

25 CENTS



PIONEER

CHAIN SAWS

**ILLUSTRATED
PARTS
CATALOGUE**

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

LITHO U.S.A.

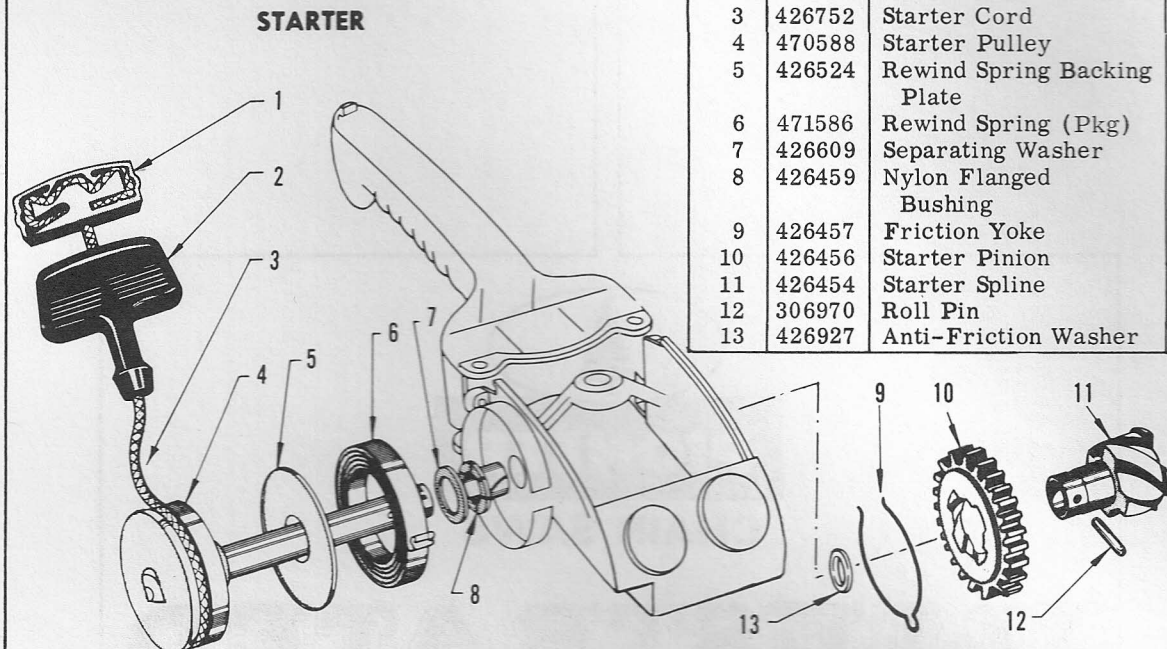
**MODEL
550**

PART NO. 430248 11-72

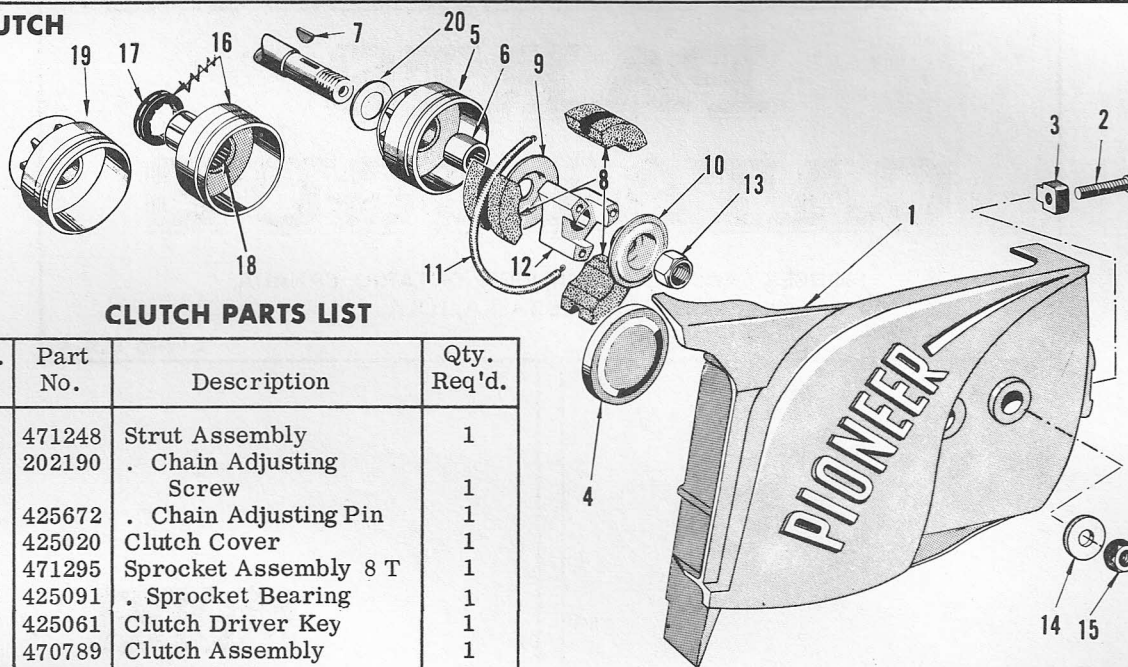
MODEL 550

STARTER PARTS LIST

Ref. No.	Part No.	Description	Qty. Req'd.
1	304323	Cord Anchor	1
2	602773	Starter Handle	1
3	426752	Starter Cord	1
4	470588	Starter Pulley	1
5	426524	Rewind Spring Backing Plate	1
6	471586	Rewind Spring (Pkg)	1
7	426609	Separating Washer	1
8	426459	Nylon Flanged Bushing	1
9	426457	Friction Yoke	1
10	426456	Starter Pinion	1
11	426454	Starter Spline	1
12	306970	Roll Pin	1
13	426927	Anti-Friction Washer	1



CLUTCH



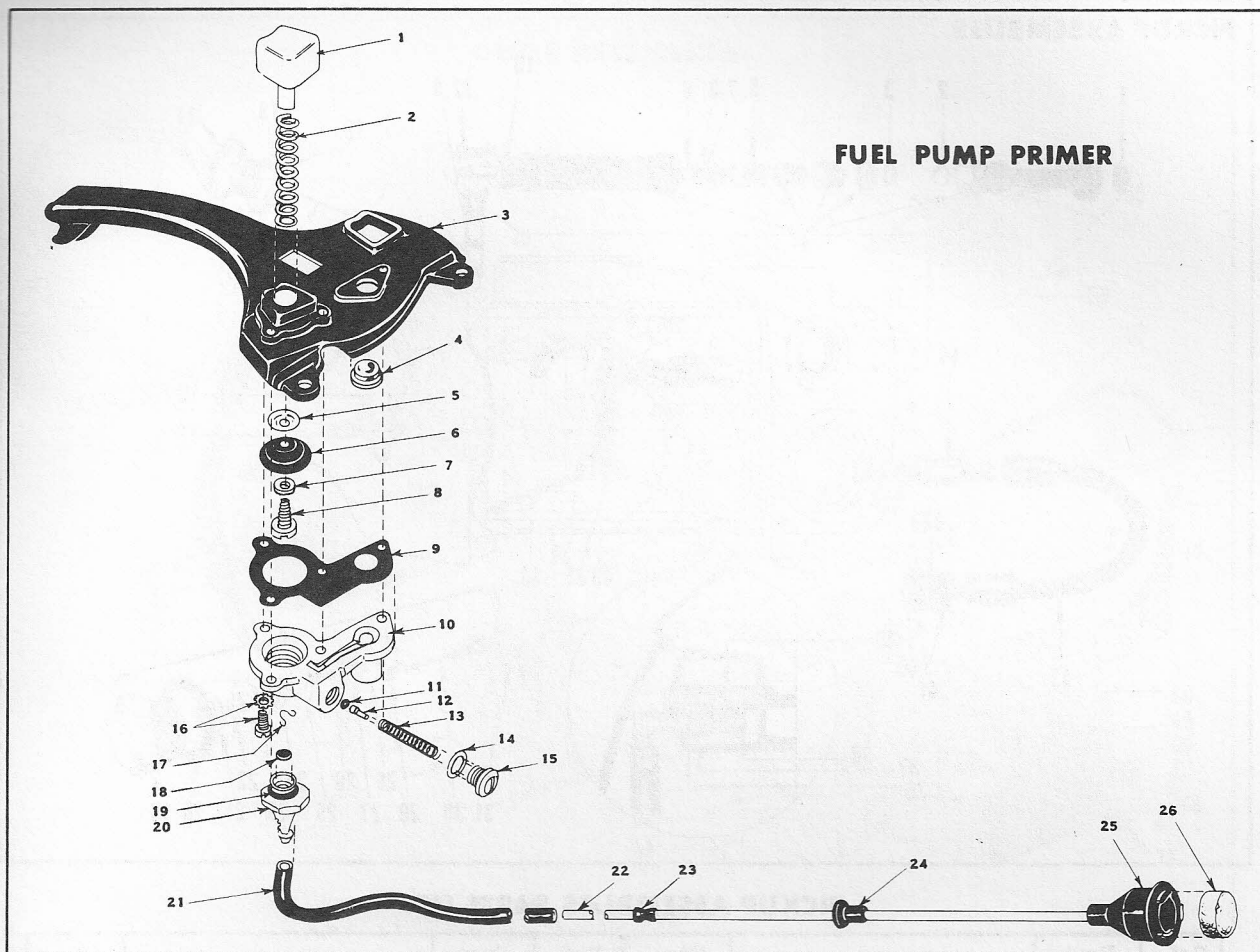
CLUTCH PARTS LIST

Ref. No.	Part No.	Description	Qty. Req'd.
1	471248	Strut Assembly	1
2	202190	. Chain Adjusting Screw	1
3	425672	. Chain Adjusting Pin	1
4	425020	Clutch Cover	1
5	471295	Sprocket Assembly 8 T	1
6	425091	. Sprocket Bearing	1
7	425061	Clutch Driver Key	1
+	470789	Clutch Assembly	1
8	426963	. Clutch Shoe	3
9	426965	. Inner Plate	1
10	426966	. Outer Plate	1
11	426964	. Clutch Spring	1
12	426962	. Clutch Driver	1
13	425092	Clutch Driver Nut (Flexloc)	1
14	425116	Strut Washer	2
15	425031	Strut Nut	2
*16	471400	Drum and Spline Assembly	1

17	471563	. Sprocket Segment - .4	1
18	425091	. Sprocket Bearing	1
*19	470340	Star Sprocket Assembly	1
20	425015	Inside sprocket Washer	1

*Optional Service Replacement
+ Not shown

MODEL 550



FUEL PUMP PRIMER

FUEL PUMP PRIMER PARTS LIST

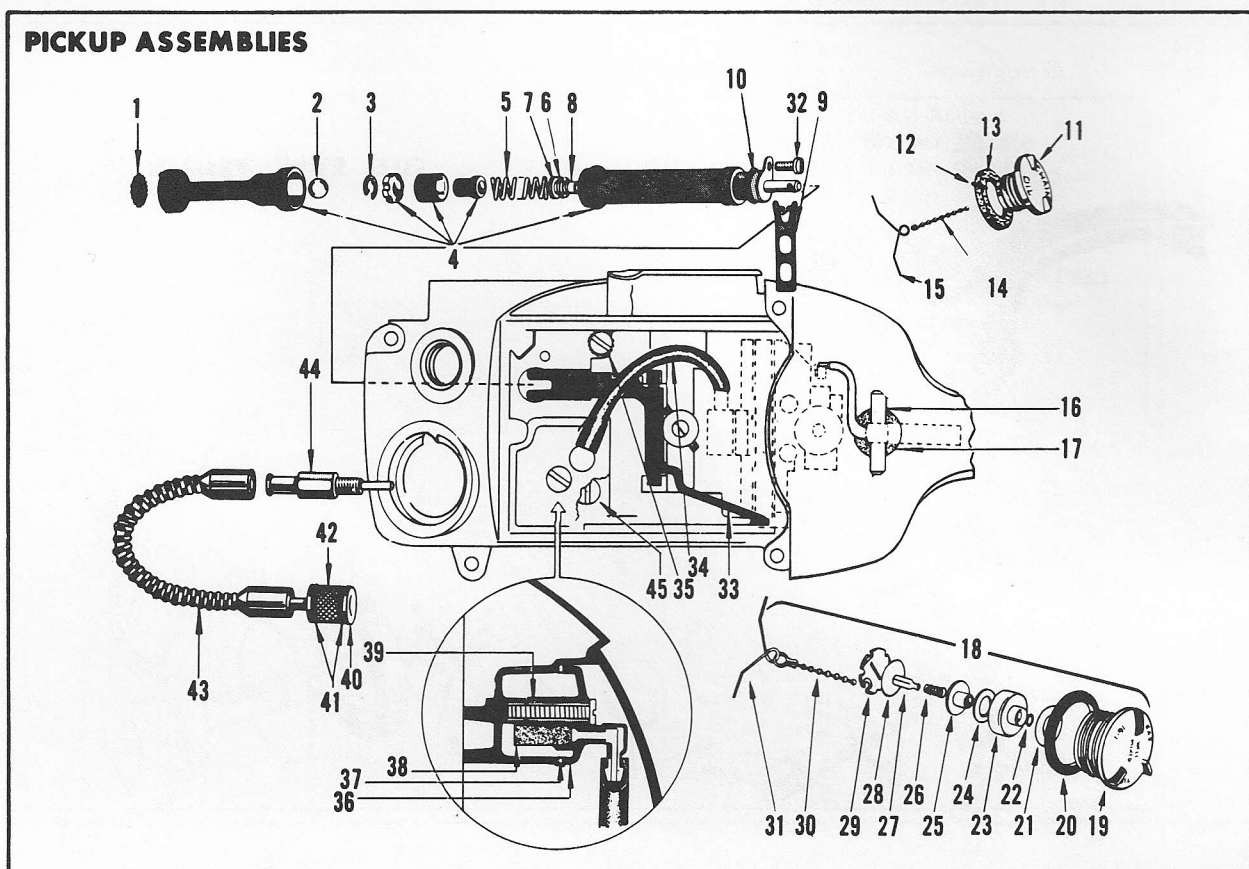
Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
*	470759	Fuel Pump Primer Assembly	1	16	307192	. Screw and Lockwasher	4
1	426830	. Primer Pump Button	1	*	470728	. Inlet Valve Housing Assembly	1
2	426822	. Primer Button Spring	1	17	426824	. . Retaining Clip	1
3	426890	. Control Panel	1	18	426825	. . Disc Valve - Inlet	1
4	426831	. Sight Glass 1/2"	1	19	202893	. . "O" Ring Valve Housing	1
5	426818	. Cup-Primer Pump Diaphragm	1	20	†	. . Inlet Valve Housing	1
6	426815	. Diaphragm	1	21	426828	Air Box to Primer Fuel Line	1
7	426926	. Washer	1	*	470727	Pick-up Line Assy.	1
8	426821	. Screw	1	22	†	. Fuel Pick-up Line	1
9	426820	. Gasket	1	23	†	. Stop-Primer Pick-up Line	1
10	426832	. Body-Primer Pump	1	24	426819	Seal-Primer Pick-up Line	1
*	470729	. Exit Valve Assembly	1	25	426823	Primer Filter Body	1
11	308528	. . "O" Ring	1	26	426826	Primer Fuel Filter	1
12	†	. . Stem Exit Valve	1				
13	†	. . Exit Valve Spring	1				
14	426843	. . End Cap Washer	1				
15	†	. . End Cap - Exit Valve	1				

† Available in Assembly Only

*Not Shown

MODEL 550

PICKUP ASSEMBLIES



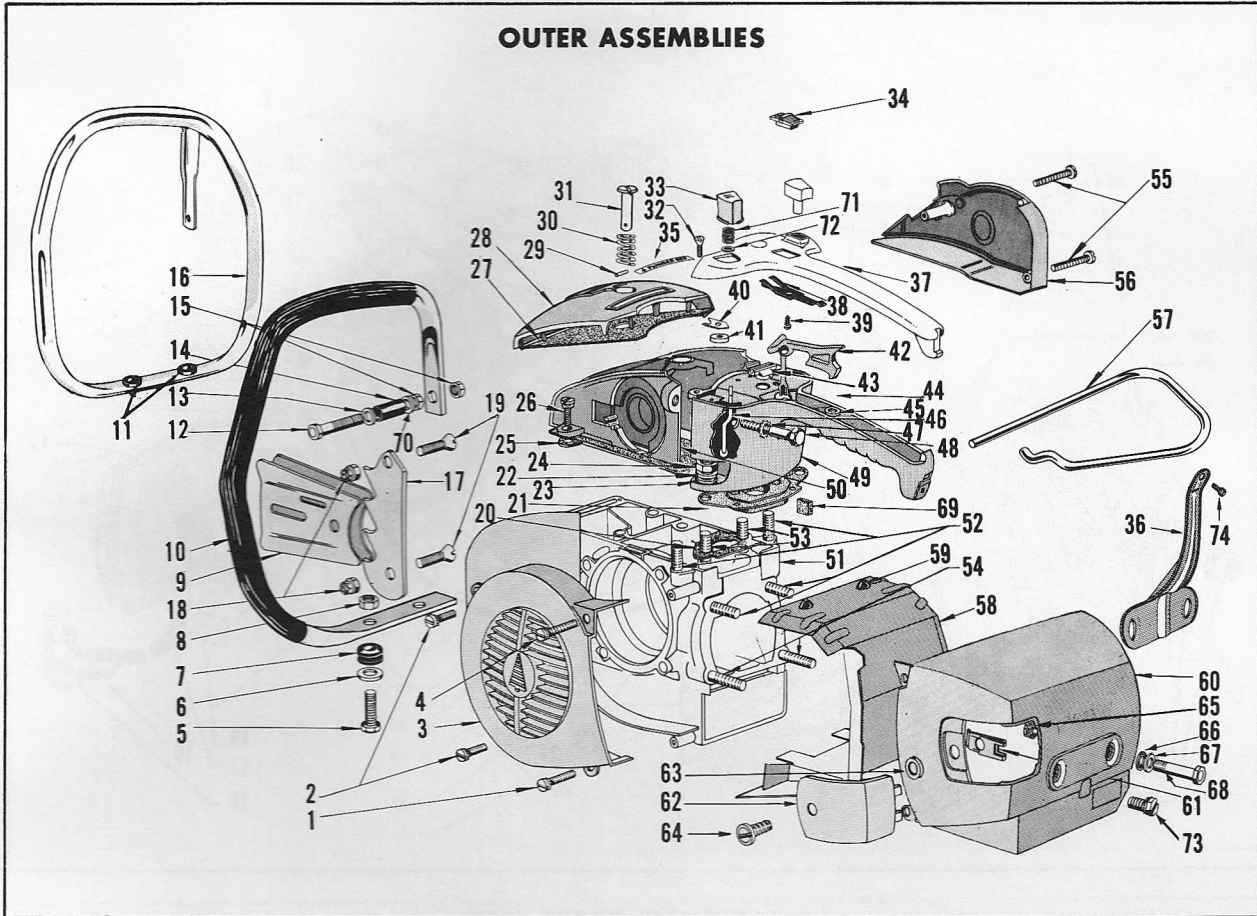
PICKUP ASSEMBLIES PARTS LIST

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
+	470596	Oil Pump Assembly	1	25	427275	. Backing Plate (Valve)	1
1	426474	. Gauze - Filter	1	26	427280	. Spring	1
2	426227	. Ball - 9/32 Dia. Steel	1	27	427279	. Stem Valve	1
3	202755	. Retaining Ring	1	28	427376	. Filter Disc	1
4	470638	. Oil Pump Body Assembly	1	29	427278	. Cover	1
5	426471	. Spring - Rod - Oil Pump	1	30	427277	. Bead Chain	1
6	425028	. "O" Ring	1	31	427213	. Lock Spring	1
7	300154	. Washer	1	32	305230	. Screw - 10 x 24 x 1/2 Pan Hd Sems - Pump to Airbox	1
8	426470	. Rod - Oil Pump	1	33	470589	Oil Pump Lever Assembly	1
9	426476	. Clip - Oil Pump	1	34	426465	Fuel Line - Carburetor	1
+	471284	Oiler Filler Cap	1	35	551705	Screw 1/4 x 20 x 1 Sems Pan Head	1
10	303059	. "O" Ring	1	36	470672	Filter Cap Assembly (Cap & Elbow)	1
11	427589	. Body	1	37	426464	Gasket	1
12	427289	. Pin	1	38	426563	Felt	1
13	425074	. Gasket	1	39	307190	Screw - 1024 x 1-1/4 Pan Head	1
14	427277	. Bead Chain	1	40	470090	Pickup Head Assembly	1
15	427288	. Lock Spring	1	41	304614	. Retaining Ring	2
16	426542	Pivot Pin - Throttle Lever	1	42	425317	. Screen - Pickup	1
17	426535	Seal - Throttle Trigger	1	43	425343	Flex Fuel Pickup Line	1
18	471283	Gas Cap Assembly	1	44	426466	Fuel Line Adapter	1
19	427587	. Body	1	45	426751	Screw - Air Box Filter Well to Crankcase	1
20	425087	. Gasket (Gas Cap)	1				
21	427273	. Gasket (Valve Body)	1				
22	427281	. "O" Ring (Valve)	1				
23	427276	. Body (Valve)	1				
24	427274	. Valve (Vacuum)	1				

+ Not shown

MODEL 550

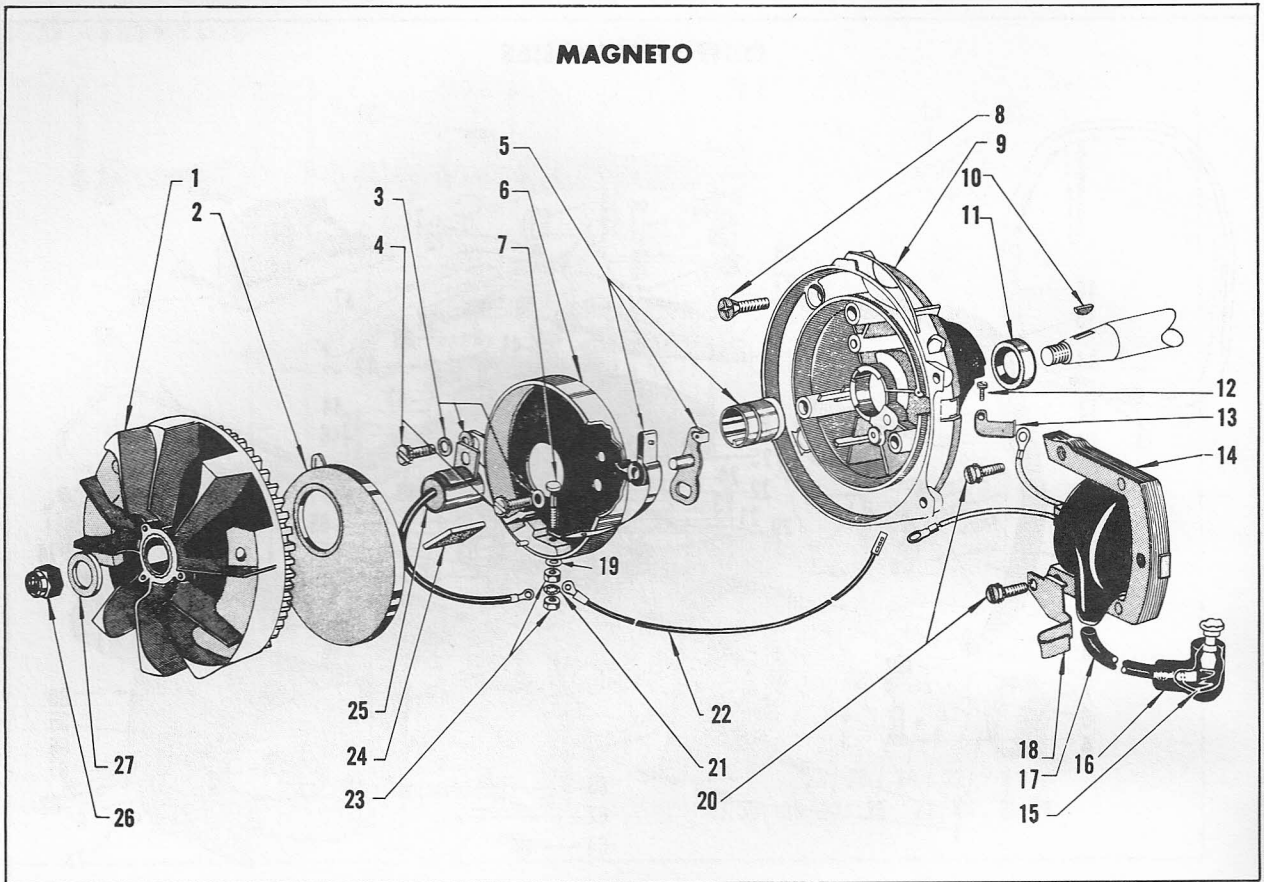
OUTER ASSEMBLIES



OUTER ASSEMBLIES PARTS LIST

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	304606	Screw, 10-24 x 3/4 Pan Hd. Sems	1	23	426703	Washer - Insulating	2	49	427543	Rear Handle	1
2	302948	Screw, 10-24 x 5/8 Pan Hd. Sems	2	24	306397	Nut - 1/4 x 28 UNF Plain	2	50	427563	Front Section - Air Box	1
3	427566	Blower Cover	1	25	426651	Gasket - Air Box Front Section	1	51	471271	Crankcase Assembly w/studs	1
4	305725	Screw, 10 x 24 x 1-3/8 Pan Hd. Sems	1	26	302948	Screw - 10-24 x 5/8 Sems	2	52	426642	. Stud - 2 Cyl. Top - 2 Rear Handle	4
5	304625	Screw, 1/4 x 28 x 7/8 Hex Head	2	27	426491	Air Filter Element	1	53	426702	. Stud - Carburetor Mounting	2
6	426549	Washer - Shock Absorber	2	28	471246	Top Cover Assembly	1	54	425578	. Stud - Cylinder Bottom	2
7	307417	Shock Absorber - Lower	2	29	426952	. Roll Pin 1/8 x 1/2	1	55	305725	Screw - 1024 x 1-3/8	2
8	426942	Stake Nut - 1/4 x 28 UNF Standard	2	30	426540	. Spring - Top Cover	1	56	427548	Pulley Cover	1
9	425674	Guide - Plates	2	31	426951	. Fastener Pin	1	57	426661	Foothold Loop	1
10	471286	Front Handle	1	32	200608	Screw - 6-32 x 3/8 Flat Head	2	58	470691	Inner Shroud Assembly	1
11	307417	Shock Absorber - Lower (For Wrap Around Handlebar)	2	33	426487	Button - Oiler	1	59	426746	. Rubber Bumper	2
12	131054	Screw, 1/4 x 28 x 1-1/4 Hex Head	1	34	426488	Button - Ignition Switch	1	60	471268	Cylinder Shroud Assembly	1
13	302471	Washer	1	35	427545	Decal	1	61	427581	. Fastener Speed Nut	1
14	426492	Shock Absorber - Upper	1	36	427540	Bracket	1	62	471269	. Inspection Cover Assembly	1
15	426576	Stake Nut - 1/4 x 28 Thin	2	37	426890	Control Panel	1	63	427580	. Retaining Washer	1
16	470671	Wrap Around Handlebar - Optional Extra	1	38	426489	Contact Switch Spring	1	64	304442	. Fastener Screw	1
17	470670	Pivot Grip	1	39	426662	Screw - Self Tapping 6-20 x 3/8	1	65	426749	Spacer - Inner Insulating	1
18	425713	. Nut - Flexloc	2	40	426485	Retainer - Oiler Push Rod Seal	1	66	426703	Washer - Outer Insulating	1
19	130491	. Screw - 1/4 x 28 x 7/8 Flat Head	2	41	426486	Felt Seal - Push Rod	1	67	302474	Washer - Plain	1
20	426705	Gasket - Carb. - Lower	1	42	426534	Trigger Throttle Terminal Block - Switch Lead	1	68	303459	Screw, 1/4 x 20 x 1-1/4	1
21	426780	Insulating Block - Carb.	1	43	426490	Screw - Throttle Trigger Stop	1	69	426708	Crankcase Drain Felt	1
22	303887	Washer - Plain	2	44	426664	Washer - Throttle Trigger Stop	1	70	306407	Washer - Outside Shock Absorber Upper	1
				45	426706	Washer - Throttle Trigger Stop	1	71	426307	Spring	1
				46	426484	Push Rod - Oil Pump	1	72	300154	Washer	1
				47	306488	Washer - Sems	2	73	552421	Sems Screw (Shroud)	1
				48	304913	Screw - Hex Head	2	74	305230	Sems Screw (Handle)	1

MODEL 550

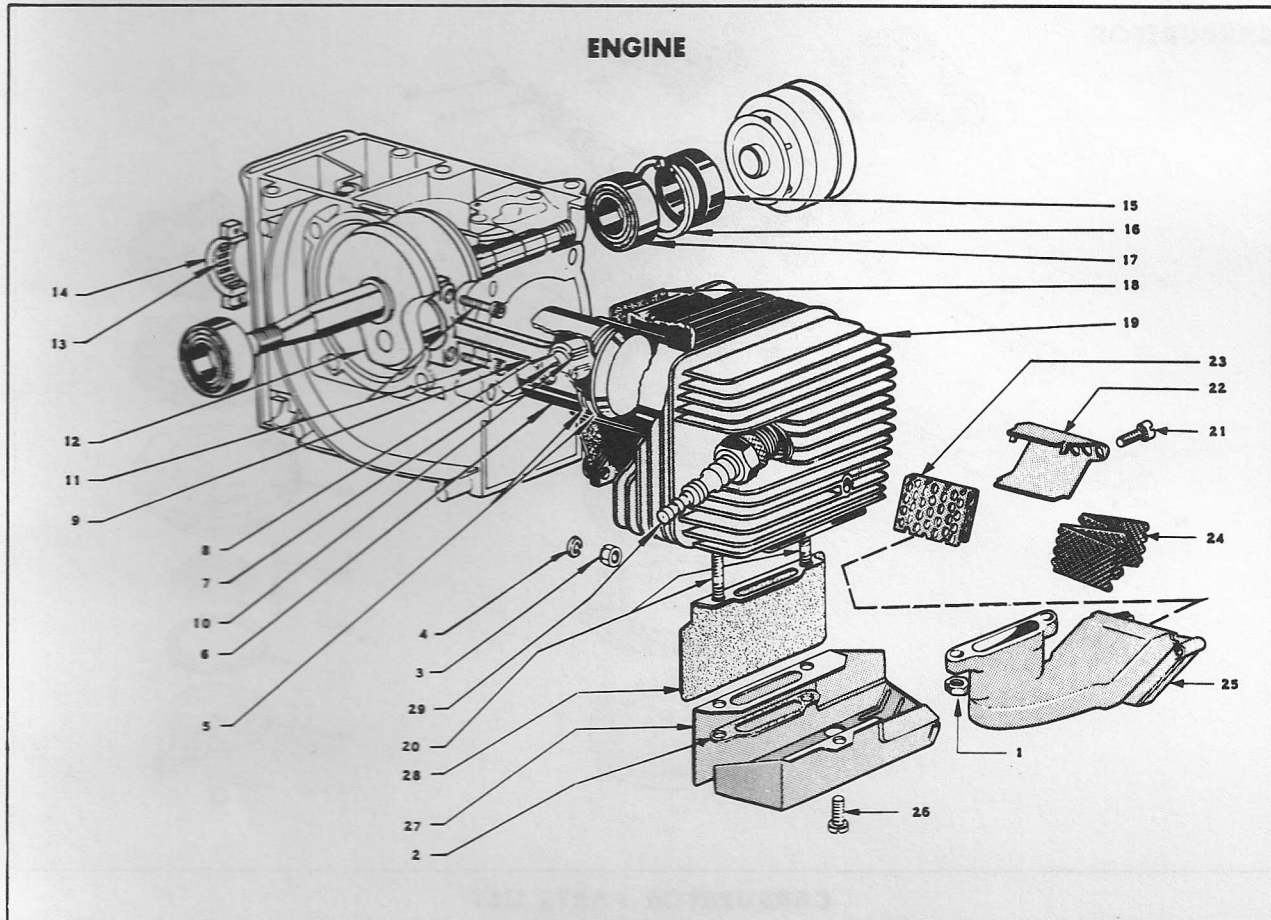


MAGNETO PARTS LIST

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	470604	Flywheel Assembly	1	15	580339	. Rubber Sparky Assy.	1
2	426516	Breaker Housing Cover	1	16	†	. . Sparky Spring	
3	303497	Washer	3	17	426527	. High Tension Lead	1
4	307193	Screw	2	18	426669	High Tension Wire Clip	1
5	470788	Breaker Point Set	1	19	307189	Washer	1
6	426515	Breaker Housing	1	20	510397	Screw	2
7	426522	Terminal Screw	1	21	307247	Washer, Shakeproof	1
8	426567	Screw	4	22	470784	Switch Wire Assembly	1
9	426440	Bearing Housing	1	23	302437	Hex Nut	2
10	425061	Flywheel Woodruff Key	1	24	510189	Oil Wick	1
11	425076	Magneto End Seal	1	25	426528	Condenser	1
12	307192	Screw	1	26	425916	Flexloc Nut, Left Hand	1
13	426508	Lead Clamp	1	27	304671	Washer	1
14	470685	Coil and Lamination Assembly	1				

† Serviced in assembly only

MODEL 550

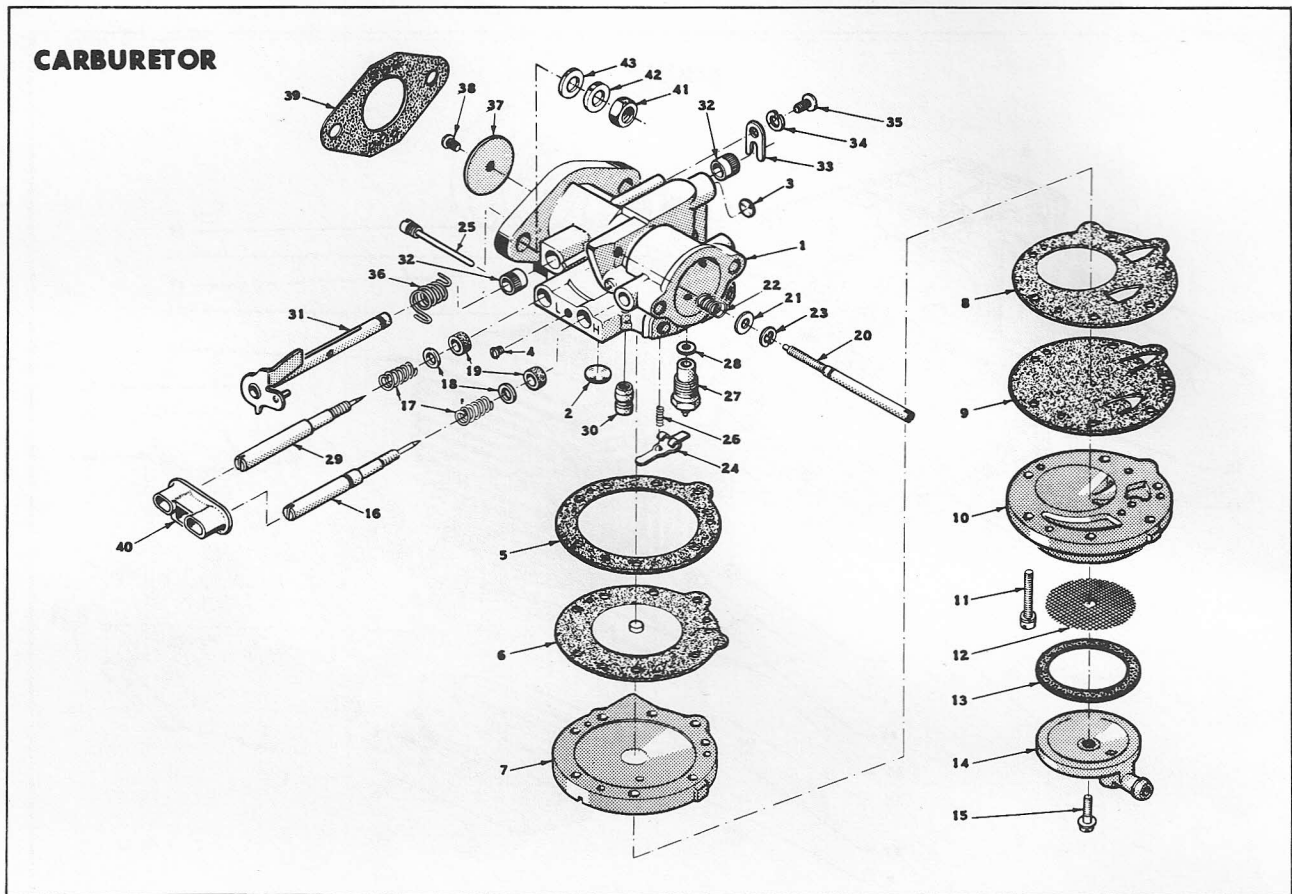


ENGINE PARTS LIST

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
1	304609	Muffler Nut	2	15	425077	Drive End Seal	1
2	426444	Muffler Gasket	1	16	425067	Retaining Ring	1
3	306397	Cylinder Base Nut	4	17	425066	Main Bearing	2
4	306396	Lockwasher	4	18	426204	Cylinder Base Gasket	1
5	470777	Piston Ring Set	1	19	471258	Cylinder Block	1
6	425640	Piston	1	20	425334	Exhaust Stud	2
7	425062	Wrist Pin Clip	2	*	470688	Muffler Assembly	1
8	425641	Wrist Pin	1	21	307613	Screw	2
9	470168	Connecting Rod Assembly, Complete	1	22	426748	Exhaust Deflector	1
10	425060	Wrist Pin Bearing	1	23	426741	Screen Plate	1
11	304610	Socket Head Screw	2	24	426742	Screen	1
12	426402	Crankshaft	1	25	426744	Muffler Body	1
13	470926	Needles (Pkg. of 12)	1	26	303311	Screw	1
14	470927	Bearing Cage, Two Halves	1	27	426743	Muffler Shroud	1
				28	426740	Gasket Shield	1
				29	076152	Spark Plug	1

*Not Shown

MODEL 550



CARBURETOR PARTS LIST

Ref. No.	Part No.	Description	Qty. Req'd.	Ref. No.	Part No.	Description	Qty. Req'd.
*	470756	Carburetor Assembly	1	22	425386	. Spring	1
1	470780	. Carburetor Body, Complete With Parts Pressed In	1	23	426917	. "E" Ring	1
†2	551595	. Welch Plug	1	†24	425489	. Inlet Control Lever	1
3	426910	. Welch Plug	1	†25	470395	. Screw	1
4	425391	. Drain Screw	1	†26	426922	. Inlet Tension Spring	1
×5	425496	. Diaphragm Gasket	1	†27	470118	. Inlet Needle Seat and Gasket	1
†6	470361	. Diaphragm	1	×28	425486	. . Gasket	1
7	425491	. Cover	1	†29	426923	. Main Adjustment Screw	1
×8	425506	. Gasket	1	30	470772	. Nozzle Check Valve	1
†9	426909	. Diaphragm	1	31	470773	. Throttle Shaft and Lever	1
10	425490	. Fuel Pump Body	1	32	425469	. Bushing	2
11	426146	. Screw and Lockwasher	1	33	425459	. Clip	1
†12	425494	. Screen	1	34	425387	. Lockwasher	1
×13	425493	. Gasket	1	35	425390	. Screw	1
14	425492	. Cover	1	†36	426924	. Return Spring	1
†15	425741	. Retaining Screw	1	37	425446	. Throttle Shutter	1
†16	426921	. Idle Adjustment Screw	1	†38	426145	. Screw and Lockwasher	1
†17	425449	. Spring	2	×39	425046	Flange Gasket	1
×18	426919	. Washer	2	40	426878	Grommet	1
×19	426920	. Packing	2	41	306397	Nut	2
†20	470781	. Idle Speed Regulating Screw	1	42	303887	Washer, Plain	2
†21	426916	. . Washer	1	43	426703	Washer, Insulating	2

*Not Shown

†Part No. 470783 Repair Parts Kit, Also includes Carburetor Gasket and Packing

×Kit Part No. 470782.