

ILLUSTRATED PARTS LIST

MODELS	SERIAL NUMBER PREFIX	MODELS	SERIAL NUMBER PREFIX
600013A	11-,12-,13-	600013K	11-,12-,13-
600013B	11-,12-,13-	600013U	11-,12-,13-
600013E	12-, 13-		

PRO 10-10A ChainSaws are identified by a model number (600013) followed by a suffix letter (A, B, E, K or U) stamped on the identification plate attached to the saw. Suffix letters denote variations in parts or assemblies in the manufacture of the saw.

Part numbers listed in this IPL which have a suffix letter or letters following the description, indicate the part is used only on the model(s) identified by the letter or letters.

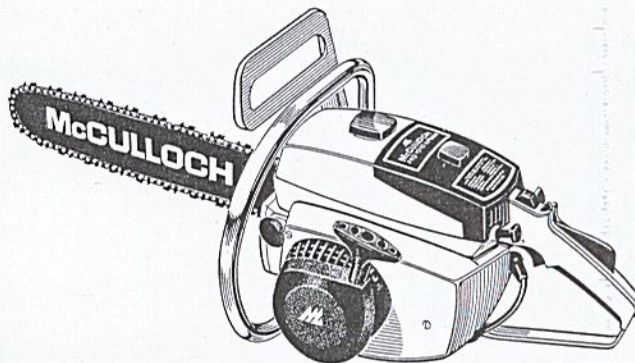
Part numbers and descriptions without suffix letter or letters apply to all models of the PRO 10-10A saws.

Part numbers which have one or more dots (.) preceding their description may be ordered individually but they are also included in the kit or assembly whose description begins directly above the dot(s).

Part numbers which have changed since the previous printing of the IPL covering these saws, are indicated by a dash (-) preceding the new part number.

The policy of McCulloch Corporation is one of continual improvement in design, manufacturing and engineering advancement wherever possible to assure still finer two-cycle power tools. Hence, specifications, equipment, colors, design and manufacturer's suggested list prices are subject to change without notice and McCulloch Corporation reserves the right to make such changes without prior notification or obligation to backfit or supply backfit components for units previously shipped from the factory.

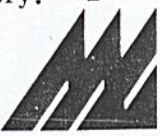
PRO 10-10 Automatic Chain Saw



JULY 1976

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PRO 10-10 Automatic

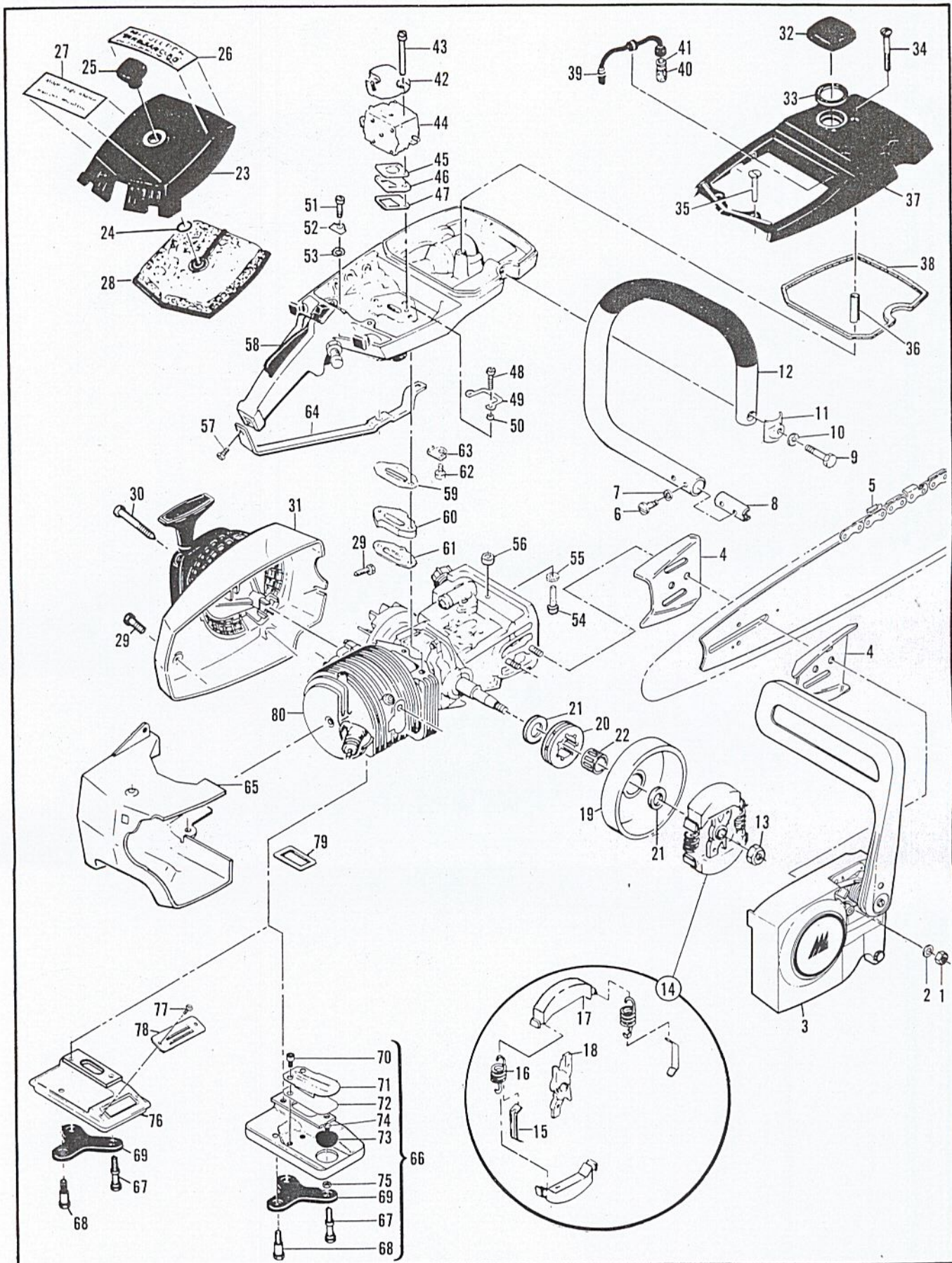


Figure 1. General

Figure 1. General

Item No.	Part Number	Description	Units Per Asy.	Item No.	Part Number	Description	Units Per Asy.
1	110454	Nut-Hx 5/16-24	2	37	-69679	Cover-Fuel tank	1
2	100440	Washer-5/16	2	38	69345	Gasket-Cover	1
3		CHAIN BRAKE Asy (Fig 2)		39	64848	Hose Asy-Fuel	1
4	64330	Set-Bar Plates	1	40	63932	. Filter-Fuel	1
5		Bar & Chain (Accessories)		41	100440	. Washer	1
6	110865	Screw-Hx hd 10-24 x 7/8	2	42	83204	Kit-Air cleaner bracket	1
7	100352	Washer-#10	2	43	103357	. Bolt-Hx hd 10-24 x 2-1/4	2
8	89727	Retainer-Frame	1	44		Carburetor Asy (Fig 4,5)	
9	102130	Screw-Hx hd 1/4-20 x 1-1/2	1	45	86189	Gasket-Carburetor	1
10	100153	Washer-Lock 1/4	1	46	84078	Spacer-Carburetor	1
11	63484	Clamp-Frame	1	47	84081	Gasket-Spacer	1
12	-87686A	Frame & Grip Asy	1	48	110570	Screw-Hx hd 12-24 x 1-3/8	2
13	86113	Nut-Hx 3/8-24 (L.H.)	1	49	68582	Plate-Lock	1
14	87675	Clutch Asy	1	50	102115	Washer-#12	2
15	64583	. Retainer-Spring	2	51	110568	Screw-Hx hd 12-24 x 1-1/8	1
16	83223	. Spring-Clutch	2	52	69516	Plate-Lock	1
17	67233	. Shoe-Clutch	2	53	64856	Washer-Special	1
18	89438	. Rotor-Asy	1	54	110713	Screw-Skt hd 10-24 x 7/8	1
19	86945	① Drum/Spkt Asy-7T .354P (A,B)	1	55	100003	Washer-#10	1
20	86950	①. Kit-Sprocket 7T .354P (A,B)	1	56	69772	Spacer-Fuel tank	1
21	86958	①. Washer-Shim (A,B)	2	57	-110910	Screw-Hx hd 10-24 x 1-3/8	1
[19]	86946	② Drum/Spkt Asy-7T .375P (E,K,U)	1	58		Fuel Tank Asy (Fig 6)	
[20]	86951	②. Kit-Sprocket 7T .375P (E,K,U)	1	59	84082	Gasket-Fuel tank	1
[21]	86958	②. Washer-Shim (E,K,U)	2	60	84079	Insulator-Fuel tank	1
[19]	65370	③ Drum/Spkt Asy-7T .354P (B,U)	1	61	84082	Gasket-Insulator	1
[21]	61692	③. Washer-Shim (B,U)	2	62	110566	Screw-Hx hd 10-24 x 5/8	1
22	110330	Bearing-Sprocket	1	63	68508	Plate-Lock	1
23	68530A	Cover Asy-Air cleaner	1	64	85007	Brace-Handle	1
24	110565	. Ring-Retainer	1	65	-85731A	Shroud	1
25	68529	. Knob-Cover	1	66	68863	Kit-Muffler (A)	1
26	91560	Plate-Name	1	67	67838	. Screw-Muffler long	2
27	91548	Plate-Instruction	1	68	67837	. Screw-Short	1
28	69922	Filter-Air	1	69	83993	. Plate-Lock	1
29	110741	Screw-Pan hd 10-24 x 1/2	2	70	110563	. Screw-Skt hd 8-32 x 1/4 (A)	2
30	87871	Screw-Special	3	71	84780	. Stop-Reed (A)	1
31		Fan Housing & Starter Asys (Fig 3)		72	84779	. Reed (A)	1
32	89322	Cap Asy-Fuel	1	73	85933	① Kit-Spark Arrester (A)	1
33	69767	. Gasket	1	74	101987	①. Screw-Rd hd 6-32 x 1/4 (A)	1
34	110402	Screw-Oval hd 12-24 x 2-3/8	1	75	100796	①. Nut-Hx 6-32 (A)	1
35	103579	Screw-Fil hd 10-24 x 1	2	76	89428	Muffler Asy (B,U,E,K)	1
36	87840	Spacer	1	77	110662	. Screw-Pan hd 6-32 x 3/8 (B,U,E,K)	2
				78	89432	. Cover-Screen (B,U,E,K)	1
				79	84007	Gasket-Muffler	1
				80		Powerhead Asy (Fig 7)	

① Used on models with serial number prefix 13-.

② Used on models with serial number prefix 13-; also 11-, 12- with suffix letter A,E,K.

③ Used on models with serial number prefix 11-, 12-.

PRO 10-10
Automatic

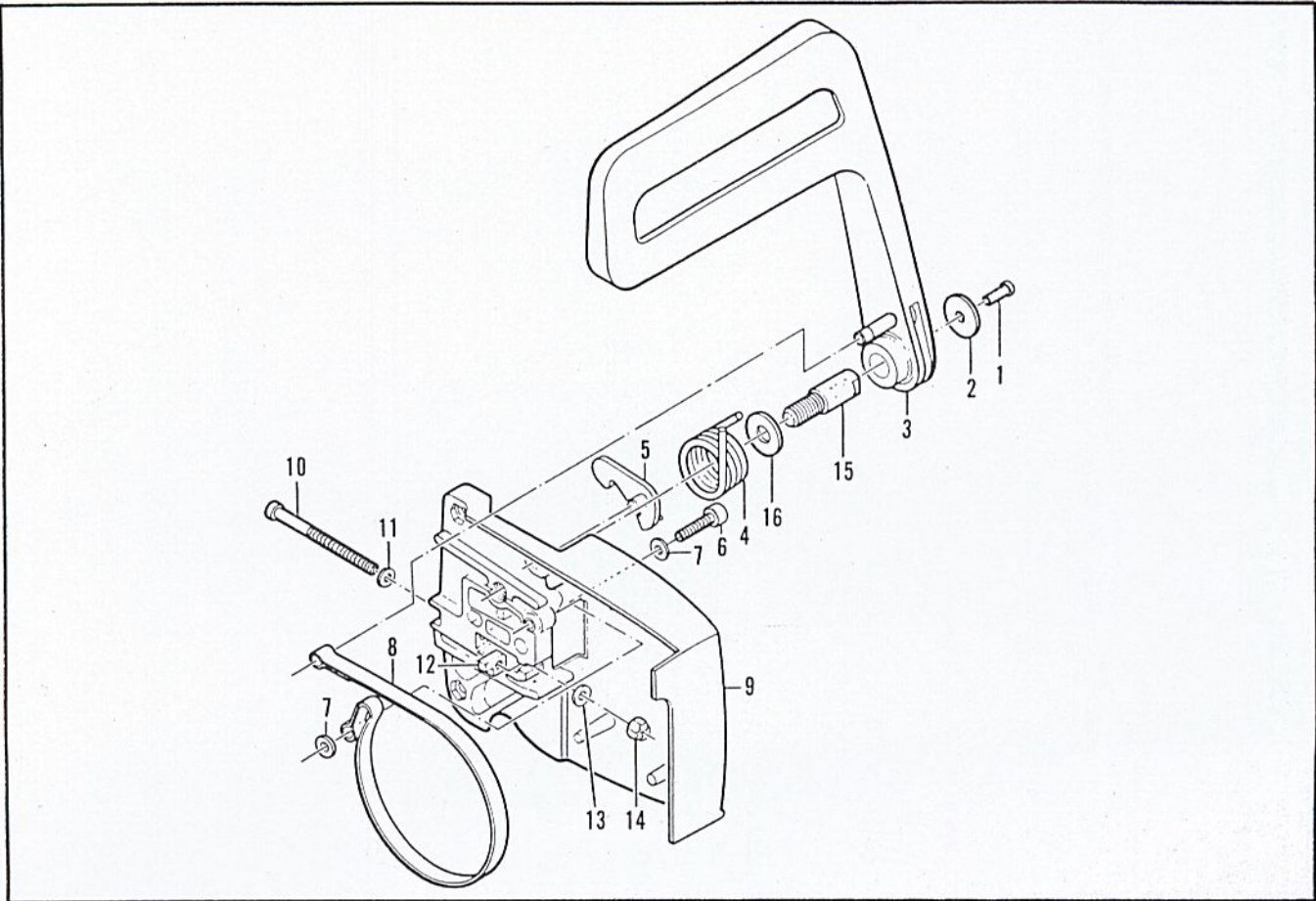


Figure 2. CHAIN BRAKE Assembly

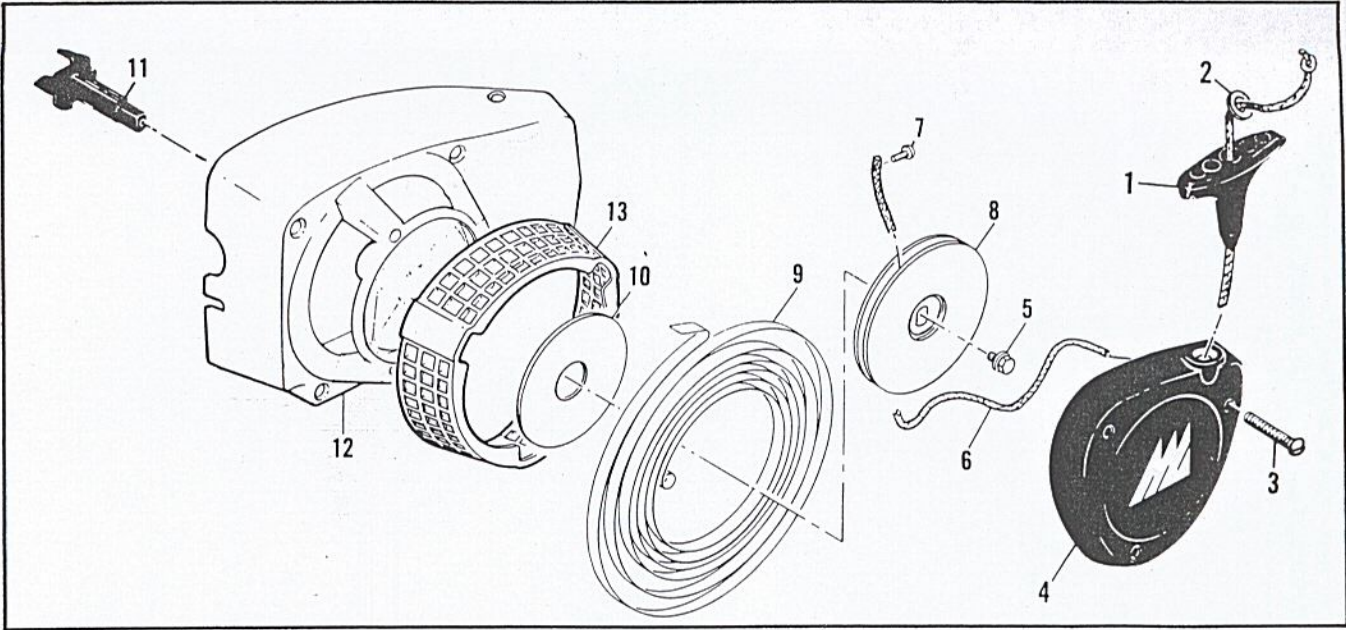


Figure 3. Fan Housing & Starter Assemblies

Figure 2. CHAIN BRAKE Assembly

Item No.	Part Number	Description	Units Per Asy.
1	91278	CHAIN BRAKE Assembly	1
	102500	. Screw - Pan hd 10-24 x 1/2	1
2	91273	. Washer - Special	1
3	91251	. Lever Assembly	1
4	91239	. Spring	1
5	91235A	. Latch Assembly	1
6	105738	. Screw - Skt hd 1/4-20 x 7/8	1
7	91274	. Washer - Special	2

Item No.	Part Number	Description	Units Per Asy.
8	91238	. Band	1
9	91249	. Housing Assembly	1
10	110527	. . Screw - Fil hd 10-24 x 2-3/4	1
11	110264	. . Washer - #10	1
12	61705	. . Nut - Bar adjusting	1
13	100002	. . Washer - #10	1
14	102067	. . Nut - Hx 10-24	1
15	91246	. Pin - Lever pivot	1
16	91245	. Washer - Thrust	1

Figure 3. Fan Housing & Starter Assemblies

Item No.	Part Number	Description	Units Per Asy.
1	91255	Kit - Starter handle	1
2	105490	. Washer - Starter handle	1
	87667	Fan Housing & Starter Asy	1
3	110646	. Screw - Oval hd 8-32 x 1-1/8	3
4	87672	. Cover - Starter	1
5	110341	. Screw - Hx hd 10-24 x 1/2	1

Item No.	Part Number	Description	Units Per Asy.
6	68162	. Rope - Starter	1
7	110470	. Rivet - Rope	1
8	85122	. Drum - Starter	1
9	87680	. Spring - Rewind	1
10	86053	. Shield - Spring	1
11	83748	. Shaft - Starter	1
12	87693	. Kit - Fan housing	1
13	87674	. . Guard - Sawdust	1

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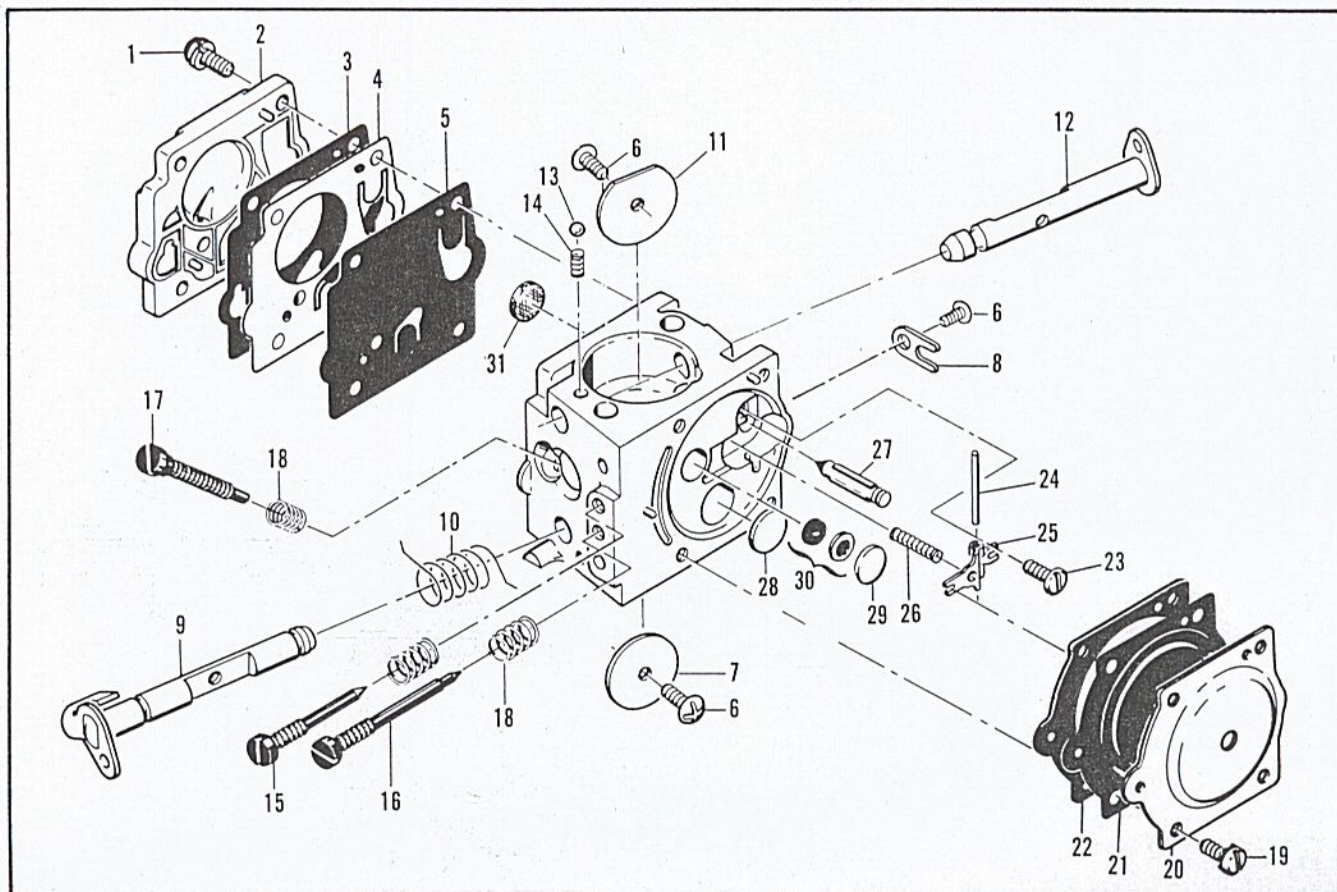


Figure 4. Carburetor Assembly

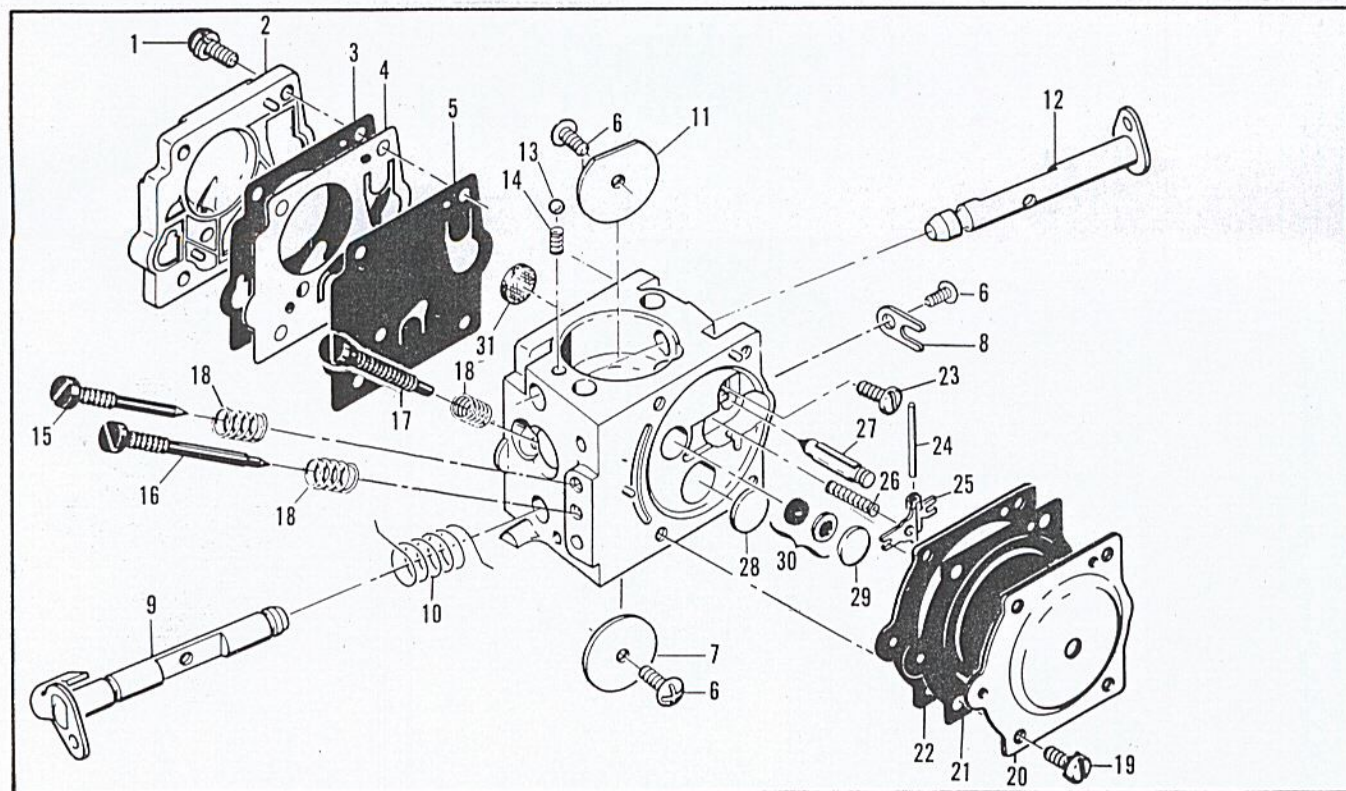


Figure 5. Carburetor Assembly

Figure 4. Carburetor Assembly

Item No.	Part Number	Description	Units Per Asy.
	85720	① Carburetor Assembly	1
1	67501	. Screw - Pump cover	4
2	83760	. Cover - Pump	1
3	*67495	. Gasket - Cover	1
4	*67498	. Diaphragm - Check valve	1
5	*83114	. Diaphragm - Fuel pump	1
6	*47690	. Screw - Plate	3
7	83762	. Plate - Throttle	1
8	67489	. Clip - Shaft	1
9	67486	. Shaft Asy - Throttle	1
10	*85981	. Spring - Throttle shaft	1
11	67490	. Plate - Choke	1
12	67488	. Shaft Asy - Choke	1
13	*100302	. Ball - Choke friction	1
14	*67504	. Spring - Choke friction	1
15	*68104	. Needle - High speed	1
16	*68105	. Needle - Idle	1
17	68106	. Screw - Idle speed	1

Item No.	Part Number	Description	Units Per Asy.
18	*67502	. Spring - Needle	3
19	70798	. Screw - Diaphragm cover	4
20	83761	. Cover - Diaphragm	1
21	*67499	. Diaphragm - Metering	1
22	*67496	. Gasket - Diaphragm	1
23	*67500	. Screw - Lever pin	1
24	*67508	. Pin - Lever	1
25	*67509	. Lever - Metering	1
26	*67503	. Spring - Lever	1
27	*67491	. Valve - Needle	1
28	*71690	. Plug - 3/8	1
29	*69506	. Plug - 5/16	1
30	83758	. Kit - Valve & Seat Asy	1
31	*67507	. Screen - Fuel	1
	*67482	Gasket Set	
	83764	Repair Kit	

* Indicates parts included in Repair Kit, P/N 83764.

① Used on models with serial number prefix 11-, 12-.

Figure 5. Carburetor Assembly

Item No.	Part Number	Description	Units Per Asy.
	-92654	① Carburetor Asy	1
1	67501	. Screw - Pump cover	4
2	83760	. Cover - Pump	1
3	67495	. Gasket - Cover	1
4	67498	. Diaphragm - Check valve	1
5	83114	. Diaphragm - Fuel pump	1
6	47690	. Screw - Plate	3
7	83762	. Plate - Throttle	1
8	67489	. Clip - Shaft	1
9	67486	. Shaft Asy - Throttle	1
10	85981	. Spring - Throttle shaft	1
11	67490	. Plate - Choke	1
12	67488	. Shaft Asy - Choke	1
13	100302	. Ball - Choke friction	1
14	67504	. Spring - Choke friction	1
15	-92937	. Needle - High speed	1
16	-92924	. Needle - Idle	1

Item No.	Part Number	Description	Units Per Asy.
17	68106	. Screw - Idle speed	1
18	67502	. Spring - Needle	3
19	70798	. Screw - Diaphragm cover	4
20	83761	. Cover - Diaphragm	1
21	67499	. Diaphragm - Metering	1
22	67496	. Gasket - Diaphragm	1
23	67500	. Screw - Lever pin	1
24	67508	. Pin - Lever	1
25	67509	. Lever - Metering	1
26	67503	. Spring - Lever	1
27	67491	. Valve - Needle	1
28	71690	. Plug - 3/8	1
29	69506	. Plug - 5/16	1
30	83758	. Kit - Valve & Seat Asy	1
31	67507	. Screen - Fuel	1
	67482	Gasket Set	

① Used on models with serial number prefix 13-.

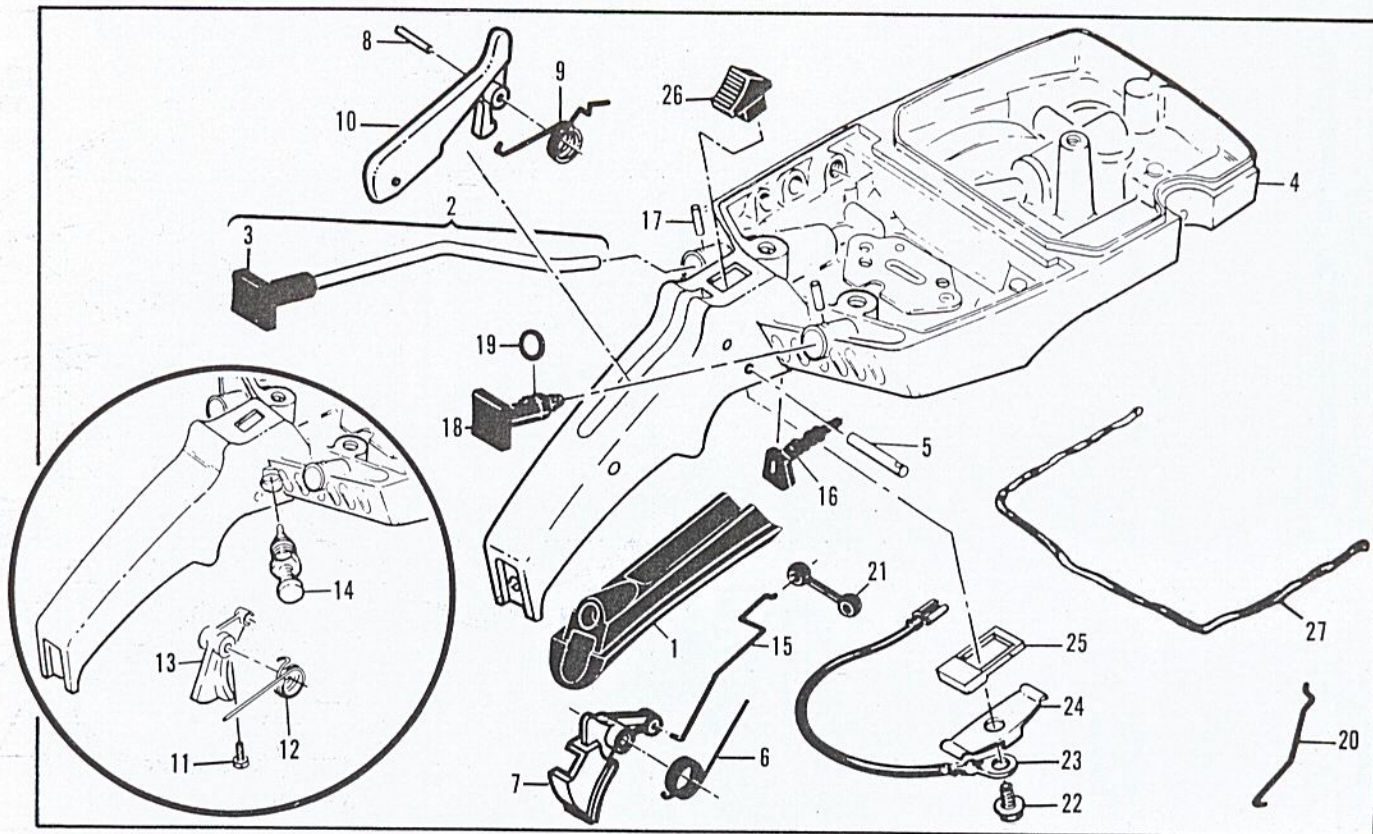


Figure 6. Fuel Tank Assembly

Figure 6. Fuel Tank Assembly

Item No.	Part Number	Description	Units Per Asy.	Item No.	Part Number	Description	Units Per Asy.
1	89320	Insert - Handle grip	1	15	85107	Rod - Throttle	1
2	64871	Button & Rod Assembly	1	16	-68522A	Seal - Throttle rod	1
3	63044	. Button - Oiler	1	17	105673	Pin - Roll 3/32 x 9/16	2
4	-84183A	Kit - Fuel tank/control	1	18	69041	Button - Choke	1
5	110378	. Pin - Roll 3/16 x 15/16	1	19	105614	"O" Ring	1
6	-92152 ①	. Spring - Trigger	1	20	69042	Rod - Choke	1
7	-92151 ①	. Trigger - Throttle	1	21	69043	Snubber - Rod	1
8	-105654 ①	. Pin - Roll 1/8 x 7/8	1	22	110706	Screw - Fil hd 8-18 x 1/2	1
9	-92154 ①	. Spring - Trigger release	1	23	62973A	Wire Asy - Stop switch	1
10	-92153 ①	. Release - Trigger	1	24	62451	Control - Switch	1
11	110668 ②	Screw - Fil hd 8-36 x 5/8	1	25	62950A	Base - Switch	1
12	87178 ②	Spring - Throttle return	1	26	68846	Button - Switch	1
13	88796 ②	Trigger	1	27	69564 ③	Seal - Airbox	1
14	85451 ②	Latch Assembly - Throttle	1				

- ① Used on models with serial number prefix 13-.
 ② Used on models with serial number prefix 11-, 12-.
 ③ Furnished on a 12-1/2 inch strip containing 9 beads (enough for 9 replacements).

Accessories

Part Number	Description	Part Number	Description
91090 ①	Bar-16" Sprocket Nose (U)	84453	Kit-Piston tool
86979N ①	Chain Asy-16" PM370 (U)	86330	Kit-Spike
89502 ②	Bar-16" MAC 10 (U)	102388	. Screw-Hx hd 10-24 x 5/8
89521N ②	Chain Asy-16" PM350 (U)	24236	. Washer-Special
69210	Piston Asy-.020 in. oversize	101191	. Nut-Hx 10-24
62813	. Ring Set-Piston .020 in. oversize	63746	Wrench
69211	Piston Asy-.030 in. oversize	85933	Kit-Spark Arrester Screen (A)
62812	. Ring Set-Piston .030 in. oversize	89431	Kit-Spark Arrester Screen (B,U,E,K)
86419	Guide-Timing	63097	Spark Plug (Standard)
69191	Kit-Pressure Test Adapter	63432	Spark Plug (Cooler)

- ① Used on models with serial number prefix 13-.
 ② Used on models with serial number prefix 11-, 12-.

Service Specifications

Spark Plug Gap	-	.025 inch (.63 mm)
Lamination Gap	-	.010 to .012 inch (.25 to .30 mm)
Breaker Point Gap	-	.019 to .020 inch (.48 to .51 mm)
Timing	-	26° BTDC
Clutch Engagement Speed		2800 to 3000 R.P.M.
Torques	-	Connecting Rod Screws: 65 to 70 inch/pounds (75 to 81 cm/kg)
		Clutch Nut: 160 to 170 inch/pounds (184 to 196 cm/kg)
		Flywheel Nut: 265 to 325 inch/pounds (305 to 374 cm/kg)

PRO 10-10 Automatic

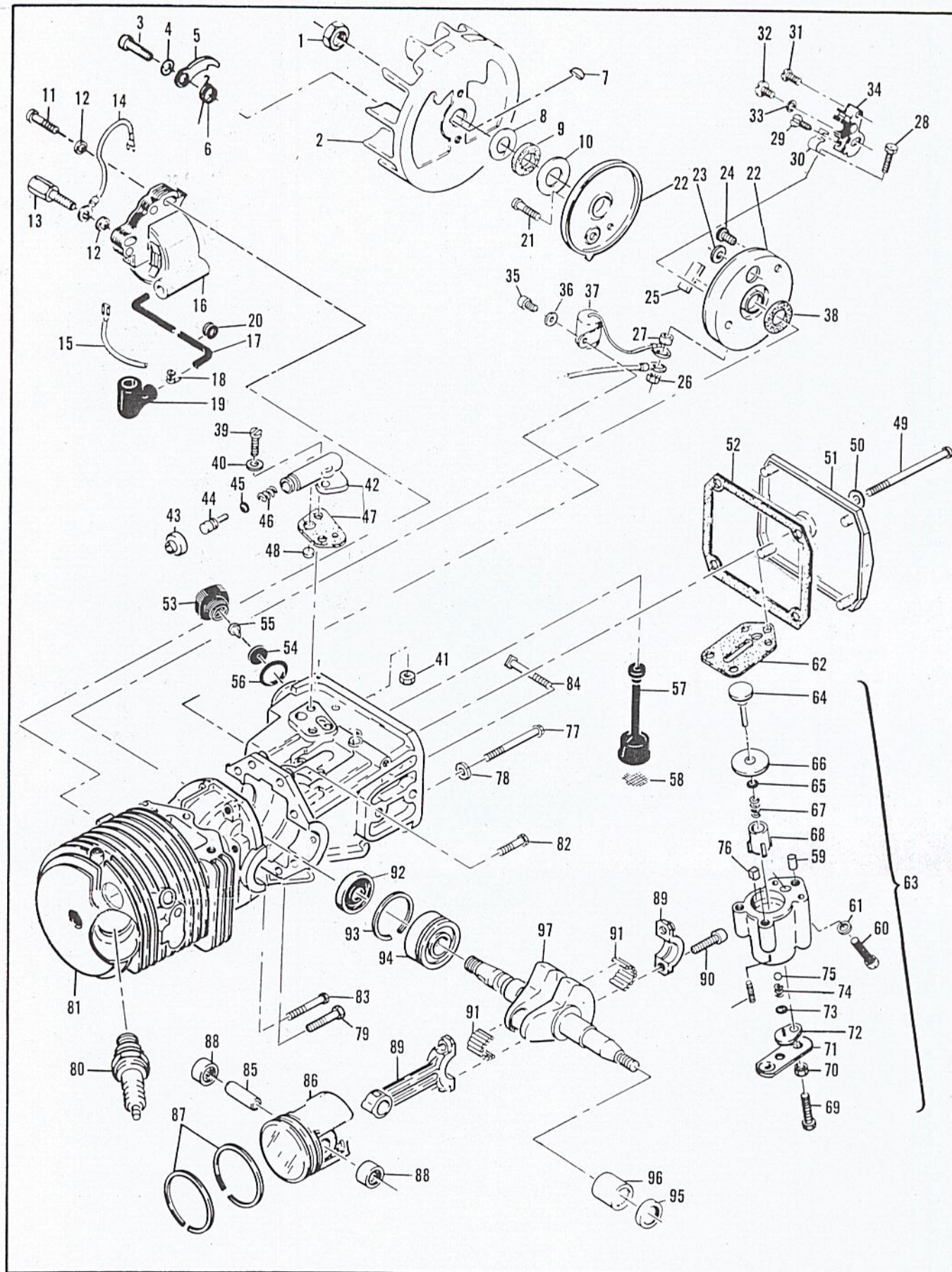


Figure 7. Powerhead Assembly

Figure 7. Powerhead Assembly

Item No.	Part Number	Description	Units Per Asy.	Item No.	Part Number	Description	Units Per Asy.
1	110703	Nut-Hx 3/8-24	1	50	110921	Washer-Sealing	1
2	86068	Flywheel	1	51	86304	Cover-Oil tank	1
3	88804	Screw-Pawl pivot	2	52	86306	Gasket-Cover	1
4	83241	Washer-Special	2	53	87270	Cap-Oil tank	1
5	67546	Pawl-Starter	2	54	87269	Retainer-Valve	1
6	67545	Spring-Pawl	2	55	86402	Valve-Check	1
7	100106	Key-Woodruff	1	56	101148	"O" Ring	1
8	67057	Washer-Thrust	1	57	91672	Hose Asy-Oil	1
9	67056	Seal-Breaker box cover	1	58	51506	. Screen-Hose	1
10	67054	Washer-Thrust	1	59	91774	Sleeve	1
11	110127	Screw-Hx hd 10-24 x 7/8 (SEMS)	1	60	110865	Screw-Hx hd 10-24 x 7/8	1
12	100002	Washer-#10	2	61	100003	Washer-#10	1
13	83512	Stud-Special	1	62	-92818	Seal-Pulse pump	1
14	84686	Wire Asy-Ground	1	63	-89115A	Pump Asy-Pulse	1
15	69344	Wire Asy-Primary	1	64	60260A	. Piston Asy-Pump	1
16	-87246A	Coil & Lamination Asy	1	65	105603	. "O" Ring	1
17	50120	. Wire Asy-Spark plug	1	66	86182	. Ring-Piston	1
18	55061	. . Connector	1	67	60259	. Spring-Piston	1
19	85758	. . Boot	1	68	62227	. Sleeve-Adjustment	1
20	-100268	. Grommet	1	69	110386	. Screw-Hx hd 8-32 x 1	1
21	110584	Screw-Pan hd 8-32 x 3/4	1	70	100251	. Nut-Hx 8-32	1
22	91852	Kit-Breaker Box & Cover	1	71	89114	① . Clamp-Pump	1
23	91838	. Washer	1	72	62407	. Cover-Outlet valve	1
24	110489	. Screw-Pan hd 6-32 x 7/16	1	73	106104	. "O" Ring	1
25	54184	Wiper-Cam	1	74	-92844	. Spring-Outlet valve	1
26	100298	Nut-Hx 6-32	1	75	102809	. Ball	1
27	62365	Spacer-Breaker	1	76	-91259	. Pad-Pump	1
28	110346	Screw-Hx hd 6-32 x 3/4	1	77	62105	Screw Asy-Sealing	4
29	110706	Screw-Pan hd 8-18 x 1/2	1	78	62842	. Washer-Sealing	4
30	83126	Strap-Conduction	1	79	110288	Screw-Hx hd 8-32 x 3/4	1
31	110811	Screw-Pan hd 8-32 x 3/8	1	80	63097	Spark Plug	1
32	-110969	Screw-Hx hd 8-32 x 1/2	1	81	-84113A	Cyl/C'Case Asy	1
33	105976	Washer-#8	1	82	110288	. Screw-Hx hd 8-32 x 3/4	2
34	88808	Breaker Asy	1	83	110618	. Screw-Hx hd 8-32 x 1-3/8	1
35	-110623	Screw-Fil hd 8-32 x 1/2	1	84	62065	. Bolt-Bar mounting	2
36	100080	Washer-#8	1	85	61649	Pin-Piston	1
37	85358	Condenser	1	86	69212	Piston Asy	1
38	67051	Seal-Breaker box	1	87	62814	. Ring Set-Piston	1
39	110338	Screw-Fil hd 8-32 x 1/2	2	88	103085	. Bearing-Needle	2
40	110613	Washer-#8	2	89	65401	Connecting Rod Asy	1
41	100955	Nut-Hx 8-32	1	90	61627A	. Screw-Skt hd Special	2
42	84156	Housing-Pump	1	91	63225	. Roller-Needle (Set of 20)	1
43	62262	Cap-Housing	1	92	67906	Seal-Oil	1
44	62266	Plunger-Pump	1	93	63464	Ring-Snap	1
45	105614	"O" Ring	1	94	67905	Bearing-Ball	1
46	66687	Spring-Pump	1	95	110260	Seal-Oil	1
47	91669	Gasket-Pump	1	96	104357	Bearing-Needle	1
48	91668	Valve-Pump	1	97	87699	Crankshaft	1
49	110291	Screw-Pan hd 10-24 x 2-5/8	1				

① Used on models with serial number prefix 11-, 12-.