

35 CENTS

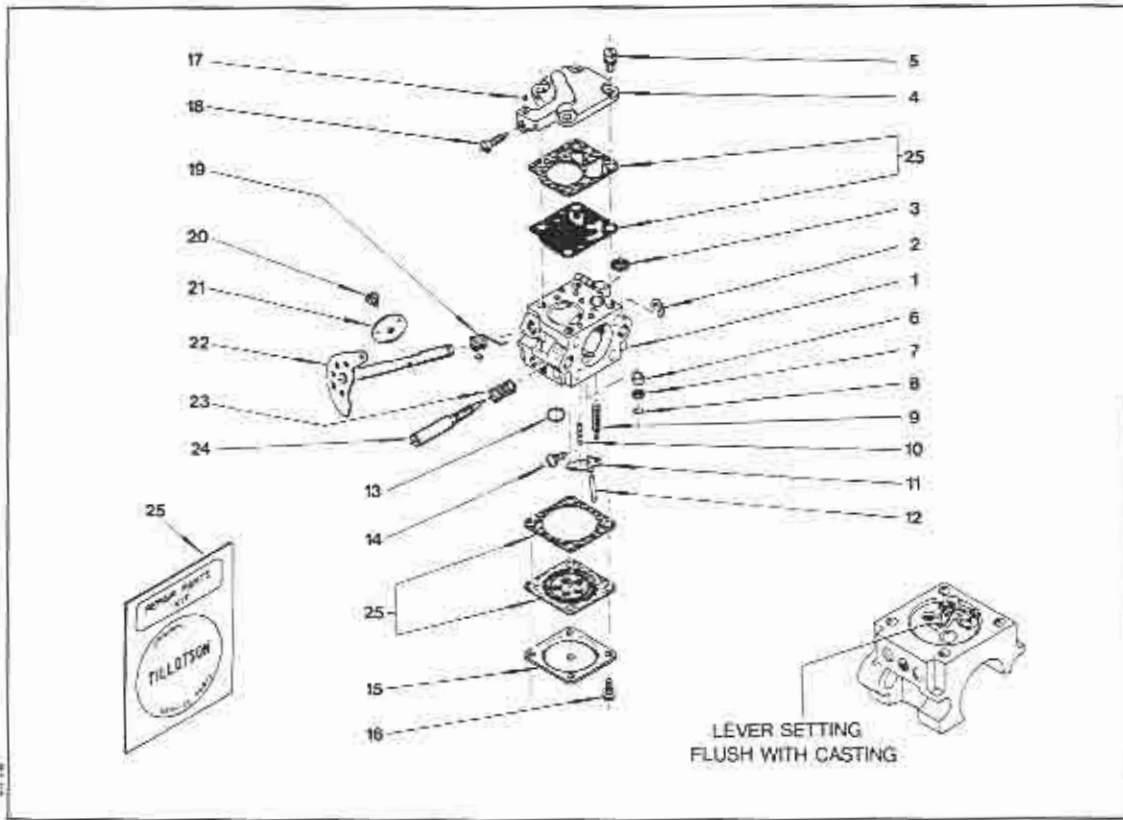


ILLUSTRATED PARTS CATALOGUE

**models
P20 & P25**
FINAL EDITION

PART NO. 430452 REPRINTED APRIL '80

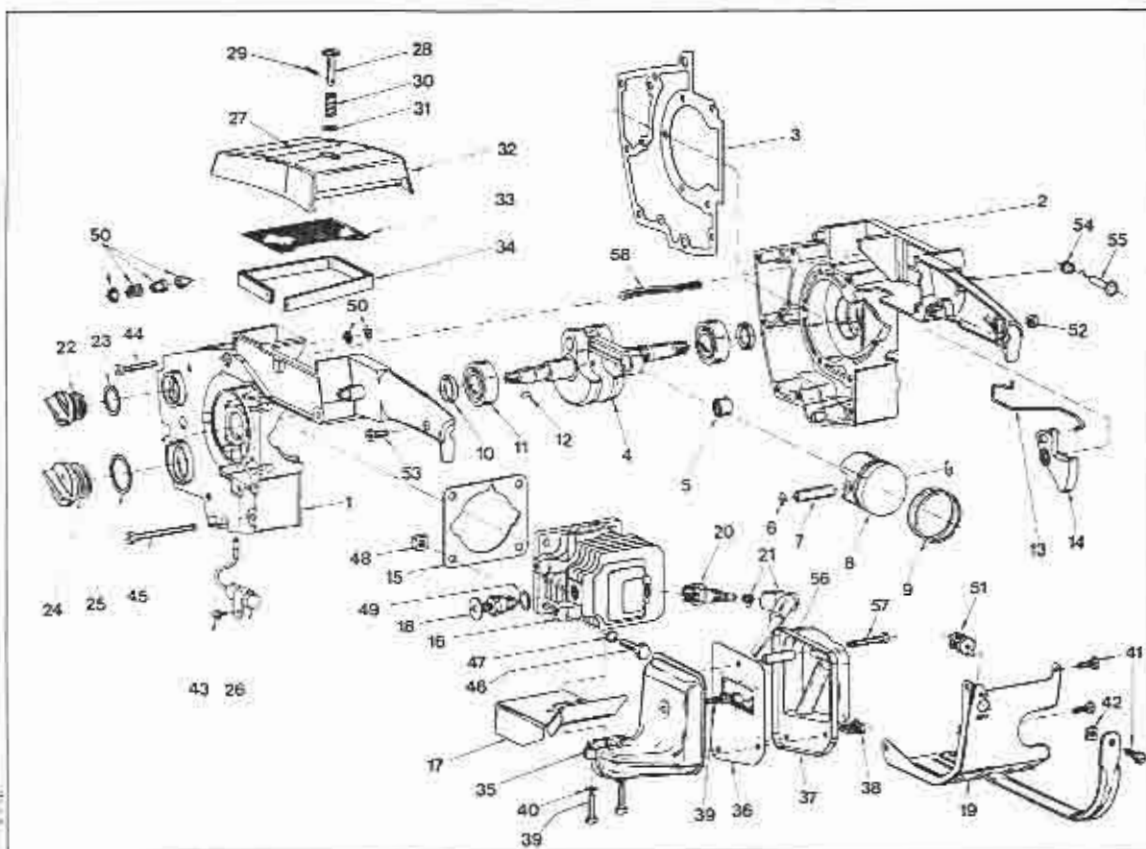




PIONEER MODELS P20, P25

REF. NO.	PART NO.	NAME OF PART	QTY. PER ASSY.	REF. NO.	PART NO.	NAME OF PART	QTY. PER ASSY.
1	423830	Carburetor Assembly Complete	1	*11	427962	Screw, 4-40 x 5/16 Oval Hd	1
2	430261	"E" Ring	1	15	430289	Cover, Diaphragm	1
*3	427951	Screen	1	16	426745	Screw & Lockwasher, 4-40 x 1/4 RD HD	4
4	430298	Cover, Pump	1	17	430285	Ball 3/32 DIA Nylon	1
5	430296	Screw & Lockwasher, 16-32 x 5/16 FFL HD	4	*18	430301	Screw, Idle Speed Regulating	1
6	430302	Cage, Main Fuel - Orifice & Nozzle	1	*19	430299	Spring, Throttle Return	1
7	423942	Screen	1	*20	430250	Screw & Lockwasher, 4-40 x 3/16 RD HD	1
8	127943	Ring, Retamer	1	31	430898	Shutter, Throttle	1
9	427952	Needle, Inlet	1	22	423959	Throttle Shaft & Lever Assy	1
*10	430295	Spring, Tension	1	*23	425449	Spring Adjusting Screw	1
*11	430297	Lever, Inlet Valve Control	1	74	430100	Screw, Idle Adjustment	1
*12	430295	Pin, Fulcrum	1	*25	474800	Diaphragm & Gasket Set	1
*13	430294	Plug, 3/32 Dia. Welch	1				

* NOTE: Parts included in repair parts kit part no. 473960



PIONEER MODELS P20, P25

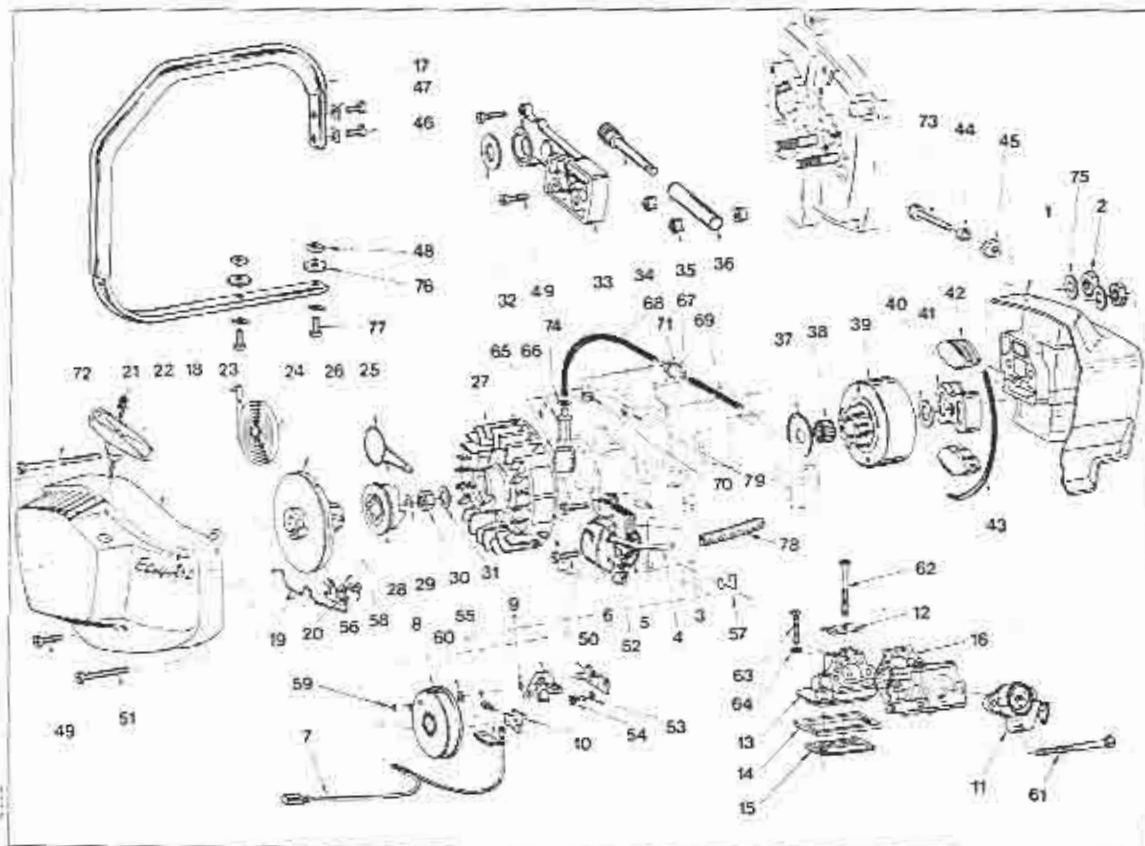
REF. NO.	PART NO.	NAME OF PART	QTY. PER ASSY.	REF. NO.	PART NO.	NAME OF PART	QTY. PER ASSY.
1	474613	Crankcase Half Assy., Mag. Side	1	31	430132	Washer, Air Filter Cover	1
2	474423	Crankcase Half Assy., Strout Side	1	32	430445	Air Filter Cover	1
3	430442	Gasket, Crankcase	1	33	430523	Air Filter Element	1
4	474535	Crankshaft & Control Assy	1	34	430519	Sealing Strip, Air Filter Cover	1
5	427662	Bearing, Wristpin	1	35	429567	Muffler Body	1
6	427671	Retainer, Wristpin	2	36	473916	Baffle & Screen Assy.	1
7	429216	Wristpin	1	37	474419	Cover, Muffler	1
8	474576	Piston Assembly	1	38	307193	Screw, Muffler Cover	2
9	473155	Piston Ring Set	1	39	510195	Screw, Muffler to cylinder	3
10	428746	Oil Seal	2	40	306546	Lockwasher, Muffler to cylinder	2
11	427849	Main Bearing	2	41	306386	Screw, Cylinder Shroud to C-Case	2
12	430589	Key, Flywheel	1	42	306542	Screw, Handle Brace	1
13	430119	Throttle Link	1	43	311516	Nut, Handle Brace	1
14	427696	Throttle Trigger	1	44	311516	Screw, Condenser to Crankcase	1
15	429262	Gasket, Cylinder	1	45	307190	Screw, Crankcase Halves	12
16	430398	Cylinder	1	46	316131	Screw, Cylinder Shroud to C-Case	1
17	429109	Muffler Shroud	1	47	300635	Screw, Cylinder Base	4
18	473524	Decompression Valve Assy	1	48	306985	Lockwasher, Cylinder Base	4
19	474605	Cylinder Shroud	1	49	515381	Nut, Cylinder Base	4
20	428601	Spark Plug (E16)	1	50	429702	Washer, Decompression Valve	1
21	560119	Sparky Cover Assembly	1	51	473589	Air Vent Valve (packaged)	1
22	473770	Oil Cap Assy	1			Prior to serial no. 908682	
23	310585	O' Ring - Oil Cap	1		474258	Air Vent Valve (packaged)	1
24	473769	Gas Cap Assy	1			After serial no. 908682	
25	308624	O' Ring - Gas Cap	1	52	474965	Grounding Switch	1
26	473161	Condenser Assembly	1	53	306531	Nut, Rear Handle	1
27	470474	Decal Air Filter Cover(P20 only)	1	54	307135	Screw, Rear Handle	1
27	470475	Decal Air Filter Cover(P25 only)	1	55	429650	Grommet, Choke Knob	1
*	474415	Air Filter Cover Assy	1	56	410113	Choke Knob	1
28	430111	Pin, Air Filter Cover	1	57	430419	Spacer - Muffler	1
29	309301	Roll Pin, Air Filter Cover	1	58	319430	Screw - Muffler	1
30	430135	Spring, Air Filter Cover	1		429527	Hose - Fuel Vent	1

* NOT SHOWN

The Pioneer P25 is equipped with the Pioneer 16" Roller Nose Bar Part No. 473251 and Pioneer 1/8" Pitch Duroguard Chain Part No. 473881. Optional Bars & Chain can be purchased through your local Pioneer Dealer.

The Pioneer Model P-20 is equipped with the Pioneer 14" Bar Part No. 473024 and Pioneer 3/8 Pitch Duroguard Chain Part No. 473877. Optional Bars & Chain can be purchased through your local Pioneer Dealer.

REFER TO PART NAMES INDICATED THAT THESE PARTS ARE INCLUDED IN THE PRICE LISTED.
 ORDER ALL PARTS FROM YOUR LOCAL AUTHORIZED DEALER.



PIONEER MODELS P20, P25

REF. NO.	PART NO.	NAME OF PART	QTY. PER ASSY.	REF. NO.	PART NO.	NAME OF PART	QTY. PER ASSY.
1	474418	Strut Assembly	1	42	479251	Clutch Shoe	2
2	425011	Nut, strut	2	43	426064	Garner Spring	1
3	473341	Core Assembly	1	44	429637	Chain Adjuster, Stop Chain	1
4	427745	H. T. Lead	1			Tensioner	1
5	473340	Cool with H. T.	1	45	425672	Spring, Chain Adj., Pin, Chain	1
6	429422	Retainer	1			Tensioner	1
7	473627	Switch Wire Assembly	1	46	510338	Screw, Front Handle	2
8	429929	Ignition Cover	1	47	429472	Washer, Front Handle	4
9	473750	Brake Point Set with Wiper	1	48	306542	Nut, Front Handle	2
10	429925	Terminal Block	1	49	510195	Screw, Bar Pad to Crankcase	1
11	473858	Blowback Tube & Choke Assy	1			Screw, Blower Cover to C'Case	1
12	430110	Bracket, Air Filter Cover	1	50	309483	Screw, Cool Lamination	2
*	473865	Insulating Block Assy. Complete	1	51	318521	Screw, Blower Cover to C'Case	7
13	430105	Insulating Block	1	52	300154	Washer, Lamination	1
14	429405	Seal Insulating Block	1	53	103497	Washer, Base Breaker Plate	1
15	430102	Gasket - Cyl. to Intake	1	54	429929	Screw, Base Breaker Plate	1
16	430103	Gasket - Insulating Bl. to Carb	1	55	429266	Screw, Terminal	1
17	474571	Front Handle Assembly	1	56	309467	Screw, Decompression Valve	2
18	474420	Blower Cover Assy	1	57	410052	Clip Assy. H.T. Lead	1
19	429573	Lever, Decompression Valve	1	58	308507	Washer, Decompression	1
20	429573	Spring, Lever	1	59	202755	Retaining Ring, Breaker Pin	1
21	429278	Starter Rope	1	60	429927	Seal, Breaker Housing	1
22	429549	Starter Handle	1	61	318521	Screw, Carburetor	2
23	430514	Decal "Easy" Arc	1	62	316781	Screw, Insulating Block	1
24	604257	Starter Spring	1	63	103879	Screw, Insulating Block	1
25	473637	Yoke Assy	1	64	305863	Washer, Insulating Block	1
26	430609	Starter Pulley	1	65	410885	Frjt-Pickup	1
27	473160	Flywheel Assembly	1	66	474397	Fuel Pickup Assembly	1
28	429892	Pinion	1	67	473772	Connector Assy. - Pickup Head to Tank Wall	1
29	429246	Retaining Ring	1			Tank Wall	1
30	404837	Nut, Flywheel	1	68	429677	Fuel Line - Pickup Head	1
31	429811	Washer, Flywheel	1	69	429970	Fuel Line - Tank to Carb	1
32	427917	Seal Washer	1	70	430545	Clamp Fuel Pickup	2
33	430352	Bar Pad	1	71	305857	O' Ring Connector	1
34	473166	Plunger Assembly Oil Pump	1	72	430444	Screw, Blower Cover to C'Case	1
35	429274	Spacer, Oil Pump	1	73	201767	Screw, Chain Tensioner	1
36	473869	Pump Assembly Oil Pump	1	74	302474	Washer - Pickup	1
37	429672	Thrust Washer, Inner Clutch	1	75	306453	Washer	2
38	429326	Bearing, Clutch	1	76	308279	Washer, handle to crankcase	2
39	474447	Sprocket & Clutch	1	77	306286	Screw, Front Handle	2
40	429252	Thrust Washer, Outer Clutch	1	78	430694	Sleeve, H. T. Lead	1
41	479250	Clutch Driver	1	79	430104	Sleeve, Low Speed Adjustment	1

* NOT SHOWN

*MOUNTING POINT MARKS INDICATE THAT THESE PARTS ARE INCLUDED IN PRICE OF THE ASSSEMBLY.
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