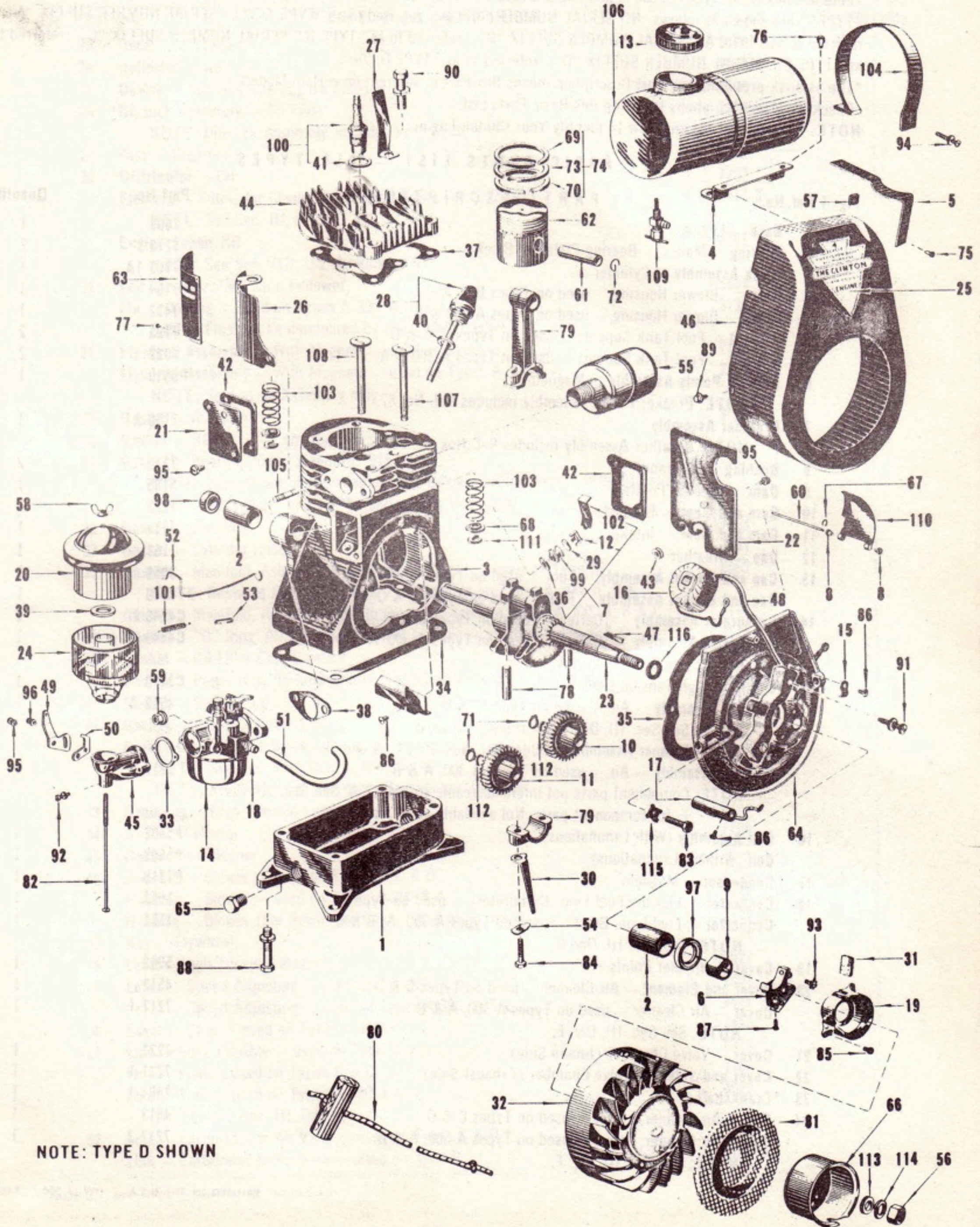


SEC. II, DIV. A-300  
PARTS CATALOG  
Revised July, 1955  
Supersedes Oct., 1953

CLINTON

S E R I E S  
**A-300**  
4 - C Y C L E

BASIC  
TYPES



NOTE: TYPE D SHOWN



# CLINTON



BASIC  
TYPES

SEC. II, DIV. A-300  
PARTS CATALOG  
Revised July, 1955  
Supersedes Oct., 1953

There are five Basic Types of the A-300 Engines covered by this Basic Parts List. Parts not used on all Types are noted. These "TYPES" are shown as follows: NO SERIAL NUMBER SUFFIX referred to as "TYPE A-300." SERIAL NUMBER SUFFIX "A" referred to as "TYPE A." SERIAL NUMBER SUFFIX "B" referred to as "TYPE B." SERIAL NUMBER SUFFIX "C" referred to as "TYPE C." SERIAL NUMBER SUFFIX "D" referred to as "TYPE D."

\*The asterisk preceding any Part Description means this Part is different on certain Models.  
Check for Model Variations following this Basic Parts List.

**NOTE:** See page no. (a) on "How to Identify Your Clinton Engine."

### BASIC PARTS LIST — ALL TYPES

Fig. 1 Ref. No.	PART DESCRIPTION	Part No.	Quantity
1	*Base — Engine	7603	1
2	Bearing — Main (1 Bearing Plate, 1 Block)	7213	2
3	Block Assembly — Cylinder	7703-1A	1
4	Brace — Blower Housing — used on Types B, C & D	7164	1
	Brace — Blower Housing — used on Types A-300 & A	7432	1
5	Bracket — Fuel Tank Support — used on Types B, C & D	7163	2
	Bracket — Fuel Tank Support — used on Types A-300 & A	7022	2
6	Breaker Points Assembly — Magneto	P5510	1
	<b>NOTE:</b> Breaker Points Assembly includes Ref. No. 87.		
7	Breather Assembly	7150-A1	1
	<b>NOTE:</b> Breather Assembly includes Ref. Nos. 12, 29, 36, 99 and 102.		
8	Bushing — Air Vane	7239	2
9	Cam — Breaker Points	5105	1
10	Cam and Gear — Exhaust	7222	1
11	Cam and Gear — Intake	7224	1
12	Cap — Breather	7151	1
13	Cap and Gasket Assembly — Fuel — used on Types A-300, A & D	3059	1
	Cap and Gasket Assembly — Fuel — used on Types B & C	7440	1
14	Carburetor Assembly — (Carter) — used on Types C & D	C4446-2	1
	Carburetor Assembly — (Carter) — used on Types A-300, A & B	C4446	1
	<b>NOTE:</b> See Sec. III, Div. A.		
15	Clamp — High Tension Lead	C3410	1
	Cleaner Assembly — Air — used on Types C & D	4512-A	1
	<b>NOTE:</b> See Sec. III, Div. F, for component parts. Cleaner Assembly includes Ref. Nos. 20, 24, 39 and 58.		
	Cleaner Assembly — Air — used on Types A-300, A & B	7217-A	1
	<b>NOTE:</b> Component parts not interchangeable with 4512-A. See Sec. III, Div. F, for component parts. Not available as an Assembly.		
16	Coil Assembly (With Laminations)	P5502	1
	Coil (Without Laminations)	P5509	1
17	Condenser — Magneto	P7219	1
18	Connector — Flexible Fuel Line (Carburetor) — used on Type D	5053	1
	Connector — Fuel Line, Brass — used on Types A-300, A, B & C	3562	1
	<b>NOTE:</b> See Sec. III, Div. G.		
19	Cover — Breaker Points	5062	1
20	Cover and Element — Air Cleaner — used on Types C & D	4512	1
	Cover — Air Cleaner — used on Types A-300, A & B	7217-1	1
	<b>NOTE:</b> See Sec. III, Div. F.		
21	Cover — Valve Chamber (Intake Side)	7221	1
22	Cover and Shield — Valve Chamber (Exhaust Side)	7231-1	1
23	*Crankshaft	7804-1	1
24	Cup — Air Cleaner, Lower — used on Types C & D	4513	1
	Cup — Air Cleaner, Lower — used on Types A-300, A & B	7217-2	1
	<b>NOTE:</b> See Sec. III, Div. F.		



**BASIC PARTS LIST — ALL TYPES (CONTINUED)**

Fig. 1 Ref. No.	PART DESCRIPTION	Part No.	Quantity
25	Decal — Arrowhead	3579	3
26	Deflector — Air	7148	1
27	Device — Shorting Clip (Spark Plug)	3599	1
28	*Dipstick Assembly — Oil Filler	7220-A	1
	NOTE: Dipstick Assembly includes Ref. No. 40.		
29	Disc — Breather	7152	1
30	*Distributor — Oil	7207	1
	Element — Filter, Air Cleaner — used on Types A-300, A & B	7217-3	1
	NOTE: See Sec. III, Div. F.		
	Engine Repair Kit	6301	1
	NOTE: See Sec. VIII, Div. A, Bulletin 57.		
31	Felt — Lubrication, Cam Follower	P5504	1
	Fin — Cooling — used on Types A-300, A, B & C	3134	3
	NOTE: Fins can be eliminated by using 6002 Gasket.		
32	Flywheel Assembly — With Magnets — used on Types B, C & D	7186-A	1
	Flywheel Assembly — With Magnets — used on Types A-300 & A	7223-A	1
	NOTE: Sold as an Assembly only.		
33	Gasket — Air Horn	3990	1
34	Gasket — Base	7211	1
35	Gasket — Bearing Plate (Standard, .015 thick)	7216	1
	NOTE: Gaskets are also available in the following thicknesses: .005, .010 and .020. Order by Part No. and specify thickness.		
36	Gasket — Breather	7153	1
37	Gasket — Cylinder Head	7201	1
38	Gasket — Manifold, Asbestos (Carburetor to Block) — used on Type D	6002	1
	NOTE: Replaces Fins and 7149 & 7168 Gaskets on Types A-300, A, B & C.		
	Gasket — Manifold, Asbestos (Fins to Block) — used on Types A-300, A, B & C	7149	1
39	Gasket — "O" Ring, Air Cleaner (Element to Cup) — used on Types C & D	4515	1
40	Gasket — Oil Filler Cap, Dipstick	3297	1
	Gasket — Paper (Fins to Carburetor) — used on Types A-300, A, B & C	7168	3
41	Gasket — Spark Plug	3115	1
42	Gasket — Valve Chamber Covers	7232	2
	Gasket Kit — Engine Overhaul	7211-A	1
	NOTE: See Sec. VIII, Div. A, Bulletin 48.		
	NOTE: Kit contains all necessary Gaskets and Oil Seals.		
43	Grommet — High Tension Lead	3283	1
44	Head — Cylinder	7200	1
45	Horn — Air Cleaner	3991	1
46	Housing — Blower — used on Types B, C & D	7160	1
	Housing — Blower — used on Types A-300 & A	7242	1
	Housing — Blower (For Recoil Starter) — used on Types B, C & D	7196-A	1
47	Key — Flywheel	7244	1
48	Lead — High Tension, Magneto	P5521	1
49	Lever — Speed Adjusting — used on Types C & D	7454	1
	Lever — Speed Adjusting — used on Types A-300, A & B	4441	1
50	Lever — Stop — used on Types C & D	7453	1
51	Line — Fuel, Flexible — used on Type D	6316	1
	Line — Fuel — used on Types B & C	7165	1
	Line — Fuel — used on Types A-300 & A	7025	1
	NOTE: See Sec. III, Div. G.		
52	Link — Carburetor to Air Vane — used on Types C & D	7172	1
	Link — Carburetor to Air Vane — used on Type B	7166	1



**CLINTON**

S	E	R	I	E	S	
<b>A-300</b>						
4	-	C	Y	C	L	E

BASIC  
TYPESSEC. II, DIV. A-300  
PARTS CATALOG  
Revised July, 1955  
Supersedes Oct., 1953

## BASIC PARTS LIST — ALL TYPES (CONTINUED)

Fig. 1 Ref. No.	PART DESCRIPTION	Part No.	Quantity
	Link — Carburetor to Air Vane — used on Types A-300 & A	7258	1
53	Link — Governor Spring	7259	1
54	Lock — Connecting Rod Screw	7206	2
55	Muffler — Tubular — used on Types C & D	3639	1
	Muffler — Pancake — used on Types A-300, A & B	7256	1
	NOTE: For replacement order 3639 Muffler.		
56	Nut — Hexagon, 7/16-20 (Starter Pulley)	3250	1
57	Nut — Square, #10-24 (Tank Straps to Bracket)	3253	2
58	Nut — Wing (Air Cleaner Screw)	7044	1
59	Nut & L'washer Ass'y — Hexagon, 1/4-28 (Carburetor Studs)	3255-A	2
	Pin — Cam Axle (Not Illustrated)	7225	2
60	Pin — Pivot, Air Vane, Governor — used on Types B, C & D	7184	1
	Pin — Pivot, Air Vane, Governor — used on Types A-300 & A	7238	1
61	Pin — Wrist	3033	1
62	Piston — Standard	3021	1
	Piston Assembly — Standard	3021-A	1
	NOTE: Piston Assemblies are available in the following oversizes: .005, .010, .020, .030 and .040. Order by Part No. and specify oversize. Piston Assembly includes Ref. Nos. 61, 62, 72 and 74.		
	Plate — Baffle, Crankcase — used on Types A-300, A & B	7235	1
63	Plate — Name, Clinton Engines	6530	1
64	Plate — Bearing	7215-A	1
	NOTE: Bearing Plate includes Ref. Nos. 2 and 97.		
	Plate Assembly — Bearing & Magneto	C7215-A1	1
	NOTE: Bearing & Magneto Plate Assembly includes Ref. Nos. 6, 16, 17, 64, 86, 91 and 93.		
65	Plug — Oil Drain	3289	1
66	Pulley — Starter	3299	1
67	Retainer — Air Vane	4430	1
68	Retainer — Valve Spring	3028	2
69	Ring — Compression, Standard	3572	1
70	Ring — Oil, 3/16, Standard — used on Types A, B, C & D	3574-1	1
	Ring — Oil, 1/8, Standard — used on Type A-300	3574	1
71	Ring — Retainer, Cam and Gear	7226	2
72	Ring — Retainer, Wrist Pin	3030	2
73	Ring — Scraper, Standard	3573	1
74	Ring Set — Standard (3/16 Oil Ring) — used on Types A, B, C & D	3048-1	1
	Ring Set — Standard (1/8 Oil Ring) — used on Type A-300	3048	1
	NOTE: Ring Sets are available in the following oversizes: .005, .010, .020, .030 and .040. Order by Part No. and specify oversize. Ring Set includes Ref. Nos. 69, 70 and 73.		
75	Rivet — Tubular, 3/16 x 3/8 (Brace to Blower Housing)	5461	2
76	Rivet — Tubular, 3/16 x 9/32 (Bracket to Blower Housing)	3619	2
77	Rivet — Tubular, Name Plate	3660	4
78	Rod — Push (Cam Gears)	7228	2
79	Rod Assembly — Connecting	7204-A	1
	NOTE: Rod Assembly includes Ref. Nos. 54 and 84.		
80	Rope Assembly — Starter	4266	1
81	Screen — Revolving	7265	1
82	Screw — F.H., #10-24 x 5-5/8 (Air Cleaner)	7249	1
83	Screw — H.H.C., 1/4-28 x 5/8 (Bearing Plate to Block)	7236	4
84	Screw — H.H.C., 1/4-28 x 1 (Connecting Rod Cap)	7205	2



BASIC PARTS LIST — ALL TYPES (CONTINUED)

Fig. 1 Ref. No.	PART DESCRIPTION	Part No.	Quantity
85	Screw — O.H.S.T., #6-32 x 3/8 (Breaker Cover to Bearing Plate)	5416	2
86	Screw — R.H.S.T., #8-32 x 1/4 (1—Baffle Plate to Block, 1—Clamp to Bearing Plate, 1—Condenser to Bearing Plate)	5415	3
87	Screw — R.H.S.T., #6-32 x 3/8 (Breaker Points Terminal)	5405	1
88	Screw & L'washer Ass'y — H.H.C., 5/16-18 x 1-3/4 (Base to Block)	3292-G	4
89	Screw & L'washer Ass'y — H.H.C., 1/4-20 x 1/2 (Blower Housing to Bearing Plate)	3205-G	2
90	*Screw & L'washer Ass'y — H.H.C., 5/16-18 x 1 (Cylinder Head to Block)	3201-D	7
91	Screw & L'washer Ass'y — Pan H.S.T., 1/4-20 x 1 (Coil to Bearing Plate)	5406-B	2
92	Screw & L'washer Ass'y — R.H.M., #8-32 x 3/4 (Air Horn to Carburetor)	7113-G	2
93	Screw & L'washer Ass'y — R.H.M., #8-32 x 5/16 (Breaker Points to Bearing Plate)	5407-F	1
94	Screw & L'washer Ass'y — R.H.M., #10-24 x 1 (Fuel Tank Straps)	5421-A	2
95	Screw & L'washer Ass'y — R.H.M., #10-32 x 3/8 (1—Speed Adjusting Lever, 4—Valve Chamber Cover)	3222-F	5
96	Screw & L'washer Ass'y — R.H.M., #8-32 x 1/4 (Stop Lever)	7143-A	1
97	Seal — Oil (Bearing Plate)	7254	1
98	Seal — Oil (Cylinder Block)	7254-1	1
99	Seal — Breather	7150	1
100	Spark Plug and Gasket Assembly	3568	1
101	Spring — Air Governor — used on Types B, C & D	4283	1
	Spring — Air Governor — used on Types A-300 & A	7263	1
102	Spring — Breather, Hold Down	7234	1
103	Spring — Valve	3068-B	2
104	Strap — Fuel Tank — (1 used on Types B & C, 2 on Types A & D)	7161	
	Strap — Fuel Tank, Offset — used on Types B & C	7162	1
105	Stud — 1/4-28 x 1-31, 64 (Carburetor to Block) — used on Types C & D	4431	2
	Stud — 1/4-28 x 1-9/32 (Carburetor to Block) — used on Types A-300, A & B	3096	2
106	Tank Assembly — Fuel	7439-A	1
	NOTE: Tank Assembly includes Ref. No. 13.		
107	Valve — Exhaust	7230	1
	Valve — Exhaust, Oversize Stem (Approx. 9/32 Dia.)	7230-1	1
108	Valve — Intake	7229	1
	Valve — Intake, Oversize Stem (Approx. 9/32 Dia.)	7229-1	1
109	Valve — Fuel, Shut-Off, Flexible Line — used on Type D	5051	1
	Valve — Fuel, Shut-Off — used on Types A-300, A, B & C	5050	1
	NOTE: See Sec. III, Div. G.		
110	Vane — Air Governor — used on Types B, C & D	7188	1
	Vane — Air Governor — used on Types A-300 & A	7237	1
111	Washer — "C", Valve Keeper	3291	2
112	Washer — End Play, Cam Gear	7437	2
	NOTE: This Washer is used only to remove end play of Cam Gear.		
113	Washer — Flat, 7/16 (Starter Pulley)	5482	1
114	Washer — Lock, 7/16 (Starter Pulley)	3275	1
115	Washer — Lock, Tab Type (Bearing Plate to Block)	7028	4
116	Washer — Thrust	7218	1
	NOTE: Thrust Washers are also available in the following oversizes: .005 and .010. Order by Part No. and specify oversize.		

AVAILABLE OVERHAUL KITS

Engine Model	Description	Kit No.
All Types	Gasket Overhaul Kit	7211-A
All Types	Engine Repair Kit	6301



# CLINTON

**S E R I E S**  
**A-300**  
**4 - C Y C L E**

MODEL  
VARIATIONS

SEC. II, DIV. A-300  
PARTS CATALOG  
Revised July, 1955  
Supersedes July, 1954

## MODEL VARIATIONS OF A-300 SERIES

The adaptation of Clinton Engines to a wide variety of uses result 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".	FUEL SYSTEM, (Illustration Numbers Shown) Refer to Sec. III, Div. G for Parts List.	BASE—ENGINE, (Part Numbers Shown) refer to Sec. IV, Div. A for details and further information.	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.	STUD-PIVOT, (Part Number Shown) This part is additional and not illustrated.	SCREW-CYL. HEAD, (Part Number Shown) Refer to Illustrated Basic Parts List for corresponding part.	SPACER-CYL. HEAD SCREW, (Part Number Shown) Used with 3292 Screw.	DISTRIBUTOR-OIL, (Part Number Shown) Refer to Illustrated Basic Parts List for corresponding part.	DIPSTICK ASSY.-OIL, (Part Number Shown) Refer to Illustrated Basic Parts List for corresponding part.	STARTER—KICK OR RECOIL, (Assembly Numbers Shown) refer to Sec. III, Div. C and Div. H for Parts Lists.
300-FP	No Variation, use Basic Parts List.									
300-FP-1	SK-330-1 72"									
300-FP-2	SK-330-1 43" 7278									
300-FP-3	SK-330-1 3293(2) 3741(2)									
300-FS-2	No Variation, use Basic Parts List.									
300-FS-3	SK-330-1 72" 3293(2) 3741(2)									
300-FS-4	SK-330-1									
300-FS-5	Note 3									
300-FS-7	SK-331-1 36" 3293(2) 3741(2)									
300-FS-8	No Variation, use Basic Parts List.									
300-FS-9	SK-331-1 3293(2) 3741(2)									
A-300-JOA	No Variation, use Basic Parts List.									
A-300-JOB	No Variation, use Basic Parts List.									
A-300-JOC	No Variation, use Basic Parts List.									
A-300-JOD	No Variation, use Basic Parts List.									
A-300-JOE	No Variation, use Basic Parts List.									
A-300-JOF	No Variation, use Basic Parts List.									
A-300-JOG	No Variation, use Basic Parts List.									
A-300-JOJ	Note 3									
A-300-JOK	No Variation, use Basic Parts List.									
A-300-JOL	Note 5									
A-300-JORA	C6311									
A-300-JORB	Notes 2 & 4 C6311									
A-300-JORC	C6311									
A-300-JORD	C6311									
A-300-JORE	Use 7807 Crankshaft Note 4 C6324									
A-300-JOSA	C6324									
A-300-JOSB	C6324									
A-300-JOSC	Use 7807 Crankshaft Note 4 C6324									
A-300-J3A	SK-905									
A-300-KOA	Note 3									
A-300-LOA	Note 1 7604 7208 7212-A									
A-300-LOB	Note 1 7604 7208 7212-A									
A-301-JOA	SK-331-1 72"									



**MODEL VARIATIONS OF A-300 SERIES (Cont.)**

For more complete description refer to first page of the Model Variations.

Eng. Mod.	Fuel	Base-Eng.	Con. Grp.	Cable	Stud	Screw	Spacer	Dis.-Oil	Dipstk.	Starter
A-301-JOAA			SK-519	72"						
A-301-JOAB			SK-519			3293(2)	3741(2)			
A-301-JOAC			SK-519	72"	7193					
A-301-JOAD			SK-519		7193					
A-301-JOAE			SK-519							
A-301-JOAF			SK-519							
A-301-JOAG			SK-519							
A-301-JOAH			SK-519	72"		(Use 7029 Air Vane)				
A-301-JOAJ			SK-521	72"		(Use 4284 Gov. Spring)				
A-301-JOAK			SK-521	72"		(Use 4284 Gov. Spring)				
A-301-JOAL			SK-519	72"		5614-G(2)	7098(2)		(Use 7097 Cylinder Hd. Bracket)	
A-301-JOAM			SK-521	72"		(Use 4284 Gov. Spring)				
A-301-JOAN	Note 4		SK-521	72"		(use 4284 Governor Spring)				
A-301-JOAP			SK-521	72"		(use 4284 Governor Spring)				
A-301-JOB			SK-331-1	48"						
A-301-JOC			SK-331-1	62"						
A-301-JOD	SK-904		SK-331-1							
A-301-JOE			SK-331-1			3293(2)	3741(2)			
A-301-JOF			SK-331-1	62"						
A-301-JOG			SK-331-1	72"						
A-301-JOH			SK-331-1							
A-301-JOJ			SK-331-1	72"						
A-301-JOK			SK-331-1	43"	7278					
A-301-JOL			SK-331-1			3293(2)	3741(2)			
A-301-JOM			SK-356	72"						
A-301-JON			SK-356	48"						
A-301-JOP			SK-356	62"						
A-301-JOR	SK-904		SK-356							
A-301-JORA	SK-905									C6311
A-301-JOS			SK-356			3293(2)	3741(2)			
A-301-JOSA			SK-519							C6324
A-301-JOSB			SK-519	72"						C6324
A-301-JOT			SK-356	62"						
A-301-JOU			SK-356	72"						
A-301-JOV			SK-519							
A-301-JOW			SK-356	72"						
A-301-JOX			SK-356	43"	7278					
A-301-JOY			SK-519			3293(2)	3741(2)			
A-301-JOZ			SK-519		7278					
A-301-LOA	Note 1	7604	SK-356			3293(2)	3741(2)			
A-331-JOA	Note 2		SK-331-1		7278					
A-331-JOB	Note 4		SK-356		7177					
A-331-JOC	Note 4		SK-519	72"						
A-331-JOD	Note 4		SK-519	28"						
A-331-JORB	Note 4		SK-519	72"						C6311
A-331-JOSB	Note 4		SK-519	72"						C6324
A-341-JOB	Note 6		SK-519	78"						



# CLINTON

## S E R I E S A-300 4 - C Y C L E

MODEL  
VARIATIONS

SEC. II, DIV. A-300  
PARTS CATALOG  
Revised July, 1955  
Supersedes July, 1954

### MODEL VARIATIONS OF A-300 SERIES (Cont.)

- Note 1** — (4) 3201 Screw, 7208 Distributor, Oil; and 7212-A Dipstick Assembly replaces 3292, 7207, and 7220-A.
- Note 2** — Use 7806 Crankshaft.
- Note 3** — Use additional parts: 4419 Elbow, 45 Street and 4425 Lock Nut.
- Note 4** — Use additional parts: 7274 Elbow, 90 Street and 4425 Lock Nut.
- Note 5** — Use 4500 Muffler and 4425 Lock Nut.
- Note 6** — Use 7808 Crankshaft; 7700-A Block Ass'y, 3806 Bearing, 3026 Oil Seal; 3554 Reduction Gear at 6:00 O'Clock; and 7157 Cable Stop.