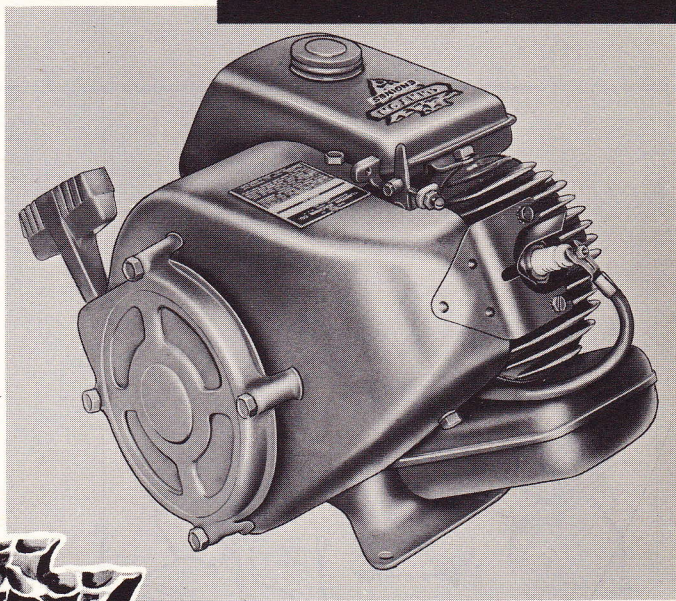
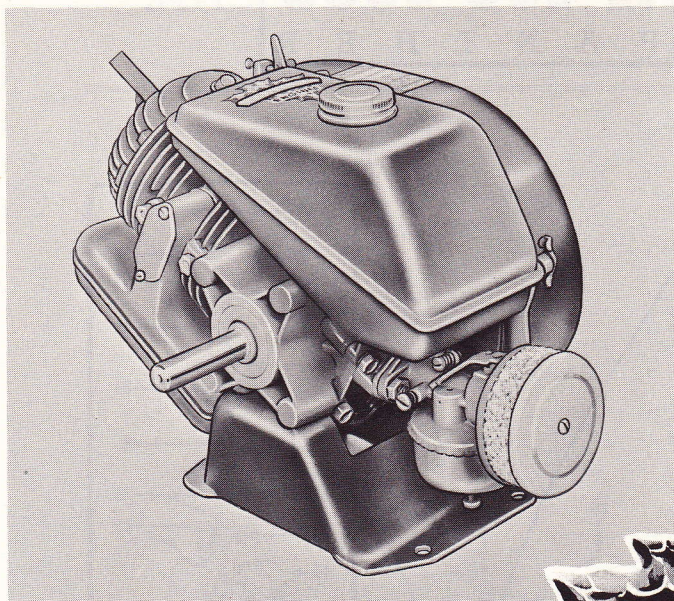
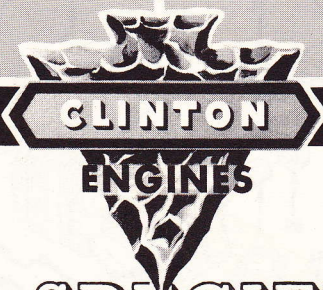


S E R I E S
A-400-1000
 P A N T H E R



A Wide Range of Models are Made By



For Farm, Home and Industrial Use.

	H.P.	R.P.M.
A-400-1000	1.2-----	1800
	1.9-----	2800
	2.5-----	3800

GENERAL SPECIFICATIONS

Model	Type	Description	Starter	Weight
A-400-1000	Air-Cooled	Horizontal Shaft	Recoil	21½ lbs.
A-400-1000	Air-Cooled	Horizontal Shaft	Rope	20 lbs.

BORE: 2½"

STROKE: 1⅝"

TYPE: Single cylinder, horizontal shaft, air-cooled.

AIR COOLED: Powerful flywheel blower forces strong air blast through deep cooling fins on cylinder and cylinder head to maintain correct operating temperature. Rotating blower screen.

PISTON DISPLACEMENT: 5.76 cu. inches.

IGNITION: Very high voltage, built-in flywheel magneto for faster starting. Moisture and dust-proof with fully enclosed ignition points. Positive safety ON-OFF device on spark plug.

SPARK PLUG: 14 mm.

LUBRICATION: Lubricating oil carried in fuel to all moving parts.

CARBURETION: Full-float feed carburetor with idle and high speed adjustment.

GOVERNOR: Adjustable pneumatic type.

MAIN BEARINGS: Bronze, large surface bearings on power take-off side designed to withstand extra stress.

CRANKSHAFT: Ductile iron has counterweights integral with shaft. Bearing surface superfinished.

CONNECTING ROD: I-beam aluminum alloy, with bronze crank pin and wrist pin bearings.

PISTON: Aluminum alloy, Clinton-engineered for efficient combustion.

PISTON RINGS: Two compression rings.

CYLINDER AND CRANKCASE: One-piece 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: Integral with cylinder casting.

AIR CLEANER: Metallic mesh dry type.

FUEL TANK: One and one-half quarts capacity.

DIRECTION OF ROTATION (viewed from power take-off side): Counterclockwise.

FINISH: Red heat-resisting enamel. Other colors upon special order.

STANDARD EQUIPMENT

Standard equipment includes: Muffler, splash-proof fuel tank cap and starting rope.

SPECIAL EQUIPMENT

Special equipment includes: Commercial ignition shielding, remote throttle cable and controls, recoil starter, shoring terminal for remote stop hookup, deluxe mufflers, special paint finishes, resistor spark plug, 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

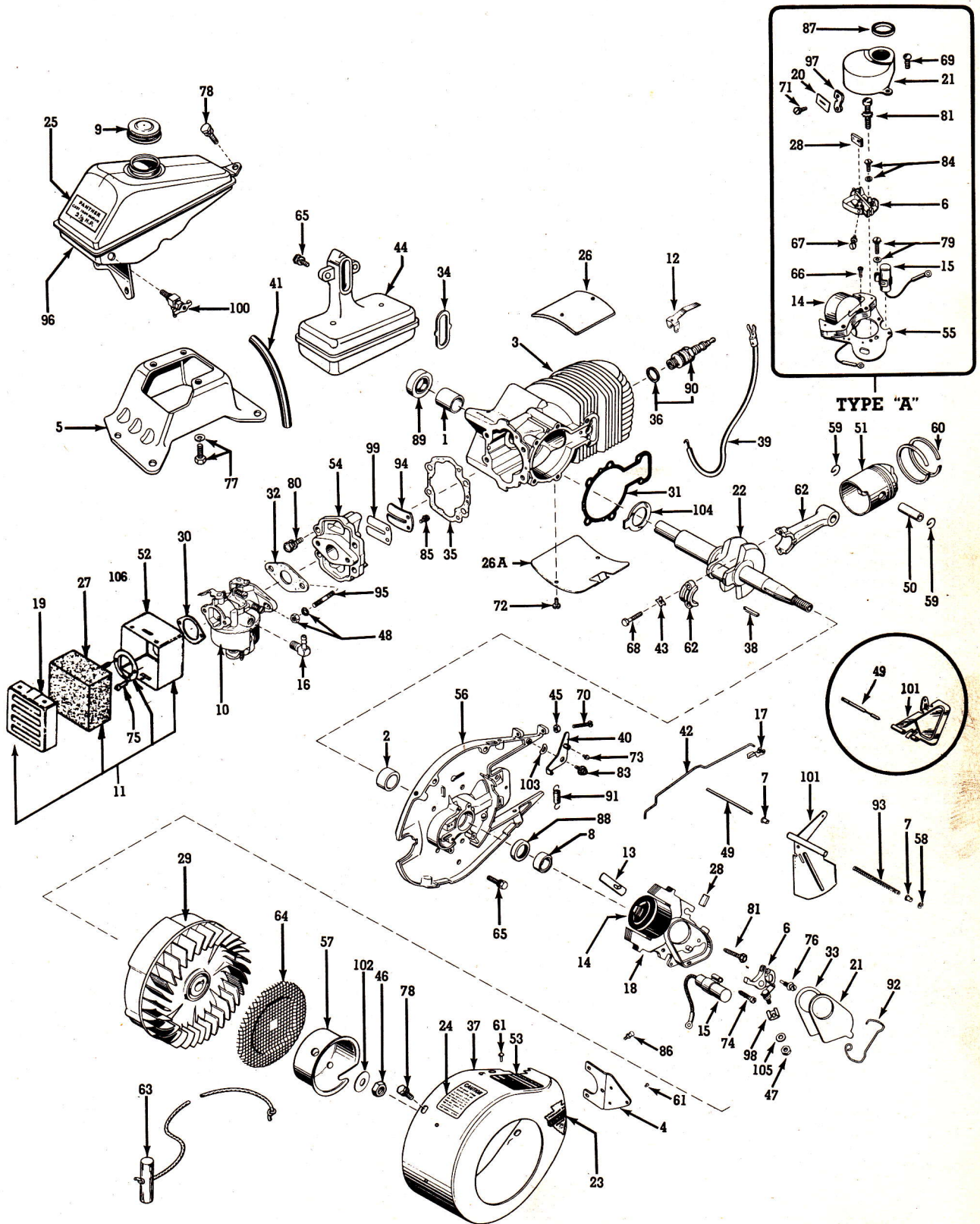
PRINTED IN U.S.A.

CLINTON

S E R I E S
A-400-1000
A-490-1000
P A N T H E R

BASIC
TYPE

SEC. II, DIV. A-400-1000
PARTS CATALOG
Revised March, 1961
Supersedes Dec., 1959



CLINTON ENGINES CORPORATION

MAQUOKETA, IOWA

PRINTED IN U.S.A.

There are four Basic Types of the A400-1000 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; and Serial Number Suffix "B"-referred to as Type B, etc.

There are six Basic Types of the A490-1000 Series Engine covered by this Basic Parts List. Parts not used on all types are noted. These types are as shown above, plus: Serial Number Suffix "E"-referred to as Type E; and Serial Number Suffix "F"-referred to as Type F.

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

Ref. No.	Part Description	IBM No.	Part No.	Quan.
1	BEARING-Main, Sleeve (Block Assembly) used on A400-1000	20-41	2300	1
	BEARING-Ball, (Block Assembly) used on A490-1000.....	20-4	3670	1
2	BEARING-Sleeve (Bearing Plate).....	20-40	2059	1
3	BLOCK ASSEMBLY-Cylinder, (Used on A400-1000 Type A)	22-58-5	2473-A	1
	(Includes Ref. Nos. 1 and 89)			
	BLOCK ASSEMBLY-Cylinder, (Used on A400-1000 Type B&C)	22-65-5	2485-A	1
	(Includes Ref. Nos. 1 and 89)			
	*BLOCK ASSEMBLY-Cylinder, (Used on A400-1000 Type D).....	22-727	92157-A	1
	(Includes Ref. Nos. 1 and 89)			
	BLOCK ASSEMBLY-Cylinder, (Used on A490-1000 Types A, B, C, D&E).....	22-63	2487-A	1
	*BLOCK ASSEMBLY-Cylinder, (Used on A490-1000 Type F)	22-728	92158-A	1
4	BRACE-Blower Housing	26-142	2127	1
5	BRACKET-Engine Base	26-78	2304	1
	*BRACKET-Muffler, (Used on A400-1000 Type D, and A490-1000-	26-561	92108	1
	Type D, E&F)			
6	BREAKER POINTS ASS'Y-Magneto, (Used on Type A)(Incl. Ref. Nos. 28&67) ..	P135-130-5	P5543	1
	BREAKER POINTS ASS'Y-Magneto, (Used on A400-1000 Types B, C, &D and ..	P-135-6-5	P5735	1
	A490-1000, Types B, C, D, E&F)			
	(Includes Ref. Nos. 28, 47, 76 and 105.)			
7	BUSHING-Air Vane, (Used on Types A and B)	28-1	7239	2
8	CAM-Magneto Breaker, (Used on Type A)	P157-24	P5594	1
	CAM-Magneto Breaker, (Used on Types B, C, D, E&F).....	157-29	5751	1
9	CAP & GASKET ASSEMBLY-Fuel	45-89-5	4517-A	1
10	CARBURETOR ASSEMBLY-Clinton	39-210-99	P14512	1
11	CLEANER ASSEMBLY-Air (Used on A400-1000, Type A, B, &C and A490-1000 ..	149-450	91923	1
	Types A, B, C & D)			
	*CLEANER ASSEMBLY-Air (Used on A400-1000, Type D, A490-1000, Types ..	149-477	92101	1
	E & F.)			
12	CLIP-Ignition Shorting	266-28	3499	1
13	CLIP-Coil-Holding (Used on Types B, C, D, E&F)	P81-20	P5734	1
14	COIL-Magneto, (Used on Type A)	P135-23-5	P5593-A	1
	COIL-Without Laminations (Used on Types B & C)	P135-215	P5733-A	1
	*COIL-Magneto-Without Laminations (Used on Types D, E &F)	P135-13-5	P5770	1
15	CONDENSER-Magneto	P135-29-5	P5589-A	1
16	CONNECTOR-Flexible Fuel Line (Carburetor).....	69-24	5052	1
17	CONNECTOR-Governor Link	69-4	2226	1
18	CORE & BREAKER BOX ASSEMBLY-Used on Types B, C, D, E&F).....	P135-37-5	P5732	1
19	COVER-Air Cleaner, (Used on A400-1000 Types A, B, &C, and A490-1000	45-116	2130	1
	Types A, B, C&D)			
	*COVER-Air Cleaner, (Used on A400-1000 Type D, and A490-1000 Types E&F) .	45-338	91807	1
20	COVER-Insulating Terminal, (Used on Type A.)	259-263	5714	1
21	COVER-Dust, Magneto Breaker Points, (Used on Type A.).....	P45-48-5	P5595-A	1
	COVER-Dust, Magneto Breaker Points, (Used on Types B, C, D, E&F.)	P45-15	P5743	1
22	CRANKSHAFT-Used on A400-1000	46-30	2252-1	1
	CRANKSHAFT-Used on A490-1000	46-32	2253-1	1
23	DECAL-Arrowhead	58-25	90559	1
24	DECAL-Instruction, Fuel Mixture-Also Go-Kart 3/4 Pt. Mix.....	58-50	2098	1
25	DECAL-Horsepower	58-80	90573	1
25-A	*DECAL-Air Cleaner, (Used on A400-1000 Type D and A490-1000Types E&F)...	58-376	92104	1
26	DEFLECTOR-Air, Cylinder	259-6	2037	1
26-A	DEFLECTOR-Air, Cylinder	259-17	2305	1
27	ELEMENT-Air Cleaner, (Used on A400-1000 Types A, B, &C, and A490-1000 ...	2-33	2132	1
	Types A, B, C&D)			
	*ELEMENT-Air Filter, (Used on A400-1000 Type D, A490-1000 Types E&F) ...	2-141	91792	1
28	FELT-Lubrication, Cam Follower, (Used on Type A).....	P135-41	P5504	1
	FELT-Lubrication, Cam Follower, (Used on Types B, C, D, E&F)	P94-189	P5742	1
29	FLYWHEEL ASSEMBLY	83-10-5	5752-A	1
	NOTE: Sold as an Assembly only			
30	GASKET-Air Cleaner to Carburetor, (Used on A400-1000 Types A, B, &C	94-13	31445	1
	and on A490-1000 Types A, B, C&D.)			
	*GASKET-Air Cleaner to Carburetor, (Used on A400-1000 Type D, and A490- ..	94-458	92098	1
	1000 Types E&F.)			
31	GASKET-Bearing Plate	030 Std.	2039	1
	NOTE: Gaskets are also available in the following thicknesses:			
	IBM Part No. Oversize Listed.	025	93-105	
		035	95-105	
32	GASKET-Carburetor to Reed Plate	94-30	2096	1
33	GASKET-Cover, Breaker Points, (Used on Types B, C, D, E and F.)	94-241	P5744	1

Ref. No.	Part Description	IBM No.	Part No.	Quan.
34	GASKET-Muffler to Block	94-73	2069	1
35	GASKET-Reed Plate to Block	94-87	2344	1
36	GASKET-Spark Plug	94-90	3115	1
	GASKET KIT-Engine Overhaul	149-363	91558	1
	NOTE: Kit contains all necessary Gaskets and Bearing Plate Oil Seal.			
37	HOUSING-Blower (Includes Ref. No. 4)	259-138-5	2345-D	1
38	KEY-Flywheel	148-4	10339	1
39	LEAD-High Tension, Magneto, (Used on Types A, B&C)	P307-187	P2055	1
	*LEAD-High Tension, Magneto, (Used on Types D, E&F)	P307-195-5	P90762	1
40	LEVER AND SCREW ASSEMBLY-Throttle Control	157-256-5	2043-B	1
41	LINE-Fuel, Flexible	158-25	6316	1
42	LINK-Air Governor	159-4	2301	1
43	LOCK-Connecting Rod Screw	304-10	2027	2
	MAGNETO ASSEMBLY-Used on Types B&C	P268-4-5	P5731	1
	NOTE: Includes Ref. Nos. 6, 13, 14, 15, 18, 21, 28, 33, 47, 74, 76, 81, 92, 98 and 105.			
	*MAGNETO ASSEMBLY-Used on Types D, E&F	P268-17-5	P91740	1
	NOTE: Includes Ref. Nos. 6, 13, 14, 15, 18, 21, 28, 33, 47, 74, 76, 81, 92 98 and 105.			
44	MUFFLER-Used on A400-1000 Types A, B&C, A490-1000 on Types A, B, C, D&E	170-2-5	2220-A	1
	*MUFFLER-Used on A400-1000 Type D, A490-1000 Type F	170-128-5	92154	1
45	NUT-Hexagon, 8-32 (Speed Control Adjusting)	183-26	5522	1
46	NUT-Hexagon, 1/2-20 (Starter Pulley)	183-68-99	5942	1
47	NUT-Terminal Condenser Lead (Used on Types B, C, D, E&F)	P183-21	P5740	1
48	NUT & L'WASHER ASS'Y-Carburetor	183-29-5	3255-A	2
49	PIN-Pivot, Air Vane (Used on Types A&B)	203-32	7238	1
	*PIN-Pivot, Air Vane (Used on Types C, D, E&F)	203-91	90982	1
50	PIN-Wrist	203-61	2328	1
51	PISTON ASSEMBLY-Standard	204-14-5	90364-A	1
	NOTE: Piston Assemblies are available in the following oversizes:			
	IBM Part No. Oversize Listed			
		.010	206-14-5	
		.020	207-14-5	
	NOTE: Piston Assembly includes Ref. Nos. 50, 59 & 60.			
52	PLATE-Air Cleaner Mounting, (Used on A400-1000 Type A, B, C, and A490-1000 Types A, B, C&D.)	215-140-5	2001-B	1
	*PLATE-Air Cleaner Mounting, (Used on A400-1000 Type D and A490-1000 Types E & F.)	2-138	91806	1
53	PLATE-Name	58-116	2311	1
54	PLATE-Reed Valve Assembly	215-115-5	2322-A	1
	NOTE: Reed Valve Plate Assembly includes Ref. Nos. 85, 94 and 99.			
55	PLATE-Coil and Laminations Mounting (Used on Type A)	P215-171-5	P5590-B	1
56	PLATE-Bearing	215-23-5	2313-A	1
	NOTE: Bearing Plate includes Ref. Nos. 2 and 88.			
57	PULLEY-Starter	219-17	12397	1
58	RETAINER-Air Vane, (Used on Types A & B)	232-5	4430	1
58-A	RETAINER-Bearing (Used on A490-1000)	232-29	21328	1
59	RETAINER-Wrist Pin	232-40	3030	2
60	RING SET-Piston, Standard	149-108	2486	1
	NOTE: Rings are also available in the following oversizes:			
	IBM Part No. Oversize Listed			
		.005	149-442	
		.010	149-443	
		.020	149-444	
61	RIVET-Tubular (2-Name Plate) (2-Brace to Blower Housing)	244-21	5460	5
62	ROD ASSEMBLY-Connecting	245-19-5	2422-A	1
	NOTE: Rod Assembly includes Ref. Nos. 43 & 68.			
63	ROPE ASSEMBLY-Starting	246-13-5	4266	1
64	SCREEN-Revolving	257-25	90092	1
65	Screw-H. H. C., 1/4"-20x3/4 (6-Bearing Plate to Block)(2-Muffler to Block)	258-43	5446	8
66	SCREW-R. H. M., #4-40x1/4"(Coil to Laminations)(Used on Type A)	258-77	5641	1
67	SCREW-R. H. M., #6-32x1/4"(Breaker Point Wires to Breaker Point Terminal)(Used on Type A.)	258-189	7143	1
68	SCREW-H. H. Slotted, 10-24x3/4"(Connecting Rod Cap)	258-29	5429	2
70	SCREW-R. H. M., 8-32x7/8" (Speed Control Adjusting)	258-199	3240	1
71	SCREW-R. H. S. T., 6-32x1/2" (Breaker Points Terminal) (2-Breaker Cover to Bearing Plate)(Used on Type A)	258-95	5664	3
72	SCREW-H. H. C., 8-32x3/8" (Deflector)	258-81	5644	3
73	SCREW-H. H. C., #8-32x1/4" (Throttle Lever Nut)	258-107	5681	1
74	SCREW-R. H. S. T., #8-32x4/5" (Condenser to Plate)(Used on Type B, C, D, E & F.)	P258-299	P5741	1
75	SCREW & L'WASHER ASS'Y-H. H. C., 8-32x7/16" (Air Cleaner)	258-131	5812	2
76	SCREW & L'WASHER ASS'Y-O. H. Slotted #8-32x1 3/4" (Breaker Points to Breaker Box)(Used on Types B, C, D, E&F.)	P258-297-5	P5737	1
77	SCREW & L'WASHER ASS'Y-H. H. C., 5/16-18x3/4" (Engine Base)	258-227-5	3232-G	3
78	SCREW & L'WASHER ASS'Y-H. H. C., 1/4-20x1/2" (1-Tank Bracket to Engine Mounting Bracket) (3-Blower Housing to Plate)	258-280-5	3205-G	4
79	SCREW & L'WASHER ASS'Y-F. H. M. 8-32x5/8" (Condenser to Bearing Plate)(Used on Type A.)	258-262-5	5674-F	1
80	SCREW & L'WASHER ASS'Y-H. H. C., 1/4-20x7/8" (Reed Plate to Block)	258-284-5	3294-G	4
81	SCREW & L'WASHER ASS'Y-P. H. S. T., 10-24x1 (Magneto Plate to Bearing Plate.)	258-108-5	5682-A	2

SEC. II. DIV. A-400-1000
PARTS CATALOG
Revised March, 1961
Supersedes Dec., 1959

S E R I E S
A-400-1000
A-490-1000
P A N T H E R

**BASIC
TYPE**

CLINTON

Ref. No.	Part Description	IBM No.	Part No.	Quan.
82	SCREW & L'WASHER ASS'Y-R. H. M., 8-32x3/8" (Air Cleaner Cover to Mounting Plate)(Used on A400-1000 Types A, B, C, A490-1000, Types A, B, C, &D.)	258-47-5	5457-A	1
83	SCREW & L'WASHER ASS'Y-R. H. M., 8-32x1/2 (Throttle Control)	258-247-5	5443-D	1
84	SCREW & L'WASHER ASS'Y-R. H. M., 8-32x3/8" (Breaker Points to Bearing Plate)(Used on Type A)	258-237-5	5409-F	1
85	SCREW & L'WASHER ASS'Y-R. H. S. T., #8-32x3/8" (Reed Assembly to Reed Plate)	258-81-5	5644-A	2
86	SCREW & L'WASHER ASS'Y-R. H. S. T., #8-32x1/2" (Blower Housing to Block)	258-40-5	5443-A	3
87	SEAL-Breaker Points Cover (Used on Type A)	94-156	5596	1
88	SEAL-Oil (Bearing Plate)	94-175	7254	1
89	SEAL-Oil (Block) (Used on A400-1000)	94-159	2303	1
	SEAL-Oil (Block)(Used on A490-1000)	94-160	2337	1
90	SPARK PLUG AND GASKET ASS'Y-Used on Type A (H-11)	K267-31-5	K2168-A	1
	SPARK PLUG AND GASKET ASS'Y-Used on Types B, C, D, E&F(J-12-J)	K267-18-5	K90617-A	1
91	SPRING-Air Governor	263-5	2448	1
92	SPRING-Breaker Box Cover (Used on Types B, C, D, E&F.)	P253-10	P5745	1
93	SPRING-Compression (Air Vane) Used on Types A & B.	263-28	10005	1
94	STOP-Reed Valve	293-58	2036	1
95	STUD-Carburetor Mounting	24-18	90422	2
96	TANK ASSEMBLY-Fuel NOTE: Tank Assembly incl. Ref. No. 9	277-31-5	2306-B	1
97	TERMINAL-Breaker Points (Used on Type A)	307-79	5713	1
98	TERMINAL-Jamtite Breaker Points (Used on Types B, C, D, E &F.)	P307-230	P5738	1
99	VALVE-Reed	293-50	2035	1
100	VALVE-Fuel, Shut Off (Flexible Line)	293-37	5051	1
101	VANE-Air Governor (Used on Types A&B)	107-6	2323	1
	*VANE & LEVER ASS'Y-Air Governor (Used on Types C, D, E & F.)	107-28	90983	1
102	WASHER-1/2-20 (Starter Pulley)	304-132	5941	1
103	WASHER-Spring Tension (Throttle Control)	304-141	2077	1
104	WASHER-Thrust (Crankshaft)	304-151	2464	1
105	WASHER-Terminal Condenser Lead (Used on Types B, C, D, E&F.)	P304-290	P5739	1
106	*WASHER-Air Cleaner (Used on A400-1000 Type D, A490-1000 Types E&F)	304-562	92024	1

* Indicates New Parts Listed For The First Time.

CLINTON

S E R I E S A-400-1000 P A N T H E R

MODEL VARIATIONS

SEC. II, DIV. A-400-1000
PARTS CATALOG
Revised June, 1960
Supersedes Feb., 1960

MODEL VARIATIONS OF A-400-1000 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 three).	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.
A-400 Go Cart	Note 10									P91005	2351-A		
A-400-1000		NO VARIATION—USE BASIC PARTS LIST											
A-400-1100				2387									
A-400-1101	Note 1									P90996	2345-A		
A-400-1102							48"						
A-400-1103							48"			P90996	2345-A		
A-400-1104										P90996	2351-A		
A-400-1105	Note 2									P90996	2351-A		
A-400-1106	Note 2										2351-B		
A-400-1107	Note 1												
A-400-1108	Note 3									P90996	2412-A		
A-400-1109							72"			P90996	2345-A		
A-400-1110	Note 2						72"			P90996	2351-A		
A-400-1111										2082-A			
A-400-1112	Notes 1 & 4									P90996	2345-A		
A-400-1113	Notes 5 & 6									P90996	2345-A		
A-400-1114										P90996	2345-A		
A-400-1115	Notes 2 & 7									P90996	2351-A		
A-400-1117	Note 6									P90996	2412-B		
A-400-1118										2082-A	P90996		
A-400-1119	Note 2									P90996	2351-A		
A-400-1120										P90996	2345-A		
A-400-1121										P90996	2345-A		
A-400-1122	Note 2									P90996	2351-A		
A-400-1123	Note 11												
A-400-1124	Notes 3, 6, 13									2082-A	P90996	2345-A	
A-400-1125	Note 10									2082-A	P91005	2351-A	
A-400-1126	Notes 2 & 10										P91005	2351-A	
A-400-1127	Note 2									2082-A	P90996	2351-A	
A-400-1128							72"				P90996	2345-A	
A-400-1130	Note 10												
A-400-1131	Note 14										P90996	2345-A	
A-400-1132	Note 18										P90996	2345-A	
A-400-1133	Note 10										6393		
A-400-1135	Notes 1 & 15										P90996	2345-A	
A-400-1136											P90996	2345-A	
A-400-1137	Notes 10 & 12									2082-A	P91005	2351-A	
A-400-1138											P90996	2345-A	
A-400-1139											P90996	2345-A	
A-400-1140	Note 12									2082-A	P90996	2345-A	
A-400-1141	Note 2										P90996	2351-A	
A-400-1144	Note 12									2082-A	P90996	2345-A	

CLINTON

S E R I E S
A-400-1000
P A N T H E R

MODEL
VARIATIONS

MODEL VARIATIONS OF A-400-1000 SERIES (Cont.)

ENGINE MODEL	FOOTNOTES	BASE—ENGINE	BLOCK ASSEMBLY—CYLINDER	CRANKSHAFT	BEARING—MAIN	CONTROL GROUP	CONTROL CABLE LENGTH	PLATE ASSEMBLY—BEARING	MUFFLER OR MANIFOLD	STARTER—RECOIL	HOUSING ASSEMBLY—BLOWER	REDUCTION GEAR	MOUNTING POSITION
A-400-1145	Notes 12 & 13								2082-A				
A-400-1146	Notes 12 & 13								2082-A	P90996	2345-A		
A-400-1148	Note 3								2082-A	P90996			
A-400-1149	Notes 2 & 3								2082-A				
A-400-1150	Notes 3 & 6								2082-A	P90996	2351-A		
A-400-1151	Note 6									P90996	2351-A		
A-400-1152	Note 6						72"			P90996	2351-A		
A-400-1153	Notes 3 & 6								2082-A	P90996	2351-A		
A-400-1154	Notes 2 & 3								2082-A	P91005	2351-A		
A-400-1157										P90996	2345-A		
A-420-1000	Note 8			2393								3552	3:00
A-420-1100	Note 8			2393						P90996	2345-A	3552	3:00
A-440-1000	Note 8			2254-1								3554	3:00
A-440-1101	Notes 8 & 14			2254-1						P90996	2345-A	3554	3:00
A-460-1000	Note 8			2256-1								3800	3:00
A-460-1100	Note 8			2256-1						P90996	2345-A	3800	3:00
A-460-1102	Note 8			2256-1			72"			P90996	2345-A	3800	3:00
A-460-1103	Note 8			2256-1						P90996	2345-A	3800	6:00
A-490-1000	Note 9		2487-A	2253-1	3670								
A-490-1100	Note 9		2487-A	2385	3670								
A-490-1101	Note 9		2487-A	2384	3670								
A-490-1102	Note 9		2487-A	2386	3670								
A-490-1103	Note 9		2487-A	2384	3670					P90996	2345-A		
A-490-1104	Notes 2 & 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1105	Note 9		2487-A	2253-1	3670					P90996	2345-A		
A-490-1106	Notes 1, 2 & 9		2487-A	2253-1	3670							2310	
A-490-1107	Notes 2 & 9		2487-A	2253-1	3670							2310	
A-490-1108	Notes 2 & 9		2487-A	2253-1	3670							2310	
A-490-1109	Notes 2 & 9		2487-A	2253-1	3670				2082-A	P90996	2351-A		
A-490-1111	Note 9		2487-A	2253-1	3670		72"			P90996	2345-A		
A-490-1112	Note 9		2487-A	2253-1	3670					P90996	2345-A		
A-490-1113	Notes 9 & 12		2487-A	2253-1	3670				2082-A	P90996	2345-A		
A-490-1114	Note 9		2487-A	2253-1	3670				2082-A	P90996	2345-A		
A-490-1115	Note 9		2487-A	2253-1	3670					P90996	2345-A		
A-490-1116	Note 9		2487-A	2385	3670					P90996	2351-A		
A-490-1117	Notes 9 & 10		2487-A	2253-1	3670					P91005	2351-A		
A-490-1118	Notes 2, 9 & 10		2487-A	2253-1	3670					P91005	2351-A		
A-490-1119	Notes 9 & 10		2482-A	2394	3670					P91005	2351-A		
A-490-1120	Notes 9 & 16		2487-A	2253-1	3670					P90996	2345-A		
A-490-1121	Notes 9, 10, 16		2487-A	2253-1	3670					P91005	2351-A		
A-490-1122	Note 9		2487-A	2253-1	3670		72"			P90996	2345-A		
A-490-1123	Notes 2, 9, 10		2487-A	2253-1	3670					P91005	2351-A		
A-490-1124	Note 9		2487-A	2253-1	3670								
A-490-1125	Notes 2, 9, 10, 17		2487-A	2253-1	3670					P91005	2351-A		
A-490-1126	Notes 9, 10, 19		2487-A	2253-1	3670					P91005	2351-A		
A-490-1128	Notes 3, 9, 10		2487-A	2253-1	3670					P91005	2351-A		
A-490-1129	Notes 9 & 10		2487-A	2253-1	3670					P91005	2351-A		
A-490-1130	Note 9		2487-A	2253-1	3670					P90996	2345-A		
A-490-1131	Notes 2, 9, 12		2487-A	2253-1	3670				2082-A	P90996	2351-A		
A-490-1132	Notes 6, 9, 12		2487-A	2253-1	3670				2082-A				
A-490-1133	Note 9		2487-A	2385	3670								
A-490-1134	Note 9		2487-A	2385	3670								
A-490-1135	Notes 9, 10, 12		2487-A	2253-1	3670				2082-A	P91005	2351-A		
A-490-1136	Notes 2 & 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1137	Notes 2, 6, 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1138	Notes 9, 10, 12		2487-A	2253-1	3670				2082-A	P90996	2345-A		

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A-400-1000						
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**MODEL
VARIATIONS**
**SEC. II, DIV. A-400-1000
PARTS CATALOG**
 Revised June, 1960
 Supersedes Feb., 1960

MODEL VARIATIONS OF A-400-1000 SERIES (Cont.)

ENGINE MODEL	FOOTNOTES	BASE—ENGINE	BLOCK ASSEMBLY—CYLINDER	CRANKSHAFT	BEARING—MAIN	CONTROL GROUP	CONTROL CABLE LENGTH	PLATE ASSEMBLY—BEARING	MUFFLER OR MANIFOLD	STARTER—RECOIL	HOUSING ASSEMBLY—BLOWER	REDUCTION GEAR	MOUNTING POSITION
A-490-1139	Notes 2, 9, 17		2487-A	2253-1	3670					P90996	2351-A		
A-490-1140	Notes 2, 6, 9		2487-A	2253-1	3670				2082-A	P90996	2345-A		
A-490-1141	Notes 3, 6, 9		2487-A	2253-1	3670					P90996	2345-A		
A-490-1142	Notes 2 & 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1143	Notes 2 & 9		2487-A	2253-1	3670				2082-A	P90995	2351-A		
A-490-1144	Notes 2, 9, 12		2487-A	2253-1	3670				2082-A	P90996	2351-A		
A-490-1145	Notes 2, 9, 10, 12		2487-A	2253-1	3670				2082-A	P91005	2351-A		
A-490-1146	Notes 2 & 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1147	Notes 9 & 10		2487-A	2253-1	3670				2082-A	P91005	2351-A		
A-490-1148	Notes 6 & 9		2487-A	2253-1	3670				2082-A	P90996	2351-A		
A-490-1151	Notes 2 & 9		2487-A	2253-1	3670				2082-A	P90996	2345-A		
A-490-1152	Notes 2, 3, 6, 9		2487-A	2253-1	3670				2082-A	P90996	2345-A		
A-490-1153	Notes 3, 9, 10		2487-A	2253-1	3670				2082-A	P91005	2351-A		
A-490-1154	Note 9		2487-A	2253-1	3670								
A-490-1155	Notes 6 & 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1156	Notes 2, 6, 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1157	Notes 2 & 9		2487-A	2253-1	3670				2082-A	P91005	2351-A		
A-490-1158	Notes 1 & 9		2487-A	2253-1	3670		72"			P90996	2345-A		
A-490-1159	Notes 2, 3, 6, 9		2487-A	2253-1	3670					P90996	2351-A		
A-490-1160	Notes 2, 3, 9		2487-A	2253-1	3670					P91005	2351-A		
A-490-1161	Notes 2 & 9		2487-A	2253-1	3670		72"			P90996	2345-A		
A-490-1162	Notes 6 & 9		2487-A	2253-1	3670			2313-D	2082-A				

NOTE 1—Use 3991 Horn (Air), 4546-A Air Cleaner, 5677 Screw (2), 10259 Gasket, 5906 Washer, 7249 Screw (Air Cleaner), 4561 Decal, 7044 Nut (Wing).

NOTE 2—Use 12409-A Wire Assembly (Shorting), 5566 Grommet, 5644 Screw, 5522 Nut.

NOTE 3—Use 90788-A Cover Assembly (Spark Plug).

NOTE 4—Use 14070 Carburetor and 2306-E Fuel Tank.

NOTE 5—Use 2306-E Fuel Tank, K3568-A Spark Plug, 2096 Gasket and 4181 Cover. "Special Carburetor 14637, Spacer 2495, Stud 2494, Guard 2489, and Lead 2496 are furnished by Equipment Mfg. Ajax Fence Works, Fort Madison, Iowa."

NOTE 6—Use 5753-A Flywheel Assembly.

NOTE 7—Use 4181 Cover (Spark Plug)—Additional Part.

NOTE 8—Use 2338 Spacer and 3136 Seal (Oil). Use 91559 Gasket and Seal Kit Reduction.

NOTE 9—Use 21328 Bearing (Retaining) and 2337 Seal (Oil).

NOTE 10—Use 5779-B Flywheel Assembly. Rotation is clockwise as viewed from P.T.O. end. All Governor Parts have been removed.

NOTE 11—Use 5699 Screw (2), 5907 L'Washer (2), 2096 Gasket, 2403 Link (Air Governor).

NOTE 12—Use 5679-G Screw & L'Washer (Muffler to Block).

NOTE 13—All Governor Parts have been removed.

NOTE 14—Use 2402 Spacer (Carburetor), 5699 Screw (2), 5907 L'Washer, 2096 Gasket, 2403 Link (Air Governor), 2306-D Tank Assembly (Fuel).

NOTE 15—Use 2306-E Tank Assembly (Fuel), 14070 Carburetor (LMG96).

NOTE 16—Use 12365-A Support Assembly (Air Cleaner), 31516 Element (Air Cleaner), 31443 Plate (Air Cleaner), 31446 Cover (Air Cleaner), 3222-A Screw & L'Washer.

NOTE 17—Use 7461-A Tank (Fuel), 90454 Saddle (Fuel Tank), 90455 Strap (Fuel Tank—2), 5421-A Screw & L'Washer Assembly (2).

NOTE 18—Use 2320-A Reed Plate Ass'y, 5644-A Screw & L'Washer Ass'y (Reed Plate to Block—2), 401094 Gasket (Carb. to Reed Plate), 91202 Link (Air Vane), 3222-A Screw & L'Washer Ass'y, 2306-F Tank Ass'y (Fuel), 5753-A Flywheel, 2489 Guard (Spark Plug), 5647-A Screw & L'Washer Ass'y, 2043-B Lever & Screw Ass'y (Throttle Control), 5443-D Screw & L'Washer Ass'y (Lever to Bearing Plate), 3240 Screw (Throttle Stop), 5522 Nut (Throttle Stop). 14662 Carburetor and 2490 Valve (Fuel Shut-Off) furnished by Ajax Fence Works, Fort Madison, Iowa.

NOTE 19—Use Ex 3253 Link, 403772 Lever Bell Crank, 403774 Bushing, 403775 Washer (2), 5674-A Screw & L'Washer Ass'y.