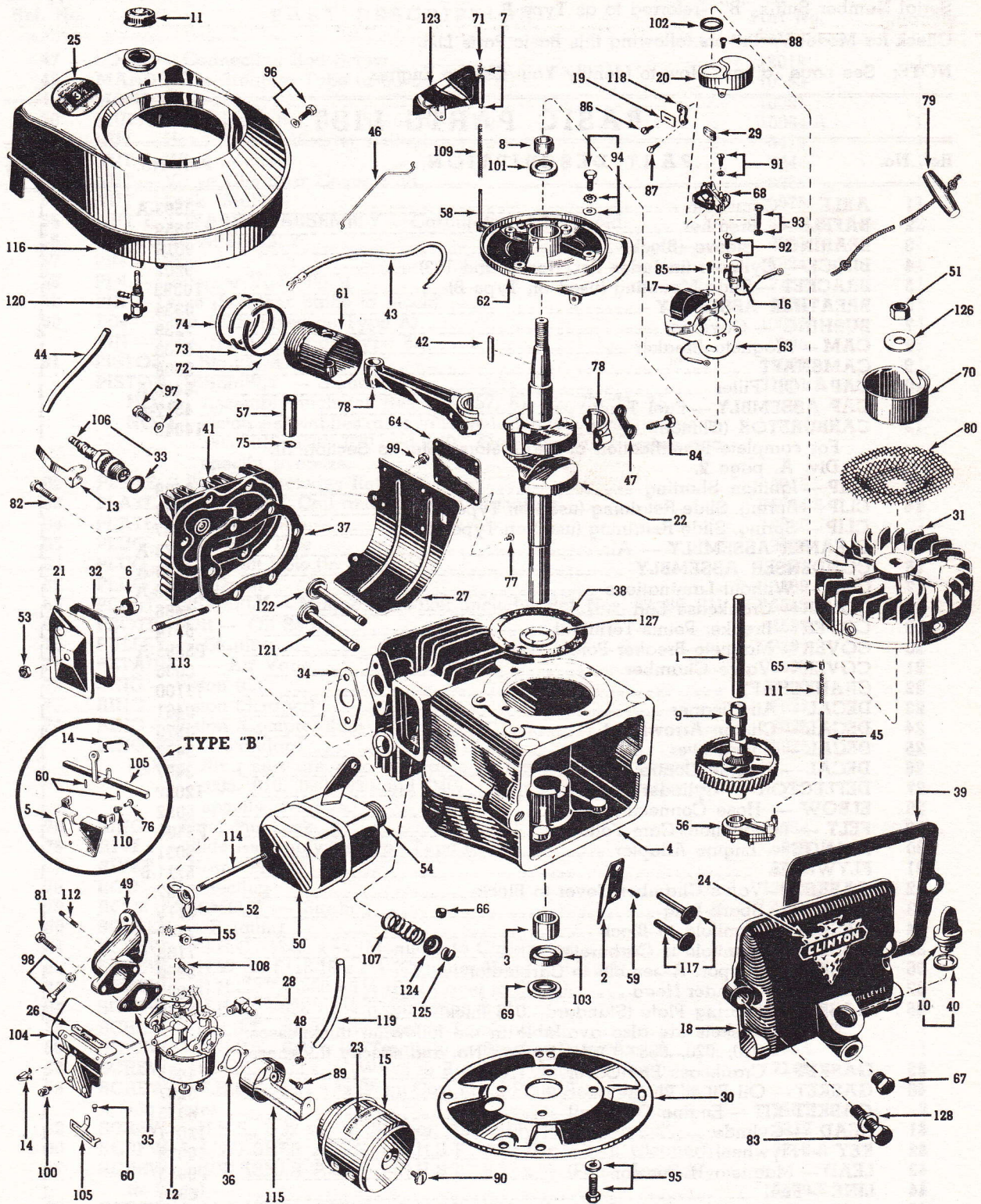


SEC. II, DIV. VS-1100-1000
PARTS CATALOG
Revised May, 1958
Supersedes Oct., 1957

CLINTON

S E R I E S
VS-1100-1000
L O N G L I F E

BASIC
TYPE



CLINTON

S	E	R	I	E	S		
VS-1100-1000							
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**BASIC
TYPE**
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PARTS CATALOG**
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There are two Basic Types of the VS-1100-1000 Engines covered by this 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"—referred to as Type B.

Check for Model Variations following this Basic Parts List.

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

BASIC PARTS LIST

Ref. No.	PART DESCRIPTION	Part No.	Quantity
1	AXLE — Camshaft	3593-A	1
2	BAFFLE — Breather	3559	1
3	BEARING — Sleeve (Block)	9016	1
4	BLOCK — Cylinder (includes Ref. Nos. 3 and 103)	9202	1
5	BRACKET — Slide Mounting (used on Type B)	10399	1
6	BREATHER ASSEMBLY	6354	1
7	BUSHING — Governor	7239	2
8	CAM — Magneto Breaker	5703	1
9	CAMSHAFT	9008	1
10	CAP — Oil Filler	6438-A	1
11	CAP ASSEMBLY — Fuel Tank	4517-A	1
12	CARBURETOR (Clinton)	14049	1
	For complete identification of carburetors, refer to Section III, Div. A, page 2.		
13	CLIP — Ignition Shorting	3499	1
14	CLIP — Spring, Slide Retaining (used on Type A)	10088	1
	CLIP — Spring, Slide Retaining (used on Type B)	90297	1
15	CLEANER ASSEMBLY — Air	21078-A	1
16	CONDENSER ASSEMBLY	P5589-A	1
17	COIL — Without Laminations	P5593-A	1
18	COVER — Crankcase End	4466	1
19	COVER — Breaker Points Terminal	5714	1
20	COVER — Magneto Breaker Points	P5595-A	1
21	COVER — Valve Chamber	3035	1
22	CRANKSHAFT	11100	1
23	DECAL — Air Cleaner	3461	1
24	DECAL — Clinton Arrowhead	3579	1
25	DECAL — Horsepower	3452	1
26	DECAL — Throttle Control	3487	1
27	DEFLECTOR — Cylinder Air	12022	1
28	ELBOW — Hose Connecting	5052	1
29	FELT — Lubrication, Cam Follower	P5504	1
30	FLANGE — Engine Adapter	9031	1
31	FLYWHEEL	5711-B	1
32	GASKET — Valve Chamber Cover to Block	3057	1
33	GASKET — Spark Plug	3115	1
34	GASKET — Manifold to Block	7149	1
35	GASKET — Manifold to Carburetor	7168	1
36	GASKET — Support Assembly to Carburetor	3990	1
37	GASKET — Cylinder Head	6030	1
38	GASKET — Bearing Plate (Standard, .015 thick)	3056	1
	NOTE: Gaskets are also available in the following thicknesses: .010, .020, .005. Order by Part No. and specify thickness.		
39	GASKET — Crankcase End Cover	4465	1
40	GASKET — Oil Filler Plug	3297	1
	GASKET KIT — Engine Overhaul	6355	1
41	HEAD — Cylinder	12011	1
42	KEY — Flywheel	10339	1
43	LEAD — Magneto Hi-Tension	P9055	1
44	LINE — Fuel	6316	1
45	LINE — Oil Distributor	9084	1
46	LINK — Air Governor	9020	1

CLINTON

S E R I E S
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L O N G L I F E

BASIC
TYPE

BASIC PARTS LIST (Continued)

Ref. No.	PART DESCRIPTION	Part No.	Quantity
47	LOCK — Connecting Rod Screw	12018	1
48	MANDREL — Breather Tube (used on Type A)	10353	1
49	MANIFOLD	10091	1
50	MUFFLER (includes Ref. Nos. 52, 54 and 114)	10084-A	1
51	NUT — Hex., 7/16-20 (Starter Pulley)	5476	1
52	NUT — Wing (Muffler)	7044	1
53	NUT — Valve Chamber Cover Stud	3255	1
54	NUT — Lock (Muffler)	10075	1
55	NUT & L'WASHER ASSEMBLY — Carburetor to Manifold	3255-A	2
56	OIL PUMP ASSEMBLY	9085-A	1
57	PIN — Wrist	6024	1
58	PIN — Governor Vane Pivot	7238	1
59	PIN — Drive (Breather Baffle to Block)	3569	1
60	PIN — Stop, Slide (used on Type A)	10089	1
	PIN — Stop, Slide (used on Type B)	9004	2
61	PISTON — Standard	31001	1
	PISTON ASSEMBLY — Standard	31001-A	1
	NOTE: Assembly includes Ref. Nos. 57, 61, 72, 73, 74, 75.		
	NOTE: Piston Assemblies are available in the following oversizes: .005, .010, .020, .030 and .040. Order by Part Number and specify oversize.		
62	PLATE — Bearing (includes Ref. No. 101)	9015	1
63	PLATE ASSEMBLY — Coil and Magneto Mounting	P5704-B	1
64	PLATE — Name	6530	1
65	PLUG — Oil Pump Line	9028	1
66	PLUG — Camshaft Hole (In Block)	3281	1
67	PLUG — Oil Drain	3289	1
68	POINT ASSEMBLY — Magneto Breaker (includes Ref. Nos. 29, 86, 91)	P5543	1
69	PROTECTOR — Oil Seal	4588	1
70	PULLEY — Starting	3299	1
71	RETAINER — Air Vane	4430	1
72	RING — Piston (Oil)	6006	1
73	RING — Piston (Scraper)	6027	1
74	RING — Piston (Compression)	6026	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.		
75	RING — Wrist Pin Lock	6034	2
76	RIVET — Slide Assembly (used on Type B)	5825	1
77	RIVET — Name Plate	5469	4
78	ROD — Connecting	12002-A	1
79	ROPE ASSEMBLY — Starting	4266	1
80	SCREEN — Rotating	7187	1
81	SCREW — H.H.C., 1/4-28 x 3/4 (Manifold to Carburetor)	7205	1
82	SCREW — H.W.H., 5/16-18 x 1 1/4 (Cylinder Head to Block)	5652	6
83	SCREW — H.H.C., 7/16-20 x 1 1/4 (End Cover to Block)	5400	2
84	SCREW — H.H.C., 1/4-28 x 1 1/4 (Connecting Rod)	5635	2
85	SCREW — P.H.S.T., #6-32 x 1/4 (Coil to Lamination)	5641	1
86	SCREW — H.H.S.T., 6-32 x 1/2 (Terminal to Breaker Point Ass'y)	5664	1
87	SCREW — R.H.M., 6-32 x 1/4 (Wires to Breaker Points Terminal)	7143	1
88	SCREW — R.H.S.T., 6-32 x 3/8 (Point Cover and Plate Assembly to Bearing Plate)	5405	2
89	SCREW — H.H.S., 8-32 x 7/16 (Support Assembly to Carburetor)	5812	2
90	SCREW & L'WASHER ASS'Y — R.H.S.T., #10-32 x 3/8 (Air Cleaner to Plate)	3216-A	1
91	SCREW & L'WASHER ASS'Y — R.H.S.T., 8-32 x 3/8 (Point Assembly to Plate)	5409-F	1
92	SCREW & L'WASHER ASS'Y — R.H.S.T., 8-32 x 3/8 (Condenser to Plate)	5674-F	1

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**BASIC
TYPE**
SEC. II, DIV. VS-1100-1000
PARTS CATALOG
 Revised May, 1958
 Supersedes Oct., 1957
BASIC PARTS LIST (Continued)

Ref. No.	PART DESCRIPTION	Part No.	Quantity
93	SCREW & L'WASHER ASS'Y — H.H.S.T., 10-24 x 1 (Coil Assembly to Plate)	5682-A	2
94	SCREW & L'WASHER ASS'Y — H.H.C., ¼-28 x ¾ (Bearing Plate to Block)	5856-F	4
95	SCREW & L'WASHER ASS'Y — H.H.C., 5/16-18 x ¼ (Flange to Block)	3221-G	4
96	SCREW & L'WASHER ASS'Y — H.H.C., ½-20 x ¼ (Tank to Bearing Plate)	3205-G	2
97	SCREW & L'WASHER ASS'Y — H.H.C., ¼-28 x ¾ (Tank to Cylinder Head)	7236-G	2
98	SCREW & L'WASHER ASS'Y — H.H.C., ¼-28 x ¾ (Manifold to Block)	3230-G	2
99	SCREW & L'WASHER ASS'Y — R.H.M., 10-32 x ¾ (Deflector to Head)	3222-A	2
100	SCREW & L'WASHER ASS'Y — H.H.C., #8-32 x ¾ (Shroud to Carburetor and Manifold)	5644-A	3
101	SEAL — Oil (Bearing Plate)	3136	1
102	SEAL — Breaker Point Cover	5596	1
103	SEAL — Oil (Block)	9029	1
104	SHROUD ASSEMBLY — Carburetor (used on Type A)	10085-A	1
	SHROUD ASSEMBLY — Carburetor (used on Type B)	10400	1
105	SLIDE — Governor Regulating (used on Type A)	10087	1
	SLIDE — Governor Regulating (used on Type B)	10342-A	1
106	SPARK PLUG ASSEMBLY	K3568-A	1
107	SPRING — Valve	3068	2
108	SPRING — Air Governor (used on Type A)	10090	1
	SPRING — Air Governor (used on Type B)	10406	1
109	SPRING — Compression (Air Vane)	10005	1
110	SPRING — Compression (used on Type B)	10373	1
111	SPRING — Oil Distributor Line	9083	1
112	STUD — Carburetor to Manifold	6155	1
113	STUD — Valve Chamber Cover	5680	1
114	STUD — Muffler	10074	1
115	SUPPORT ASSEMBLY — Air Cleaner (used on Type A)	21077-A	1
	SUPPORT ASSEMBLY — Air Cleaner (used on Type B)	90297	1
116	TANK ASSEMBLY — Fuel (includes Ref. No. 11)	10370-G	1
117	TAPPET — Valve	3034	2
118	TERMINAL — Breaker Point	5713	1
119	TUBE — Breather	10352	1
120	VALVE — Fuel Shut-Off	5051	1
121	VALVE — Exhaust	3031-1	1
	VALVE — Exhaust (Oversize)	3031-2	1
122	VALVE — Intake	3032-1	1
	VALVE — Intake (Oversize)	3032-2	1
123	VANE — Air Governor	10393	1
124	WASHER — Retainer (Valve Spring)	3028	2
125	WASHER — "C" (Valve Keeper)	3291	2
126	WASHER — Spring Tension (Starter Pulley)	4119	1
127	WASHER — Thrust	9050	1
128	WASHER — Lock (End Cover to Block)	3275	2

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L	O	N	G	L	I	F	E

MODEL VARIATIONS

SEC. II, DIV. VS-1100-1000
PARTS CATALOG
 Revised January, 1959
 Supersedes March, 1958

MODEL VARIATIONS OF VS-1100-1000 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 2).	BLOCK ASSEMBLY — CYLINDER (Part Number 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.	CRANKSHAFT (Part Numbers Shown). Refer to Sec. IV, Div. B for details and further information.	STARTER — RECOLL. Refer to Sec. III, Div. H for Parts List.	HOUSING ASSEMBLY — BLOWER (Part Numbers Shown). Refer to Basic Parts List for corresponding part.	MUFFLER OR MANIFOLD (Part Numbers Shown). Refer to Illustrated Basic Parts List for corresponding part.
VS-1100-1103	Notes 1 & 2	9200				Yes	10370-H	3639
VS-1100-1104	Note 3		3855-56	72"	11103			
VS-1100-1105			3855-56	72"				
VS-1100-1106		9200			11107	Yes	10370-H	4500
VS-1100-1107	Note 4	9200			11124	Yes	10370-H	4500
VS-1100-1108	Note 4	9200			11107	Yes	10370-H	4500
VS-1100-1109	Notes 3 & 5				11123	Yes	10370-H	
VS-1100-1110						Yes	10370-H	
VS-1100-1111					11127	Yes	10370-H	
VS-1100-1120			3855-56	72"		Yes	10370-H	
VS-1100-1122	Notes 3 & 6							
VS-1100-1123	Notes 3 & 6					Yes	10370-H	
VS-1100-1124	Notes 3 & 6					Yes	10370-H	
VS-1100-1125					11103	Yes	10370-H	
VS-1100-1126	Notes 3 & 6				11107	Yes	10370-H	
VS-1100-1127	Notes 3 & 6							
VS-1100-1128	Notes 3 & 6					Yes	10370-H	
VS-1100-1129	Notes 3 & 6					Yes	10370-H	
VS-1100-1130	Notes 3 & 6		3855-56	72"		Yes	10370-H	
VS-1100-1131	Notes 3, 5, 6, 7				11107	Yes	10370-H	
VS-1100-1132	Notes 3 & 6					Yes	10370-H	
VS-1100-1133	Notes 3 & 6				11103	Yes	10370-H	
VS-1100-1134	Notes 3 & 6				11102	Yes	10370-H	
VS-1100-1135	Notes 3 & 6				11106	Yes	10370-H	
VS-1100-1136	Notes 2 & 8	9200			12151	Yes	10370-H	
VS-1100-1137	Notes 4, 9, 10, 11, 12, 13				12162	Yes	10370-H	11501
VS-1100-1138					12163	Yes	10370-H	
VS-1100-1139	Notes 8, 9, 10, 14, 15				12110	Yes	10370-P	
VS-1100-1140	Notes 2, 5, 6, 7				12165	Yes	10370-H	
VS-1100-1141	Note 2				12163			
VS-1100-1142	Note 2				12163	Yes	10370-H	
VS-1100-1143	Note 2					Yes		

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S E R I E S
VS-1100-1000
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**MODEL
VARIATIONS**

MODEL VARIATIONS OF VS-1100-1000 SERIES (Cont.)

ENGINE MODEL	FOOTNOTES	BLOCK ASSEMBLY— CYLINDER	CONTROL GROUP	CONTROL CABLE LENGTH	CRANKSHAFT	STARTER— RECOIL	HOUSING ASSEMBLY— BLOWER	MUFFLER OR MANFOLD
VS-1100-1144	Notes 2, 6, 7					Yes	10370-H	
VS-1100-1145	Notes 2 & 16				12157	Yes	10370-H	
VS-1100-1146	Notes 2 & 17					Yes	10370-H	
VS-1100-1147	Note 18					Yes	10370-H	
VS-1100-1148	Notes 2, 5, 6, 8					Yes	10370-H	3639
VS-1100-1149	Notes 2, 7, 16, 19				12157	Yes	10370-H	
VS-1100-1150	Notes 2, 4, 6, 11	9200			12153	Yes	10370-H	4500
VS-1100-1151	Notes 2, 5, 6, 8					Yes	10370-H	3639
VS-1100-1152	Note 20			72"		Yes	10370-H	
VS-1100-1153	Notes 2, 14, 22				12153	Yes	10370-H	

NOTE 1—Use #5649 Plug, Oil Drain.

NOTE 2—Use #3851 Clamp and #5806-A Screw & L'Washer Assembly.

NOTE 3—Use #5530-D Shorting Wire Assembly, #P-5566 Grommet, and #5644 Screw.

NOTE 4—Use #4425 Nut, Lock; #12338 Extension.

NOTE 5—Use #4181 Spark Plug Cover.

NOTE 6—Use #14059 Carburetor, #10347-A Shroud Assembly, #10087-A Slide Assembly, #2551-D Wire Assembly, #10334 Insulator, #P-5566 Grommet, and #5644 Screw.

NOTE 7—Use #10021-A Cover Assembly, Muffler, in lieu of #10071-A.

NOTE 8—Use #9090 Cover, Crankcase End, and #5820 Plug, Pipe.

NOTE 9—Use #10317-A Wire Assembly, #14290 Grommet, #5647 Screws, #10364 Clip.

NOTE 10—Use #10320 Knob and #5444-A Screw & L'Washer.

NOTE 11—Use #9089 Cover, End, #5820 Plug.

NOTE 12—Use #11502 Elbow and #12061 Nipple.

NOTE 13—Use #3991-1 Air Horn, #5677 Screw (2), #10259 Gasket, #4546-A Cleaner, #5906 Washer, #7249 Screw, #7044 Nut.

NOTE 14—Use #14059 Carburetor, #10342-B Slide Assembly.

NOTE 15—Use #P-4938 Pulley, #11500 Belt, #12321 Guide.

NOTE 16—Use #9034 Flange.

NOTE 17—Use #4600-B Speed Reducer, #4465-2 Gasket, #5611 Screw (2), #3275 Washer, Lock (2).

NOTE 18—Use #4600-F Speed Reducer, #4465-2 Gasket, #5611 Screw (2), #3275 Washer, Lock (2).

NOTE 19—Use #4600-N Speed Reducer, #4465-2 Gasket, #5611 Screw (2), #3275 Washer, Lock (2).

NOTE 20—Use #4600-D Speed Reducer, #4465-2 Gasket, #5611 Screw (2), #3275 Washer, Lock (2).

NOTE 21—Use #4600-R Speed Reducer, #4465-2 Gasket, #5611 Screw (2), #3275 Washer, Lock (2).

NOTE 22—Use #11508 Plate Bearing, #5729-A Wire Ass'y, #14290 Grommet, #5647 Screw, #10364 Clip.