

25 CENTS



**PIONEER**

**CHAIN SAWS**

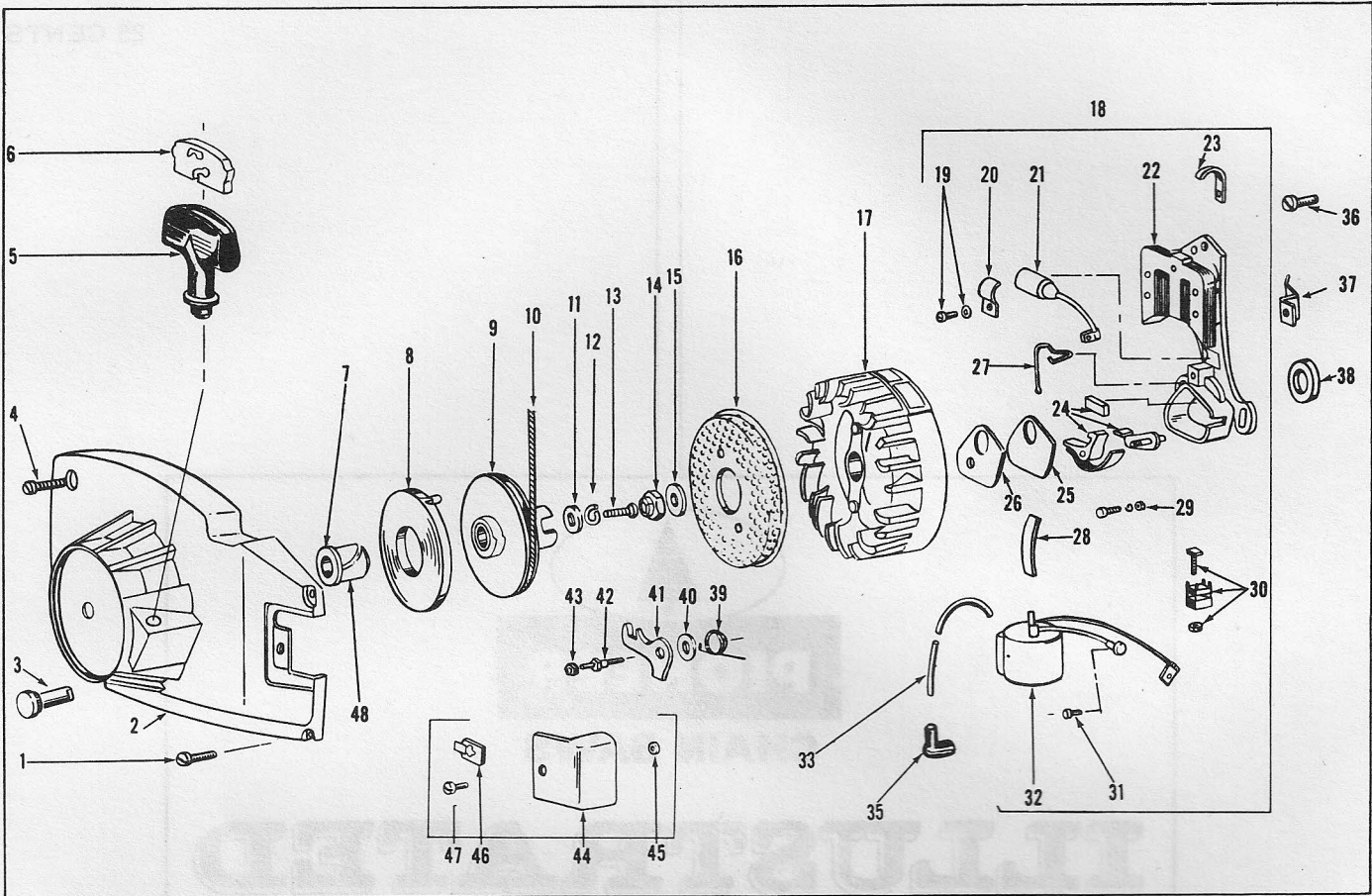
**ILLUSTRATED  
PARTS  
CATALOGUE**

PIONEER SAWS, PETERBOROUGH, ONTARIO, CANADA;  
LINCOLN, NEBRASKA, U.S.A.

LITHO U.S.A.

**MODEL  
14-20**

PART NO. 430258 11-72

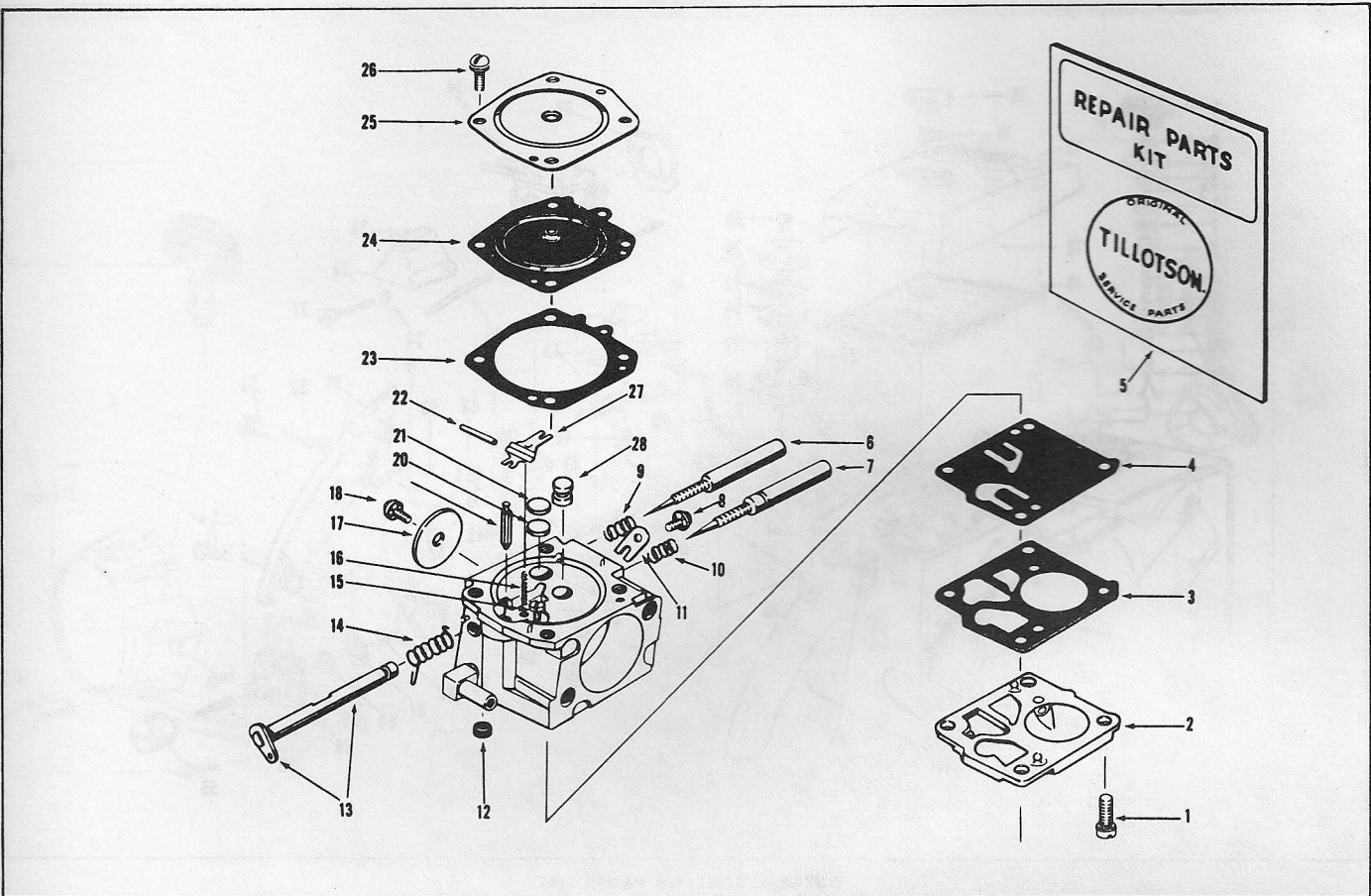


**STARTER & MAGNETO PARTS LIST**

Item No.	Ref. No.	Description	Qty. Req'd.
1	510397	Screw - Blower Cover	3
2	471448	Blower Cover Assy. (incl. pts. mkd. ●)	1
3	428104	● Starter Shaft	1
4	311834	Screw - Blower cover to fuel tank	1
5	427370	Starter Handle	1
6	427492	Anchor	1
7	428443	Bushing - Starter Pulley	1
8	427771	Starter Spring	1
9	471371	Starter Pulley Assy.	1
10	426752	Starter Cord	1
11	428105	Washer	1
12	306398	Washer	1
13	551725	Screw - Pulley to shaft	1
14	427826	Locknut (L.H. Flywheel)	1
15	306405	Washer	1
16	428092	Rotating Screen	1
17	471362	Flywheel Assy.	1
18	471590	Stator Assy. (incl. pts. mkd. x)	1
19	425948	x Clamp Screw Assy.	1
20	427754	x Condensor Clamp	1
21	471354	x Condensor Assy.	1
22	427752	x Stator Plate & Core	1
23	428106	x Clip	1
24	471500	x Breaker Point Set with Felt	1

Item No.	Ref. No.	Description	Qty. Req'd.
25	427757	x Gasket - Breaker Box	1
26	427756	x Cover - Breaker Box	1
27	425698	x Spring - Breaker Box	1
28	427748	x Coil Wedge Spring	1
29	471366	x Fixed Contact Screw Assy.	1
30	471364	x Terminal Connection Unit	1
31	427749	x Coil Ground Screw	1
32	471365	x Coil Assy.	1
33	427926	x High Tension Wire	1
35	580339	Sparky Assy.	1
36	304605	Screw - Stator to Fuel Tank	3
37	427867	Clip - High Tension Lead	1
38	427917	Magneto Felt	1
39	427764	Spring - Starter Pawl	2
40	202150	Washer - Pivot to flywheel	2
41	427765	Starter Pawl	2
42	427763	Pivot	2
43	427914	Nut - Screen to pivot	2
44	471425	Inspect. Cover Assy. (incl. pts. mkd. ▲)	1
45	427968	▲ Washer - inspect. cover	1
46	428445	▲ Speed Nut	1
47	427965	▲ Screw	1
48	428444	Bearing Liner - Nylon	1





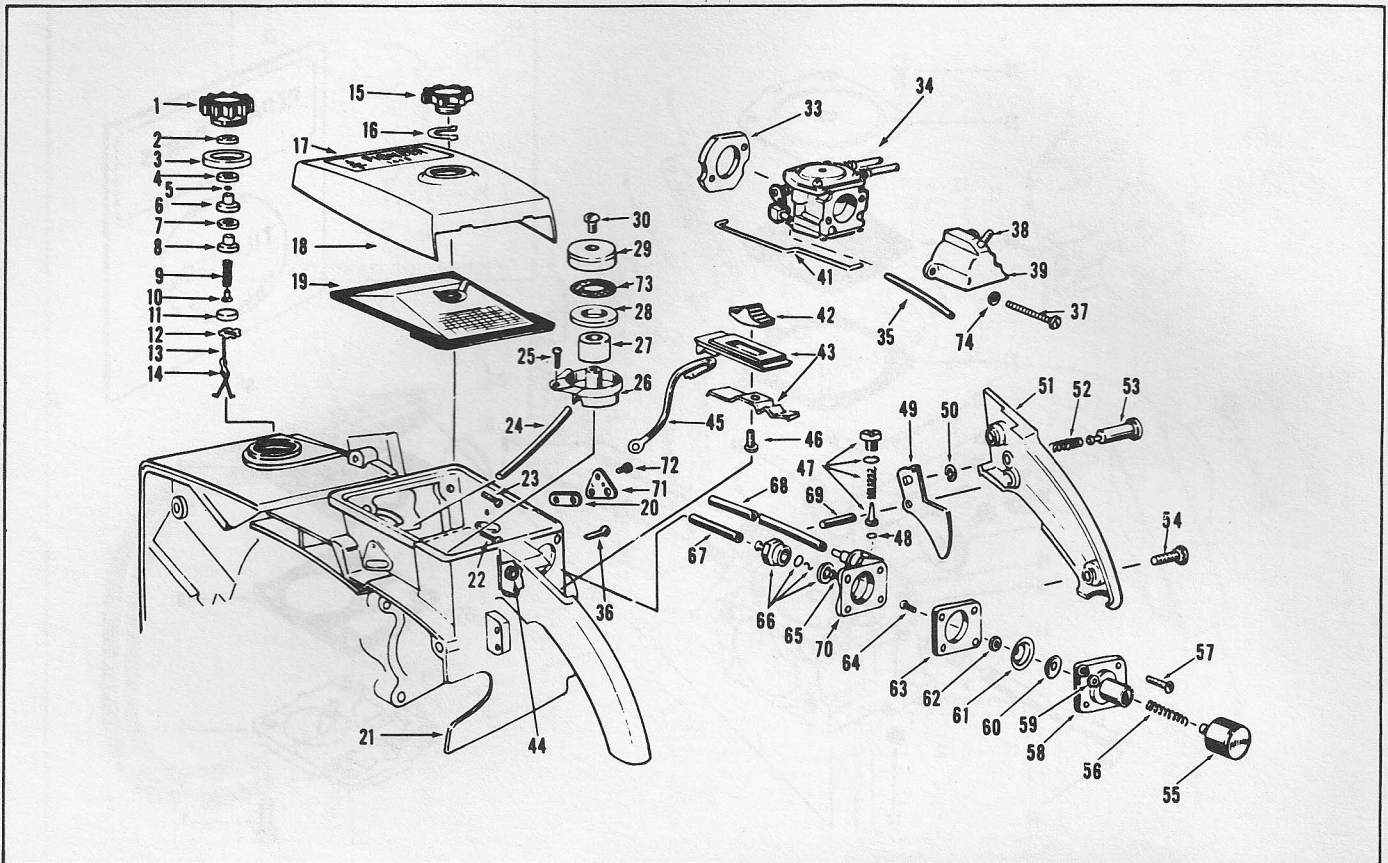
**CARBURETOR PARTS LIST**

Item No.	Ref. No.	Description	Qty. Req'd.
1	427955	Screw & Lockwasher	4
2	427939	Cover - Pump	1
3	*427940	Gasket	1
4	*427941	Diaphragm	1
5	471771	Repair Parts Kit (incl. pts. mkd *)	1
6	*428419	Idle Adj. Screw	1
7	*428414	Main Adj. Screw	1
8	*427947	Screw & Lockwasher	1
9	*425449	Idle Adj. Spring	1
10	*425449	Main Adj. Spring	1
11	427957	Throttle Shaft Clip	1
12	*427951	Inlet Screen	1
13	471739	Throttle Shaft & Lever	1
14	*428417	Throttle Shaft & Return Spring	1

Item No.	Ref. No.	Description	Qty. Req'd.
15	*427962	Inlet Pinion Pin Ret. Screw	1
16	*426922	Inlet Tension Spring	1
17	425966	Throttle Shutter	1
18	*427947	Screw & Lockwasher	4
19	*427952	Inlet Needle	1
20	*428149	Reducer	1
21	*427948	Welch Plug	1
22	*427954	Inlet Pinion Pin	1
23	*427950	Gasket	1
24	*471374	Diaphragm Assy.	1
25	427956	Cover - Diaphragm	1
26	426145	Screw & Lockwasher	1
27	*427953	Inlet Control Lever	1
28	471618	Check Valve Assy.	1

Carburetor Assy. Complete 471710

# MODEL 14-20

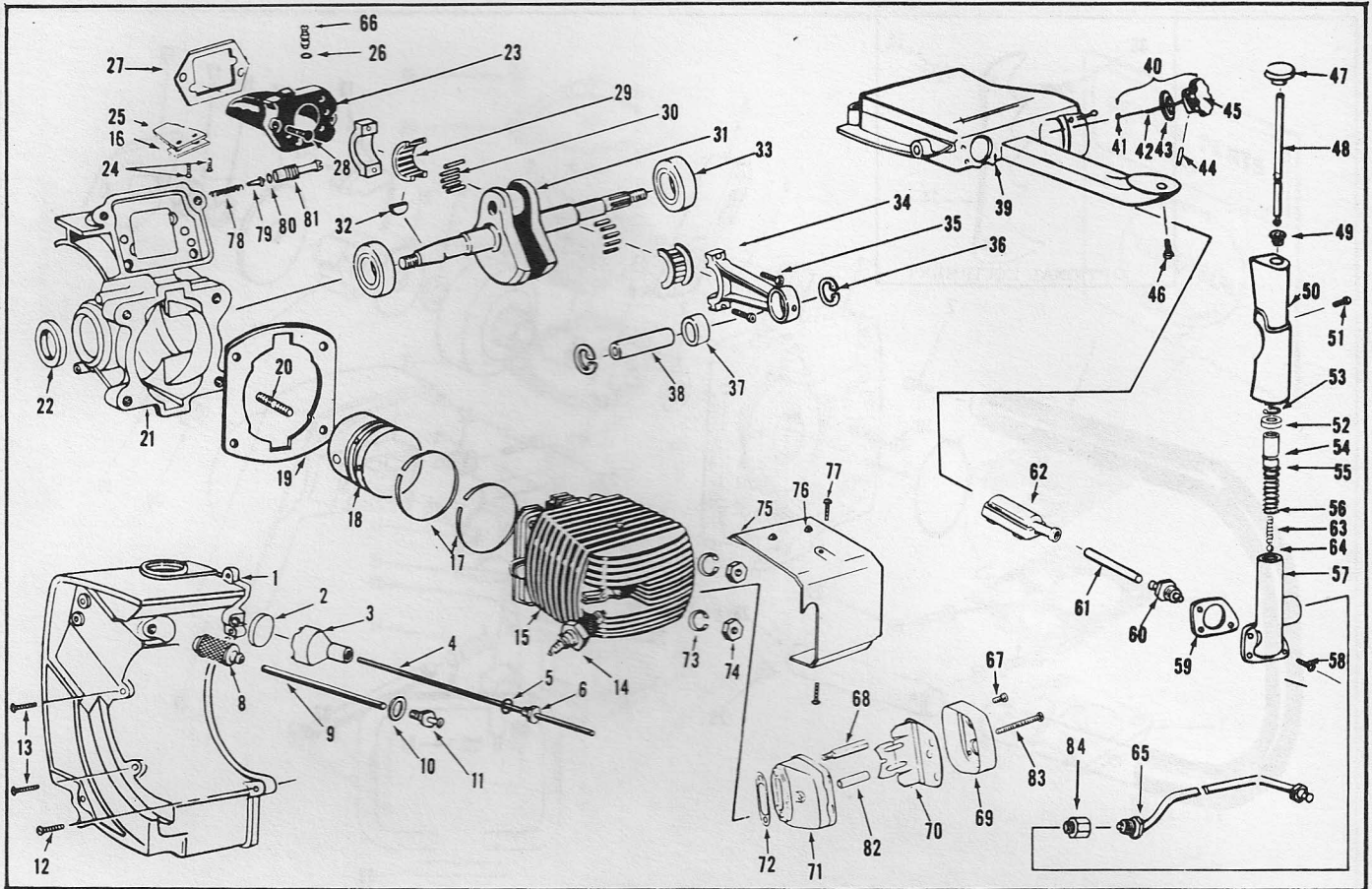


### OUTER ASSEMBLIES PARTS LIST

Item No.	Part No.	Description	Qty. Req'd.
	471344	Gas Cap Assy. (Includes parts marked *)	
1	471327	* Gas Cap Body Assy.	1
2	427993	* Filter Disc	1
3	425087	* Gasket	1
4	427273	* Gasket Valve Body	1
5	427281	* "O" Ring	1
6	427276	* Body	1
7	427274	* Valve	1
8	427275	* Backing Plate	1
9	427280	* Spring	1
10	427279	* Stem	1
11	427994	* Filter	1
12	427278	* Cover	1
13	427277	* Bead Chain	1
14	427213	* Lock Spring	1
15	471357	Knob Assy.	1
16	427726	Retaining Ring	1
17	428340	Decal	1
18	427895	Air Filter Cover	1
19	471429	Air Filter Element	1
20	428204	Grommet	1
21	428345	Rear Handle (& Air Box)	1
22	304852	Screw (Rear Handle to C'case)	1
23	302948	Screw (Rear Handle to C'case)	3
24	427862	Fuel Hose (Tank to Filter)	1
25	305230	Screw (Bowl to Air Box)	1
26	471531	Fuel Filter Bowl Assy.	1
27	428010	Felt (See Footnote)	1
28	427369	Gasket	1
29	428011	Cover	1
30	306915	Screw	1
33	427888	Gasket	1
34	471710	Carburetor	1
35	428350	Fuel Hose (Filter to Carb.)	1
36	306370	Cotter Pin	1
37	427785	Screw (Carb. to Reed Body)	2
38	428081	● Stud (Blow Back Tube)	1

Item No.	Part No.	Description	Qty. Req'd.
39	471638	Blowback Tube Assy. (Includes parts marked ●)	1
41	428351	Throttle Link	1
42	427128	& Switch Button	1
43	471699	Switch Assy. (incl. pts. mkd. &)	1
44	428352	Grommet	1
45	471422	Switch Wire Assy.	1
46	426662	& Screw	1
47	470729	+ Exit Valve Assy. (incl. pts. mkd.▲)	1
48	308528	+ ▲"O" Ring - Exit Valve	1
49	427696	Throttle Trigger	1
50	309623	Retainer Clip	1
51	427865	Rear Handle Cover	1
52	428171	Spring - Throttle Lock	1
53	427815	Pin - Throttle Lock	1
54	307613	Screw - Cover to rear handle	2
	471421	Primer Assembly Complete (Includes parts marked +)	
55	427712	+ Button	1
56	427800	+ Spring - Primer Button	1
57	311835	Screw - Primer to Rear Handle	2
58	427860	+ Cover - Primer Pump	1
59	302437	+ Nut - Primer Body to Cover	2
60	426818	+ Cup	1
61	426815	+ Diaphragm	1
62	426926	+ Cup Washer	1
63	427715	+ Gasket	1
64	426821	+ Screw	1
65	312475	+ Screw Body to Cover	2
66	471503	+ Inlet Valve Housing Assy.	1
67	427863	Fuel Hose - Primer Intake	1
68	428013	Fuel Hose - Primer to C'case	1
69	308016	Roll Pin - Rear Handle	1
70	471352	+ Primer Body & Fitting Assy.	1
71	428344	Grommet Retainer	1
72	312811	Screw Carb. Grommet	1
73	428215	Screen	1
74	120052	Washer	2

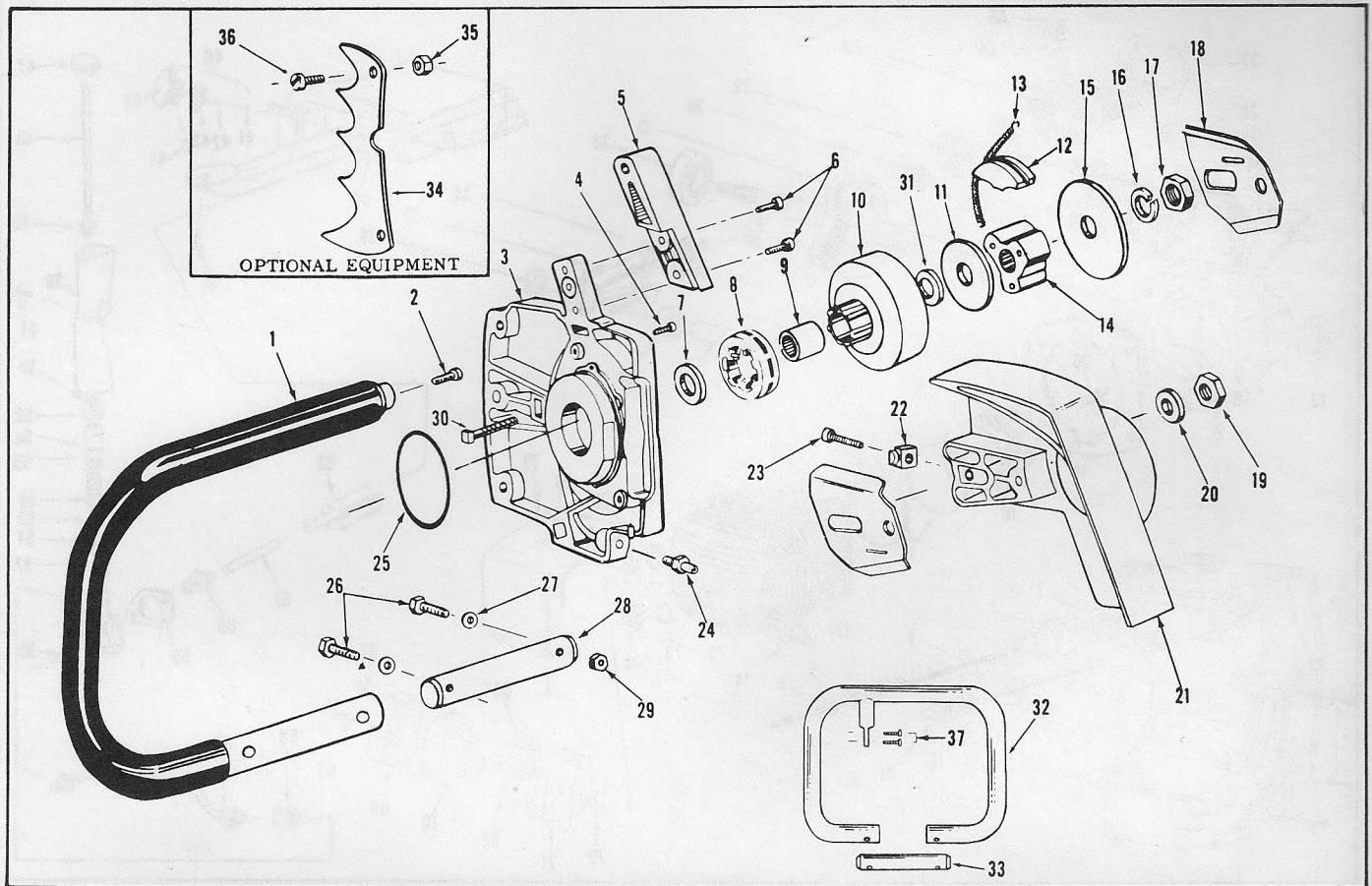




ENGINE PARTS LIST

Item No.	Ref. No.	Description	Qty. Req'd.	Item No.	Ref. No.	Description	Qty. Req'd.
1	471418	Fuel Tank Assy.	1	42	427690	†† Bead Chain	1
2	426826	Felt - Fuel Filter	1	43	427689	†† Gasket	1
3	426823	Primer Filter Body	1	44	427289	†† Pin	1
4	428003	Pickup Line	1	45	427688	†† Cap - Oil Filler	1
5	202612	"O" Ring	1	46	302948	Screw - Oil Tank to Rear Handle	1
6	428002	Nut - Primer Tube	1	47	427704	Button - Push Rod	1
8	470193	Pickup Head Assy.	1	48	428346	Push Rod	1
9	427857	Hose (Fuel Pickup)	1	49	427874	Bushing - Push Rod	1
10	427855	Gasket	1	50	427873	Oil Pump Cover	1
11	427856	Connector	1	51	307193	Screw	2
12	302948	Screw - 4 Fuel Tank to Brg. Carrier	6	52	427367	Washer	1
		1 Oil Tank to Fuel Tank		53	202755	Clip - Plunger Rod	1
		1 Oil Tank to Brg. Carrier		54	427360	"O" Ring - Oil Pump	1
13	551706	Screw - Fuel Tank to C'case	2	55	428343	Plunger - Oil Pump	1
14	428006	Spark Plug	1	56	428357	Spring - Oil Pump	1
15	471424	Cylinder Assy.	1	57	427876	Oil Pump Body	1
16	428127	@ Retainer (Reed Valve)	2	58	307613	Screw - Oil Pump to Tank	3
17	471656	Piston Ring Set	1	59	427861	Gasket	1
18	471657	Piston Assy.	1	60	427877	Body - Inlet Valve	1
19	427892	Gasket	1	61	428337	Hose - Oil Pick-up	1
20	426642	* Stud - Crankcase to Cylinder	4	62	471709	Oiler pick-up Assy.	1
21	471635	Crankcase Assy. (incl. pts. mkd. *)	1	63	428342	Spring - Ball	1
22	427656	Seal - Crankshaft	2	64	428341	Ball - Inlet Valve	1
23	471708	Reed Valve Assy. (incl. pts. mkd. @)	1	65	471529	Oil Line - Pump to Bar	1
24	428335	@ Screw (Reed to body)	2	66	428338	@ Needle (Idle Speed)	1
25	428336	@ Reed	1	67	305230	Screw - Muffler Cover	2
26	304598	@ "O" Ring	1	68	428169	Stud - Muffler to Cylinder	2
27	427885	@ Gasket - Reed Valve to C'case)	1	69	471612	Muffler Cover Assy.	1
28	309483	Screw (Reed Valve to C'case)	2	* 70	471774	Splitter Assy.	1
29	471428	Bearing Cage Assy.	1	71	471641	Muffler Body Assy.	1
30	471450	Needles - Crankshaft	1	72	428189	Gasket	1
31	427840	Crankshaft	1	73	306396	Lockwasher	4
32	428409	Flywheel Key	1	74	306397	Nut	4
33	427849	Main Bearing	2	75	471577	Inner Shroud Assy. (incl. pts. mkd. ▲)	1
34	471443	Connecting Rod Assy. (incl. pts. mkd. †)	1	76	426746	▲ Bumper - Inner Shroud	2
35	312688	† Cap Screw - Con. Rod	2	77	510278	Screw - Inner Shroud	2
36	427843	Retainer - Wrist Pin	2	78	426837	Spring Check Valve Body	1
37	427913	† Wrist Pin Bearing	1	79	426835	Stem Check Valve Body	1
38	427890	Wrist Pin	1	80	308528	"O" Ring Check Valve Body	1
39	471649	Oil Tank & Rear Handle Assy.	1	81	427981	Check Valve Body	1
40	471511	Oil Filler Cap Assy. (incl. pts. mkd. ††)	1	82	428279	Spacer - Long	1
41	427976	†† Retaining Hook	1	83	313217	Screw - Muffler Cover to Body	1
				84	471478	Outlet Valve Assy.	1

\* As Option - 428573 Baffle Plate



CLUTCH PARTS LIST

Item No.	Ref. No.	Description	Qty. Req'd.
1	471447	Front Handle Assy.	1
2	304606	Screw - Plug	1
3	471634	Bearing Carrier Assy.	1
4	302948	Screw - Brg. Carrier to C'case	6
5	427778	Front Handle Bracket	1
6	304606	Screw - Handle Bracket to Bar Pad	2
7	425015	Washer	1
8	471563	Segment - Sprocket	1
9	425091	● Bearing	1
10	471401	Clutch Drum Assy. (incl. pts. mkd. ●)	1
11	427915	Clutch Plate	1
12	427187	Clutch Shoe	3
13	426964	Clutch Spring	1
14	471576	Clutch Driver	1
15	427916	Clutch Cover	1
16	120177	Washer	1
17	427181	Nut (R.H. Clutch)	1
18	425674	Guide Plate	2
19	425031	Nut - Strut	2

Item No.	Ref. No.	Description	Qty. Req'd.
20	427980	Washer Strut	1
21	471416	Strut Assy. (incl. pts. mkd. *)	1
22	425672	* Pin - Chain Adjustment	1
23	202190	* Screw - Chain Adjustment	1
24	428001	Fitting - Oiler Tube	1
25	427889	"O" Ring	1
26	303459	Bolt - Front Handle	2
27	306396	Washer - Front Handle	2
28	427894	Plug - Bottom	1
29	427170	Nut - Front Handle	1
30	427659	Guide Bar Bolt	2
31	428164	Thrust Washer - Clutch	1
32	471547	Full Wrap Handle Assy.	1
33	428027	Plug Handle (Full wrap)	1
34	471546	Pivot Grip (incl. pts. mkd. ▲)	1
35	427170	▲ Nut	2
36	130491	▲ Screw	2
37	305230	Screw (Full Wrap Only)	2