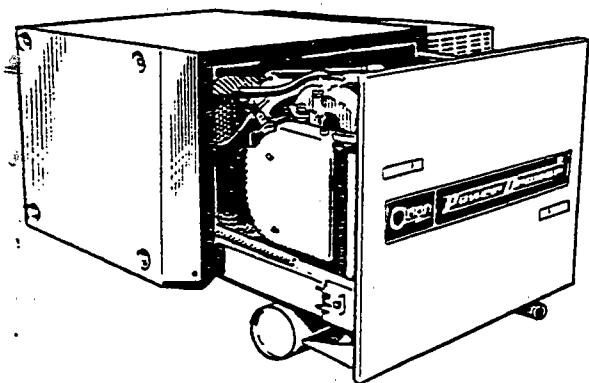


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OPERATORS MANUAL AND PARTS CATALOG



4000 WATT CAPACITY

POWER DRAWER

RV ELECTRIC POWER PLANT

●
BF Series

© UsefulCDs

PARTS CATALOG

This catalog applies to the 4.0BF power plant for recreational vehicles. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number following the illustration. Parts illustrations are typical. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left plant sides are determined by facing the engine end (front) of the power plant.

The Specification Letter advances (A to B, B to C, etc.) with manufacturing changes.

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GENERAL INFORMATION

INSTRUCTIONS FOR ORDERING REPAIR PARTS

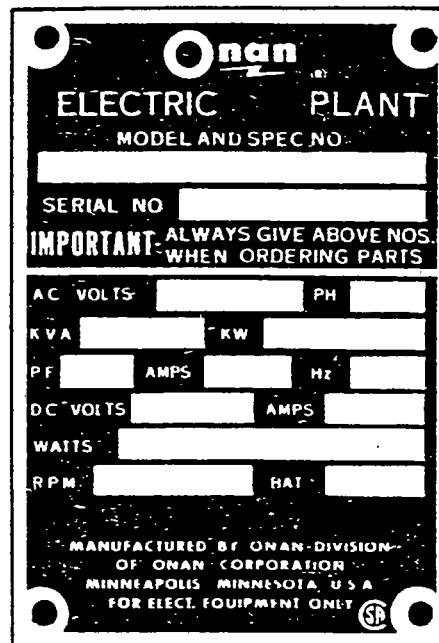
INFORMATION ON THIS PAGE INCLUDED FOR OWNERS
WHO HAVE PURCHASED THIS CATALOG.

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, please furnish all information requested.

Always refer to the nameplate on your unit:

1. Always give the MODEL and SPEC NO. and SERIAL NO.



The image shows a rectangular nameplate form for Onan Electric Plant. At the top, the Onan logo is centered above the words "ELECTRIC PLANT". Below this, there are two lines for "MODEL AND SPEC NO." and "SERIAL NO.", each followed by a blank space. A bolded section labeled "IMPORTANT" states "ALWAYS GIVE ABOVE NOS. WHEN ORDERING PARTS". Below this, there are several rows of labels followed by blank spaces for technical specifications: "AC VOLTS", "PH", "KVA", "KW", "PF", "AMPS", "HZ", "DC VOLTS", "AMPS", "WATTS", "RPM", and "HAT". At the bottom, it says "MANUFACTURED BY ONAN DIVISION OF ONAN CORPORATION MINNEAPOLIS MINNESOTA U.S.A. FOR ELECT. EQUIPMENT ONLY" with a small circular logo on the right.

For handy reference, insert "YOUR" nameplate information in the spaces above.

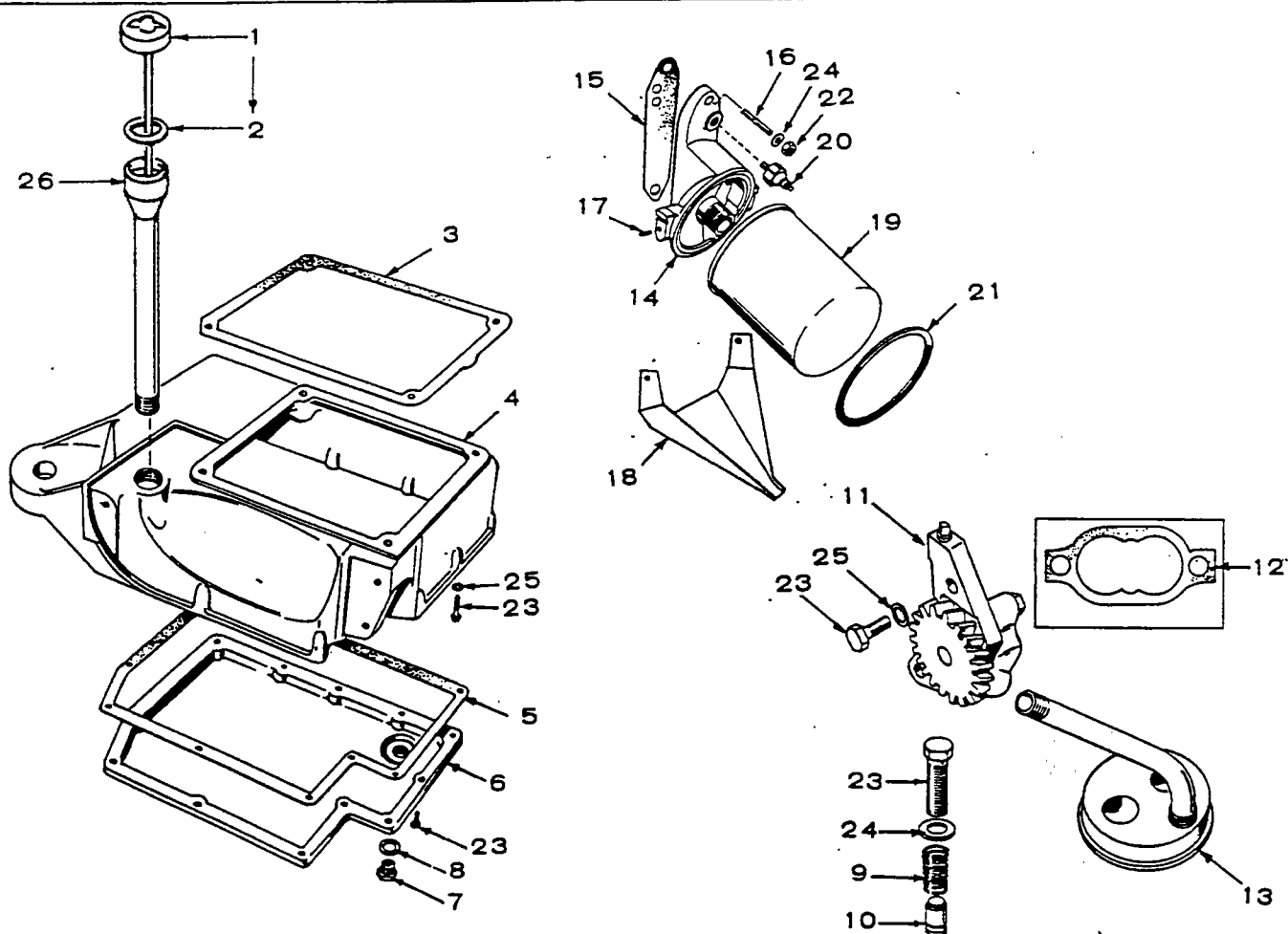
2. Do not order by reference number or group number; always use part number and description.
3. Give the part number, description and quantity needed of each item. If an older part cannot be identified, return the part prepaid to your dealer or nearest AUTHORIZED SERVICE STATION. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
4. State definite shipping instructions. Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

Prices are purposely omitted from this Parts Catalog due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

For current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center.

"En esta lista de partes los precios se omiten de proposito, ya que bastante confusion resulto de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extranjeros, etc."

Consiga los precios vigentes de su distribuidor de productos "ONAN".



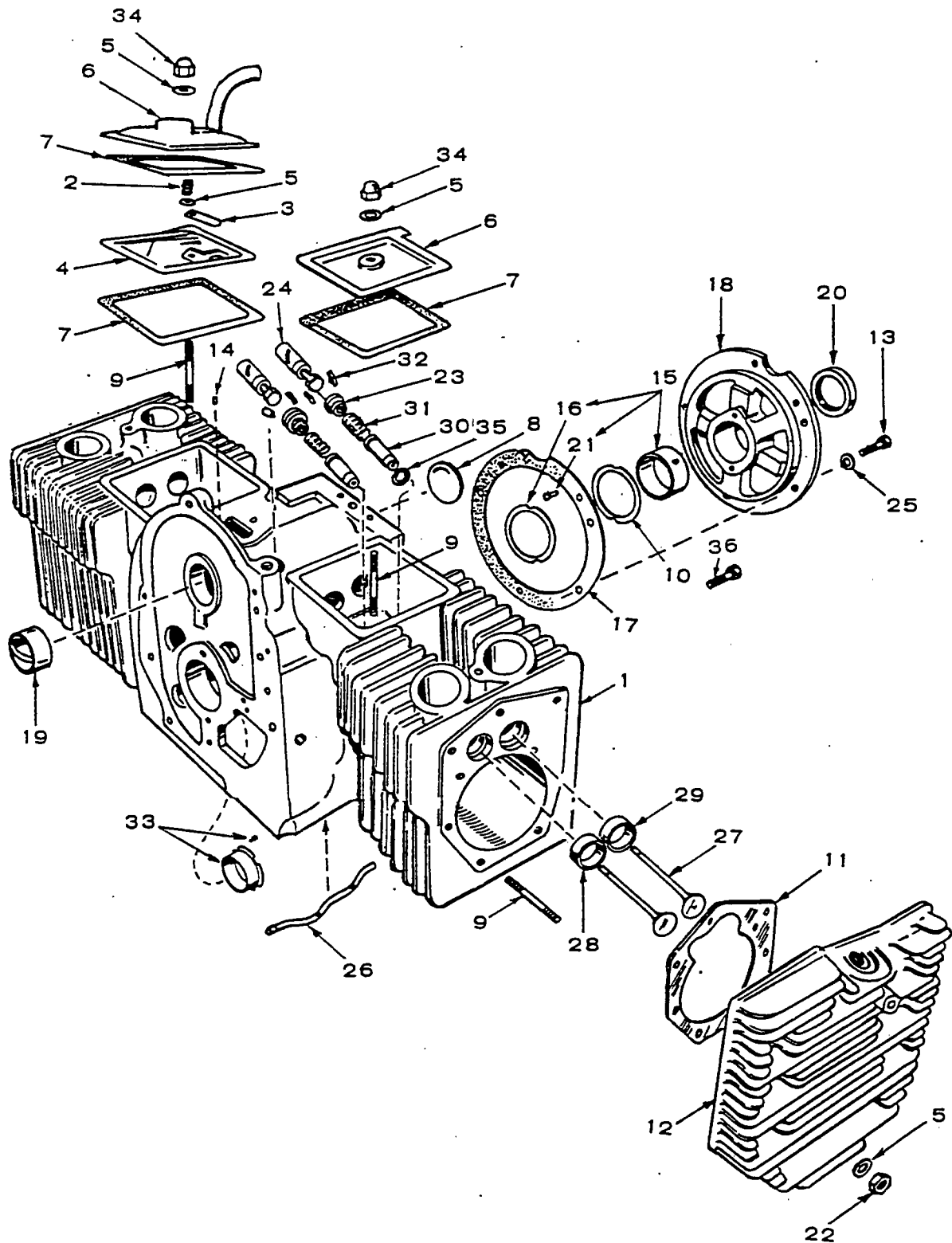
OIL SYSTEM GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CAP AND INDICATOR, OIL FILL		
	123-1164	1	Up to Serial #1754125014
	123-1162	1	Begin - Serial #1753125015
2	TUBE, OIL FILL		
	123-1208	1	Up to Serial #1753125014
	123-1179	1	Begin Serial #1753125015
3	102-0693	1	Gasket, Oil Base Mounting
4	102-0711	1	Base, Oil
5	102-0715	1	Gasket, Oil Pan
6	102-0713	1	Pan, Oil
7	*PLUG, OIL DRAIN		
	102-0716	1	1/2"
	102-0737	1	3/4"
8	*GASKET, OIL DRAIN PLUG		
	102-0743	1	1/2"
	102-0739	1	3/4"
9	120-0140	1	Spring, Oil By-Pass Valve
10	120-0398	1	Valve, Oil By-Pass
11	120-0491	1	Pump, Oil - Complete
			(NOTE: Internal parts not sold separately)
12	120-0161	1	Gasket Kit, Oil Pump
13	120-0713	1	Intake, Oil Pump (Includes Cup, Screen and Pipe)
14	122-0320	1	Adapter, Oil Filter
15	122-0321	1	Gasket, Oil Filter Adapter
16	520-0824	2	Stud, Oil Filter Adapter and Mounting Foot
17	516-0072	2	Pin, Drive - Oil Filter Drain
18	122-0360	1	Drain, Oil Filter

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	122-0338	1	Filter, Oil - Spin-On
20	309-0237	1	Switch, Low Oil Pressure
21	122-0347	1	Seal, Oil Filter - Air
22	110-0445	2	Nut, Oil Filter Adapter Mounting (5/16-18)
23	SCREW, HEX CAP		
	815-0293	13	Oil Pan Mounting (1/4-20 x 3/4")
	800-0007	2	Oil Pump Mounting (1/4-20 x 1")
	800-0052	4	Oil Base Mounting (3/8-16 x 1-1/2")
	801-0050	1	Oil By-Pass Valve (3/8-24 x 1")
24	WASHER, FLAT		
	526-0065	2	Oil Filter Adapter Mounting, Copper (5/16")
	526-0066	1	Oil By-Pass Valve, Copper (3/8")
25	WASHER, LOCK		
	850-0050	4	Oil Base Mounting (3/8")
	850-0040	2	Oil Pump Mounting (1/4")
26	123-0191	1	Gasket, Oil Fill Cap

* - Order By Correct Size

CYLINDER BLOCK GROUP

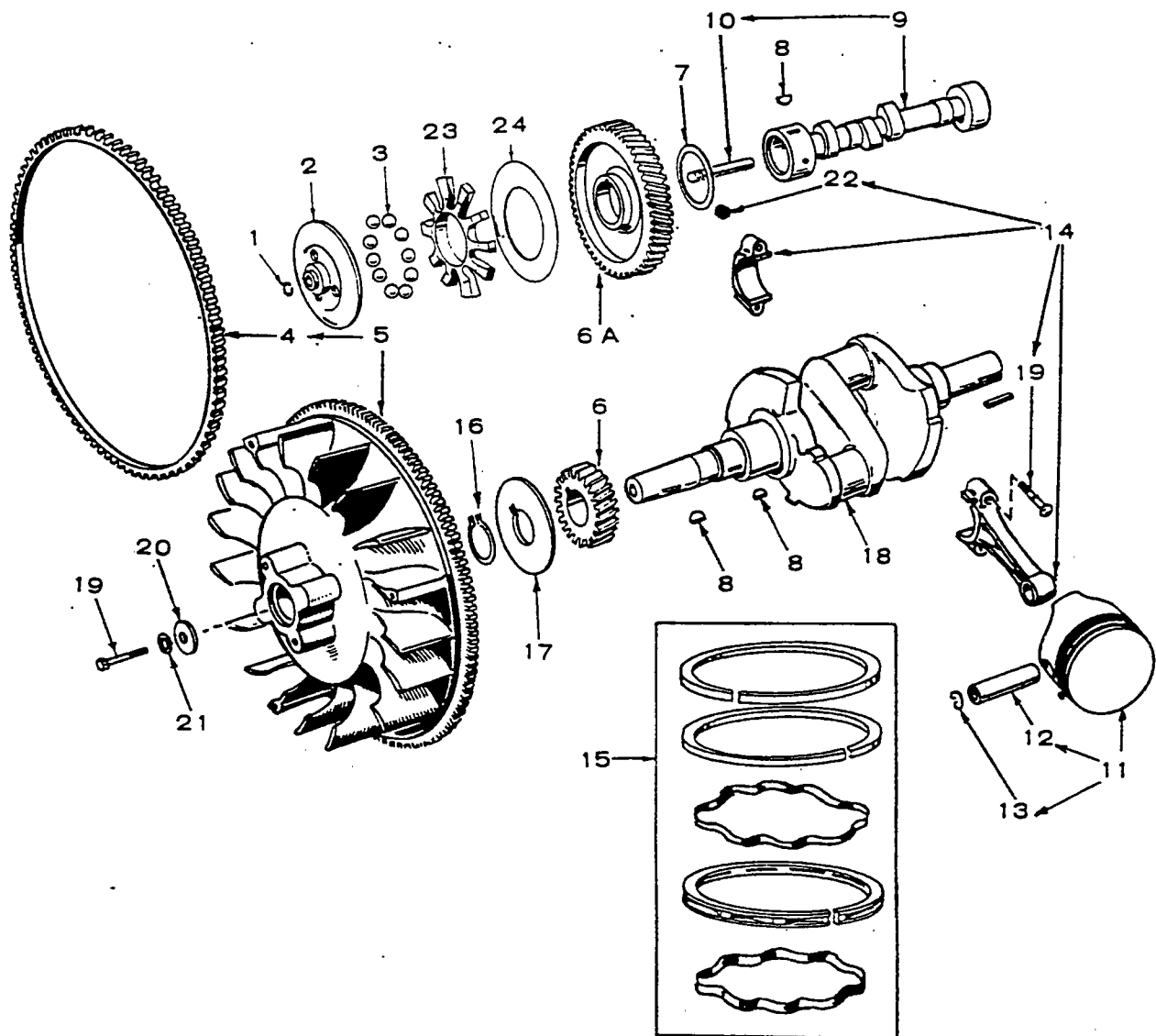


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1975	1	Block Assembly, Cylinder (Includes parts marked *)
2	123-1174	1	Spring, Breather Valve
3	123-1175	1	Valve, Breather
4	123-1225	1	Baffle, Breather
5	WASHER, FLAT 526-0018	1	Breather Valve (1/4" - Steel)
	526-0063	2	Valve Compartment Cover: (1/4" - Copper)
	526-0122	18	Cylinder Head Studs (5/16" - Steel)
6	COVER, VALVE COMPARTMENT 110-1960	1	Cover with Tube for Breather Hose (L.H.)
	110-1879	1	Cover without Tube for Breather Hose (R.H.)
7	110-1921	3	Gasket, Valve Cover
8	517-0048	1	*Plug, Camshaft Expansion
9	STUD 520-0424	6	Cylinder Head (5/16 x 2-5/16")
	520-0759	12	Cylinder Head (5/16 x 2-1/16")
	520-0757	2	Valve Compartment Cover (1/4 x 2-1/16")
10	104-0776	As Req.	*Shim, Rear Bearing Plate (.005")
11	110-1920	2	Gasket, Cylinder Head
12	HEAD, CYLINDER 110-1924	1	Right Side (#2 Cylinder)
	110-1925	1	Left Side (#1 Cylinder)
13	800-0051	5	Screw, Hex Cap - Bearing Plate Mounting (3/8-16 x 1-1/4")
14	517-0120	1	*Plug, Impulse Hole
15	BEARING, CRANKSHAFT - REAR 101-0420	1	*Standard
	101-0420-02	1	.002" Undersize
	101-0420-10	1	.010" Undersize
	101-0420-20	1	.020" Undersize
	101-0420-30	1	.030" Undersize
16	104-0575	2	*Washer, Crankshaft Bearing Thrust
17	101-0415	1	*Gasket, Bearing Plate

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
18	101-0439	1	*Plate, Rear Bearing (Excludes Bearing)
19	101-0405	2	Bearing, Camshaft (Precision)
20	509-0041	1	*Seal, Bearing Plate
21	516-0072	4	*Pin, Main Bearing Stop
22	110-0445	18	Nut, Hex - Cylinder Head (5/16-24)
23	110-0904	4	Rotocap, Valve Spring
24	TAPPET, VALVE 115-0006	4	Standard
	115-0006-05	4	.005" Oversize
25	850-0050	5	*Washer, Lock - Rear Bearing Plate (3/8")
26	120-0706	1	*Tube, Crankcase Oil
27	VALVE 110-1808	2	Intake
	110-1809	2	Exhaust
28	INSERT, VALVE SEAT - EXHAUST 110-0245	2	*Standard
	110-0245-02	2	.002" Oversize
	110-0245-05	2	.005" Oversize
	110-0245-10	2	.010" Oversize
	110-0245-25	2	.025" Oversize
29	INSERT, VALVE SEAT - INTAKE 110-0197	2	*Standard
	110-0197-02	2	.002" Oversize
	110-0197-05	2	.005" Oversize
	110-0197-10	2	.010" Oversize
	110-0197-25	2	.025" Oversize
30	110-1807	4	*Guide, Valve
31	110-0539	4	Spring, Valve
32	110-0639	8	Lock, Valve and Spring Retainer
33	BEARING, CRANKSHAFT - FRONT 101-0432	1	*Standard
	101-0432-02	1	.002" Undersize
	101-0432-10	1	.010" Undersize
	101-0432-20	1	.020" Undersize
	101-0432-30	1	.030" Undersize
34	866-0001	2	Nut, Acorn - Valve Compartment Cover (1/4-20)
35	110-0068	2	*Gasket, Valve Guide (Intake)
36	800-0046	2	*Screw, Cap - Hex Head (3/8-16 x 1/2")

* - Included in 110-1975 Cylinder Block Assembly.

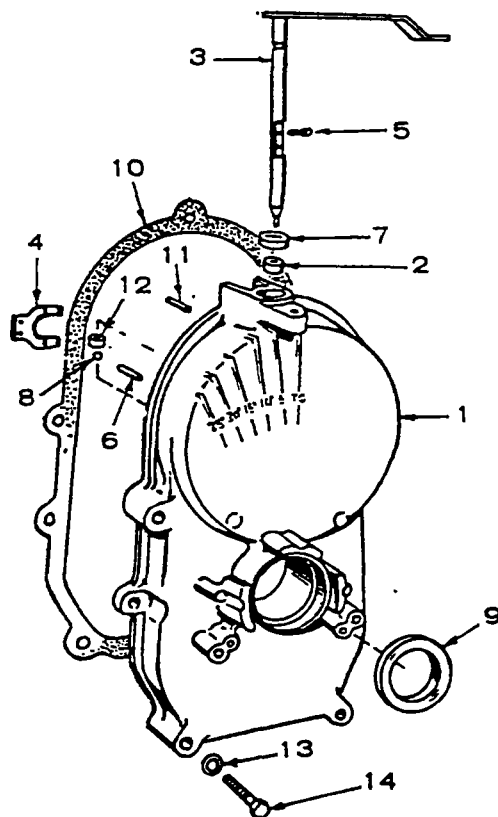
CRANKSHAFT, FLYWHEEL, CAMSHAFT AND PISTON GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-0078	1	Ring, Camshaft Center Pin
2	150-0612	1	Cup, Governor
3	510-0015	10	Ball, Fly - Governor
4	104-0779	1	Gear, Ring - Flywheel
5	134-2590	1	Flywheel (Includes Ring Gear and Magnet Ring)
6	104-0032	1	Gear, Crankshaft
6A	105-0332	1	Gear, Camshaft
7	105-0004	1	Washer, Camshaft Gear Thrust
8	KEY		
	515-0001	1	Camshaft Gear Mounting
	515-0001	1	Crankshaft Gear Mounting
	515-0227	1	Flywheel Mounting (Kit)
9	105-0376	1	Camshaft (Includes Center Pin)
10	150-0075	1	Pin, Camshaft Center
11	PISTON AND PIN (INCLUDES RETAINING RINGS)		
	112-0123	2	Standard
	112-0123-05	2	.005" Oversize
	112-0123-10	2	.010" Oversize
	112-0123-20	2	.020" Oversize
	112-0123-30	2	.030" Oversize
	112-0123-40	2	.040" Oversize
12	112-0122	2	Pin, Piston
13	518-0311	4	Ring, Piston Pin Retaining
14	ROD ASSEMBLY, CONNECTING		
	114-0225	2	Standard
	114-0225-10	2	.010" Undersize
	114-0225-20	2	.020" Undersize
	114-0225-30	2	.030" Undersize

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
15	RING SET, PISTON		
	113-0188	2	Standard
	113-0188-05	2	.005" Oversize
	113-0188-10	2	.010" Oversize
	113-0188-20	2	.020" Oversize
	113-0188-30	2	.030" Oversize
	113-0188-40	2	.040" Oversize
16	518-0014	1	Lock, Crankshaft Gear Washer
17	104-0043	1	Washer, Crankshaft Gear Retaining Crankshaft
18	104-0895	1	
19	SCREW, HEX CAP		
	114-0228	4	Connecting Rod (Special)
	104-0170	1	Flywheel Mounting (7/16-14 x 4")
20	526-0017	1	Washer, Flat - Flywheel Mounting
21	850-0055	1	Washer, Lock - Flywheel Mounting
22	870-0137	4	Nut, Hex - Connecting Rod Cap (Self Locking)
23	150-0077	1	Plate, Governor Ball
24	150-1257	1	Spacer, Governor Ball

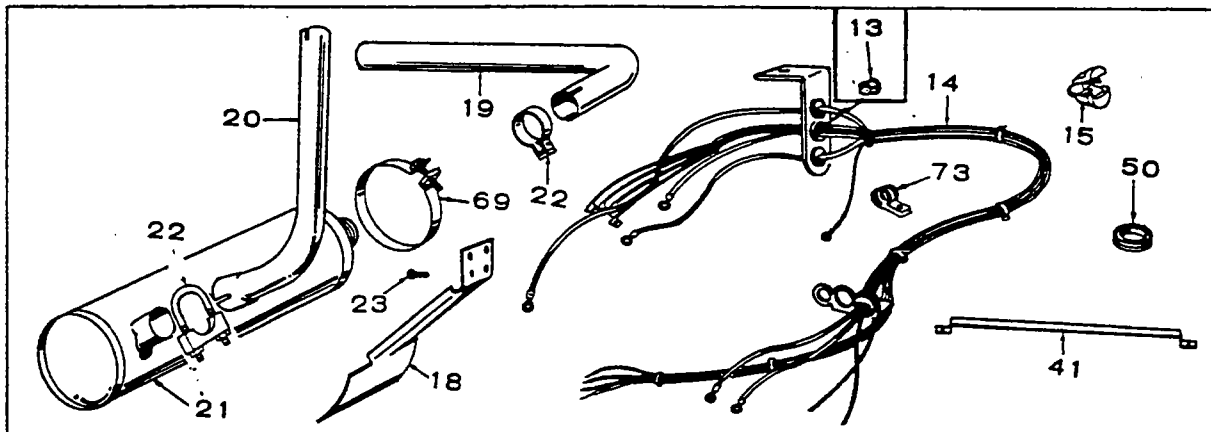
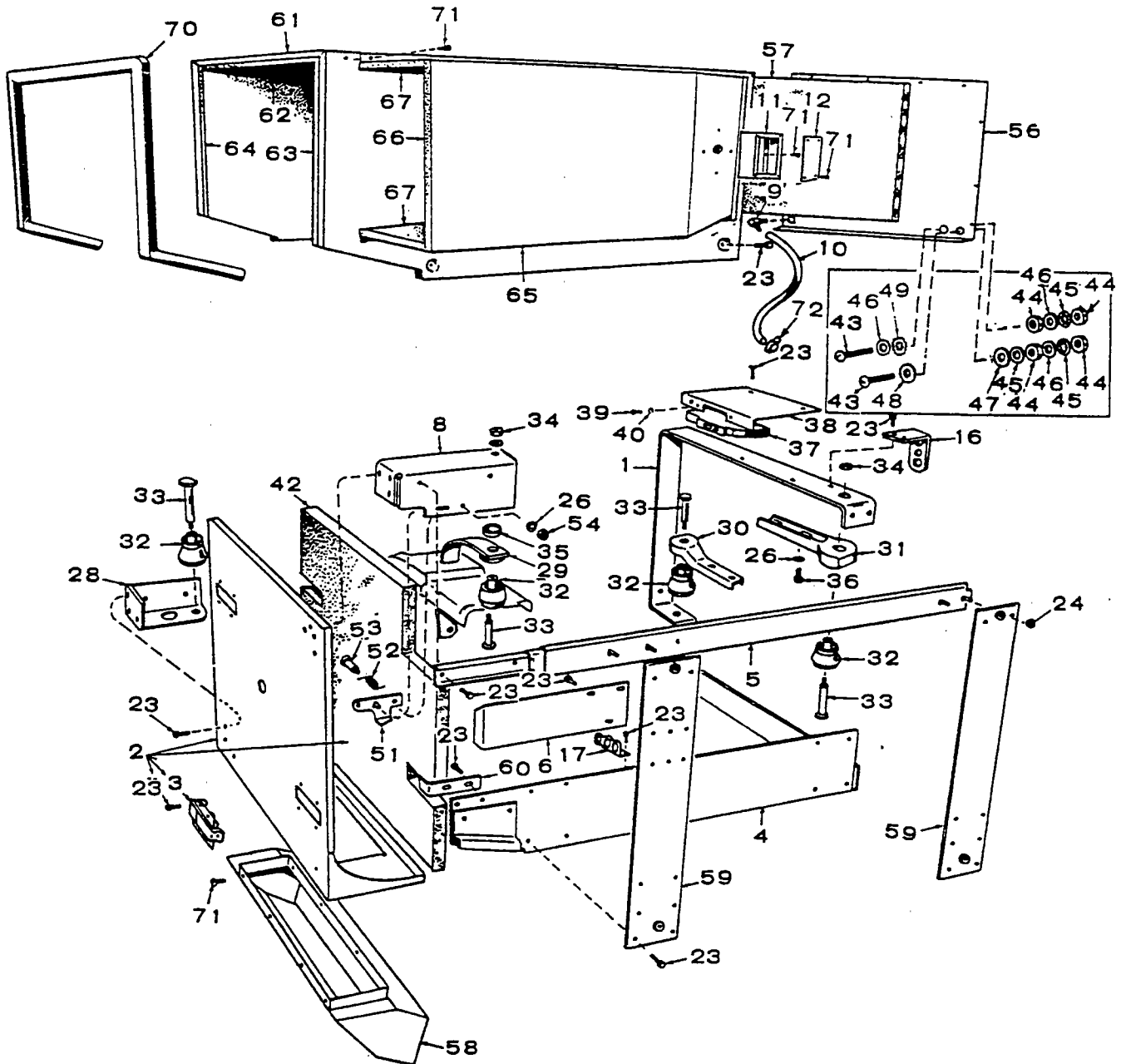
GEAR COVER GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0417	1	Cover Assembly, Gear (Includes parts marked *)
2	510-0013	1	*Bearing, Governor Shaft (Upper)
3	150-1375	1	*Shaft and Arm Assembly - Governor
4	150-1187	1	*Yoke, Governor Shaft
5	815-0046	2	*Screw, Yoke Retaining
6	516-0130	1	*Pin, Governor Cup Stop
7	509-0008	1	*Seal, Oil - Governor Shaft
8	510-0014	1	*Ball, Bearing - Governor Shaft
9	509-0040	1	*Seal, Gear Cover
10	103-0408	1	Gasket, Gear Cover Mounting
11	516-0011	2	Pin, Gear Cover (5/16 x 1-1/8")
12	510-0008	1	*Bearing, Governor Shaft (Lower)
13	526-0065	5	Washer, Flat - Gear Cover Mounting (21/64" ID x 9/16" OD x 1/16" Thk)
14	SCREW, HEX CAP - GEAR COVER MOUNTING		
	800-0032	4	5/16-18 x 1-3/4"
	800-0034	1	5/16-18 x 2-1/4"

* - Included in 103-0417 Gear Cover Assembly.

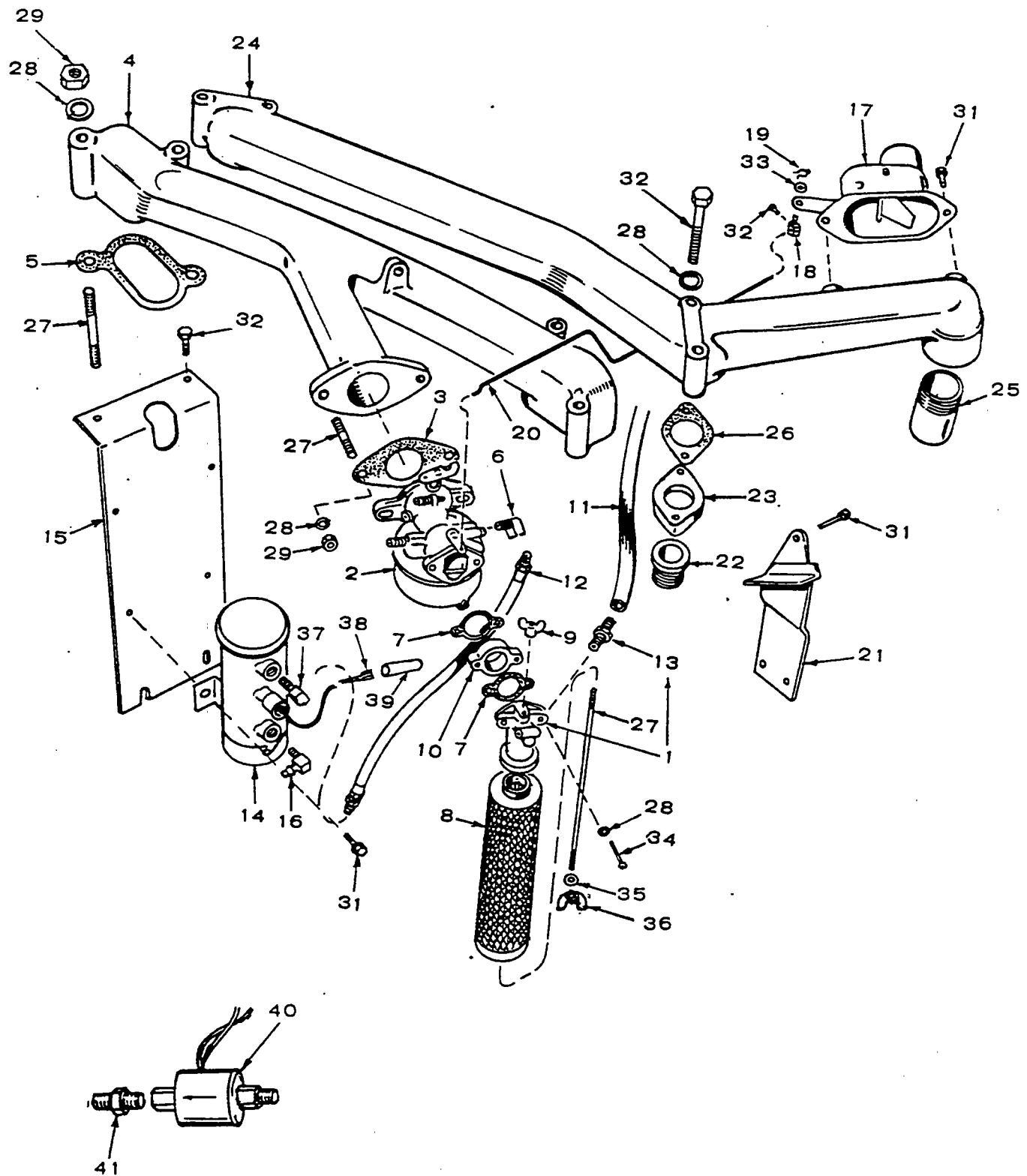
CHASSIS GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	405-1960	1	Yoke, Generator Support
2	405-1965	1	Door, Slide Out (Includes Latches and Insulation)
3	406-0372	2	Latch, Door
4	405-2028	1	Base, Mounting
5	405-2074	2	Slide
6	405-1956	2	Bracket, Latch Strike
8	403-1026	1	Bracket - Engine Mounting
9	502-0313	1	Connector Elbow - Fuel Line
10	503-0687	1	Hose, Fuel
11	301-3639	1	Box, Junction
12	301-3640	1	Cover, Junction Box
13	331-0102	1	Bushing (Part of Wiring Harness)
14	338-0711	1	Harness, Wiring - Chassis
15	508-0179	4	Relief, Strain (Part of Wiring Harness)
16	301-3612	1	Bracket, Harness Mounting (Part of Wiring Harness)
17	301-3613	1	Bracket, Harness Mounting (Part of Wiring Harness)
18	155-1238	1	Bracket, Muffler Hanger
19	155-1265	1	Tube, Exhaust Extension
20	155-1223	1	Tube, Exhaust
21	155-1222	1	Muffler, Exhaust
22	CLAMP, EXHAUST		
	155-1244	1	1.38" Diameter
	155-1015	2	1.62" Diameter
23	SCREW, HEX CAP - SELF LOCKING		
	815-0261	6	Striker Catch Mounting (1/4-20 x 1/2")
	815-0261	16	Hanger Bracket Mounting (1/4-20 x 1/2")
	815-0261	6	Door Mounting (1/4-20 x 1/2")
	815-0261	3	Wiring Harness Brackets Mounting (1/4-20 x 1/2")
	815-0389	2	Safety Catch Strike Mounting (1/4-20 x 3/8")
	815-0261	2	Circuit Breaker Bracket Mounting (1/4-20 x 1/2")
	815-0261	2	Muffler Bracket Mounting (1/4-20 x 1/2")
	815-0376	8	Door Latch Mounting (#10-32 x 3/4")
	815-0261	8	Cover, Mounting (1/4-20 x 1/2")
24	870-0212	9	Nut, Self Locking - Slide Rail Mounting (1/4-20)
26	WASHER, LOCK		
	850-0050	4	Generator Support Mounting (3/8")
	850-0038	1	Safety Latch Mounting (1/4")
28	403-1027	1	Bracket, Engine End - Left Side
29	403-1019	1	Foot Assembly, Engine Mounting - Right Side
30	232-2363	1	Support Generator - Left Side
31	232-2364	1	Support Generator - Right Side
32	402-0283	4	Cushion, Mount
33	402-0412	4	Bolt, Cushion Mounting
34	870-0281	4	Nut, Self Locking - Cushion Mounting
35	402-0413	2	Spacer, Cushion Mounting - Engine End - Right Side
36	800-0051	4	Screw, Hex Cap - Generator Support (3/8-16 x 1-1/4")
37	320-0153	1	Breaker, Circuit

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
38	405-2003	1	Bracket, Circuit Breaker Mounting
39	812-0059	2	Screw, Round Head - Circuit Breaker Mounting (#6-32 x 1/4")
40	850-0020	2	Washer, Lock - Circuit Breaker Mounting (#6)
41	405-2007	1	Bracket, Fuel Line Return
42	405-1964	1	Insulation, Door
43	810-0181	2	Screw, Round Head Brass - Battery Cable Terminal (5/16-18 x 1-1/4")
44	871-0025	4	Nut, Hex Brass - Battery Cable Terminals (5/16-18)
45	854-0017	3	Washer, Internal Shakeproof - Battery Cable Terminals (5/16")
46	526-0054	3	Washer, Flat - Battery Cable Terminals (5/16")
47	508-0019	1	Washer, Fibre - Battery Cable Terminals (5/16")
48	508-0181	1	Washer, Fibre - Battery Cable Terminals (5/16")
49	856-0008	1	Washer, External - Internal Shakeproof - Battery Cable Terminals (5/16")
50	508-0008	1	Grommet, Battery Cable Through Pan
51	405-2008	1	Lever, Safety Latch
52	405-2081	1	Spring, Safety Stop Latch
53	150-1146	1	Screw, Lever Engage
54	115-0025	1	Nut, Hex - Safety Latch (1/4-28)
56	405-1963	1	Panel, Rear Housing (Includes Insulation)
57	405-1993	1	Insulation, Rear Panel
58	405-2089	1	Duct, Exhaust Air
59	405-1946	4	Bracket, Hanger
60	405-1957	1	Striker, Safety Catch
61	405-1962	1	Cover, Generator Set (Includes Insulation)
62	405-1990	1	Insulation, Cover Top
63	405-1991	1	Insulation, Cover Right Side
64	405-1992	1	Insulation, Cover Left Side
65	405-2053	1	Duct Assembly (Includes Insulation)
66	405-2055	1	Insulation, Duct (Side)
67	405-2056	2	Insulation, Duct (Top and Bottom)
69	503-0681	2	Clamp, Muffler
70	SEAL, WEATHER PROOF		
		1	Door (Order 59" of Bulk Seal Number 895-0150)
		1	Bottom Panel (Order 22" of Bulk Seal Number 895-0151)
71	SCREW, SHEET METAL		
	815-0335	11	Duct Assembly Mounting (#10)
	815-0335	10	Back Panel Mounting (#10)
	815-0335	8	Outlet Duct Mounting (#10)
	815-0335	4	Outlet Box Mounting (#10)
	809-0044	4	Outlet Box Cover Mounting (#10)
72	503-0685	2	Clamp, Fuel Line
73	CLAMP, HARNESS		
	332-1553	1	1"
	332-1554	1	1/2"

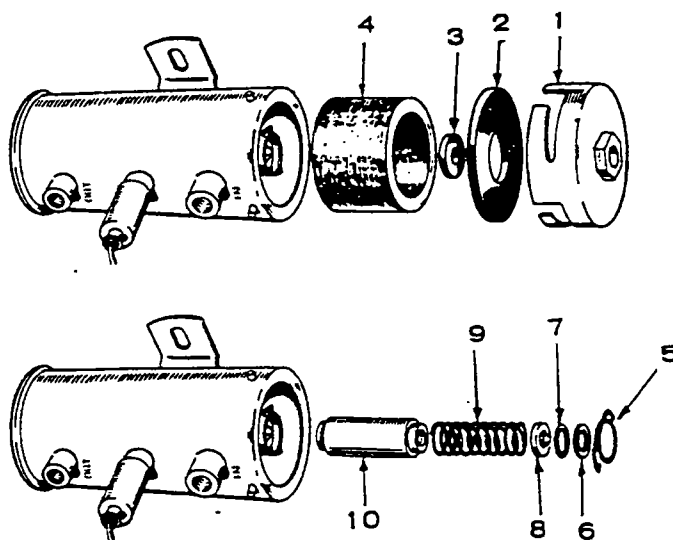
FUEL SYSTEM GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-1321	1	Adapter, Air Cleaner (Includes Breather Hose Adapter)
2	146-0169	1	Carburetor
3	141-0078	1	Gasket, Carburetor Mounting
4	154-1517	1	Manifold, Intake
5	154-1446	2	Gasket, Intake Manifold
6	502-0020	1	Elbow, Carburetor Inlet
7	145-0446	2	Gasket, Air Cleaner Adapter
8	140-1220	1	Element, Air Cleaner
9	865-0022	1	Nut, Wing - Air Cleaner
10	146-0163	1	Spacer, Carburetor to Air Cleaner Adapter
11	503-0670	1	Hose, Breather
12	501-0003	1	Line, Fuel
13	502-0193	1	Adapter, Breather Hose
14	149-0650	1	Pump, Fuel
15	149-1316	1	Bracket, Fuel Pump and Regulator Mounting
16	502-0020	1	Elbow, Fuel Pump Inlet
17	153-0223	1	Choke, Sisson
18	152-0155	1	Swivel, Choke Linkage
19	516-0059	1	Pin, Cotter - Choke Swivel
20	153-0451	1	Linkage, Choke
21	155-1237	1	Bracket, Muffler
22	154-1536	2	Nipple, Exhaust
23	154-1537	2	Flange, Exhaust Manifold Mounting
24	154-1518	1	Manifold, Exhaust
25	505-0755	1	Nipple, Exhaust Manifold Outlet
26	154-1526	2	Gasket, Exhaust Manifold
27	STUD		
	520-0758	4	Intake Manifold Mounting
	520-0853	1	Air Cleaner Mounting
	520-0326	2	Carburetor Mounting

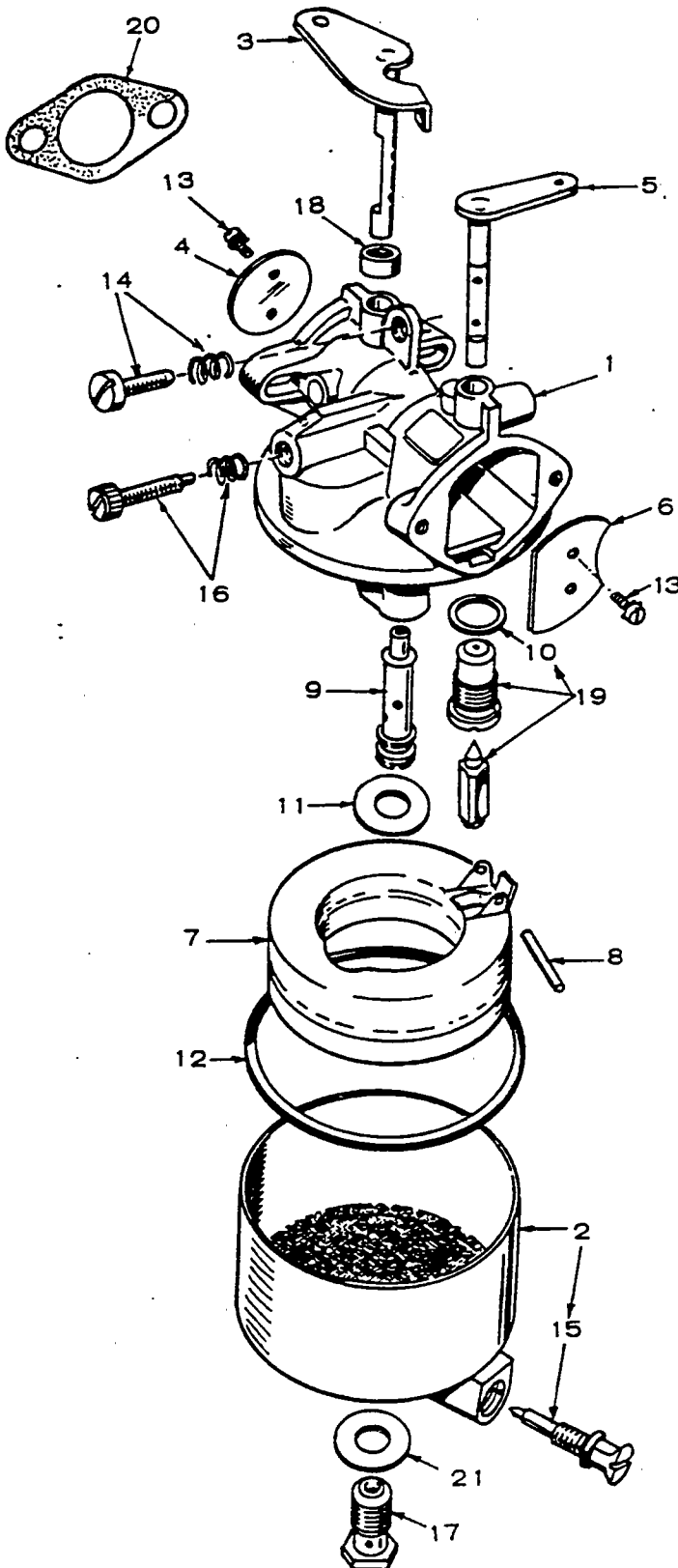
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
28	WASHER, LOCK		
	850-0025	2	Air Cleaner Adapter Mounting (#8)
	850-0040	2	Carburetor Mounting (1/4")
	850-0045	4	Intake Manifold Mounting (5/16")
	850-0045	4	Exhaust Manifold Mounting (5/16")
29	NUT, HEX		
	862-0015	4	Intake Manifold Mounting (5/16-18)
	115-0025	2	Carburetor Mounting (1/4-28)
30	861-0008	1	Nut, Square - Air Cleaner Mounting (#10-32)
31	SCREW, SELF LOCKING		
	821-0009	2	Fuel Pump Mounting (1/4-20 x 3/8")
	821-0009	2	Choke Mounting (1/4-20 x 3/8")
	821-0010	1	Muffler Bracket Mounting (1/4-20 x 1/2")
	821-0018	1	Muffler Bracket Mounting (1/4-20 x 5/8")
32	SCREW, HEX CAP		
	815-0261	4	Fuel Pump and Regulator Bracket Mounting (#10-32 x 5/16")
	800-0033	4	Exhaust Manifold Mounting (5/16-18 x 2")
	815-0381	1	Choke Swivel (#8-32 x 5/16")
33	WASHER, FLAT		
	526-0006	1	Choke Swivel
34	812-0087	2	Screw, Round Head - Air Cleaner Adapter Mounting (#8-32 x 1-1/2")
35	526-0012	1	Washer, Flat - Air Cleaner Element Mounting
36	865-0022	1	Nut, Wing - Air Cleaner Mounting
37	502-0002	1	Elbow, Fuel Pump Outlet
38	332-0529	1	Terminal, Fuel Pump Lead
39	332-0556	1	Connector, Fuel Pump Lead
40	307-1279	1	Valve, Fuel Solenoid
41	502-0082	1	Nipple, Fuel Solenoid Valve

FUEL PUMP PARTS GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-0650	1	Pump, Fuel (Complete)
1	149-1453	1	Cover
2	149-1446	1	Gasket, Cover
3	149-1447	1	Magnet
4	149-1445	1	Filter
5	149-1448	1	Retainer, Cup and Plunger
6	149-1449	1	Washer, Cup Gasket
7	149-1450	1	Gasket, Spring Cup
8	149-1451	1	Spring Cup and Valve
9	149-0767	1	Spring, Plunger Return
10	149-1452	1	Plunger

CARBURETOR PARTS GROUP



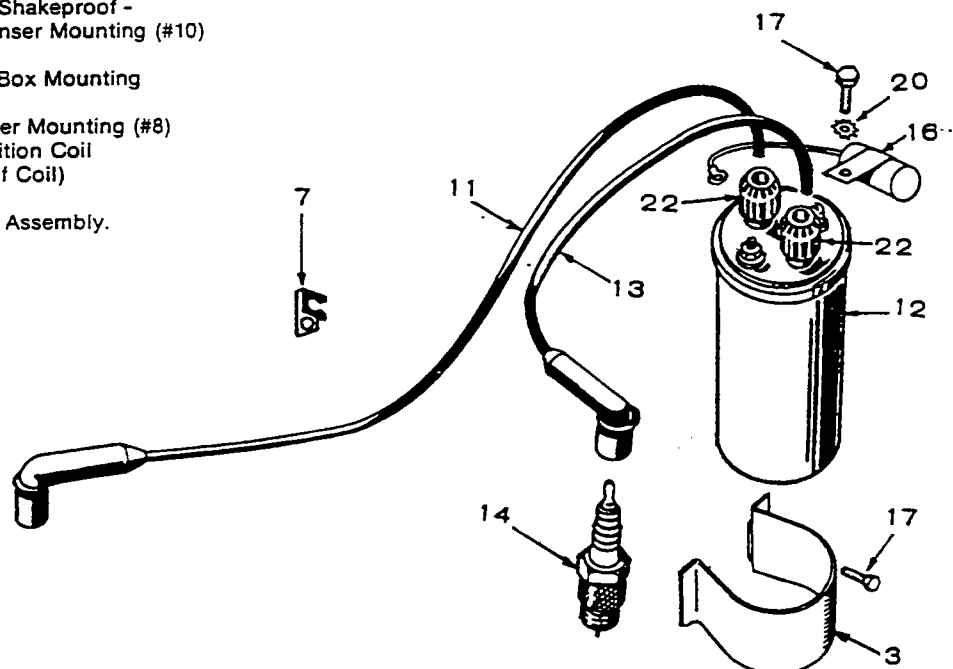
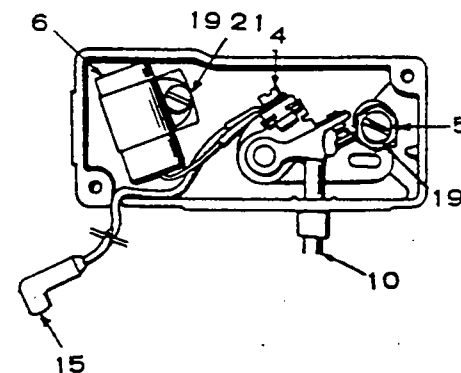
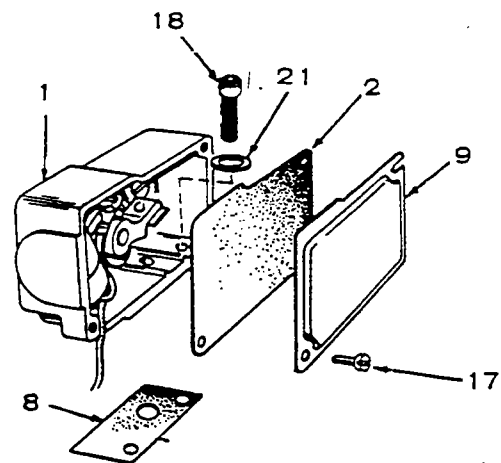
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	146-0169	1	Carburetor Assembly (Complete)
1	146-0170	1	Body, Carburetor
2	146-0171	1	Bowl Assembly (Includes Power Needle and Screen)
3	146-0172	1	Shaft, Throttle
4	146-0173	1	Valve, Throttle
5	146-0174	1	Shaft, Choke
6	146-0175	1	Valve, Choke
7	146-0176	1	Float Assembly
8	146-0111	1	•Shaft, Float
9	146-0181	1	Nozzle
10	146-0182	1	*Gasket, Valve Seat
11	146-0183	1	*Gasket, Bowl
12	146-0184	1	*Gasket, Body to Bowl
13	146-0142	4	Screw and Washer Assembly
14	146-0186	1	Spring and Screw, Adjusting
15	146-0187	1	•Needle Assembly - Power
16	146-0116	1	•Needle Assembly - Idle
17	146-0177	1	Retainer, Bowl
18	146-0178	1	Seal, Throttle Shaft
19	146-0179	1	•Float Valve Seat and Gasket Assembly
20	141-0078	1	*Gasket, Mounting Flange
21	146-0193	1	*Gasket, Bowl
	146-0185	1	•Kit, Gasket (Includes Parts Marked *)
	146-0180	1	*Kit, Repair (Includes Parts Marked •)

- * - Parts contained in the 146-0185 Gasket Kit.
- - Parts contained in the 146-0180 Repair Kit.

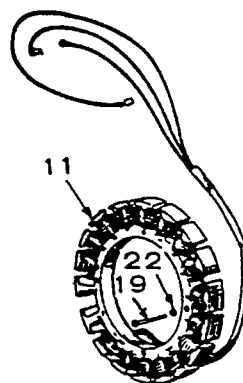
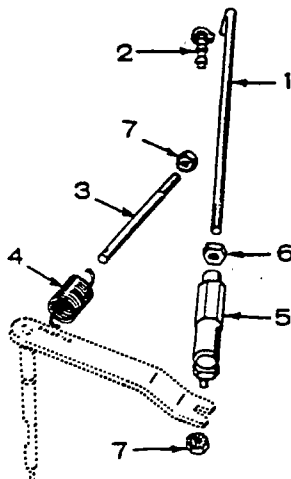
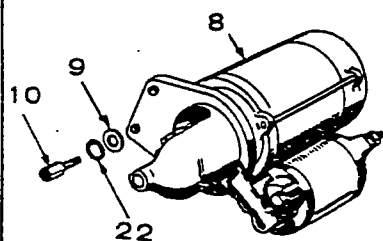
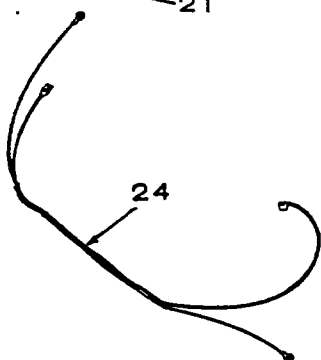
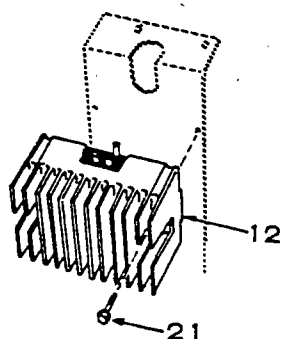
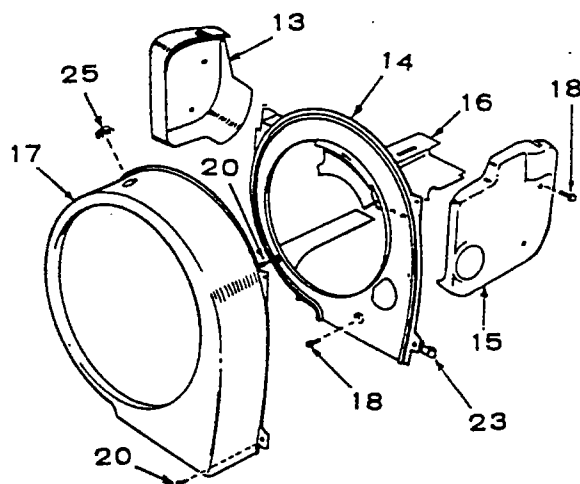
IGNITION GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	160-1158	1	Box Assembly, Breaker (Includes parts marked *)
2	160-1148	1	*Gasket, Breaker Box Cover
3	166-0603	1	Clamp, Coil Mounting
4	160-1154	1	*Point Set, Breaker
5	870-0221	1	*Nut, Breaker Point Mounting (#8-32)
6	312-0069	1	*Condenser, Breaker Points
7	167-0188	1	Clip, Spark Plug Cables
8	160-1150	1	Gasket, Breaker Box Mounting
9	160-1149	1	*Cover, Breaker Box
10	160-1151	1	Plunger
11	167-1558	1	Cable, Spark Plug (12" lg)
12	166-0535	1	Coil, Ignition
13	167-1568	1	Cable, Spark Plug (21" lg)
14	167-0245	2	Plug, Spark
15	336-2132	1	*Lead Assembly, Points to Coil
16	312-0027	1	Condenser, Ignition
17	SCREW, HEX CAP 815-0352	2	*Breaker Box Cover Mounting (#8-32 x 3/8")
	815-0379	1	Condenser Mounting (#10-32 x 1/2")
	815-0179	1	Coil Clamp Mounting (#10-32 x 3/8")
18	802-0034	2	*Screw, Cap (Socket Head) Breaker Box Mounting (1/4-20 x 3/4")
19	SCREW, SLOTTED PAN HEAD 815-0358	1	*Condenser Mounting (#8-32 x 3/8")
	815-0046	1	*Breaker Points Mounting (#8-32 x 3/8")
20	856-0003	1	Washer, Shakeproof - Condenser Mounting (#10)
21	WASHER, LOCK 850-0038	2	Breaker Box Mounting (1/4")
	850-0025	1	*Condenser Mounting (#8)
22	166-0604	2	Cap, Ignition Coil (Part of Coil)

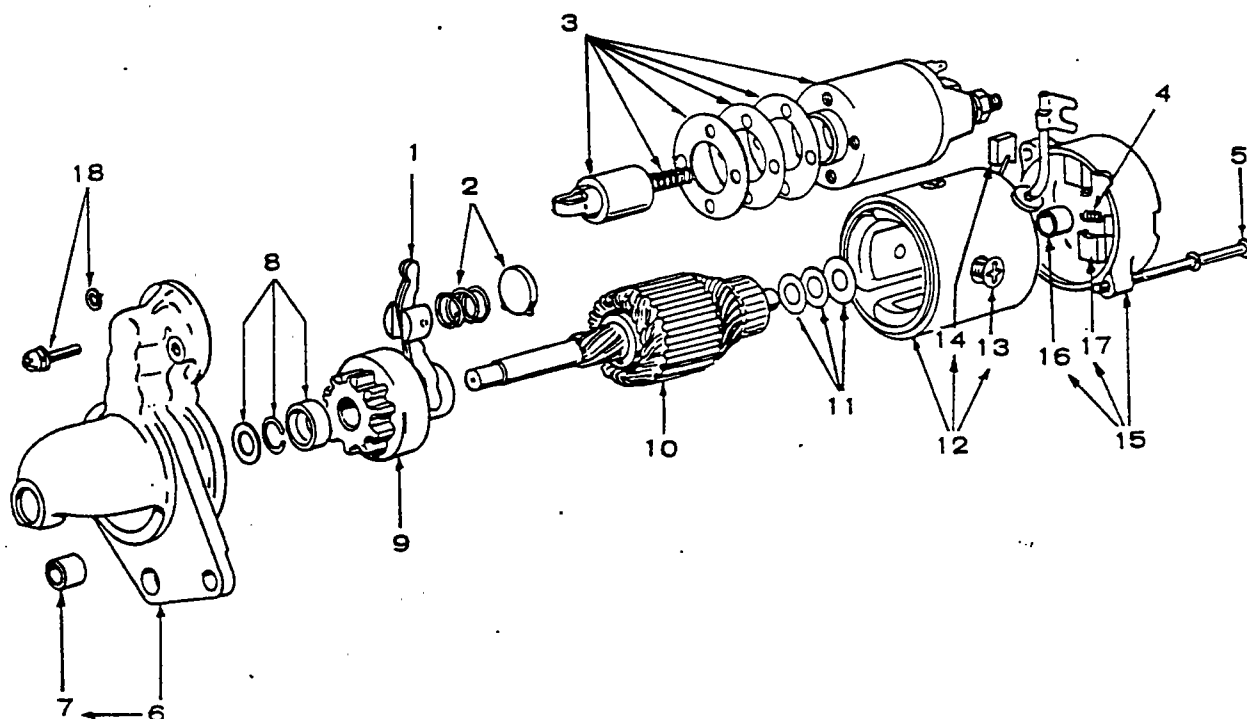
* - Included in 160-1158 Breaker Box Assembly.



GOVERNOR, STARTER, CHARGING ALTERNATOR AND BLOWER HOUSING GROUP



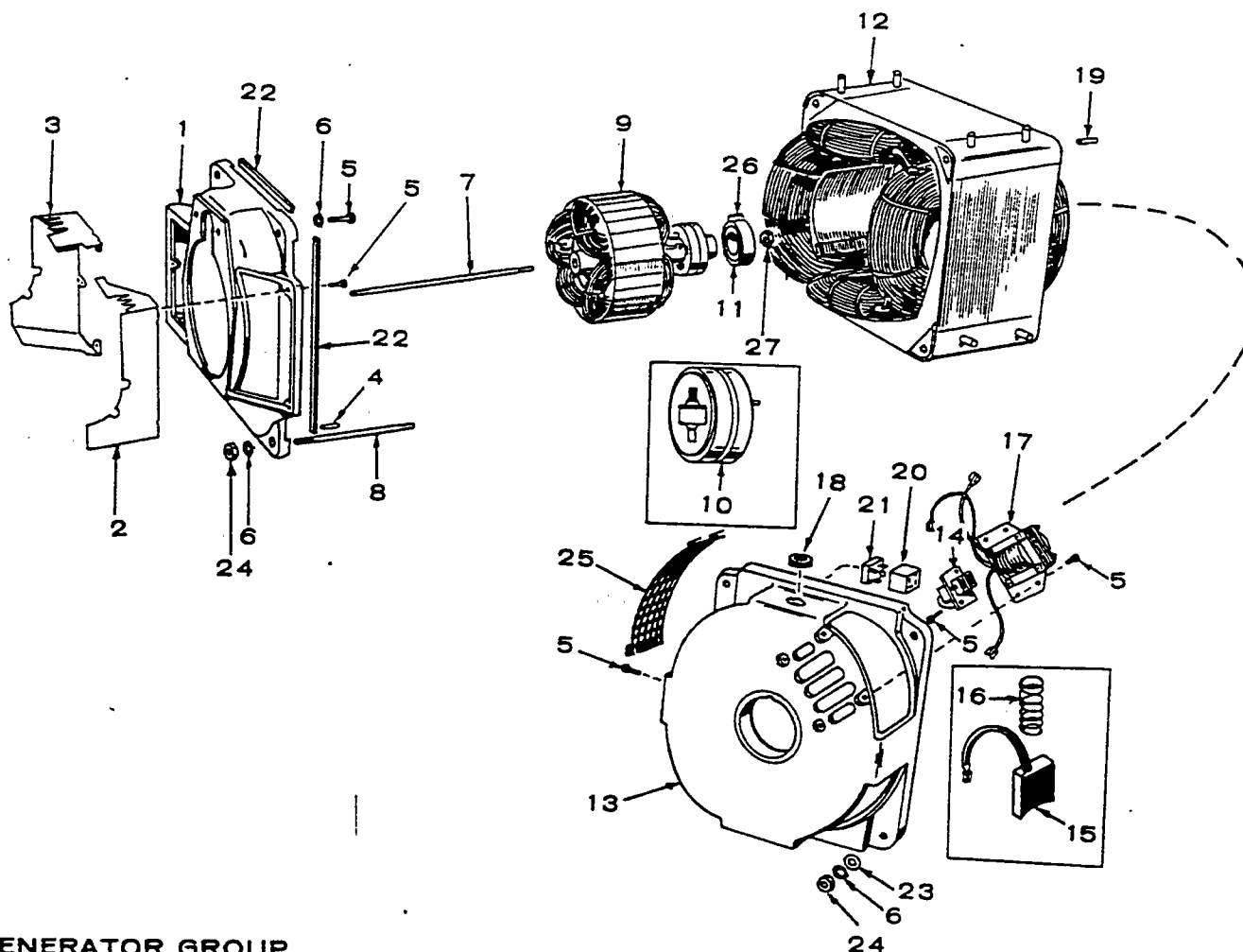
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-1377	1	Rod, Governor Control
2	518-0004	1	Clip, Governor Control Rod
3	150-1418	1	Stud, Governor Adjusting
4	150-0098	1	Spring, Governor
5	150-0639	1	Joint, Ball - Governor
6	870-0188	1	Pin, Governor Rod
7	870-0131	2	Nut, Keps - Governor Ball Joint and Adjusting Stud
8	191-0915	1	Motor, Starting (NOTE: For components - see separate group)
9	526-0113	2	Washer, Flat, Starter Mounting
10	134-2592	2	Stud, Starter Motor, Muffler Bracket and Scroll Mounting
11	191-0931	1	Stator, Charging Alternator
12	191-1106	1	Regulator, 12 Volt
13	134-2565	1	Housing, Cylinder Air - Left Side
14	134-2570	1	Scroll, Blower Housing
15	134-2564	1	Housing, Cylinder Air - Right Side
16	134-2567	1	Baffle, Cylinder Air - Right Side
17	134-2837	1	Cover, Blower Housing Scroll
18	SCREW, HEX CAP 815-0261	4	Cylinder Air Housing Mounting (1/4-20 x 7/16")
	815-0261	2	Scroll Mounting (1/4-20 x 7/16")
19	813-0108	3	Screw, Round Head - Stator Mounting (#10-32 x 1-1/2")
20	SCREW, SHEET METAL 809-0059	4	Scroll Cover Mounting
	809-0059	4	Scroll Mounting
21	821-0018	2	Screw, Self Locking - Regulator Mounting (1/4-20 x 5/8")
22	WASHER, LOCK 850-0030	3	Stator Mounting (#10)
	850-0045	2	Starter Motor Mounting (5/16")
23	CLIP, SPEED NUT 870-0106	4	Scroll Cover Mounting
	870-0106	4	Scroll Mounting
24	338-0709	1	Harness, Wiring - Alternator
25	517-0035	1	Plug, Dot Button - Scroll Cover



STARTING MOTOR PARTS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0915	1	Motor, Starting
1	191-0965	1	Lever Assembly
2	191-0966	1	Spring Set
3	191-0967	1	Switch Assembly
4	191-0968	2	Spring, Brush
5	191-0969	2	Bolt, Through
6	191-0970	1	Bracket Assembly, Front (Includes Bearing)
7	191-0971	1	Bearing, Front
8	191-0972	1	Stopper Set, Pinion
9	191-0973	1	Clutch Assembly

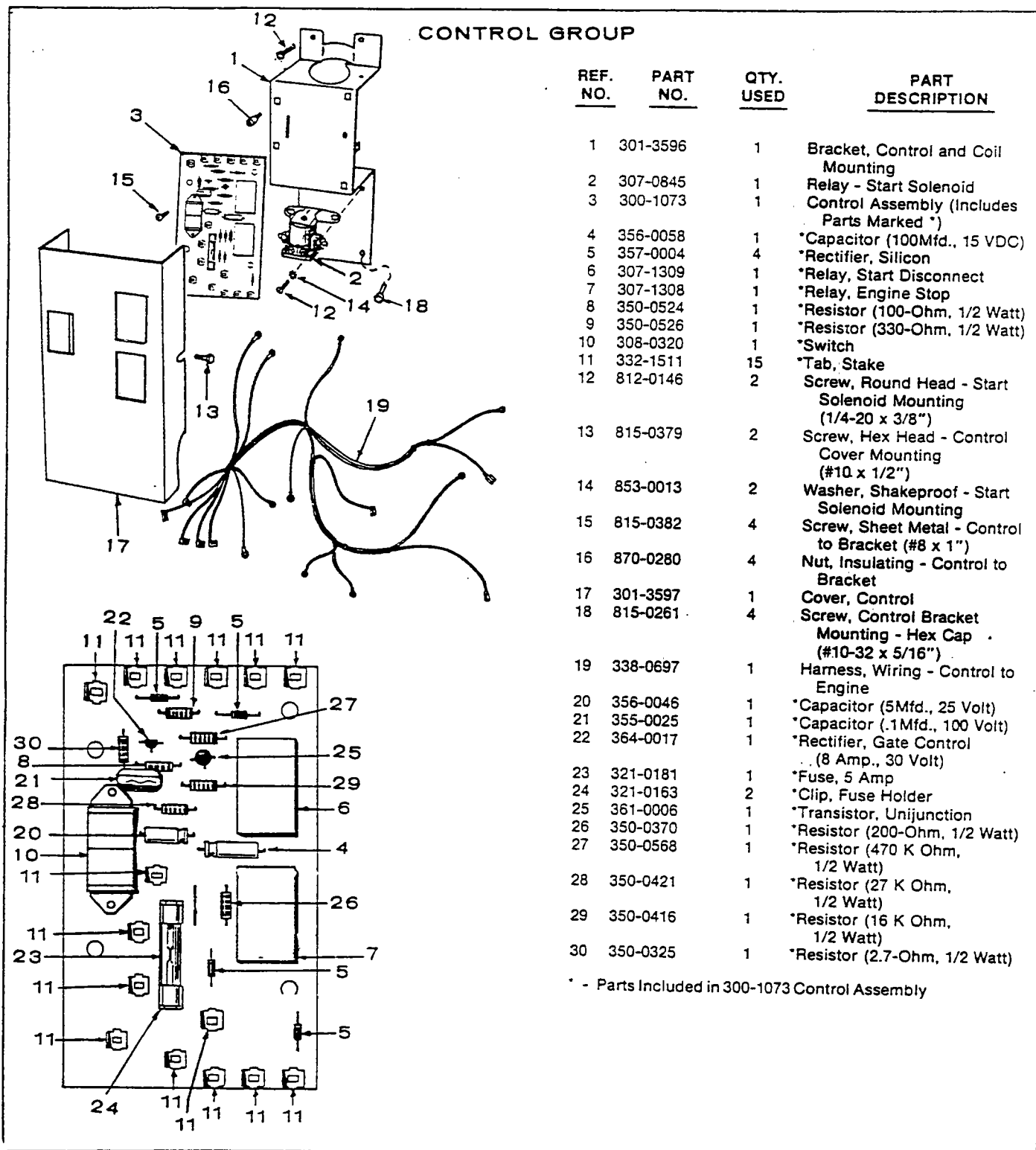
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
10	191-0974	1	Armature
11	191-0975	1	Washer Set
12	191-0976	1	Yoke Assembly (Includes Brush and Screws)
13	191-0977	4	Screw, Flat Head Machine
14	191-0978	1	Brush (+)
15	191-0979	1	Rear Bracket Assembly (Includes Bearing and Brush)
16	191-0980	1	Bearing, Rear
17	191-0981	1	Brush (-)
18	191-0982	1	Screw Set



GENERATOR GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	231-0162	1	Adapter, Control
2	232-2365	1	Duct, Generator Air (Right Side)
3	232-2366	1	Duct, Generator Air (Left Side)
4	516-0182	4	Pin, Roll - Generator Adapter
5	SCREW, HEX HEAD 815-0340	6	Air Duct Mounting (#10-32 x 3/8")
	800-0051	4	Adapter Mounting (3/8-16 x 1-1/4")
	815-0359	4	Brush Block Mounting (#10-32 x 7/8")
	815-0374	1	Rectifier Mounting (#8-32 x 1-1/4")
	815-0359	4	Reactor Mounting (#10-32 x 7/8")
6	WASHER, LOCK 850-0050	4	Adapter Mounting (3/8")
	850-0045	8	Generator Through Stud (5/16")
	520-0783	1	Stud, Rotor Through
8	520-0731	4	Stud, Generator Mounting
9	ARMATURE ASSEMBLY, WOUND 201-1986	1	Up to Serial #1753125014
	201-1988	1	Begin Serial #1753125015
	204-0115	1	Ring, Collector
11	510-0047	1	Bearing, Ball

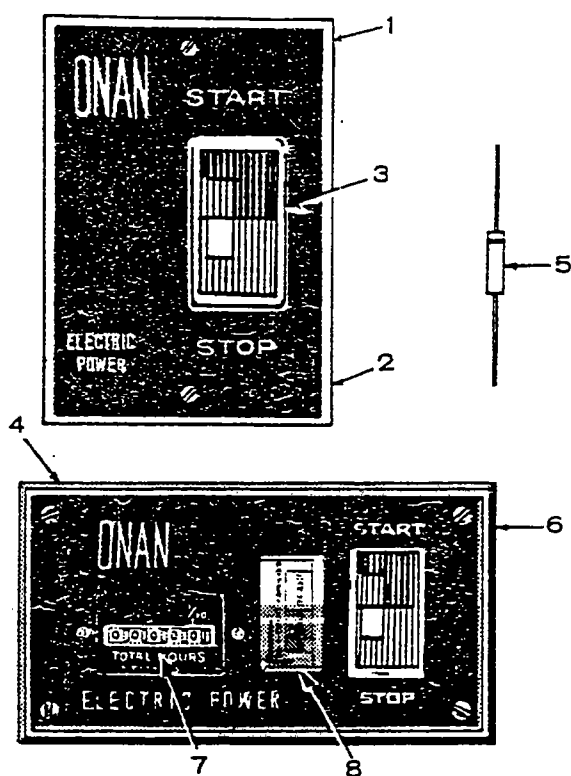
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	FRAME AND STATOR, WOUND 220-1857	1	Up to Serial #1753125014
	220-1859	1	Begin Serial #1753125015
13	211-0224	1	Bell, End
14	212-0351	2	Block Assembly (Includes Brushes and Springs)
15	214-0096	4	Brush
16	212-1232	4	Spring, Brush
17	REACTOR ASSEMBLY, THYRECTOR 315-0380	1	Up to Serial #1753125014
	315-0410	1	Begin Serial #1753125015
18	508-0178	1	Grommet, Output Leads
19	516-0182	4	Pin, Roll
20	305-0519	1	Plug, Rectifier Bridge
21	305-0517	1	Bridge, Rectifier
22	232-2368	4	Seal, Generator to Adapter
23	526-0115	4	Washer, Flat - Generator Through Stud
	862-0015	8	Nut, Hex - Generator Through Stud
25	234-0461	3	Screen, End Bell
26	232-0596	1	Clip, Generator Bearing Stop
27	870-0273	1	Nut, Rotor Through Stud



SERVICE KITS AND MISCELLANEOUS

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	168-0123	1	Gasket Kit, Carbon Removal
	168-0126	1	Gasket Kit, Engine
	522-0268	1	Overhaul Kit

REMOTE CONTROL GROUP- OPTIONAL EQUIPMENT



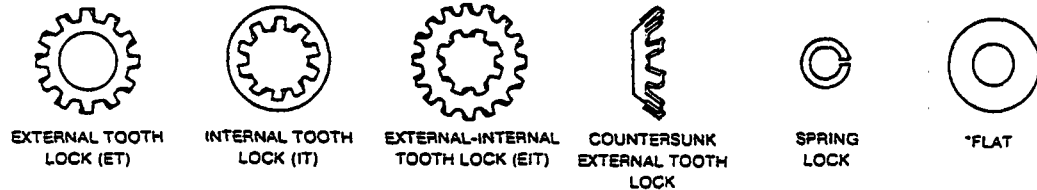
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	300-0985	1	Control Assembly, Remote (Includes Parts Marked +)
2	301-3566	1	+Panel, Control
3	308-0341	1	*+Switch, Rocker
4	300-0986	1	Control Assembly, Deluxe Remote (Includes Parts Marked *)
5	359-0008	1	*Diode, Zener
6	301-3606	1	*Panel, Control
7	302-0885	1	*Meter, Running Time
8	302-0888	1	*Meter, Battery Voltage

+ - Included in 300-0985 Control Assembly.
* - Included in 300-0986 Control Assembly.

HARDWARE IDENTIFICATION

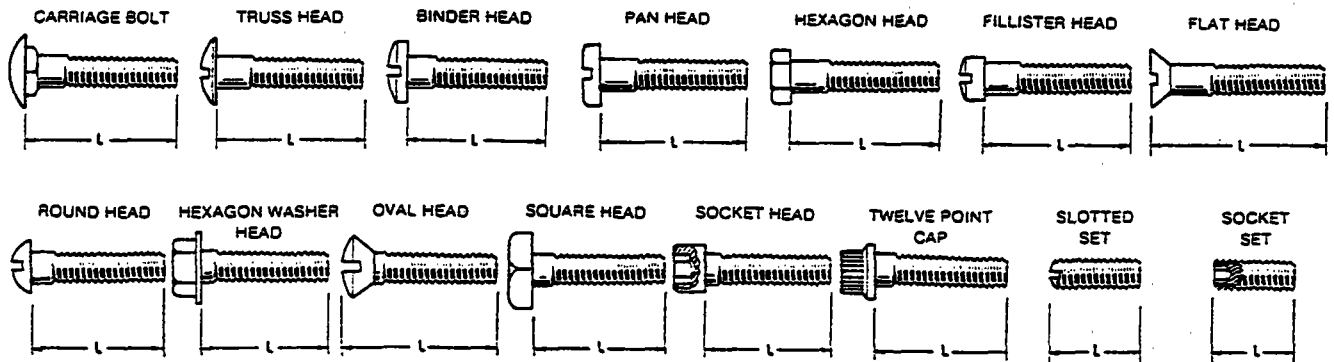
Illustrated hardware items are only for identification purposes. All hardware items listed throughout this parts catalog are steel SAE grade five (5) or lower (zinc plated with clear chromate dip) unless parts description indicates differently. All dimensions are in inches.

WASHER TYPES



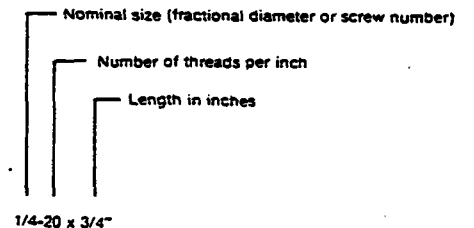
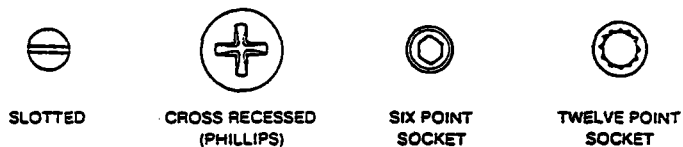
* - Flat washer dimensions given are: Inside Diameter (ID), Outside Diameter (OD) and Thickness (Thk).

BOLT AND SCREW TYPES



L - Measure length between these points.

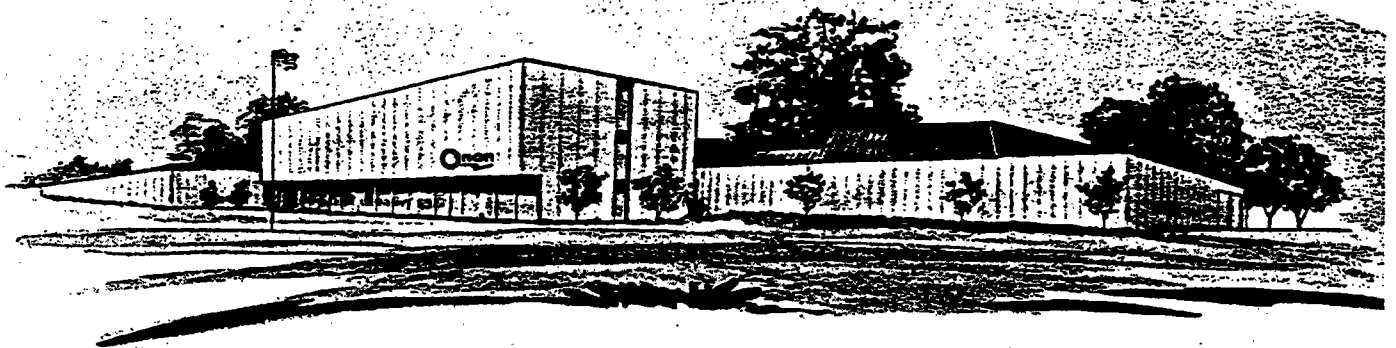
INTERNAL DRIVE TYPES



NUT TYPES



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SUPPLEMENT INDEX FOR BF SERIES - 965-0315

SUPPLEMENT NO.	DATE	FICHE COORD.
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900-0194	12/75	1E1
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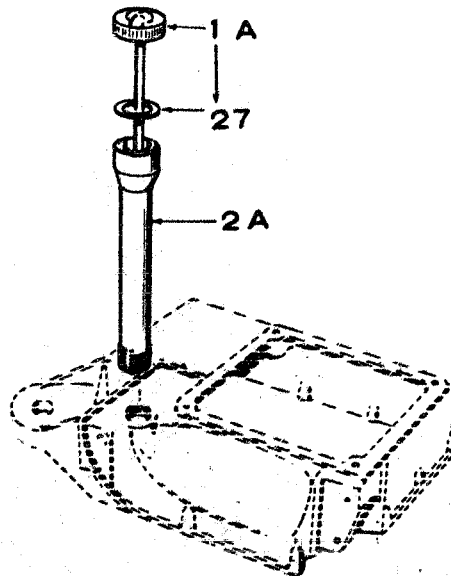
965-1008	03/79	1E5
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SUPPLEMENTARY PARTS LIST (12/75)

These parts apply to the 4.0BF-1R/9500 and 6.0NH-1R/9500 Power Drawer Electric Power Plants. Use these parts in place of/or in addition to those parts listed in the Operators Manual and Parts catalog designated below. Parts listed apply to both models unless otherwise stated.

Parts similar in appearance to those in the parts catalog are not illustrated.

MODEL	OPERATORS MANUAL AND PARTS CATALOG
4.0BF-1R/9500	965-0315
6.0NH-1R/9500	940-0315



OIL SYSTEM GROUP

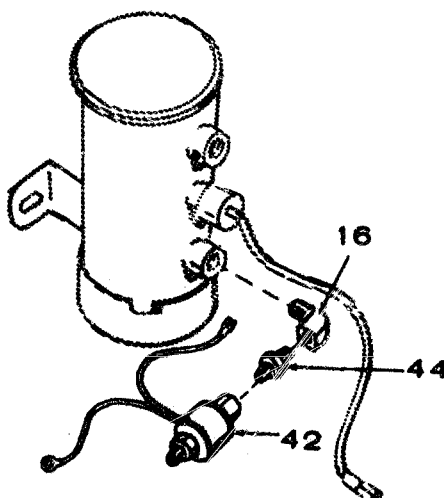
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	123-1164	1	Cap and Indicator, Oil Fill - used up to Serial #I753125014-BF only
1A	123-1162	1	Cap and Indicator, Oil Fill - (Includes Gasket) - used beginning Serial #I753125015-BF Only
2	123-1208	1	Tube, Oil Fill - Used up to Serial #I753125014 - BF Only
2A	123-1179	1	Tube, Oil Fill - Used beginning Serial #I753125015 - BF Only
7	PLUG, OIL DRAIN (Order by Size)		
	102-0716	1	1/2"
	102-0737	1	3/4"
8	GASKET, OIL DRAIN PLUG (Order by Size)		
	102-0743	1	1/2"
	102-0739	1	3/4"
26	502-0196	1	Elbow, (90°) - Street - Low Oil Pressure Switch - NH Only
27	123-0191	1	Gasket, Oil Fill Cap - BF Only

CYLINDER BLOCK GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
30	110-1807	4	Guide, Valve (Included in Cylinder Block Assembly) - BF Only

CRANKSHAFT, FLYWHEEL, CAMSHAFT AND PISTON GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	PISTON AND PIN (INCLUDES RETAINING RINGS) - NH Only		
	112-0141	2	Standard
	112-0141-05	2	.005" Oversize
	112-0141-10	2	.010" Oversize
	112-0141-20	2	.020" Oversize
	112-0141-30	2	.030" Oversize
	112-0141-40	2	.040" Oversize



FUEL SYSTEM GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	LINE, FLEXIBLE FUEL (Order by Length)		
	501-0001	1	6" Long
	501-0003	1	9" Long
16	ELBOW (90°) - STREET - FUEL PUMP INLET		
	502-0020	1	BF
	502-0196	1	NH
37	502-0002	1	Elbow - Fuel Pump Outlet
41	DELETE		
42	307-1279	1	Valve, Solenoid
44	502-0082	1	Nipple - Hex - Fuel Pump Inlet

CARBURETOR PARTS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	GASKET, BOWL RETAINER (INCLUDED IN GASKET KIT)		
	146-0183	1	Black
	146-0196	1	Red

GEAR COVER GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	526-0065	5	Washer (5/16") Copper - Gear Cover Mounting

GOVERNOR, STATOR, CHARGING ALTERNATOR AND BLOWER HOUSING GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	150-1418	1	Stud, Governor Adjusting - BF Onl
12.	191-1106	1	Regulator, 12 Volt

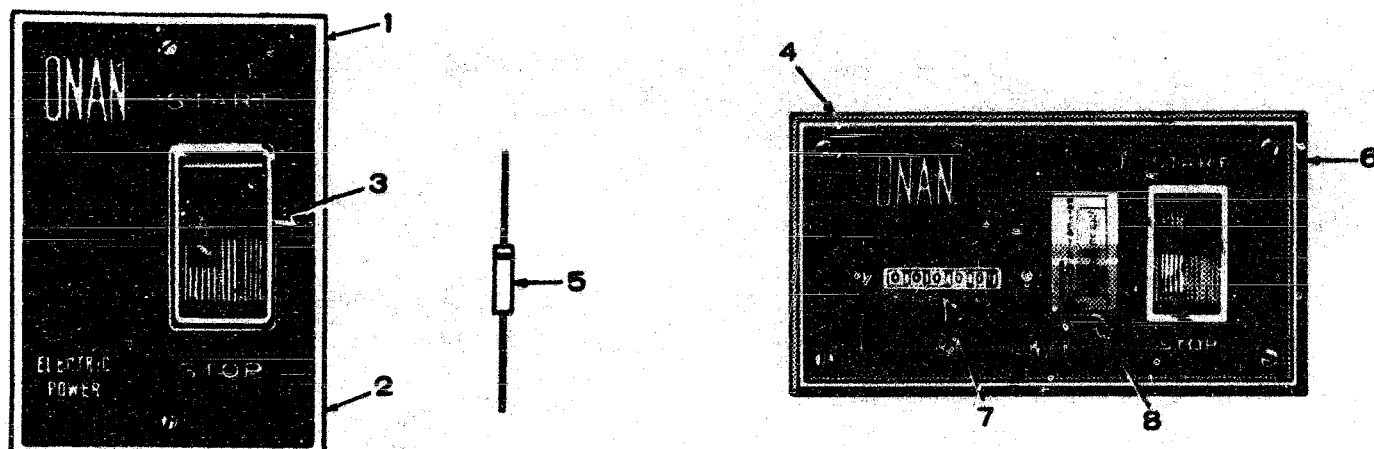
IGNITION GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
16	312-0027	1	Condenser, Ignition

GENERATOR GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	ARMATURE ASSEMBLY, WOUND		
	201-1986	1	*BF Only - Used up to Serial #I753125014
	201-1988	1	BF Only - Used beginning Serial #I753125015
12	FRAME AND STATOR, WOUND		
	220-1857	1	*BF Only - Used up to Serial #753125014
	220-1859	1	BF Only - Used beginning Serial #I753125015
17	REACTOR		
	315-0380	1	BF Only - Used up to Serial #I753125014
	315-0410	1	BF Only - Used beginning Serial #I753125015

* These parts no longer available - order both 201-1988 and 220-1859 for replacement.

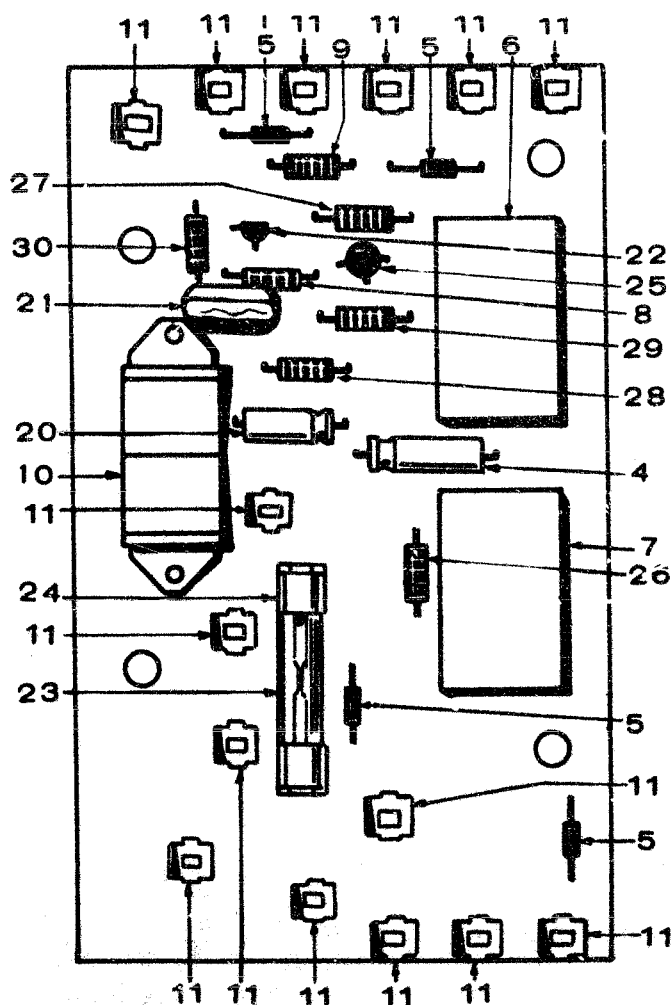


REMOTE CONTROL GROUP - OPTIONAL EQUIPMENT

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	300-0985	1	Control Assembly, Remote (Includes Parts Marked +)
2	301-3566	1	+Panel, Control
3	308-0341	1	*+Switch, Rocker
4	300-0986	1	Control Assembly, Deluxe Remote (Includes Parts Marked *)
5	359-0008	1	*Diode, Zener
6	301-3606	1	*Panel, Control
7	302-0885	1	*Meter, Running Time
8	302-0888	1	*Meter, Battery Voltage

+ - Included in 300-0985 Control Assembly.

* - Included in 300-0986 Control Assembly.



CONTROL GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	300-1073	1	Control Assembly (Includes Parts Marked *)
4	356-0058	1	*Capacitor (100 Mfd., 25 VDC)
5	357-0004	4	*Rectifier, Silicon
6	307-1309	1	*Relay, Start Disconnect (Includes Dust Pad)
7	307-1308	1	*Relay, Engine Stop (Includes Dust Pad)
8	350-0524	1	*Resistor (100-Ohm, 1/2 Watt)
9	350-0526	1	*Resistor (150-Ohm, 1/2 Watt)
10	308-0320	1	*Switch
11	332-1511	15	*Tab, Stake
20	356-0046	1	*Capacitor (5 Mfd., 25 Volt)
21	355-0025	1	*Capacitor (.1 Mfd., 100 Volt)
22	364-0017	1	*Rectifier, Gate Control (8 Amp., 30 Volt)
23	321-0181	1	*Fuse, 5 Amp
24	321-0163	2	*Clip, Fuse Holder
25	361-0006	1	*Transistor, Unijunction
26	350-0370	1	*Resistor (200-Ohm, 1/2 Watt)
27	350-0568	1	*Resistor (470 K Ohm, 1/2 Watt)
28	350-0421	1	*Resistor (27 K Ohm, 1/2 Watt)
29	350-0416	1	*Resistor (16 K Ohm, 1/2 Watt)
30	350-0325	1	*Resistor (2.7 Ohm 1/2 Watt)

* Parts Included in the 300-1073 Control Assembly

SUPPLEMENTARY INFORMATION

BASIC DIFFERENCES BETWEEN



MODEL 4.0 BF-1R/9000

and

**MODEL 4.0 BF-1R/9500
(POWER DRAWER)**

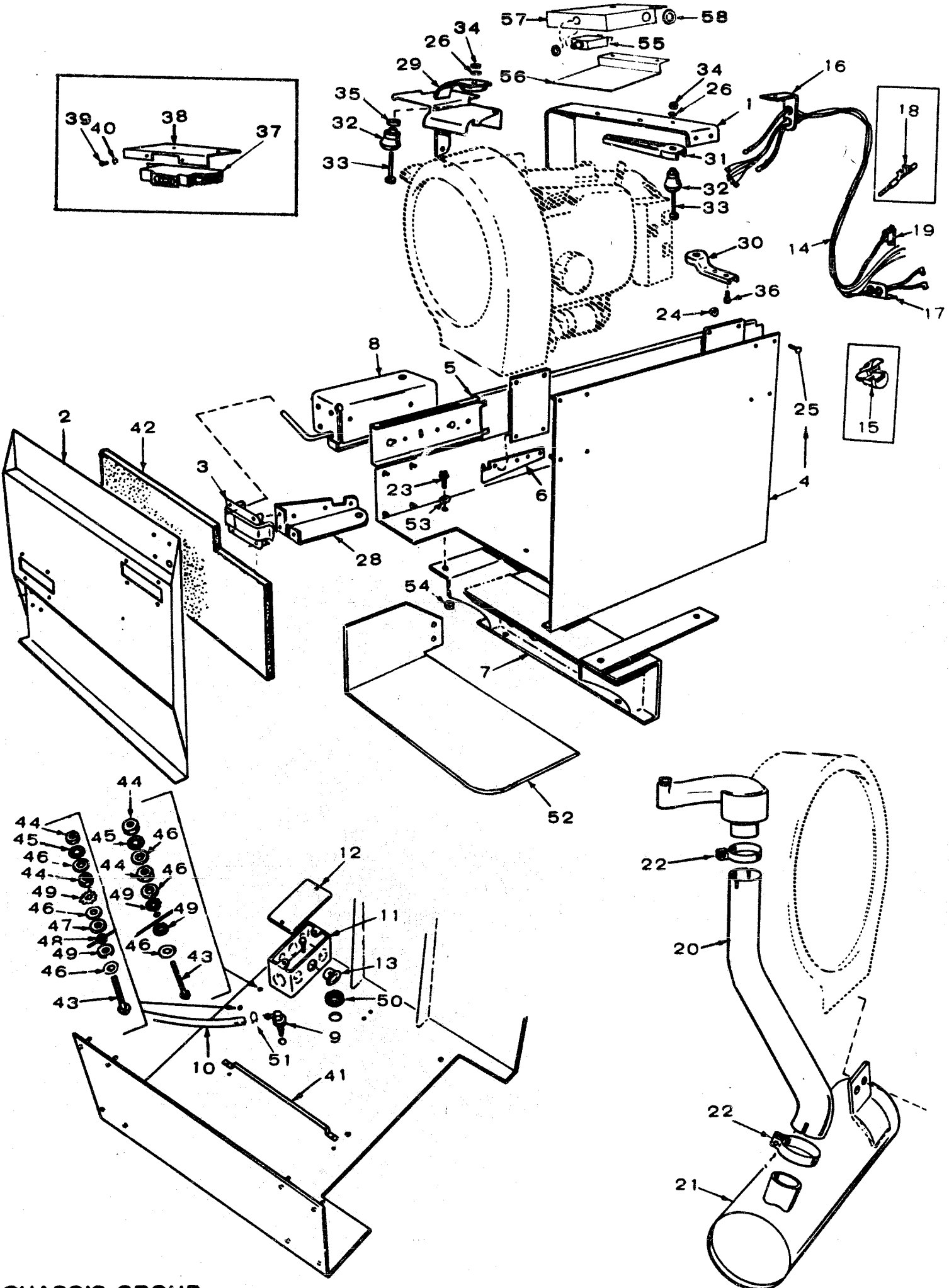
OPERATION _____ SAME AS COVERED IN 965-0315

PARTS _____ SAME AS COVERED IN 965-0315
EXCEPT AS INDICATED HEREIN

SERVICE _____ USE #965-0515 SERVICE MANUAL

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CHASSIS GROUP

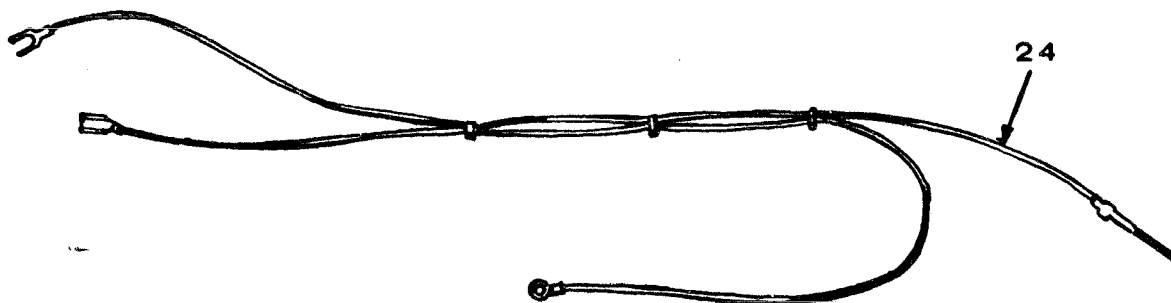
CHASSIS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	405-2001	1	Yoke, Generator Support
2	405-1997	1	Door, Slide Out
3	406-0369	2	Latch, Door
4	405-1999	1	Pan, Mounting Base
5	405-2000	2	Slide
6	405-1998	2	Bracket, Latch Strike
7	BRACKET, SET MOUNTING		
	405-2004	1	Spec A and B
	405-2205	1	Begin Spec C
8	405-1950	1	Bracket and Catch Assembly Safety
9	502-0419	1	Connector Elbow - Fuel Line
10	HOSE, FUEL		
	503-0673	1	Spec A Only
	503-0715	1	Begin Spec B
11	330-0077	1	Box, Junction
12	330-0004	1	Cover, Junction Box
13	331-0027	1	Clamp, Junction Box
14	HARNESS, WIRING - CHASSIS		
	338-0702	1	Spec A Only
	338-0751	1	Begin Spec B
15	508-0179	4	Relief, Strain (Part of Wiring Harness)
16	301-3612	1	Bracket, Harness Mounting (Part of Wiring Harness)
17	301-3613	1	Bracket, Harness Mounting (Part of Wiring Harness)
18	332-1546	4	Contact, Connector (Part of Wiring Harness)
19	332-1545	1	Body, Connector (Part of Wiring Harness)
20	155-1248	1	Tube, Exhaust
21	155-1247	1	Muffler, Exhaust
22	155-1244	2	Clamp, Exhaust
23	800-0050	4	Screw (3/8-16 x 1") - Self Locking - Set Mounting Bracket to Base Pan
24	870-0212	16	Nut (1/4-20) - Self Locking
25	815-0372	16	Screw, Press (1/4-20 x 5/8")
26	850-0050	4	Washer, Lock - Generator Support Mounting (3/8")
28	405-1958	1	Bracket, Engine End - Left Side
29	403-1019	1	Foot Assembly, Engine Mounting Right Side
30	232-2363	1	Support Generator - Left Side
31	232-2364	1	Support Generator - Right Side
32	402-0283	4	Cushion, Mount
33	402-0412	4	Bolt, Cushion Mounting
34	870-0281	4	Nut, Self Locking - Cushion Mounting
35	402-0413	1	Spacer, Cushion Mounting - Engine End - Right Side

CHASSIS GROUP (Continued)

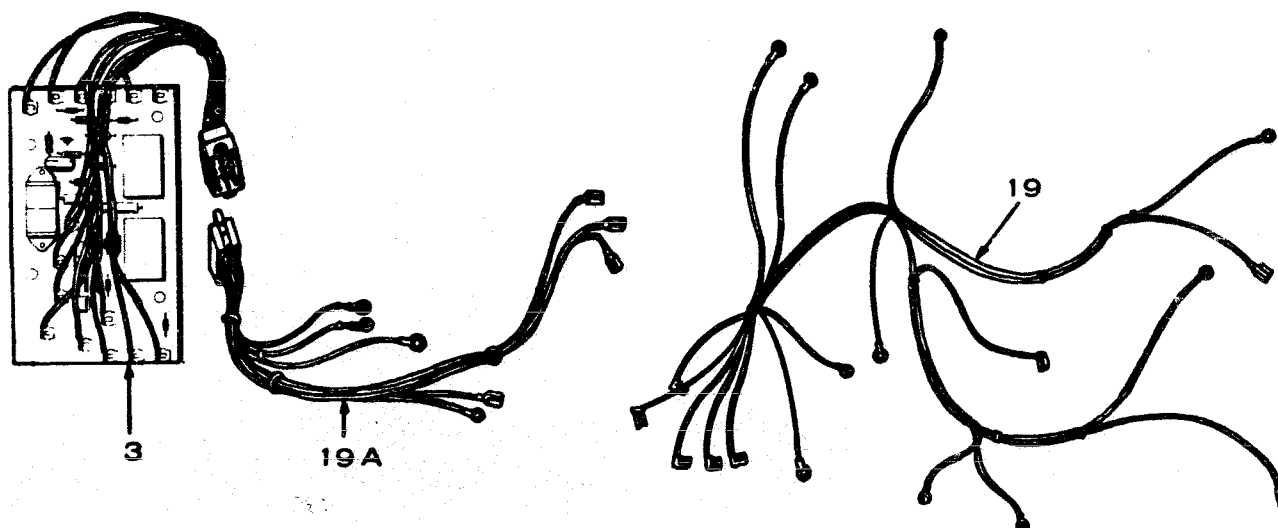
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
36	800-0051	4	Screw, Hex Cap - Generator Support (3/8-16 x 1-1/4")
37	320-0153	1	Breaker, Circuit - Spec A and B (See Note *)
38	405-2003	1	Bracket, Circuit Breaker Mounting - Spec A and B
39	812-0059	2	Screw, Round Head - Circuit Breaker Mounting (#6-32 x 1/4") - Spec A and B
40	850-0020	2	Washer, Lock - Circuit Breaker Mounting (#6) - Spec A and B
41	405-2007	1	Bracket, Fuel Line Return
42	405-2079	1	Insulation, Door
43	810-0181	2	Screw, Round Head Brass - Battery Cable Terminal (5/16-18 x 1-1/4")
44	871-0025	4	Nut, Hex Brass - Battery Cable Terminals (5/16-18)
45	854-0017	2	Washer, Internal Shakeproof - Battery Cable Terminals (5/16")
46	526-0054	7	Washer, Flat - Battery Cable Terminals (5/16")
47	508-0019	1	Washer, Fibre - Battery Cable Terminals (5/16")
48	508-0181	1	Washer, Fibre - Battery Cable Terminals (5/16")
49	856-0008	4	Washer, External - Internal Shakeproof, Battery Cable Terminals (5/16")
50	GROMMET		
	508-0060	1	Battery Cable Through Pan
	508-0180	1	Harness Bracket (Part of Wiring Harness)
51	503-0685	2	Clamp, Fuel Line
52	405-2113	1	Guard, Mud
53	526-0013	4	Washer (3/8")
54	870-0281	4	Nut (3/8-16)
55	320-0547	1	Breaker, Circuit - Begin Spec C
56	301-3734	1	Box, Circuit Breaker - Begin Spec C
57	301-3735	1	Cover, Circuit Breaker Box - Begin Spec C
58	508-0068	2	Grommet, Circuit Breaker Box - Begin Spec C

* - NOTE: Old type circuit breaker used on Spec A and B can be replaced with the new type circuit breaker. To do so order Part No. 320-0569 Circuit Breaker Replacement Kit, including breaker, box, cover, etc.



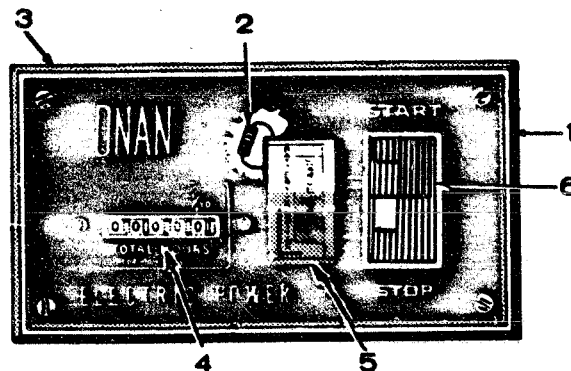
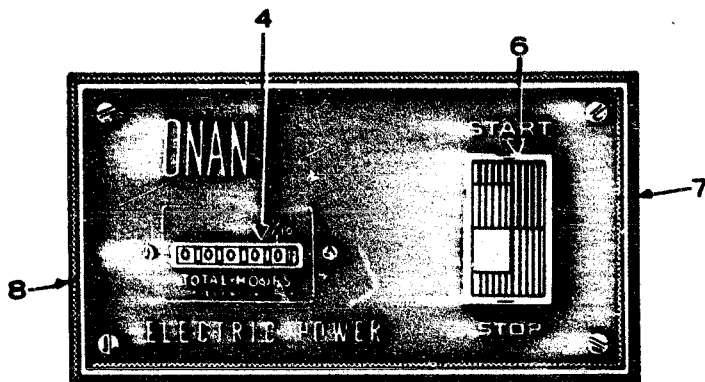
GOVERNOR, STARTER, CHARGING ALTERNATOR
AND BLOWER HOUSING GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	STATOR, CHARGING ALTERNATOR		
	191-0931	1	Spec A Only
	191-1073	1	Begin Spec B
17	134-2837	1	Cover, Blower Housing Scroll
24	HARNESS, WIRING - ALTERNATOR		
	338-0709	1	Spec A Only
	338-0752	1	Begin Spec B (Illustrated)



CONTROL GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	CONTROL BOARD (INCLUDES PARTS MARKED *)		
	300-1073	1	Without Wiring Harness, Spec A Only
	300-1074	1	With Wiring Harness - Begin Spec B (Illustrated)
19	338-0697	1	Harness, Wiring - Control to Engine - Spec A Only
19A	338-0753	1	Harness, Wiring - Control to Engine - Begin Spec B



REMOTE CONTROL GROUP - OPTIONAL EQUIPMENT

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	300-0986	1	Control Assembly, Deluxe Remote (Includes Parts Marked *)
2	359-0008	1	*Diode, Zener
3	301-3606	1	*Panel, Control
4	302-0885	1	+*Meter, Running Time
5	302-0888	1	*Meter, Battery Voltage
6	308-0341	1	+*Switch, Rocker
7	300-1131	1	Control Assembly, Deluxe Remote (Includes Parts Marked +)
8	301-3776	1	+Panel, Control

OIL SYSTEM GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CAP AND INDICATOR, OIL FILL		
	123-1164	1	Spec A and B
	123-1162	1	Begin Spec C
2	TUBE, OIL FILL		
	123-1208	1	Spec A and B
	123-1179	1	Begin Spec C

FUEL SYSTEM GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-1321	1	Adapter, Air Cleaner (Includes Breather Hose Adapter)
9	865-0022	2	Nut, Wing - Air Cleaner (One Only used on Spec A and B)
27	STUD, AIR CLEANER		
	520-0823	1	Spec A and B
	520-0853	1	Begin Spec C
30	861-0008	1	Nut, Square - Air Cleaner Mtg. (#10-32) - Spec A and B
33	WASHER, FLAT - AIR CLEANER MOUNTING		
	526-0008	2	Spec A and B
	526-0012	1	Begin Spec C
35	508-0017	1	Washer, Fibre - Air Cleaner Element Mtg. - Spec A and B
36	405-2010	1	Spring, Air Cleaner Element Mounting - Spec A and B

GENERATOR GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	201-1988	1	Armature Assembly, Wound (Includes Bearing and Collector Ring)
12	220-1859	1	Frame and Stator, Wound - NOTE: Spec A and B Generator Plants also order 201-1988 Armature Assembly.
17	REACTOR, COMPOUNDING		
	315-0380	1	Spec A and B
	315-0410	1	Begin Spec C

WIRING DIAGRAM NO. (ENG)611-1109-01

Refer To Supplement 965-1008

SPECIAL PARTS LIST FOR MODEL 4.0BF-1R SPEC 14122A
 FOR STANDARD PARTS REFER TO CATALOG 965-0315 KEY NO. -
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1094-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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NOTE: This Is A Special Motor Home Power
 Drawer Unit.

Piston & Pin
 (Includes Retaining Ring)

112-0134	2	Standard
112-0134-05	2	.005" Oversize
112-0134-10	2	.010" Oversize
112-0134-20	2	.020" Oversize
112-0134-30	2	.030" Oversize
112-0134-40	2	.040" Oversize
		Ring Set, Piston
113-0174	2	Standard
113-0174-05	2	.005" Oversize
112-0174-10	2	.010" Oversize
113-0174-20	2	.020" Oversize
113-0174-30	2	.030" Oversize
113-0174-40	2	.040" Oversize
134-2837	1	Scroll (With Guard)
307-12.9	1	Valve, Fuel Solenoid
502-0020	1	Elbow, Street 90° (Fuel Solenoid)
502-0082	1	Nipple, Reducing (Hex) Fuel Solenoid
332-1477	1	Terminal, Solderless (Fuel Solenoid)
103-0396	1	Gear - Case
167-0188	1	Support, Hi Tension Cable
191-0793	1	Bracket Support, Alternator Lead
320-0547	1	Breaker, Circuit
301-3734	1	Box, Circuit Breaker
301-3735	1	Cover, Circuit Breaker Box
508-0068	2	Grommet
332-1381	1	Terminal
517-0034	1	Button, Dot
155-1315	1	Muffler

Dated 1/25/74

Revised _____

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SPECIAL PARTS LIST FOR MODEL 4.0BF-1R SPEC 15203C
 FOR STANDARD PARTS REFER TO CATALOG 965-0315 KEY NO. -
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1121-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
NOTE: This Is A Special Motor Home Unit.					
123-1179	1	Tube, Oil Fill			
123-1162	1	Indicator And Cap, Oil Fill			
155-1362	1	Bracket, Spacer - Muffler Mounting			
191-1073	1	Stator, Alternator (10 Amp - 12.5 VDC @ 1800 rpm)			
520-0853	1	Stud, Air Cleaner			
140-1321	1	Adapter, Air Cleaner (Includes Breather Hose Adapter)			
160-1177	1	Spring, Retainer - Ignition			
160-1181	1	Arm, Ignition Breaker			
160-1180	1	Spring, Point Set Adjust			
160-1185	1	Clip, Adjusting Screw Retainer			
160-1182	1	Base Assembly, Lever And			
312-0196	1	Condenser - Ignition			
160-1172	1	Base, Ignition Breaker			
160-1176	1	Cover, Breaker Box			
524-0130	3.5 qts.	Oil			
403-1180	1	Frame Mounting			
320-0547	1	Breaker, Circuit			
301-3734	1	Box, Circuit Breaker			
301-3735	1	Cover, Circuit Breaker Box			
508-0068	2	Grommet			
330-0005	1	Box, Handy			
337-0081	1	Strap, Ground			
331-0027	1	Clamp			
332-0604	1	Block, Terminal			
332-1834	1	Marker, Strip - Terminal Block			
98-2473	1	Label, Control Cover			
312-0050	1	Condenser, Ignition			