

25 CENTS



**PIONEER**

**CHAIN SAWS**

**ILLUSTRATED  
PARTS  
CATALOGUE**

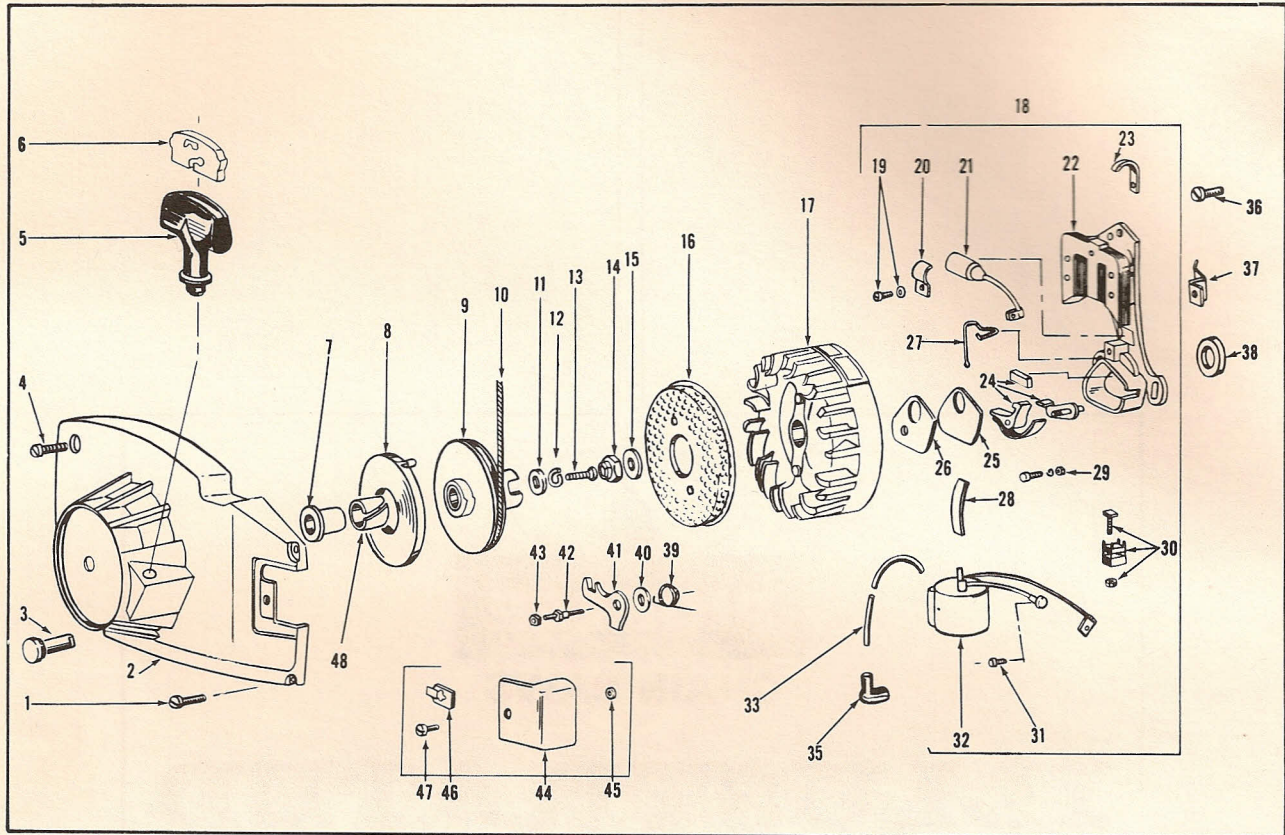
PIONEER SAWS, PETERBOROUGH, ONTARIO, CANADA;  
LINCOLN, NEBRASKA, U.S.A.

LITHO U.S.A.

**MODEL  
15-20**

PART NO. 430260 11-72



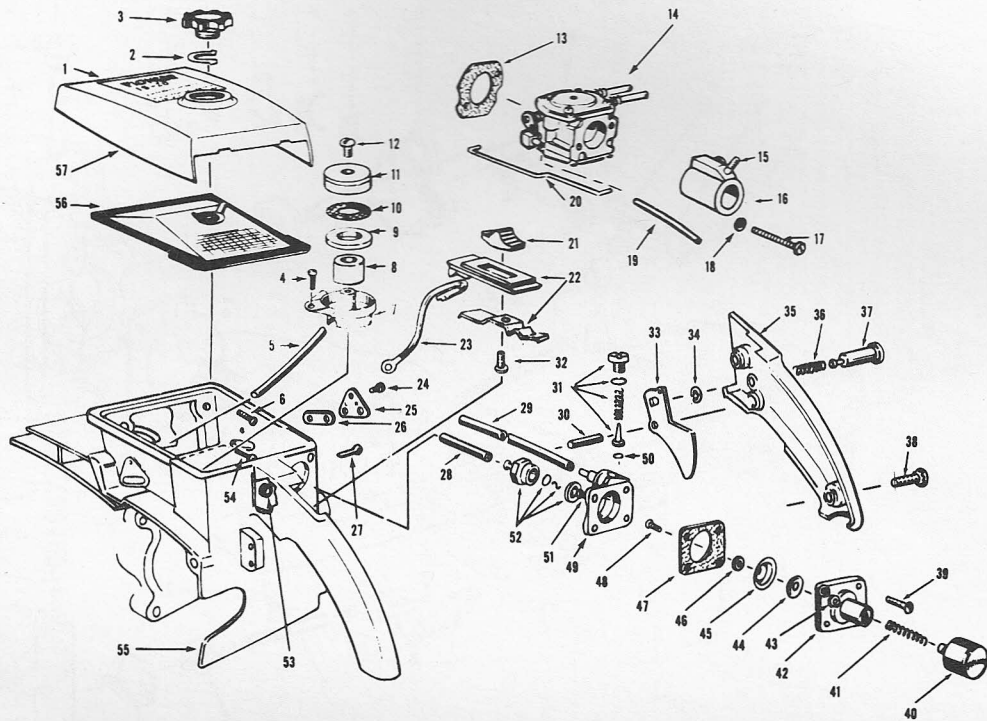


**STARTER & MAGNETO**

Item No.	Part No.	Description	Qty. Req'd.
1	510397	Screw - Blower Cover	3
2	471448	Blower Cover Assembly (includes parts marked *)	1
3	428104	* Starter Shaft	1
4	311834	Screw - Blower Cover to Ign. Carrier	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 Assembly	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 Assembly	1
18	471590	Stator Assembly (includes parts marked x)	1
19	425948	x Clamp Screw Assembly	1
20	427754	x Condenser Clamp	1
21	471354	x Condenser Assembly	1
22	427752	x Stator Plate & Core	1
23	428106	x Clip	1

Item No.	Part No.	Description	Qty. Req'd.
24	471500	x Breaker Point Set with Felt	1
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 Assembly	1
30	471364	x Terminal Connection Unit	1
31	427749	x Coil Ground Screw	1
32	471365	x Coil Assembly	1
33	427926	x High Tension Wire	1
35	580339	Sparky Assembly	1
36	304605	Screw - Stator to Ign. Carrier	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	Inspection Cover Assembly (includes parts marked ●)	1
45	427968	● Washer - inspect. cover	1
46	428445	● Speed Nut	1
47	427965	● Screw	1
48	428444	Bearing Liner - nylon	1

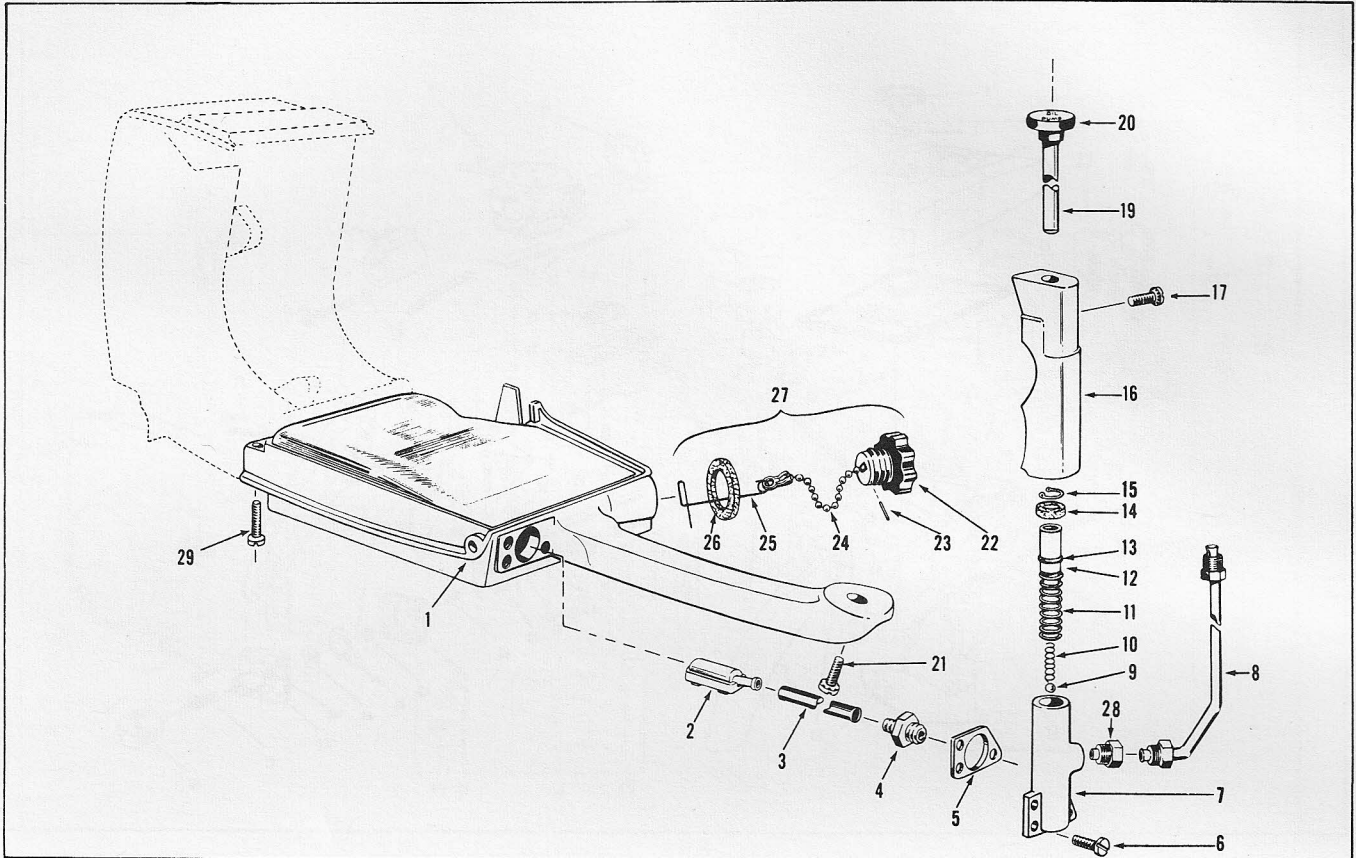




### REAR HANDLE AND AIR BOX ASSEMBLIES

Item No.	Part No.	Description	Qty. Req'd.
1	428521	Decal - 15-20	1
2	427726	Retaining Ring	1
3	471357	Knob Assembly	1
4	305230	Screw (Bowl to Air Box)	1
5	428400	Fuel Hose (Tank to Filter)	1
6	302948	Screw (Rear Handle to C'case)	3
7	471531	Fuel Filter Bowl Assembly	1
8	428010	Filter Felt	1
9	427369	Gasket	1
10	428215	Screen	1
11	428011	Cover	1
12	306915	Screw	1
13	427888	Gasket	1
14	471710	Carburetor Assembly	1
15	428081	● Stud (Blowback Tube)	1
16	471571	Blowback Tube Assembly (includes parts marked ●)	1
17	427785	Screw (Carburetor to Reed Body)	2
18	120052	Washer	2
19	428350	Fuel Hose (Filter to Carburetor)	1
20	428351	Throttle Link	1
21	427128	* Switch Button	1
22	471699	Switch Assembly (includes parts marked *)	1
23	471422	Switch Wire Assembly	1
24	312811	Screw - Carburetor Grommet	1
25	428344	Grommet Retainer	1
26	428204	Grommet	1
27	306370	Cotter Pin	1
28	427863	Fuel Hose - Primer Intake	1

Item No.	Part No.	Description	Qty. Req'd.
29	428013	Fuel Hose - Primer to C'case	1
30	308016	Roll Pin - Rear Handle	1
31	470729	Exit Valve Assembly (includes parts marked ▲)	1
32	426662	* Screw	1
33	427696	Throttle Trigger	1
34	309623	Retainer Clip	1
35	427865	Rear Handle Cover	1
36	428171	Spring - Throttle Lock	1
37	427815	Pin - Throttle Lock	1
38	307613	Screw - Cover to Rear Handle	1
39	311835	Screw - Primer to Rear Handle	2
40	427712	Button - Primer	1
41	427800	Spring	1
42	427860	Cover - Primer	1
43	302437	Nut	2
44	426818	Cup	1
45	426815	Washer	1
46	426926	Cup Washer	1
47	427715	Gasket	1
48	426821	Screw	1
49	471352	Primer Body and Fitting Assembly	1
50	308528	▲ "O" Ring - Exit Valve	1
51	312475	Screw - Body to Cover	2
52	471503	Inlet Valve Housing Assembly	1
53	428352	Grommet	1
54	304852	Screw (Rear Handle to C'case)	1
55	428345	Rear Handle and Air Box	1
56	471429	Air Filter Element	1
57	428501	Air Filter Cover	1

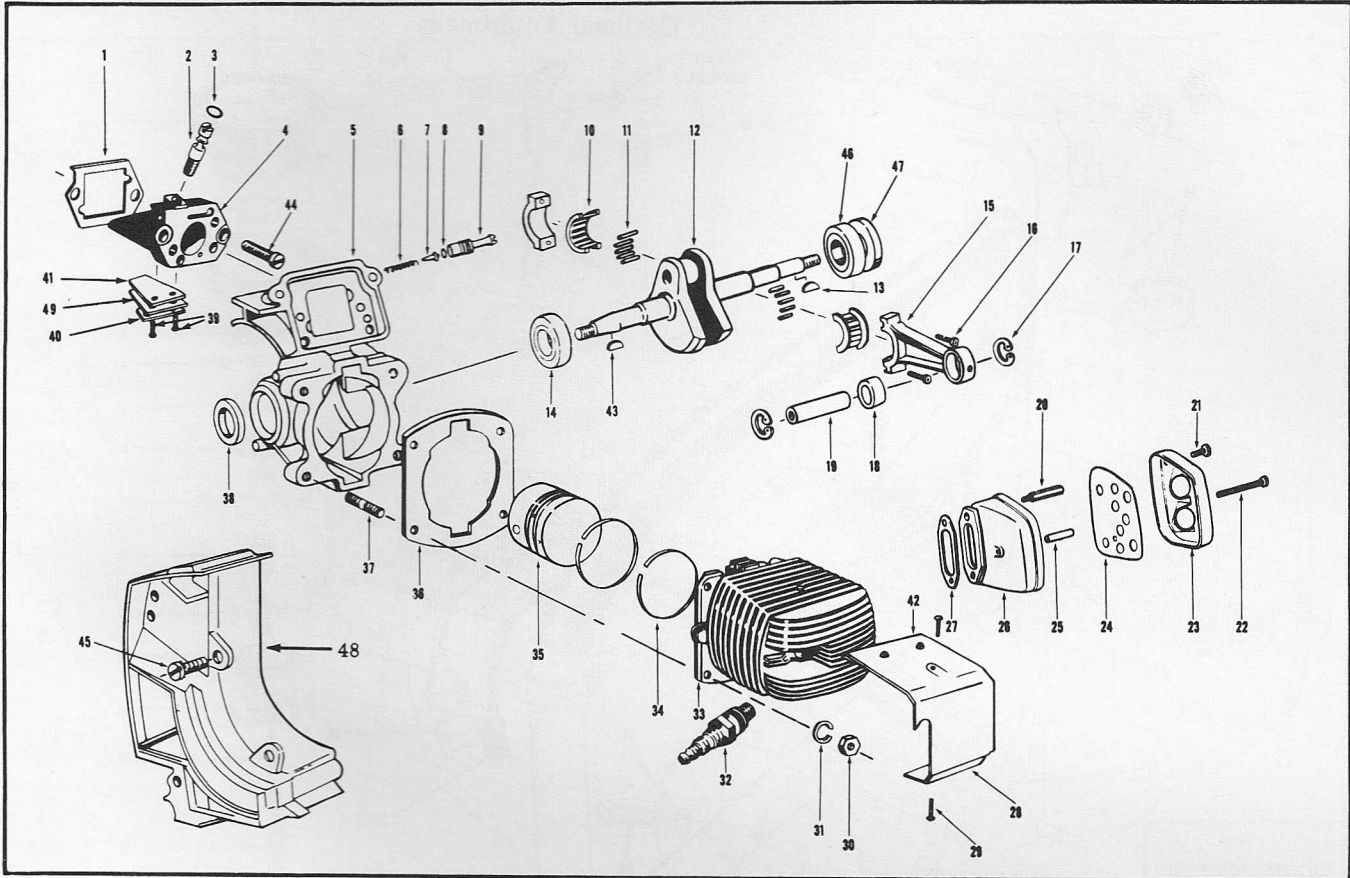


**PICK-UP ASSEMBLIES**

Item No.	Part No.	Description	Qty. Req'd.
1	471649	Oil Tank & Rear Handle Assy.	1
2	471709	Oiler Pick-up Assembly	1
3	428337	Hose - Oil Pick-Up	1
4	427877	Body - Inlet Valve	1
5	427861	Gasket	1
6	307613	Screw - Oil Pump to Tank	3
7	427876	Oil Pump Body	1
8	471529	Oil Line - Pump to Bar	1
9	428341	Ball - Inlet Valve	1
10	428342	Spring - Ball	1
11	428357	Spring - Oil Pump	1
12	428343	Plunger - Oil Pump	1
13	427360	"O" Ring - Oil Pump	1
14	427367	Washer	1
15	202755	Clip - Plunger Rod	1

Item No.	Part No.	Description	Qty. Req'd.
16	471479	Oil Pump Cover Assembly	1
17	307193	Screw	2
19	428346	Push Rod	1
20	427704	Button - Push Rod	1
21	302948	Screw - Oil Tank to Rear Handle	1
22	427688	* Cap - Oil Filler	1
23	427289	* Pin	1
24	427690	* Bead Chain	1
25	427976	* Retaining Hook	1
26	427689	* Gasket	1
27	471511	Oil Filler Cap Assembly (includes parts marked *)	1
28	471478	Outlet Valve Assembly	1
29	302948	Screw - Oil Tank to Gearcase	2

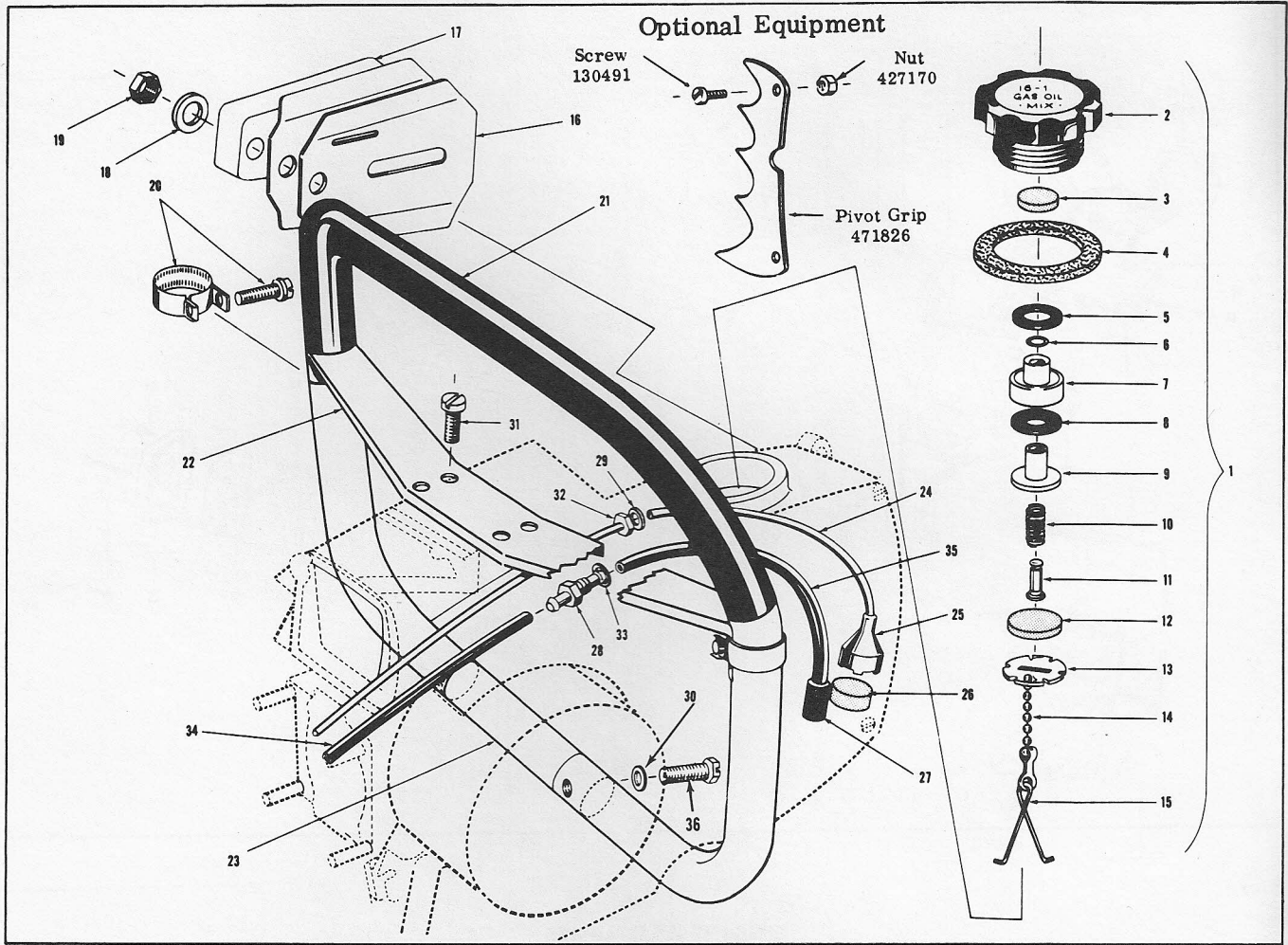




**ENGINE ASSEMBLIES**

Item No.	Part No.	Description	Qty. Req'd.
1	427885	* Gasket - Reed Valve to C'case	1
2	428338	* Needle - Idle Speed	1
3	304598	* "O" Ring	1
4	471708	Reed Valve Assembly (includes parts marked *)	1
5	471635	Crankcase Assembly (includes parts marked x)	1
6	426837	Spring - Check Valve Body	1
7	426835	Stem - Check Valve Body	1
8	308528	"O" Ring - Check Valve Body	1
9	427981	Check Valve Body	1
10	471428	Bearing Cage Assembly	1
11	471450	Needles - Crankshaft	1
12	428520	Crankshaft	1
13	428407	Key - Driving Side	1
14	427849	Main Bearing	2
15	471443	Con. Rod Assembly (includes parts marked ●)	1
16	312688	● Cap Screw - Con. Rod	2
17	427843	Retainer - Wristpin	2
18	428510	● Wristpin Bearing	1
19	427890	Wristpin	1
20	428169	Stud - Muffler to Cylinder	1
21	305230	Screw - Muffler to Cover	2
22	313217	Screw - Muffler Cover to Body	1
23	471612	Muffler Cover Assembly	1

Item No.	Part No.	Description	Qty. Req'd.
24	428573	Baffle Plate	1
25	428279	Spacer	1
26	471641	Muffler Body Assembly	1
27	428189	Gasket	1
28	471577	Inner Shroud Assembly (includes parts marked Δ)	1
29	510278	Screw (Inner Shroud)	2
30	306397	Nut	4
31	306396	Lockwasher	4
32	428586	Spark Plug	1
33	471424	Cylinder Assembly	1
34	471656	Piston Ring Set	1
35	471657	Piston Assembly	1
36	428371	Gasket	1
37	426642	x Stud - Crankcase to Cylinder	4
38	427656	Seal - Crankshaft	2
39	428335	* Screw (Reed to Body)	2
40	428127	* Retainer (Reed Valve)	1
41	428336	* Reed	1
42	426746	Δ Bumper - Inner Shroud	2
43	428409	Flywheel Key	1
44	309483	Screw - Reed Valve to Crankcase	2
45	551706	Screw - Ignition Carrier to Crankcase	2
46	425066	Bearing - Crankshaft	1
47	425076	Seal - Crankshaft	1
48	428283	Ign. Carrier & Bridge Piece	1
49	428246	Reed Stiffener	1

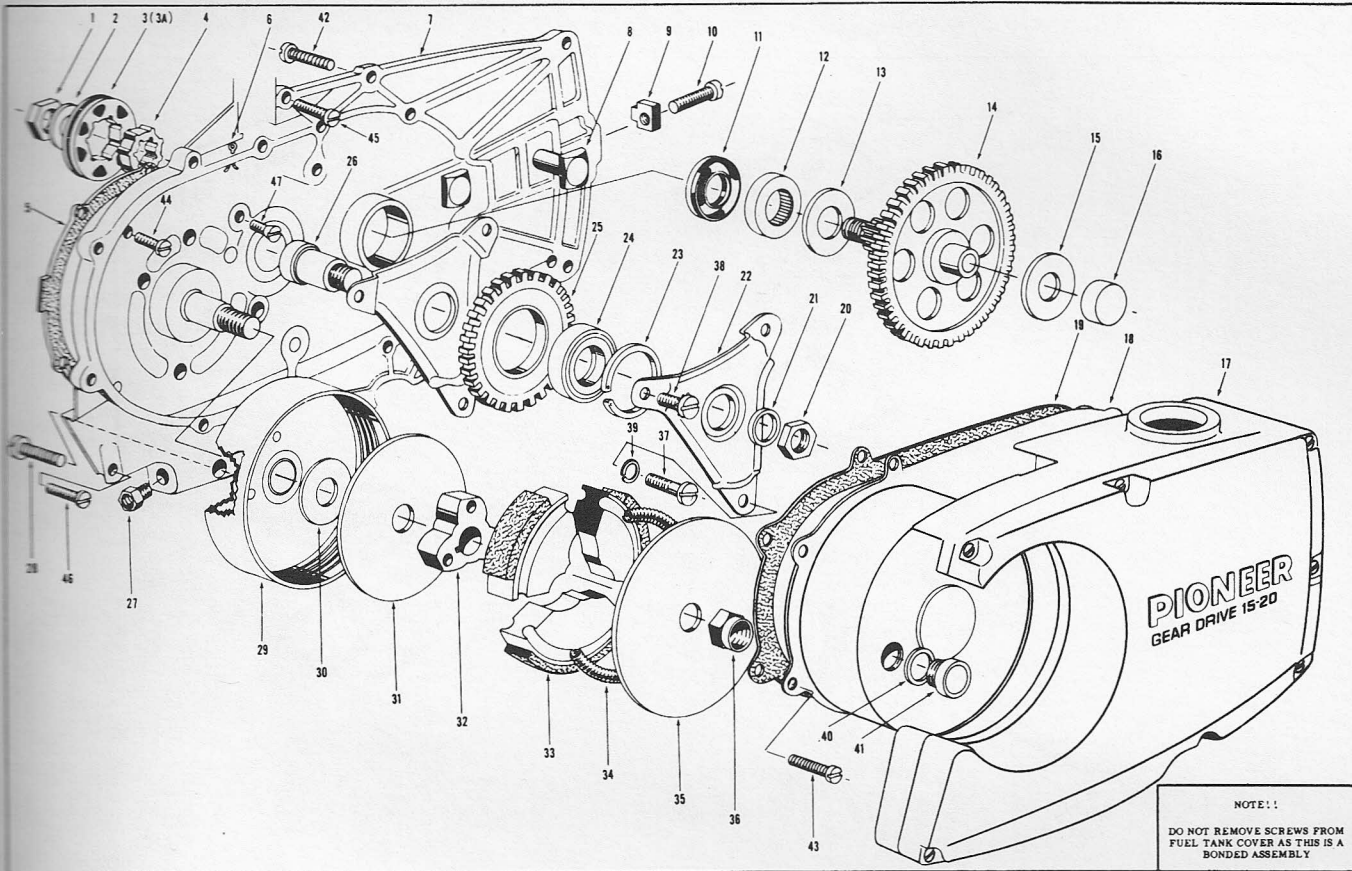


**FRONT HANDLE AND GAS TANK ASSEMBLIES**

Item No.	Part No.	Description	Qty. Req'd.
1	471344	Gas Cap Assembly (includes parts marked *)	1
2	471327	* Gas Cap Body Assembly	1
3	427993	* Filter Disc	1
4	425087	* Gasket	1
5	427273	* Gasket	1
6	427281	* "O" Ring	1
7	427276	* Body	1
8	427274	* Valve	1
9	427275	* Backing Plate	1
10	427280	* Spring	1
11	427279	* Stem	1
12	427994	* Filter	1
13	427278	* Cover	1
14	427277	* Bead Chain	1
15	427213	* Lock Spring	1
16	428323	Guide Plate	2
17	428301	Bar Clamp Pad	1

Item No.	Part No.	Description	Qty. Req'd.
18	425116	Washer - Strut Bolt	2
19	425031	Nut - Strut Bolt	2
20	471762	Clamp - Handle to Bracket	2
21	471682	Front Handle Assembly	1
22	471734	Front Handle Bracket Assembly	1
23	428328	Plug - Front Handle	1
24	428401	Fuel Pick-up Line	1
25	426823	Primer - Filter Body	1
26	426826	Fuel Filter Felt	1
27	470986	Pick-up Head	1
28	427856	Fitting - Fuel Pick-up	1
29	202612	"O" Ring	1
30	306396	Washer - Front Handle	2
31	303311	Screw - Bracket to Gearcase	4
32	428002	Nut - Primer Tube	1
33	427855	Gasket - Fitting - Tank	1
34	428400	Hose - Tank to Filter	1
35	428399	Hose - Fuel Pick-up	1
36	303459	Screw - Front Handle	2

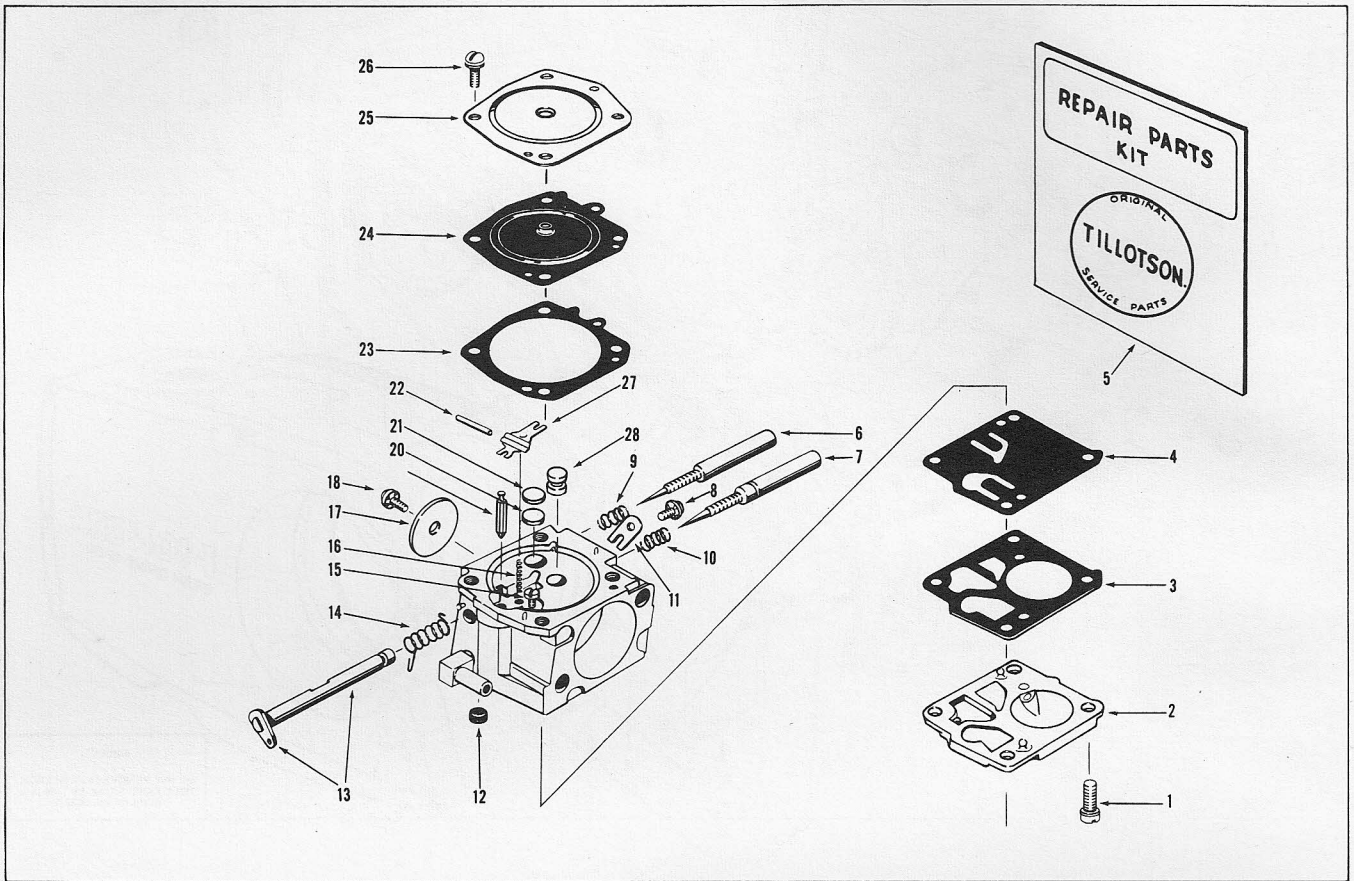




**GEARCASE AND TRANSMISSION**

Item No.	Part No.	Description	Qty. Req'd.
1	427181	Nut - Output Shaft	1
2	428511	Washer - Output Shaft	1
3	428568	1/2" Pitch Sprocket - 7 Tooth	1
3A	427387	7/16" Pitch Sprocket - 7 Tooth	1
4	428509	Sprocket Adaptor	1
5	428319	Gasket - Gearcase to Crankcase	1
6	306370	Cotter Pin	1
7	471799	Gearcase and Bar Pad Assembly	1
8	428306	Bolt - Guide Bar	2
9	425672	Chain Adj. Pin	1
10	202190	Chain Adj. Screw	1
11	425076	Seal	1
12	428324	Bearing - Large - Output Shaft	1
13	428305	Washer - Large	1
14	428303	Output Shaft	1
15	428304	Washer - Small	1
16	428300	Roller Bearing - Small	1
17	471683	Fuel Tank Assembly	1
18	428286	Gearcase Cover	1
19	428287	Gasket Gearcase Cover	1
20	428391	Nut - Idler Spindle	1
21	428411	Washer - Idler Spindle	1
22	428387	Plate - Gear Ret.	2
23	428390	Retaining Ring	1

Item No.	Part No.	Description	Qty. Req'd.
24	428389	Bearing	1
25	428392	Gear	1
26	428388	Idler Spindle	1
27	428001	Fitting	1
28	307152	Screw - Fuel Tank to Gearcase	1
29	471680	Clutch Drum Assembly c/w Bearing	1
30	428291	Washer - Clutch Thrust	1
31	427491	Ret. Plate - Inside Clutch	1
32	427175	Clutch Driver	1
33	471681	Clutch Shoe Assembly	3
34	426964	Garter Spring	2
35	427486	Ret. Plate	1
36	427181	Nut - Clutch	1
37	428412	Screw - Idler Assy. to Gearcase	1
38	309330	Screw - Idler Assy. to Gearcase	2
39	306396	Washer - Idler Assy. to Gearcase	3
40	428314	Gasket - Oil Plug	1
41	428322	Oil Plug - Gearcase Cover	1
42	303699	Screw - Fuel Tank to Gearcase	1
43	510397	Screw - Cover to Gearcase	12
44	302948	Screw - Gearcase to Crankcase	4
45	510397	Screw - Gearcase to Ignition Carrier	1
46	307196	Screw - Gearcase to Ignition Carrier	1
47	307163	Screw - Gearcase to Crankcase	2



**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

\* Indicates contents of Repair Parts Kit