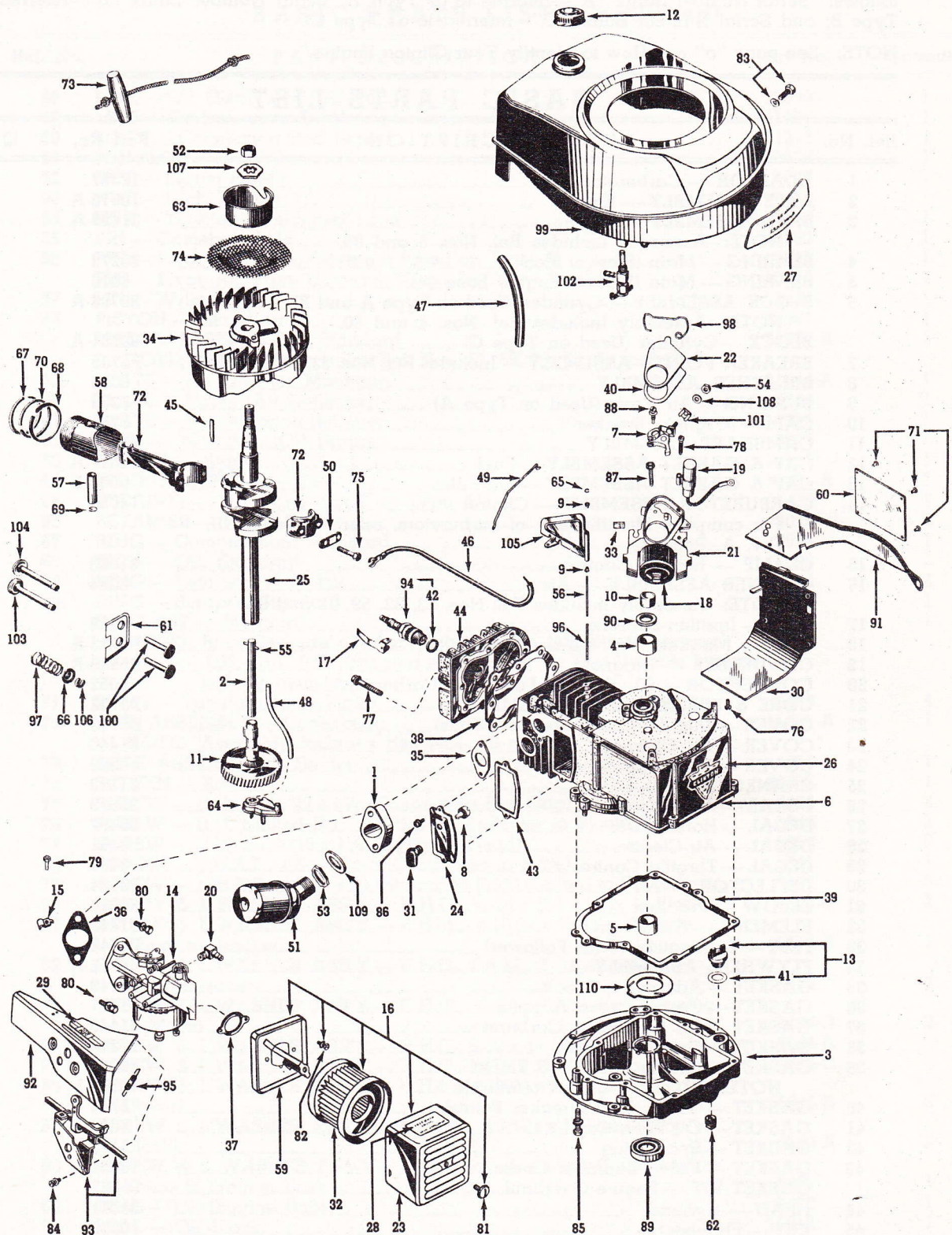




CLINTON

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V-3100-1000					
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**BASIC
TYPE**

SEC. II, DIV. V-3100-1000
PARTS CATALOG
Revised November, 1959
Supersedes Dec., 1958

There are three Basic Types of the V-3100-1000 Engine covered by this Basic Parts List. These are as follows: Serial Number Suffix "A"—referred to as Type A; Serial Number Suffix "B"—referred to as Type B; and Serial Number Suffix "C"—referred to as Type C.

NOTE: See page "a" on "How to Identify Your Clinton Engine."

BASIC PARTS LIST

Ref. No.	PART DESCRIPTION	Part No.	Quantity
1	ADAPTOR — Carburetor	12367	1
2	AXLE ASSEMBLY — Engine	10310-A	1
3	BASE ASSEMBLY — Engine	31488-A	1
	NOTE: Assembly includes Ref. Nos. 5 and 89.		
4	BEARING — Main (Sleeve) Block	90278	1
5	BEARING — Main (Sleeve) Engine Base	9016	1
6	BLOCK ASSEMBLY — Cylinder (Used on Type A and B)	90796-A	1
	NOTE: Assembly includes Ref. Nos. 4 and 90.		
	BLOCK — Cylinder (Used on Type C)	90981-A	1
7	BREAKER POINTS ASSEMBLY — Includes Ref. Nos. 33, 54, 88 & 108	P5735	1
8	BREATHER ASSEMBLY	6354	1
9	BUSHING — Air Vane (Used on Type A)	7239	2
10	CAM — Magneto Breaker	5751	1
11	CAMSHAFT ASSEMBLY	31008	1
12	CAP & GASKET ASSEMBLY — Fuel	4517-A	1
13	CAP & GASKET ASSEMBLY — Oil Filler	5095-1	1
14	CARBURETOR ASSEMBLY — Clinton	14055	1
	For complete identification of carburetors, refer to Section III, Div. A, Page 2.		
15	CLAMP — Remote Control	31463	1
16	CLEANER ASSEMBLY — Air	6394	1
	NOTE: Assembly includes Ref. Nos. 23, 32, 59, 81 and 82.		
17	CLIP — Ignition Shorting	3499	1
18	COIL — Magneto (Without Laminations)	P5733-A	1
19	CONDENSER — Magneto	P5589-A	1
20	CONNECTOR — 90° Flexible Fuel Line (Carburetor)	5052	1
21	CORE & BREAKER BOX ASSEMBLY	P5732	1
22	COVER — Dust (Magneto Breaker Points)	P5743	1
23	COVER — Air Cleaner	31446	1
24	COVER — Valve Chamber	10323	1
25	CRANKSHAFT	31128	1
26	DECAL — Arrowhead	90559	1
27	DECAL — Horsepower	90497	1
28	DECAL — Air Cleaner	3461	1
29	DECAL — Throttle Control	3488	1
30	DEFLECTOR — Air	90504	1
31	ELBOW — Breather	90610	1
32	ELEMENT — Air Cleaner	31442	1
33	FELT — Lubrication (Cam Follower)	P5742	1
34	FLYWHEEL ASSEMBLY	5752-A	1
35	GASKET — Adaptor to Block	7149	1
36	GASKET — Carburetor to Adaptor	31461	1
37	GASKET — Air Cleaner to Carburetor	31445	1
38	GASKET — Cylinder Head	10253	1
39	GASKET — Engine Base (.015 Thick)	10254	1
	NOTE: .010 thick gasket available	10254-1	
40	GASKET — Cover, Dust (Breaker Points)	P5744	1
41	GASKET — Oil Filler Cap	5097	1
42	GASKET — Spark Plug	3115	1
43	GASKET — Valve Chamber Cover	10251	1
	GASKET KIT — Engine Overhaul	91562	1
44	HEAD — Cylinder	31011	1
45	KEY — Flywheel	10339	1
46	LEAD — Hi-Tension, Magneto	P5555	1
47	LINE — Flexible, Fuel	6316	1

CLINTON

S E R I E S
V-3100-1000
C L I N T A L L O Y

**BASIC
TYPE**

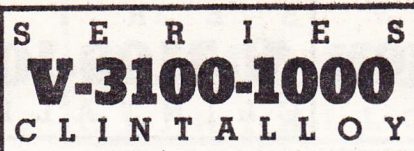
BASIC PARTS LIST (Continued)

Ref. No.	PART DESCRIPTION	Part No.	Quantity
48	LINE — Oil Distributor (Oil Pump).....	10390	1
49	LINK — Carburetor to Air Vane.....	31491	1
50	LOCK — Connecting Rod Screw.....	21318	1
51	MUFFLER.....	3639	1
52	NUT — Starter Pulley.....	5877	1
53	NUT — Lock, Muffler.....	4425	1
54	NUT — Terminal Condenser Lead.....	5740	1
55	PIN — Camshaft Axle.....	10392	1
56	PIN — Pivot, Air Vane, Governor (Used on Type A).....	7238	1
	PIN — Pivot, Air Vane Governor (Used on Types B and C).....	10015	1
57	PIN — Wrist.....	6024	1
58	PISTON — Standard.....	31001	1
	PISTON ASSEMBLY — Standard.....	31001-A	1
	NOTE: Assembly includes Ref. Nos. 57, 58, 67, 68, 69 and 70.		
59	PLATE — Air Cleaner Mounting.....	31444-A	1
60	PLATE — Name (Air Deflector).....	6530	1
61	PLATE — Valve Spring Retainer.....	10013	1
62	PLUG — 3/8 N.P.T., (Oil Drain).....	5627	1
63	PULLEY — Starter.....	12397	1
64	PUMP ASSEMBLY — Oil.....	10385-A	1
65	RETAINER — Air Vane (Used on Type A).....	4430	1
66	RETAINER — Valve Spring.....	3028	2
67	RING — Compression, Standard.....	6026	1
68	RING — Oil, Standard.....	6006	1
69	RING — Retainer, Wrist Pin.....	6034	2
70	RING — Scraper, Standard.....	6027	1
	RING SET — Standard.....	10023	1
	NOTE: Ring Sets are also available in the following oversizes: .005, .010, .020, .030, and .040. Order by Part Number and specify oversize.		
71	RIVET — Tubular (Name Plate).....	5469	4
72	ROD ASSEMBLY — Connecting.....	31002-A	1
	NOTE: Assembly includes Ref. Nos. 50 and 75.		
73	ROPE ASSEMBLY — Starter.....	4266	1
74	SCREEN — Rotating.....	90092	1
75	SCREW — H.H.C., 1/4-28 x 1 1/4 (Connecting Rod Cap).....	3235	2
76	SCREW — H.H. Slotted S.T., #8-32 x 3/8 (Deflector to Block).....	5644	2
77	SCREW — H.W.H., 5/16 x 1 1/8 (Cylinder Head).....	5654	8
78	SCREW — R.H.S.T., #8-32 x 4/5 (Condenser to Plate).....	5741	1
79	SCREW — H.H.S.T., #8-32 x 1/4 (Shroud to Brkt.) (Clamp to Shroud).....	5892	3
80	SCREW & L'WASHER ASS'Y — H.H.C., 1/4-28 x 1 1/4 (Carb. to Block).....	5926-G	2
81	SCREW & L'WASHER ASS'Y — R.H.M., #10-32 x 3/8 (Air Cleaner Cover to Bracket).....	3216-A	1
82	SCREW & L'WASHER ASS'Y — H.H.C., #8-32 x 7/16 (Air Cleaner to Carburetor).....	5812	2
83	SCREW & L'WASHER ASS'Y — H.H.C., 1/4-20 x 1/2 (Blower Housing to Block).....	3205-G	2
84	SCREW & L'WASHER ASS'Y — H.H.C., 8-32 x 3/8 (Bracket to Carb.).....	5644-A	2
85	SCREW & L'WASHER ASS'Y — H.H.C., 1/4-20 x 1 1/4 (Base to Block).....	5613-G	7
86	SCREW & L'WASHER ASS'Y — H.H.C., #10-24 x 1/2 (Valve Chamber Cover).....	5645-A	2
87	SCREW & L'WASHER ASS'Y — P.H.S.T., #10-24 x 1 (Lamination to Block).....	5682-A	2
88	SCREW & L'WASHER ASS'Y — O.H. Slotted #8-32 x 9/16 (Breaker Points to Breaker Box).....	5737	1
89	SEAL — Oil (Engine Base).....	9029	1
90	SEAL — Oil (Block).....	10012	1
91	SHIELD — Flywheel.....	90503	1
92	SHROUD ASSEMBLY — Carburetor.....	31438	1
93	SLIDE ASSEMBLY — Governor Regulating.....	6398	1

CLINTON**S E R I E S
V-3100-1000
CLINTALLOY****BASIC
TYPE****SEC. II, DIV. V-3100-1000
PARTS CATALOG**
Revised November, 1959
Supersedes Dec., 1958**BASIC PARTS LIST (Continued)**

Ref. No.	PART DESCRIPTION	Part No.	Quantity
94	SPARK PLUG & GASKET ASSEMBLY	K90531-A	1
95	SPRING — Extension (Speed Regulating)	90635	1
96	SPRING — Compression (Air Vane) (Used on Type A)	10005	1
97	SPRING — Valve	3068	2
98	SPRING — Breaker Box Cover	P5745	1
99	TANK ASSEMBLY — Fuel	10370-D	1
NOTE: Assembly includes Ref. No. 12.			
100	TAPPET — Valve	10009	2
101	TERMINAL — Jamtite Breaker Points	P5738	1
102	VALVE — Fuel Shut-Off (Flexible Line) (Used on Types A and B)	5051	1
	CONNECTOR — Fuel (Used on Type C)	5056	1
103	VALVE — Exhaust	10301	1
	VALVE — Exhaust (.010 Oversize)	10321	1
104	VALVE — Intake	10302	1
	VALVE — Intake (.010 Oversize)	10322	1
105	VANE — Air Governor (Used on Type A)	10393	1
	VANE — Air Governor (Used on Types B and C)	10014	1
106	WASHER — "C" (Valve Keeper)	3291	2
107	WASHER — Starter Pulley	5880	1
108	WASHER — Terminal Condenser Lead	5739	1
109	WASHER — Muffler	7444	1
110	WASHER — Crankcase Thrust (Used on Type C)	2464	1

CLINTON



**MODEL
VARIATIONS**

MODEL VARIATIONS OF V-3100-1000 SERIES

The adaptation of Clinton Engines to a wide variety of uses results in what is known as "Model Variations." Following is the complete list of all Models produced up to issue date (shown above). Opposite each Engine Model listed are the Part Numbers and/or Assembly Numbers for the Series used IN ADDITION TO or IN PLACE OF the parts illustrated and shown on the Basic Parts List preceding this Model Variations List. Refer to other sections of this Manual when Assembly Numbers are given to find the Parts List for these assemblies.

See page (a) on "How to Identify Your Clinton Engine." Use the preceding Basic Parts List except as shown below.

ENGINE MODEL—See page (a), "How to Identify Your Clinton Engine."		FOOTNOTES (Check page two).		BASE—ENGINE (Part Numbers Shown). Refer to Sec. IV, Div. A for further information.		BLOCK ASSEMBLY — CYLINDER (Part Number Shown). Refer to Illustrated Basic Parts List for corresponding part.		CRANKSHAFT (Part Numbers Shown). Refer to Sec. IV, Div. B for details and further information.		BEARING—MAIN (Part Numbers Shown). Refer to Illustrated Basic Parts List for corresponding part.		CONTROL GROUP (Control Group Illustration Numbers Shown). Refer to Sec. III, Div. D for Parts List.		CONTROL CABLE LENGTH — Replacement cable is furnished in 72" length ONLY, cut to length shown.		PLATE ASSEMBLY — BEARING (Part Numbers Shown). Refer to Illustrated Basic Parts List for corresponding part.		MUFFLER OR MANIFOLD (Part Numbers Shown). Refer to Illustrated Basic Parts List for corresponding part.		STARTER — RECOIL. Refer to Sec. III, Div. H for Parts List.		HOUSING ASSEMBLY — BLOWER (Part Numbers Shown). Refer to Basic Parts List for corresponding part.		REDUCTION GEAR (Assy. Nos. Shown). Refer to Sec. III, Div. C for Parts List.		MOUNTING POSITION — "Clock" position shows mounting of reduction unit in relation to Crankshaft.	
V-3100-1000		NO VARIATION—USE BASIC PARTS LIST																		P90996		10313-B					
V-3100-1104																											
V-3100-1106		Note 4		31007-A		31313												P90996		10313-B							
V-3100-1107		Note 4		31007-A		31307												P90996		10313-B							
V-3100-1108		Note 3				31333												P90996		10313-B							
V-3100-1109		Note 3				31328												P90996		10313-B							
V-3100-1110		Notes 1, 2, 3												72"		6342		P90996		10313-B							
V-3100-1111		Notes 3 & 4		31007-A														P90996		10313-B							
V-3100-1113						31327												P90996		10313-B							
V-3100-1114						31308												P90996		10313-B							
V-3100-1116		Notes 1, 2, 3																P90996		10313-B							
V-3100-1117		Note 3														6342		P90996		10313-B							
V-3100-1120		Note 3																P90996		10313-B							
V-3100-1122		Notes 1 & 3				31303												P90996		10313-B							
V-3100-1123						31331										4500		P90996		10313-B							
V-3100-1124		Notes 3 & 4		31007-A		31334												P90996		10313-B							
V-3100-1125		Note 3				31332												P90996		10313-B							
V-3100-1126		Notes 3 & 5																P90996		10313-B							
V-3100-1128						31328																					
V-3100-1129		Note 3				31328												P90996		10313-B							
V-3100-1131																		P90996		10313-B							
V-3100-1132		Note 3				31328												P90996		10313-B							
V-3100-1133						31307												P90996		10313-B							
V-3100-1134		Notes 2 & 3				31332												P90996		10313-B							
V-3100-1135		Note 3				31328												P90996		10313-B							
V-3100-1137		Notes 3 & 8				31305												P90996		10313-B							
V-3100-1138		Notes 3 & 4		31007-A		31338												P90996		10313-B							
V-3100-1139		Notes 6, 8, 9														10070-A		P90996		10313-B							
V-3100-1140		Note 3				31337												P90996		10313-B							
V-3100-1141		Notes 3, 4, 6, 12		31007-A		31339												P90996		10313-B							
V-3100-1142		Notes 3, 4, 5, 6		31007-A		31332												P90996		10313-B							
V-3100-1143		Note 3												72"				P90996		10313-B							
V-3100-1144						31328								72"				P90996		10313-B							
V-3100-1145		Notes 3, 4, 10		10053-B		31169										6342		P90996		10313-B							
V-3100-1146		Notes 3, 7, 13		31055-A		91348		16127										P90996		10313-B							
V-3100-1147		Notes 3, 4, 11														10070-A		P90996		10313-B							
V-3100-1148		Note 3				31119										6342		P90996		10313-B							
V-3100-1149		Note 8														6342		P90996		10313-B							
V-3100-1150																6342		P90996		10313-B							
V-3100-1151		Note 6																P90996		10313-B							
V-3100-1152		Note 3																P90996		10313-B							

CLINTON

**S E R I E S
V-3100-1000
CLINTALLOY**

**MODEL
VARIATIONS**

**SEC. II, DIV. V-3100-1000
PARTS CATALOG**
Revised November, 1959
Supersedes June, 1959

MODEL VARIATIONS OF V-3100-1000 SERIES (Cont.)

- NOTE 1—This Unit Requires Special Length on Starter Recoil.
- NOTE 2—Use 12379 Cover (Recoil Starter).
- NOTE 3—Use 14290 Grommet, 10364 Clip (Shorting), 31486 Grommet, 12409-A Wire Ass'y, 5522 Nut, 5647 Screw, 3462 Decal.
- NOTE 4—Use 5649 Plug (Pipe), 5655 Plug (Pipe).
- NOTE 5—Use 4181 Cover (Spark Plug).
- NOTE 6—Use 10320 Knob, 5444-A Screw & L'Washer Ass'y, 5481L'Washer.
- NOTE 7—Use 4429 Seal (Oil), 5649 Plug (Pipe), 5655 Plug (Pipe), 10385-A Pump Ass'y (Oil), 10390 Line (Oil Distributor), 31008-A Camshaft, 7238 Pin (Governor Vane Pivot), 10393 Vane (Air Governor), 9239 Bushing (Governor Vane), 4430 Retainer (Air Vane), 10020 Link (Air Vane), 10005 Spring (Compression), 31512 Insert (Valve Seat), 90722 Spring (Compression), 12363-A Rotocap Ass'y, 90732 Valve (Exhaust, Stellite), 12362 Pin (Valve).
- NOTE 8—Use 90795 Element (Pre-Cleaner).
- NOTE 9—Use 10075 Nut (Muffler Hold-Down), 10022-A Cover Assembly (Muffler), 7044 Nut (Wing).
- NOTE 10—Use 4429 Seal (Oil), 90916 Pulley Assembly (Starting).
- NOTE 11—Use 4954 Pulley (Starting), 4955 Screw (Rotating).
- NOTE 12—Use 7274 Connector (90°).
- NOTE 13—Whenever the base or crankshaft are replaced on this model, it is necessary that the other is replaced also.