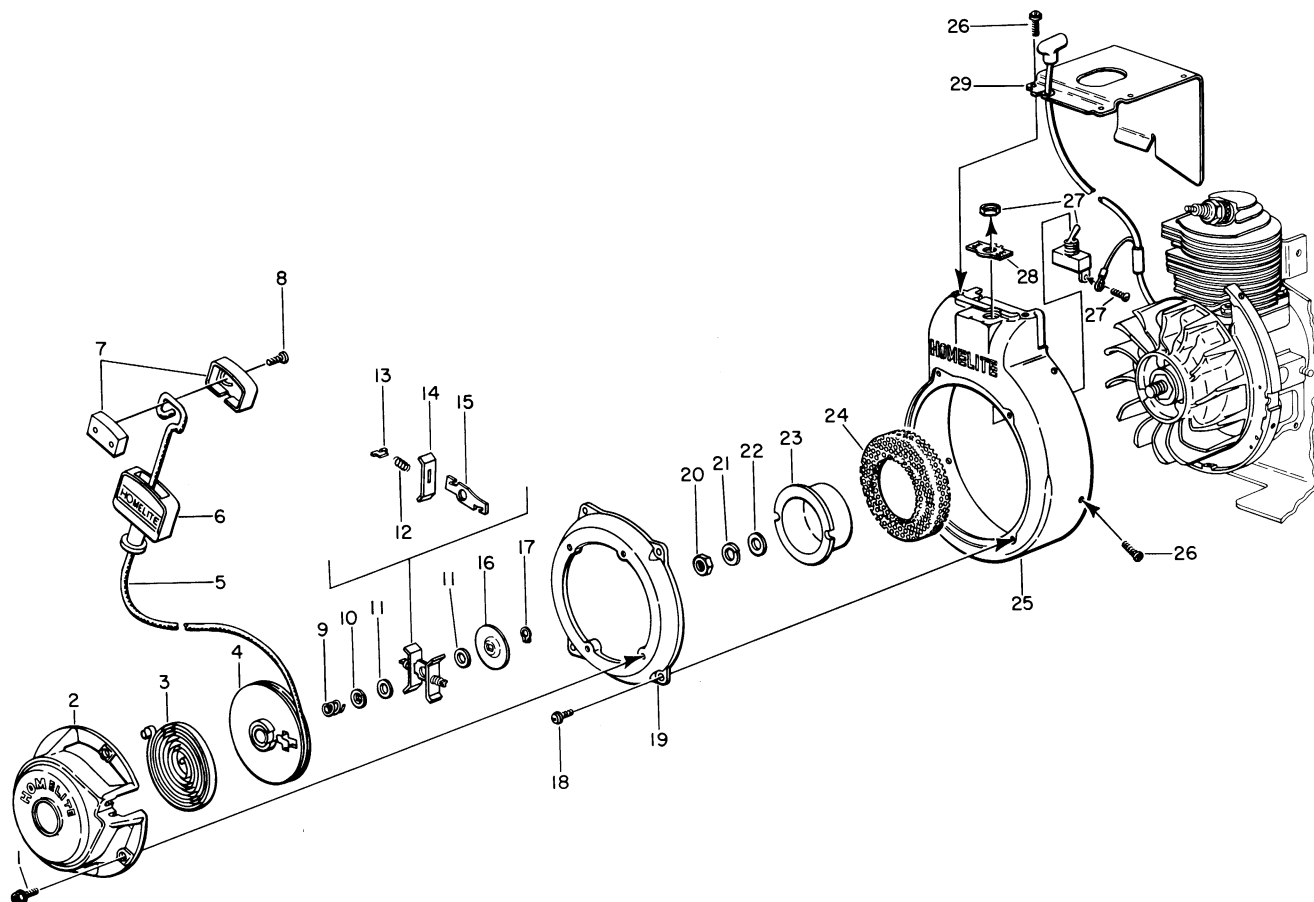
Index No.	Part No.	Description	No. Required	Index No.	Part No.	Description	No. Required
1	**77336	GASKET SET (BGS-152)	1	22	**A-77326	PIN—control lever	1
2	.77398	REPAIR PARTS KIT (BRK-165)	1	23	*77368	GASKET—main diaphragm	1
	A-56761	CARBURETOR—Brown Model 9-CP	1	24	*A-77370	DIAPHRAGM—main	1
		Composed of items 3 thru 45		25	77371	COVER—main diaphragm	1
3	74980	SHUTTER—throttle	1	26	*77305	GASKET—pump	1
4	77044	SCREW—shutter, rd. hd., 4-40 x $\frac{1}{8}$ "	2	27	*77304	DIAPHRAGM—pump	1
5	**77306	SCREW—plug	1	28	A-77374	BODY—pump	1
6	77307	GASKET—plug screw	1	29	77160	SCREW—body, fil. hd., 6-32 x $\frac{3}{4}$ "	4
7	†	FILTER—felt	1	30	77320	SCREW—fuel connection	1
8	†	SCREEN—filter	1	31	*74997	GASKET—fiber	1
9	**74981	CLIP—throttle shaft	1	32	77318	TURRET—fuel inlet connection	1
10	**77041	SCREW—throttle clip, pan hd., 16-32 x $\frac{3}{8}$ "	1	33	77376	SCREEN	1
11	A-77389	THROTTLE SHAFT	1	34	*77319	GASKET—turret	1
12	74991	SHUTTER—choke	1	35	A-77397	CHOKE LEVER and SHAFT	1
13	**77381	PLUG—welch (main channel)	1	36	*74977	PLUG—welch, idle channel	1
14	77010	SPRING—idle stop screw	1	37	*77007	RING—square (packing)	2
15	77040	SCREW—idle stop, rd. hd., 6-32 x $\frac{9}{16}$ "	1	38	*77006	WASHER—adjustment packing	2
16	77018	PIN	1	39	*77005	SPRING—adjustment compression	2
17	77017	SPRING	1	40	77004	CLIP—spring retaining	2
18	**A-77327	NEEDLE and SEAT—inlet	1	41	**A-77328	SCREW—main mixture adjustment	1
		Includes		42	**A-77251	SCREW—idle mixture adjustment	1
19	*77346	GASKET—copper	1	43	*77042	SCREW—idle stop	1
20	**77015	SPRING—control lever	1	44	74989	LEVER—throttle stop	1
21	**77016	LEVER—control	1	45	*77391	SPRING—throttle return	1

*Included in Gasket Set BGS152.

**Included in Repair Parts Kit BRK165.

† No longer required.

Always give model and serial number of unit when ordering parts.



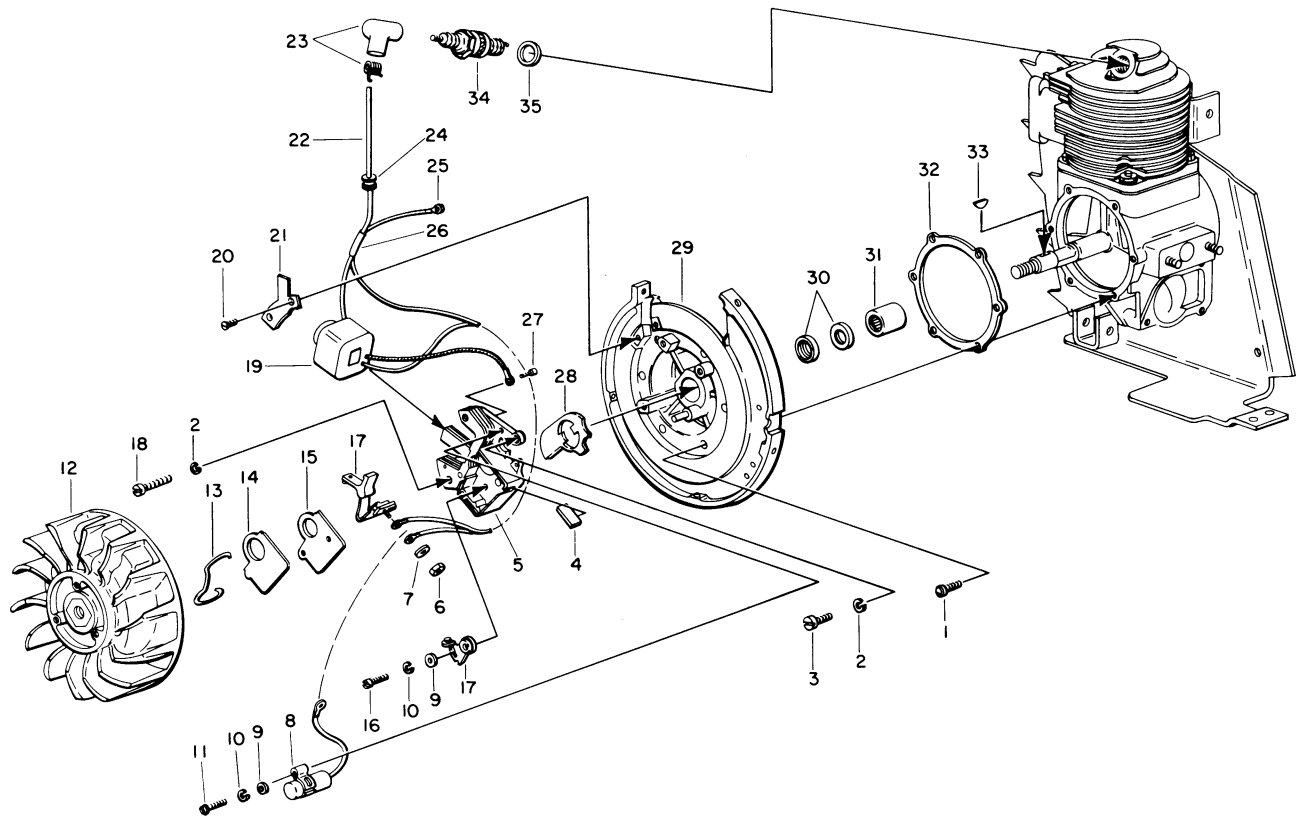
JULY 1960

Index No.	Part No.	Description	No. Required	Index No.	Part No.	Description	No. Required
	A-56487-1	RECOIL STARTER ASSEMBLY	1	13	*56461	PLATE—spring retainer	2
1	80681	SCREW—hex hd., 1/4-20 x 1/2"	4	14	*56459	PLATE—friction shoe	2
2	*56450-2	COVER—pulley	1	15	*56458	LEVER—brake	1
	*56752	DECAL—"HOMELITE"	1	16	*56462	WASHER—brake retainer	1
	*57327	DECAL—"500"	1	17	*56463	SNAP RING	1
3	*56451	SPRING—rewind	1	18	80576	SCREW—pan hd., 10-32 x 3/8"	4
4	*56452	PULLEY	1	19	56426	ADAPTER—starter	1
5	*55898	STARTING ROPE	1	20	81110	NUT—hex, 7/16-20	1
6	*55937	GRIP—starting	1	21	83019	WASHER—lock, 7/16"	1
7	*A-56081	INSERT—grip	1	22	84055	WASHER—flat, 7/16"	1
		Includes		23	*56441	CUP—starter	1
8	*80619	SCREW—flat hd., 10-32 x 3/8"	2	24	*56442	SCREEN—starter	1
9	*56455	SPRING—brake	1	25	A-55650	HOUSING—fan	1
10	*56456	WASHER—brake	1	26	80577	SCREW—pan hd., 8-32 x 3/8"	7
11	*56457	WASHER—fiber	2	27	A-55877	"ON-OFF" SWITCH	1
12	*56460	SPRING—friction shoe	2	28	55879	PLATE—"ON-OFF"	1
				29	57105	SHIELD—cylinder	1

*Included in Recoil Starter Assembly A-56487-1
X EXCEPT DECALS

IGNITION SYSTEM

HOMELITE
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JULY 1960

Index No.	Part No.	Description	No. Required
1	80576	SCREW—pan hd., 10-32 x $\frac{9}{16}$ "	6
2	83046	WASHER—lock, No. 10	3
3	80595	SCREW—fil. hd., 10-24 x $\frac{1}{2}$ "	1
4	55984	FELT—cam wiper	1
5	55969	CORE AND BREAKER BOX	1
6	55982	NUT—terminal	1
7	55983	WASHER—terminal	1
8	55987	CONDENSER (w/terminal)	1
9	84048	WASHER—flat, No. 8	2
10	83060	WASHER—lock, No. 8	2
11	55988	SCREW—condenser fastening	1
12	56026	ROTOR—magneto	1
13	55980	CLAMP—breaker box cover	1
14	55979	COVER—breaker box	1
15	55978	GASKET—breaker box	1
16	55985	SCREW—breaker arm fastening	1
17	A-55971	SET OF POINTS (Includes item No. 4)	1
18	80660	SCREW—fil. hd., 10-24 x $\frac{7}{8}$ "	2
19	55986	COIL	1

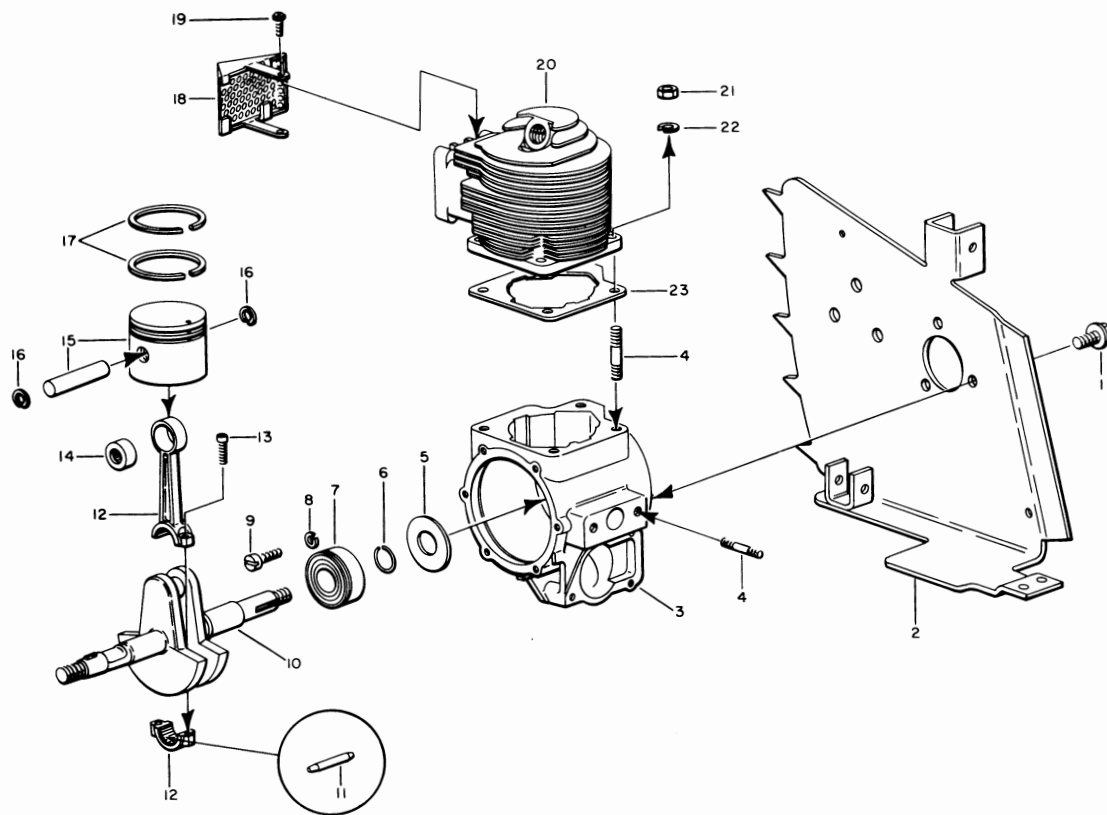
Index No.	Part No.	Description	No. Required
20	80598	SCREW—flat hd., 6-32 x $\frac{5}{16}$ "	2
21	55595-1	CLAMP—back plate	1
22	56029	HIGH TENSION LEAD	1
23	A-55373	SPARKY	1
24	60929	GROMMET	2
25	56028	GROUND LEAD (to "ON-OFF" switch)	1
26	56027	SLEEVE—insulation	1
27	55977	SCREW—ground terminal	1
28	55989	FELT—sealing	1
29	A-56080-A	BACK PLATE with pivot post Includes	1
30	71597	SEAL—Garlock	2
31	55204	BEARING—needle	1
32	55049	GASKET—back plate	1
33	75078	KEY—rotor	1
34	40190-S	SPARK PLUG—Champion J-6-J Includes	1
35	25038	GASKET—spark plug	1

⊗ WITH SER: A USE A 58165

Always give model and serial number of unit when ordering parts.

Courtesy of: ParkinLube.com

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JULY 1960

Index No.	Part No.	Description	No. Required
1	80741	SCREW—hex hd., Spin-lock, $\frac{5}{16}$ -18 x $\frac{5}{8}$ "	3
2	A-57304	DRIVE PLATE ASSEMBLY.....	1
		Includes	
	57278	STRIP—sealing	1
3	A-57081-1	CRANKCASE	1
		Includes	
4	55871	STUD—cylinder	16
5	55048-A	GASKET—crankcase sealing	1
6	56109	RING—snap	1
7	56097-S	BEARING—main	1
8	83061	WASHER—lock, $\frac{1}{4}$ "	2
9	19238-A	SCREW—bearing retaining	2
10	56702-A	CRANKSHAFT	1
11	AA-55280	ROLLER—set of 27 needles	1

Index No.	Part No.	Description	No. Required
12	AA-55195	CONNECTING ROD	1
		Includes	
13	80541	SCREW—Allen cap, 8-32 x $\frac{1}{2}$ "	2
14	55196	BEARING—piston pin	1
15	AA-55279	PISTON AND PIN ASSEMBLY	1
		Includes	
16	55095	RING—piston pin retaining	2
17	55038	RING—piston	2
18	A-56613-A	EXHAUST FLANGE CAP	1
19	80625	SCREW—pan hd., 10-32 x $\frac{1}{2}$ "	2
20	56403	CYLINDER	1
21	81065-2	NUT—hex, $\frac{1}{4}$ -28	4
22	83009	WASHER—lock, $\frac{1}{4}$ "	4
23	56864	GASKET—cylinder	1

* SPECIAL TOOLS AND ACCESSORIES

Part No.	Description	No. Required
22220	WRENCH—socket screw (conn. rod).....	1
23234	ASSEMBLY TOOL—needle bearing	1
22828	PLIERS—for Tru-arc ring (piston).....	1
23318	SPRAY CAN—blue paint	1
AA-22560	MAGNETO ROTOR REMOVER	
	ASSEMBLY	1
A-23131	CLUTCH SPIDER PULLER ASSEMBLY	1
23136	BODY—assembling fixture	1

Part No.	Description	No. Required
23138-1	ADAPTER—bearing assembling	1
A-23137	JACKSCREW ASSEMBLY	1
22812	PLATE—shaft aligning	1
22830-A	PLUG—Garlock seal assembling	1
22831	ASSEMBLY TOOL—needle bearing	1
A-56558	NOISE SUPPRESSOR CAP ASSEMBLY....	1
A-56615	SPROCKET AND DRUM ASSEMBLY	1
23488	LOCTITE KIT	1

*Supplied only when ordered

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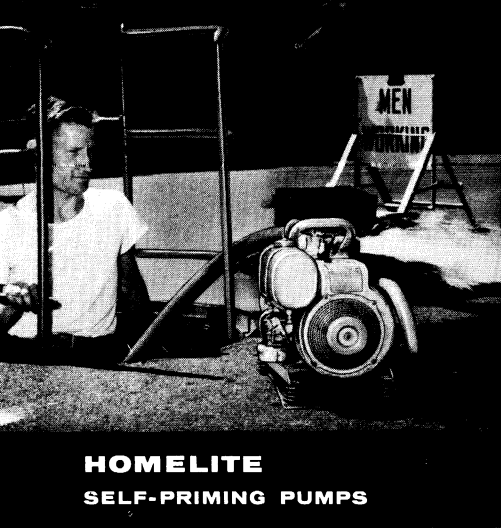
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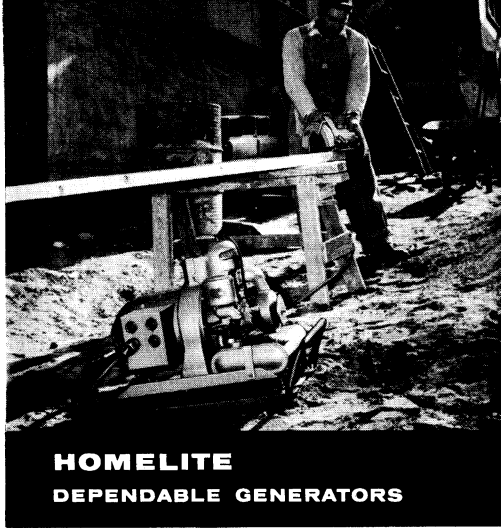
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Ontario

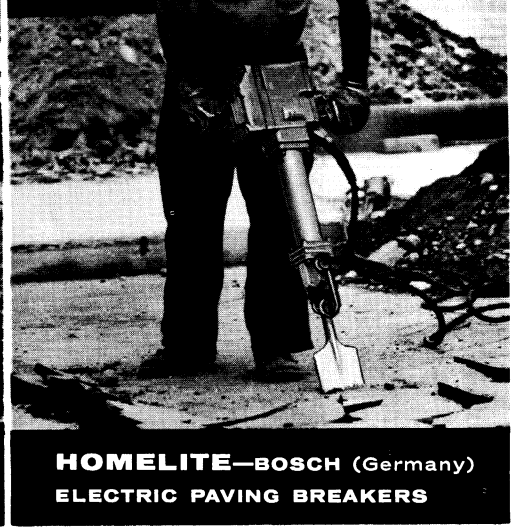
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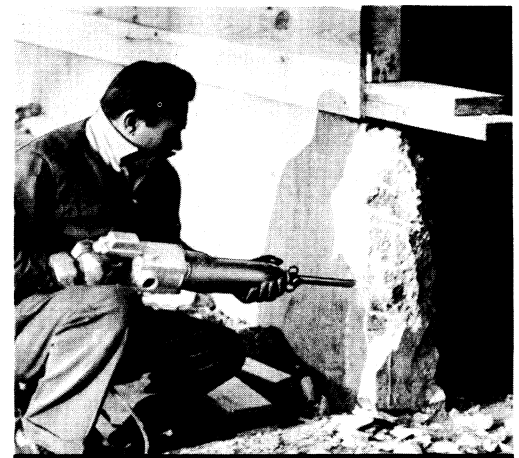
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