

A Wide Range of Models are Made By

CLINTON

For Farm, Home and Industrial Use.

ENGINES

	H.P.	R.P.M.
VS-100-4000	1.5-----	2200
	2.0-----	2800
	2.5-----	3600

GENERAL SPECIFICATIONS

Model	Type	Description	Starter	Weight
VS-100-4000	Air-Cooled	Vertical Shaft	Rope	20 lbs.
VS-100-4000	Air-Cooled	Vertical Shaft	Recoil	21½ lbs.

BORE: 2¾"**STROKE:** 1½"**TYPE:** Single cylinder, L-Head, air-cooled.**AIR COOLED:** Large capacity, curved vane blower cast integral with flywheel. Air passes through deep fins to maintain correct operating temperature.**PISTON DISPLACEMENT:** 7.2 cu. inches.**IGNITION:** Very high voltage, built-in fly-wheel magneto for faster starting. Moisture and dust proof with fully enclosed ignition points.**SPARK PLUG:** 14 mm.**LUBRICATION:** Positive pressure type.**CARBURETOR:** Full float feed with idle and high speed adjustment. Choke control on high speed end.**GOVERNOR:** Adjustable pneumatic type.**MAIN BEARINGS:** Bronze and aluminum.**CRANKSHAFT:** Ductile iron. Counterweights and cam drive gear integral with shaft.**CONNECTING ROD:** I-Beam, aluminum alloy with extra large bearings.**PISTON:** Aluminum alloy, Clinton-engineered for efficient combustion.**PISTON RINGS:** Two compression and one oil control. Treated surfaces.**VALVES:** Steel. Exhaust valve provided with heat-resistant alloy head.**VALVE TAPPETS:** Hardened and ground.**CYLINDER AND CRANKCASE:** Die cast cylinder block and crankcase with large amount of cooling area for cool operation. A close-grained cast iron liner is die cast in block.**CYLINDER HEAD:** Aluminum, removable with extra deep cooling fins.**OIL FILLER:** Conveniently located for easy check of oil level and for filling.**AIR CLEANER:** Heavy duty, automotive, dry type.**FUEL TANK:** Approx. one quart capacity, with gasoline strainer and shut-off.**OIL RESERVOIR:** One and one-fourth pints capacity.**DIRECTION OF ROTATION:** Counter-clockwise, viewed from power take-off shaft side.**FINISH:** Red heat-resisting enamel. Other colors available upon request.

STANDARD EQUIPMENT

Standard equipment includes: Cast iron cylinder liner, replaceable bearing, positive high speed limit, throttle lever for throttle and choke control, heavy duty automotive dry-type horizontal air cleaner, high voltage dust and moisture-proof flywheel magneto, float feed carburetor, fuel tank, low back-pressure muffler, blower housing screen, rope starter, splash-proof gas tank cap, safety stop device, fuel shut-off valve. Crankshaft extension #1 unless otherwise specified.

SPECIAL EQUIPMENT

Special equipment includes: Remote throttle cable and controls, recoil starter, shorting terminal for remote stop hookup, deluxe mufflers, special paint finishes, special Touch 'N' Go controls, resistor spark plugs, special crankshaft extension, impulse starter. (Quotations available on request.)



WORLD'S LARGEST MANUFACTURER OF A COMPLETE LINE OF AIR-COOLED GASOLINE ENGINES

CLINTON ENGINES PROVIDE POWER

FOR FARM • HOME • INDUSTRIAL EQUIPMENT

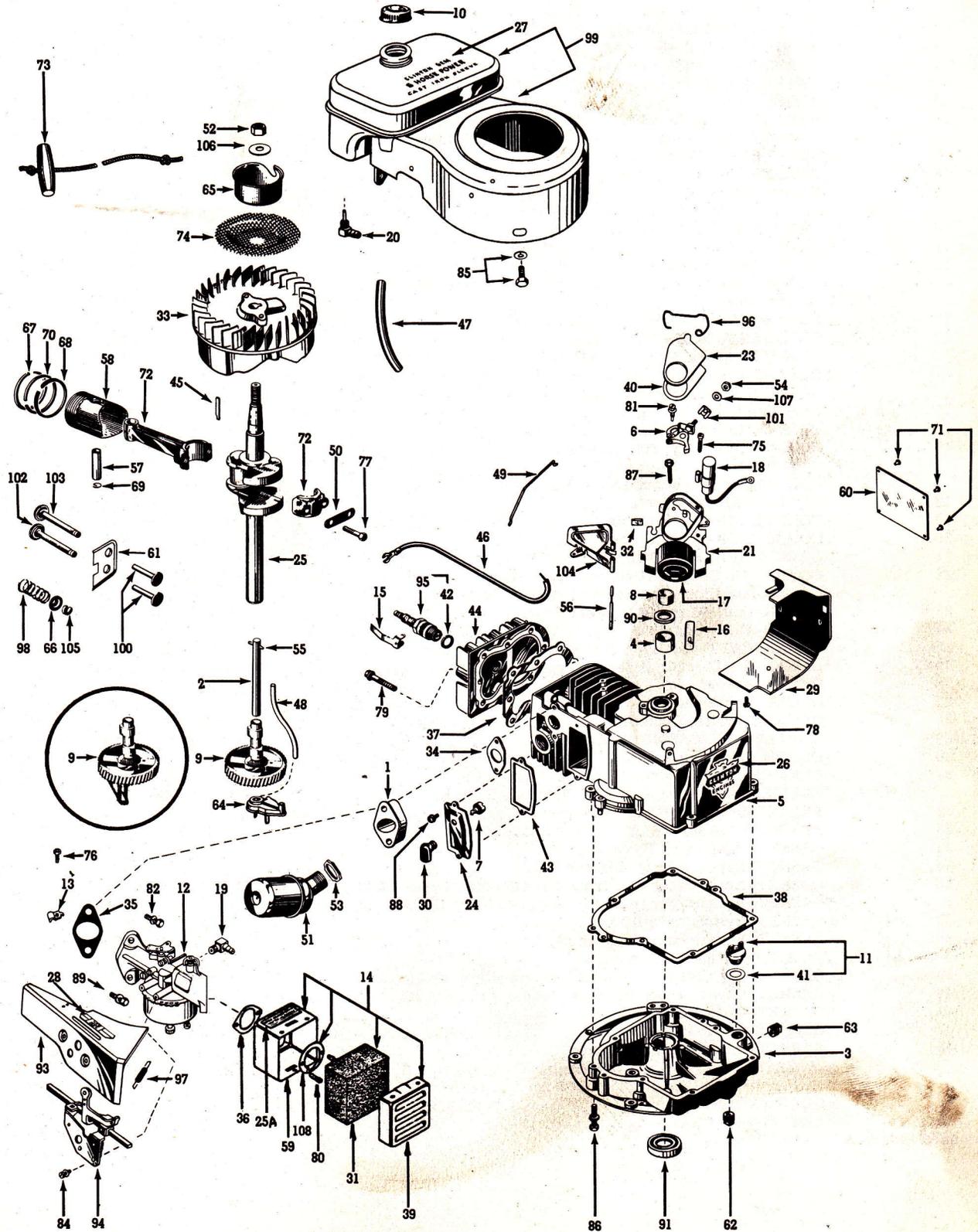
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CLINTON

S E R I E S
VS-100-4000
G E M

BASIC
TYPE

SEC. II. DIV. VS-100-4000
PARTS CATALOG
Revised March, 1961
Supersedes Dec., 1959



CLINTON ENGINES CORPORATION

MAQUOKETA, IOWA

PRINTED IN U.S.A.

There are five Basic Types of the VS100-4000 Series Engine covered by this Basic Parts List. Parts not used on all types are noted. These types are shown as follows: Serial Number Suffix "A"- referred to as Type A; Serial Number Suffix "B"; Serial Number Suffix "C"- referred to as Type C;, etc.

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

Ref. No.	Part Description	Part No.	Quan.
1	ADAPTER-Carburetor	12367	1
2	AXLE ASSEMBLY-Camshaft (Includes Pin).....	10310-A	1
3	BASE ASSEMBLY-Engine	31492	1
4	BEARING-Block(Service Bearing)	90278	1
	BEARING-Base (Service Bearing) Not Illus.....	10016	1
5	*BLOCK ASS'Y-Cylinder Ass'y incl. Ref. No. 90.....	92017-A	1
6	BREAKER POINTS ASSEMBLY.....	P5735	1
	NOTE: Assembly incl. Ref. No.32, 54, 81 and 107.....		
7	BREATHER ASSEMBLY	6354	1
8	CAM-Magneto Breaker	5751	1
9	CAMSHAFT ASSEMBLY (Used on Types A, B, &D).....	10008-A	1
	*CAMSHAFT ASSEMBLY-Slinger (Used on Types C&E)....	91949-A	1
10	CAP & GASKET ASSEMBLY-Fuel.....	4517-A	1
11	CAP & GASKET ASSEMBLY-Oil Filler	5095-1	1
12	CARBURETOR ASSEMBLY-Clinton	P14055	1
	For complete identification of carburetors, refer to Section III, Div. A, Page 2		
13	CLAMP-Remote Control	31463	1
14	CLEANER ASSEMBLY-Air (Used on types A&B)	91195	1
	NOTE: Assembly incl. Ref. Nos. 22, 31, 39, 59, 80&83		
	*CLEANER ASSEMBLY-Air Ass'y (Used on types C, D, &E)..	92101	1
	NOTE: Assembly incl. Ref. Nos. 22, 31, 36, 59&108		
15	CLIP-Ignition Shorting	3499	1
16	CLIP-Coil Holding	P5734	1
17	COIL-Magneto -Without Laminations (Used on Types A, B, C & D)	P5733	1
	*COIL-Magneto-Without Laminations)(Used on Type E.....	P5770	1
18	CONDENSER-Magneto	P5589-A	1
19	CONNECTOR-90° Flexible Fuel Line (Carburetor).....	5052	1
20	CONNECTOR-Hose to Fuel Tank	5054	1
21	CORE & BREAKER BOX ASSEMBLY	P5732	1
22	COVER-Air Cleaner (Used on Types A&B)	2130	1
	*COVER-Air Cleaner (Used on Types C, D&E).....	91807	1
23	COVER-Dust (Magneto Breaker Points)	P5743	1
24	COVER-Valve Chamber	10323	1
25	CRANKSHAFT-Can use 10128-1 Crankshaft.....	10100-1	1
25-A	*DECAL-Air Cleaner (Used on Types C, D&E)	91767	1
26	DECAL-Arrowhead	90559	1
27	DECAL-Horsepower	90492	1
28	DECAL-Throttle Control.....	3488	1
29	*DEFLECTOR ASSEMBLY-Air	91043	1
30	ELBOW-Breather	90610	1
31	ELEMENT-Air Cleaner (Used on Types A&B)	2132	1
	*ELEMENT-Air Cleaner (Used on Types C, D&E)	91792	1
32	FELT-Lubrication (Cam Follower).....	P5742	1
33	FLYWHEEL ASSEMBLY	5753-A	1
34	GASKET-Adapter to Block	7149	1
35	GASKET-Carburetor to Adapter	31461	1
36	GASKET-Air Cleaner to Carburetor (Used on Types A&B)..	31445	1
	*GASKET-Air Cleaner to Carb. (Used on Types C, D&E)...	92098	1
37	GASKET-Cylinder Head.....	10253	1
38	GASKET-Engine Base (.015 thick)	10254	1
	Available in .010 thickness		
39	GASKET-Air Cleaner Element to Plate (Used on types A&B)	21056	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(Incl. Gaskets & Block Oil Seal).....	91562	1
44	HEAD-Cylinder	10011	1
45	KEY-Flywheel	10339	1

46	LEAD-Hi-Tension, Magneto (Used on Types A, B, C&D)	P5555	1
	*LEAD-Hi-Tension, Magneto (Used on Type E).....	P90761	1
47	LINE-Flexible, Fuel	6316	1
48	LINE-Oil Distributor(Oil Pump)(Used on Types A, B&D)	10390	1
49	LINK-Carburetor to Air Vane	31491	1
50	LOCK-Double, Connecting Rod Screw	31018	1
	MAGNETO ASSEMBLY (Used on Types A, B, C&D).....	P5731	1
	NOTE: Assembly includes Ref. Nos. 6, 16, 17, 18, 21, 23, 32, 40, 54, 75, 81, 87, 96, 101 and 107.		
	*MAGNETO ASSEMBLY (Used on Type E)	P91740	1
	NOTE: Assembly includes Ref. Nos. 6, 16, 17, 18, 21, 23, 32, 40, 54, 75, 81, 87, 96, 101 & 107.		
51	MUFFLER	3639	1
52	NUT-Hex., 1/2-20 (Starter Pulley).....	5942	1
53	NUT-Lock (Muffler)	4425	1
54	NUT-Terminal Condenser Lead.....	P5740	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, C, D&E)	90982	1
57	PIN-Wrist	6024	1
58	PISTON ASSEMBLY-Standard	31001-A	1
	NOTE: Piston Assembly includes Ref. Nos. 57, 67, 68, 69 and 70.		
	NOTE: Piston Assemblies are available in the following oversizes: .005, .010, .020, .030 and .040. Order by Part Number and specify oversize.		
59	PLATE-Air Cleaner Mounting (Used on Types A&B)	21055-A	1
	*PLATE-Air Cleaner Mounting (Used on Types C, D&E)	91806	1
60	PLATE-Name	6530	1
61	PLATE-Valve Spring Retainer	10013	1
62	PLUG-3/8 N. P. T. (Oil Drain)	5655	1
63	PLUG-Pipe Oil Drain	5649	1
64	PUMP ASSEMBLY-Oil (Used on Types A, B, &D).....	10385-A	1
65	PULLEY-Starter	3299	1
66	RETAINER-Valve Spring	3028	2
67	RING-Compression, (Standard)(Order Ring Set)	6026	1
68	RING-Oil, Standard (Order Ring Set)	6006	1
69	RING-Retainer (Wrist Pin).....	6034	2
70	RING-Scraper (Standard) (Order Ring Set)	6027	1
	RING SET-Standard	10023	1
	NOTE: Ring Set includes Ref. Nos. 67, 68 and 70.		
	NOTE: Ring Sets are available in the following over- sized: .005, .010, .020, .030, and .040. Order by Part No. and specify oversize.		
71	RIVET-Tubular (Name Plate)	5460	4
72	ROD ASSEMBLY-Connecting	10002-A	1
	NOTE: Assembly includes Ref. Nos. 50 and 77.		
73	ROPE ASSEMBLY-Starter	4266	1
74	SCREEN-Rotating	90092	1
75	SCREW-R. H. S. T., #8-32x45" (Condenser to Plate).....	P5741	1
76	SCREW-H. H. S. T., #8-32x1/4"(Shroud to Brkt)	5892	3
	(Clamp to Shroud)		
77	SCREW-H. H. C., 1/4-28x1 1/4" (Connecting Rod Cap)	3235	2
78	SCREW-H. H. S. T., #8-32x3/8"(Deflector to Block)	5644	2
79	SCREW-H. W. H., 5/16-18x1 7/8" (2-Tank Bracket)	5654	8
	(6-Cylinder Head)		
80	SCREW-H. H. C., 8-32x7/16" Lock Thread	5812	2
	(Air Cleaner Plate to Carburetor)		
81	SCREW & L'WASHER ASS'Y-R. H. M. Slotted #8-32x9/16".....	P5737	1
	(Breaker Points to Breaker Box)		
82	SCREW & L'WASHER ASS'Y-H. H. C., 1/4-20x1 1/2"	5410-G	1
	(Carburetor to Block, Upper)		
83	SCREW & L'WASHER ASS'Y-R. H. M., #8-32 x 3/8"	5457-A	1
	(Air Cleaner Cover to Bracket), (Used on Types A&B)		
84	SCREW & L'WASHER ASS'Y-H. H. C., #8-32x3/8"	5644-A	2
	(Bracket to Carburetor)		
85	SCREW & L'WASHER ASS'Y-H. H. C., 1/4-20x1/2"	3205-G	2
	(Blower Housing to Block)		
86	SCREW & L'WASHER ASS'Y-H. H. C., 1/4-20x1 1/4"	5613-G	7
	(Base to Block)		
87	SCREW & L'WASHER ASS'Y-P. H. S. T., #10-24x1	5682-A	2
	(Lamination to Block)		

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88	SCREW & L'WASHER ASS'Y-H. H. C., #10-23x1/2"	5645-A	2
	(Valve Chamber Cover)		
89	SCREW & L'WASHER ASS'Y-H. H. C., 1/4"-20x 1 3/4.....	5878-G	1
	(Carburetor to Block, Lower)		
90	SEAL-Oil (Block)	10012	1
91	SEAL-Oil (Engine Base).....	4429	1
93	SHROUD-Carburetor ...	21400	1
94	SLIDE ASSEMBLY-Governor Regulating (Used on type A)	6398	1
	SLIDE ASSEMBLY-Governor Regulating (Used on types B, C, ..	91330	1
	D & E)		
95	SPARK PLUG & GASKET ASSEMBLY-H10	K16303-A	1
96	SPRING-Breaker Box Cover	P5745	1
97	SPRING-Extension (Speed Regulating)	90635	1
98	SPRING-Valve	3068	2
99	TANK & BLOWER HOUSING ASSEMBLY-Fuel	31413-A	1
	NOTE: Assembly includes Ref. No. 10		
100	TAPPET-Valve	10009	2
101	TERMINAL-Jamtite Breaker Points	P5738	1
102	VALVE-Exhaust	10301	1
	VALVE-Exhaust-Oversize .010	10321	1
103	VALVE-Intake	10302	1
	VALVE-Intake, Oversize .010	10322	1
104	VANE-Air Governor (Used on type A)	10014	1
	VANE-Air Governor (Used on types B, C, D&E)	91033	1
105	WASHER "C" (Valve Keeper)	3291	2
106	WASHER-Starter Pulley	5941	1
107	WASHER-Terminal, Condenser Lead	P5739	1
108	*WASHER-Air Cleaner (Used on Types C, D, &E)	92024	1

SERVICE NOTES

1. Refer to Service Bulletin No. 5 For Short Block Information.
2. A few engines have been built with a solid axle oil slinger camshaft. If replacing the camshaft, use the 91949-A Oil Slinger Camshaft and 10310-A Axle as listed.
3. Service Tools available, Refer to Service Bulletin #54 for complete description and Parts Price List for Price.

TL-910 Bearing Driver for P. T. O. Side for #10016 Bearing	TL-916 Impace Nut 7/16" Crankshaft Thread.
TL-934 Bearing Driver for Magneto Side for #90278 Bearing	
TL-962 Oil Seal Driver for Magneto Side	TL-969 Puller Flywheel
TL-953 Oil Seal Driver for P. T. O. Side.	TL-938 Holder Flywheel
TL-981 Oil Seal Loader Magneto Side.	TL-929 Piston Ring Compressor.
TL-954 Oil Seal Loader P. T. O. Side.	TL-941 Crank for turning crankshaft with flywheel removed.
TL-946 Reamer Guides	TL-976 Tru-Arc Pliers for Recoil Svce.
TL-983 Rough Reamer for Block Sleeve Bearing to install 90278 Bearing.	TL-967 Engine Repair or Display Stand.
TL-982 Finishing Reamer for Block Sleeve Bearing to install 90278 Bearing.	
TL-960 Line Reamer for Replaceable Block Bearing #90278.	
TL-940 Reamer for Base Bearing, 7/8" for 10016 Bearing.	
TL-964 Line Reamer Base Bearing 7/8" for 10016 Bearing.	
TL-932 Valve Seat Cutter	
TL-957-A Valve Pilot Ass'y.	
TL-936 Cutter for .040 oversize Valve Insert for 15119 Insert.	
TL-951 Driver Valve Insert	
TL-952 Rolling Tool Valve Insert.	
TL-977 Reamer Valve Guide Std.	
TL-939 Reamer Valve Guide .010 For Valves With .010 Oversize stem.	
TL-974 Valve Spring Compression	
TL-978 Valve Lapping Tool	
TL-968 Impact Nut 1/2" Crankshaft Thread	

* Indicates New Parts Listed For the First Time.

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S	E	R	I	E	S
VS-100-4000					
G E M					

MODEL VARIATIONS
SEC. II, DIV. VS-100-4000
PARTS CATALOG
 Revised April, 1961
 Supersedes June, 1960

MODEL VARIATIONS OF VS-100-4000 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 OR IMPULSE. Refer to Sec. III, Div. H for Parts List.	HOUSING AND TANK ASSEMBLY — BLOWER (Part Nos. 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.
VS-100-4103	Note 7									P90996	31413-A		
VS-100-4104				10119-1						P90996	31413-A		
VS-100-4105				10128-1						P90996	31413-A		
VS-100-4106				10129-1						P90996	31413-A		
VS-100-4107				10113-1						P90996	31413-A		
VS-100-4108				10116-1						P90996	31413-A		
VS-100-4109	Notes 1, 2, 3			10102-1									
VS-100-4110	Notes 1, 2, 3			10102-1									
VS-100-4111										P90996	31413-A		
VS-100-4112	Notes 4, 5, 6									C6362	10313-B		
VS-100-4113	NO VARIATION—USE BASIC PARTS LIST												
VS-100-4115	Note 7									P90996	31413-A		
VS-100-4116										P90996	31413-A		
VS-100-4117	Note 7									P90996	31413-A		
VS-100-4118	Notes 7, 8									C13534	91112-A		
VS-100-4119				10106-1						P90996	31413-A		
VS-100-4120	Note 7			10101-1						P90996	31413-A		
VS-100-4122	Notes 7, 8			10101-1						C13534	91112-A		
VS-100-4123	Note 7			10102-1						P90996	31413-A		
VS-100-4124	Note 7			10103-1						P90996	31413-A		
VS-100-4125	Notes 7, 8			10103-1						C13534	91112-A		
VS-100-4126				10103-1						P90996	31413-A		
VS-100-4129	Note 9									P90996	31413-A		
VS-100-4131	Note 7			10101-1						P90996	31413-A		
VS-100-4132	Note 7									P90996	31413-A		
VS-100-4133	Notes 7, 9			91527						P90996	31413-A		
VS-100-4134	Notes 7, 10									P90996	31413-A		
VS 100-4135	Note 7									P90996	31413-A		
VS-100-4136	Note 7									P90996	31413-A		
VS-100-4137	Notes 1, 6, 9, 11									C6362	31413-A		
VS-100-4138	Notes 1, 2, 6, 9, 11									C6362	31413-A		
VS-100-4139	Note 7			10101-1						P90996	31413-A		
VS-100-4140				10101-1						P90996	31413-A		
VS-100-4141	Note 7									P90996	31413-A		
VS-100-4142	Notes 7, 8, 9			10101-1						C13534	91112-A		
VS-100-4143	Note 7									P90996	31413-A		
VS-100-4144	Notes 7, 8									C13534	91112-A		
VS-100-4145	Note 7			10101-1						P90996	31413-A		
VS-100-4146	Notes 7, 8									C13534	91112-A		

MODEL VARIATIONS OF VS-100-4000 SERIES (Cont.)

ENGINE MODEL	FOOTNOTES	BASE—ENGINE	BLOCK ASSEMBLY—	CRANKSHAFT	BEARING—MAIN	CONTROL GROUP	CONTROL CABLE LENGTH	PLATE ASSEMBLY—BEARING	MUFFLER OR MANIFOLD	STARTER—RECOIL	HOUSING ASSEMBLY—	REDUCTION GEAR	MOUNTING POSITION
VS-100-4147										P90996	31413-A		
VS-100-4148	Notes 7, 8									C13534	91112-A		
VS-100-4149										P90996	31413-A		
VS-100-4150	Note 7									P90996	31413-A		
VS-100-4151	Notes 7, 8									C13534	91112-A		
VS-100-4153	Note 7			10129-1						P90996	31413-A		
VS-100-4154	Note 7			10128-1						P90996	31413-A		
VS-100-4155	Note 14			91634						P90996	31413-A		
VS-100-4156	Note 18						72"		91016	P13516	31413-A		
VS-100-4158	Notes 12, 13			10128-1						P90996	31413-A		
VS-100-4159	Note 12			10128-1						P90996	31413-A		
VS-100-4160	Notes 12, 13			10128-1						P90996	31413-A		
VS-100-4161	Notes 7, 12			10128-1						P90996	31413-A		
VS-100-4162	Notes 1, 7, 8, 10, 12, 13, 16, 17			10102-1					91016	C13534	91112-A		
VS-100-4163	Note 7			10103-1						P90996	31413-A		
VS-100-4166	Notes 7, 8, 12			10128-1						C13534	91112-A		
VS-100-4168	Notes 8, 14			91634						C13534	91112-A		
VS-100-4170	Notes 1, 15			10103-1						P90996	31413-A		

NOTE 1—Use 5752-A Flywheel.

NOTE 2—Use 90795 Element, Precleaner.

NOTE 3—Use 31444-A Base (Air Cleaner), 31516 Element, 31446-A Cover (Air Cleaner), 3222-A Screw.

NOTE 4—Use 31438 Shroud (Carburetor).

NOTE 5—Use 91102 Base (Air Cleaner), 91100 Air Cleaner, 91004 Cover (Air Cleaner).

NOTE 6—Use 4954-A Pulley & Screen Ass'y.

NOTE 7—Use 12409-A Wire Assembly, 31486 Grommet, 10364 Clip (Shorting), 14290 Nut (Insulating), 5522 Nut, 5647 Screw.

NOTE 8—Use C13534 Impulse Starter, C91119 Cup, 90872 Screen, 4107-A Nuts (4). If original position is not required use the 31413-A Tank & Blower Housing. The above parts are available in Kit MC91538.

NOTE 9—Use 10070-A Body (Muffler), 10075 Nut (Muffler to Block), 10068-A Cover Ass'y (Muffler), 5861 Bolt (Muffler), 7044 Nut (Wing).

NOTE 10—Use 91332 Oil Level Gauge.

NOTE 11—Use 91004 Cover (Air Cleaner), 91003 Base (Air Cleaner), 91100 Element.

NOTE 12—Use 3494 Decal.

NOTE 13—Use 3493 Decal.

NOTE 14—Use 5627 Plug.

NOTE 15—Use 10323 Cover, 6354 Breather Ass'y, 4533 Tube, 91996 Connector (Tube to Elbow), 10353 Mandrel, 91610 Elbow, P14784 Carburetor. For Service of Carburetor, refer to Section III, Div. A, Page 21—the service parts are the same as the 14055 Carburetor.

NOTE 16—Use 7274 Elbow.

NOTE 17—Use 91974-A Cap and Gauge Assembly (Fuel).

NOTE 18—Use 90871 Cup, 90872 Screen, and 4107-A Nut (4). These parts and the P13516 Recoil are available in Kit No. P91866.