

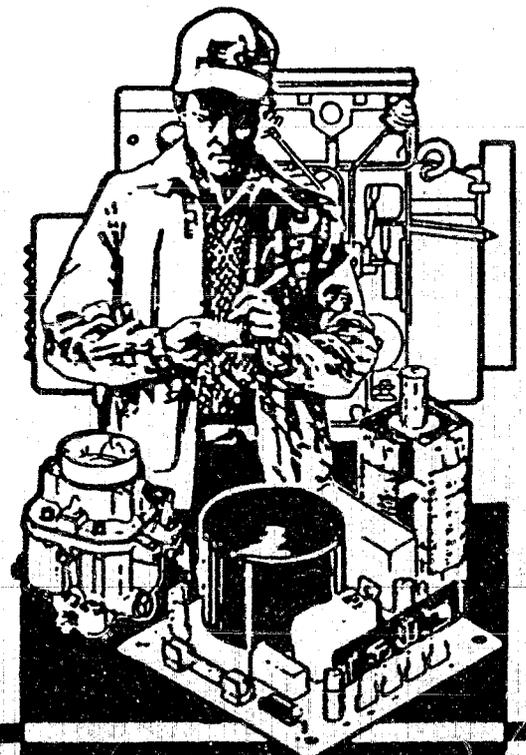
The following catalog has gaps in its page numbers, or doesn't have any numbers. We have chosen to leave the page numbering in the order that Acrobat assigns it.

Onan

Parts Manual

CCK

GenSet



Onan Service Parts

927-0222
7-91 (SPEC R-V)
Replaces 3-89 (SPEC R-V)

Introduction

This catalog applies to the standard CCK Generating Sets as listed below. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the Model and Spec No. from the nameplate, select the Parts Key No. (1, 2, etc. in the last column) that applies to your set Model and Spec No. This Parts Key No. represents parts that differ between models. Unless otherwise mentioned in the description, parts are interchangeable between models. Rig and left sides are determined by facing the blower end (front) of the engine.

Generator Set Data Table

MODEL AND SPEC §	TYPE	ELECTRICAL DATA					PARTS KEY NO.
		WATTS	VOLTS	HERTZ	WIRE	PHASE	
3.5CCK-53BP/ 3.5CCK-53CP/	Portable Portable	3500 3500	110/220 120/240	50 50	4 4†	1 1	1 1
3.5CCK-53BR/ 3.5CCK-53CR/	Remote Remote	3500 3500	110/220 120/240	50 50	4 4†	1 1	2 2
4.2CCK-53BR/ 4.2CCK-53CR/	Remote Remote	4250 4250	110/220 120/240	50 50	4 4†	1 1	3 3
4.0CCK-55DR/ 4.2CCK-55DR/	Remote Remote	4250 4250	120/240 120/240	50 50	4† 4	3 3	3 3
4.0CCK-57R/ 4.2CCK-57R/	Remote Remote	4250 4250	220/380 220/380	50 50	4 4	3 3	3 3
4.2CCK-53CP/ 4.0CCK-3CP/	Portable Portable	4250 4000	120/240 120/240	50 60	4† 4†	1 1	4 4
4.0CCK-57P/ 4.0CCK-3CR/	Portable Remote	4250 4000	220/380 120/240	50 60	4 4†	3 1	4 5
4.0CCK-4R/ 5.0CCK-3CP/(AJ)	Remote Portable	4000 5000	120/208 120/240	60 60	4 4†	3 1	5 6
5.0CCK-3R/(FJ) 5.0CCK-3CR/(FJ)	Remote Remote	5000 5000	120/240 120/240	60 60	4† 4†	1 1	7 7
5.0CCK-4R/(FC) 5.0CCK-4XR/(FG) 5.0CCK-5DR/(FD)	Remote Remote Remote	5000 5000 5000	120/208 277/480 120/240	60 60 60	4 4 4	3 3 3	7 7 7
Contractor models. Refer to Special Parts Section in addition to those in Parts Catalog.							
4.2CCK-53CE/ 4.0CCK-3CE/ 5.0CCK-3CE/	Electric Electric Electric	4250 4000 5000	120/240 120/240 120/240	50 60 60	4† 4† 4†	1 1 1	- - -

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

† - Set is reconnectable for 120 volt 2 wire; 240 volt 2 wire or 120/240 volt 3 wire service.

Example of New Model Code Letters: 5.0CCK-AJ/10388P

First Letter (A) Stands for - Starting/Portability Codes - (See Page 2 for Second Letter (J) Stands for - Voltage/Frequency Codes Code Charts)

NOTE: Hertz is a unit of frequency equal to one cycle per second.

NOTICE!

Items referenced as **OPTIONAL** indicate part is factory installed and may not be applicable to all models. For field conversions additional part are usually required.

CODE CHARTS FOR NEW MODEL CODE LETTERS

OLD

5.0CCK-1R/10388P

NEW

5.0CCK-AJ/10388P

	STARTING/PORTABILITY CODES	REPLACES
A	Portable - Manual Start - Non Remote	P
B	Portable - Electric Start - Non Remote	
C	Portable - Electric Start - Remote	
D	Stationary - Manual Start - Non Remote	M
E	Stationary - Electric Start - Non Remote	E
F	Stationary - Electric Start - Remote	R

VOLTAGE/FREQUENCY CODES			
60HZ		50HZ	
A	120 Volt, 1 Phase, 2 Wire	M	110/220 Volt, 1 Phase, 4W
B	120/240 Volt, 1 Phase, 3W	N	120/240 Volt, 1 Phase, 3W
C	120/208 Volt, 3 Phase, 4W	P	120/240 Volt, 1 Phase, 4W
D	120/240 Volt, 3 Phase, 4W	S	120/240 Volt, 3 Phase, 4W
E	240/480 Volt, 3 Phase, 4W	T	220/380 Volt, 3 Phase, 4W
F	220/380 Volt, 3 Phase, 4W	U	240 Volt, 1 Phase, 2W
G	277/480 Volt, 3 Phase, 4W	V	Not Assigned
H	347/600 Volt, 3 Phase, 4W	W	Not Assigned
J	120/240 Volt, 1 Phase, 4W	X	Not Assigned
K	416/440, 480 Volt, 3 Phase, 4W	Y	380, 400, 416 Volt, 3 Phase, 4W
L	Reconnectible	Z	Reconnectible

R - Special - See Prod. Order

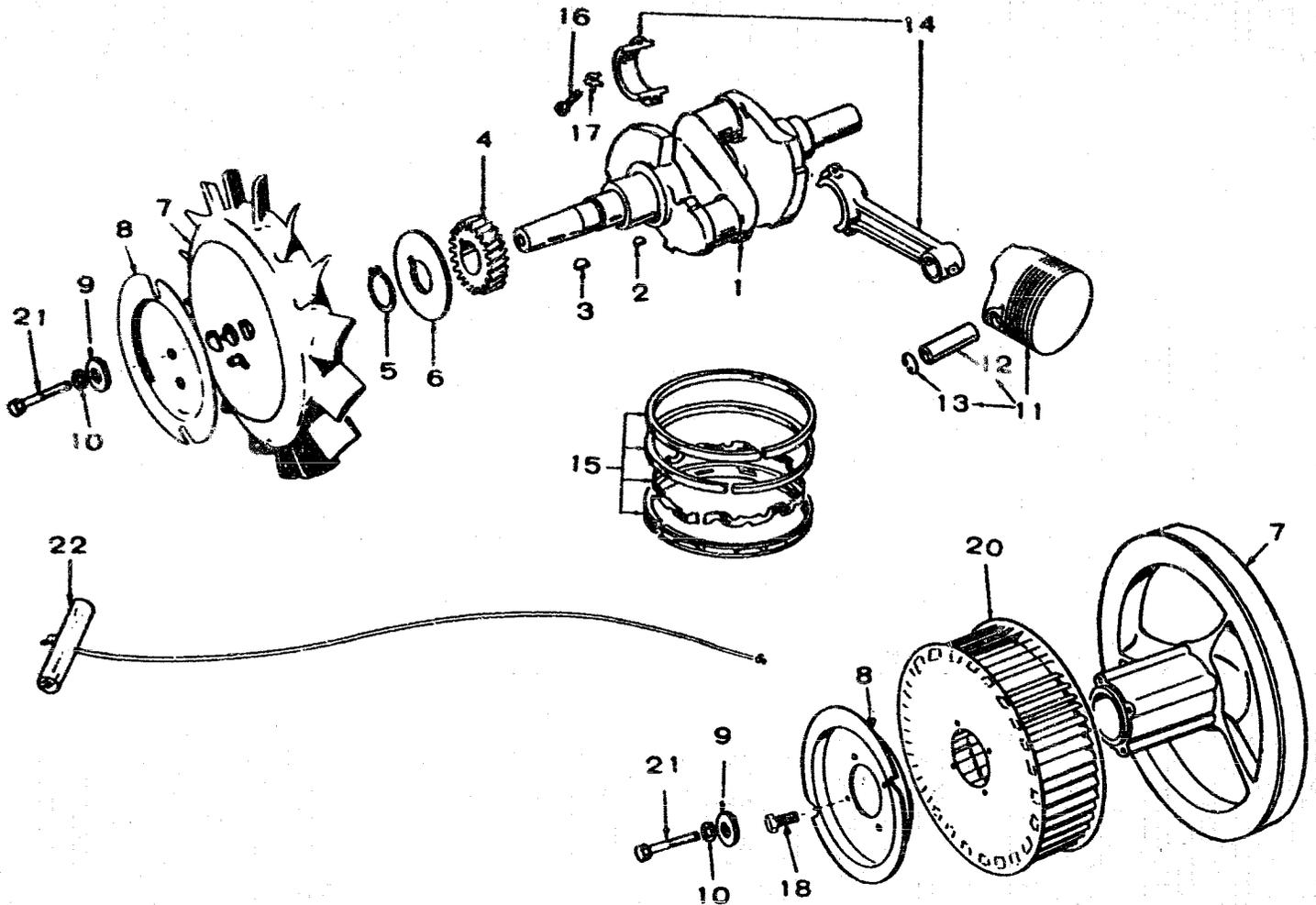
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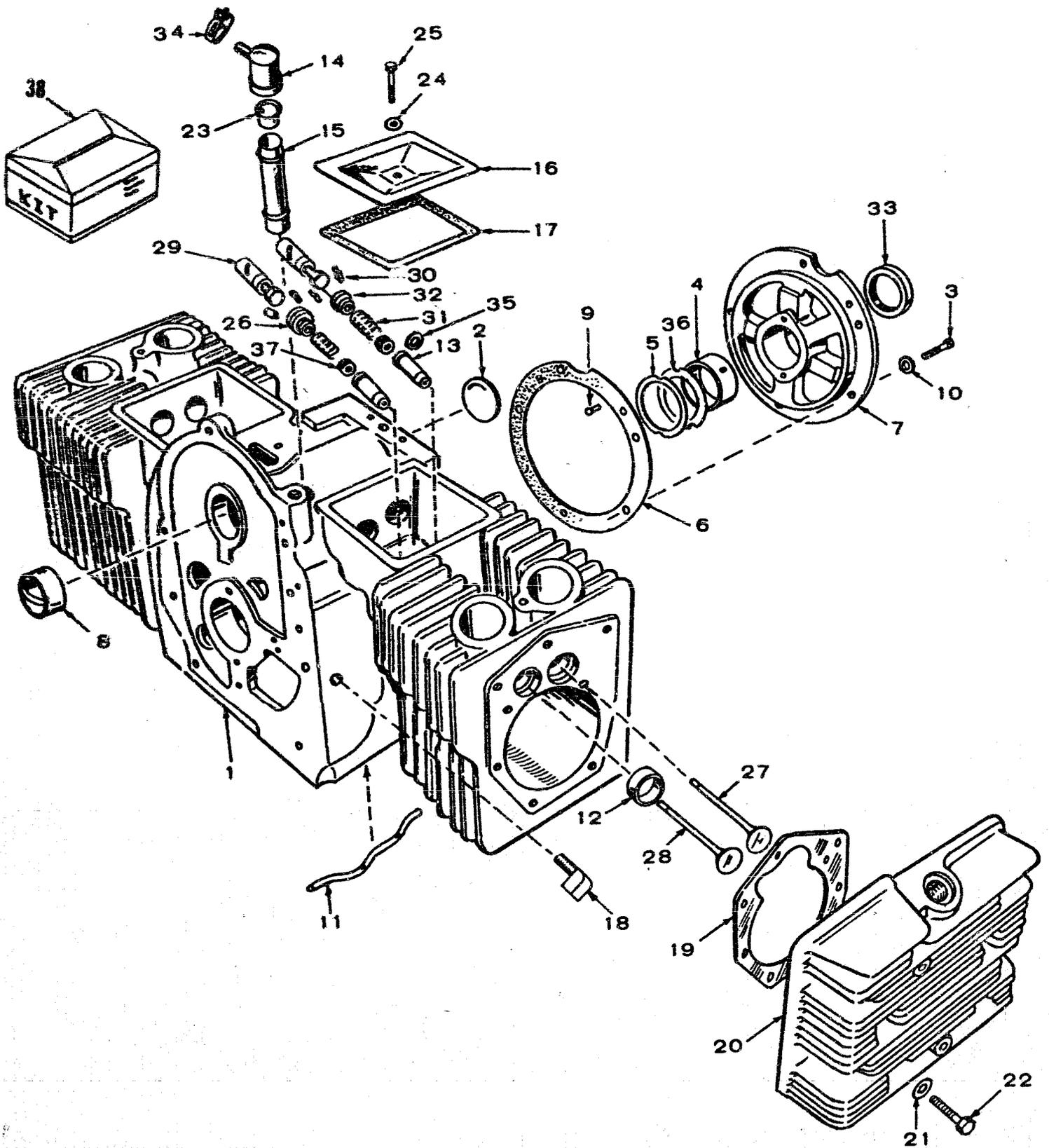
Crankshaft, Flywheel, Piston and Rod



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Crankshaft (Includes Parts Marked *)	11			Piston and Pin (Includes Retaining Rings)
	104-1323	1	Through Spec R		112-0136	2	Standard
	104-1346	1	Begin Spec V		112-0136-10	2	.010" Oversize
2	515-0001	1	*Key, Crankshaft Gear Mounting		112-0136-20	2	.020" Oversize
3	515-0227	1	*Key, Flywheel Mounting		112-0136-30	2	.030" Oversize
4	104-0032	1	Gear, Crankshaft		112-0136-40	2	.040" Oversize
5	518-0014	1	Lock, Crankshaft Gear Washer	12	112-0069	2	Pin, Piston
6	104-0043	1	Washer, Crankshaft Gear Retainer	13	112-0003	4	Ring, Piston Pin Retainer
7			Flywheel	14			Rod, Connecting
	160-0937	1	Key 1,4,6 - With Magnets		114-0098	2	Standard
	134-0591	1	Key 2,3,5,7 - Pressure Cooled Sets		114-0098-10	2	.010" Undersize
	104-0499	1	Key 2,3,5,7 - Vacu-Flo Cooled Sets		114-0098-20	2	.020" Undersize
8			Sheave, Rope		114-0098-30	2	.030" Undersize
	192-0308	1	Key 1,4,6	15			Ring Set, Piston
	193-0308	1	Key 2,3,5,7 - Pressure Cooled Sets (Optional)		113-0152	2	Standard
	192-0272	1	Key 2,3,5,7 - Vacu-Flo Cooled Sets (Optional)		113-0152-10	2	.010" Oversize
9			Washer, Flat - Flywheel Mounting - Key 2,3,5,7		113-0152-20	2	.020" Oversize
	526-0128	1	Pressure Cooled Sets (15/32 ID x 1-1/2 OD x 1/4" Thk)		113-0152-30	2	.030" Oversize
	526-0017	1	Vacu-Flo Cooled Sets (15/32 ID x 1-1/4 OD x 1/4" Thk)		113-0152-40	2	.040" Oversize
10	850-0055	1	Washer, Lock - Spring (7/16")	16	800-0548	4	Screw, Cap - Hex Head (Speci
				17	114-0059	4	Washer, Lock - Connecting Ro
				18	821-0010	4	Cap
				20	134-0565	1	Wheel, Blower - Key 2,3,5,7
				21	104-0170	1	Screw, Cap - Hex Head (Special)
				22	192-0083	1	Rope, Starting - Optional

* - Parts Included in Crankshaft Kit.

Cylinder Block

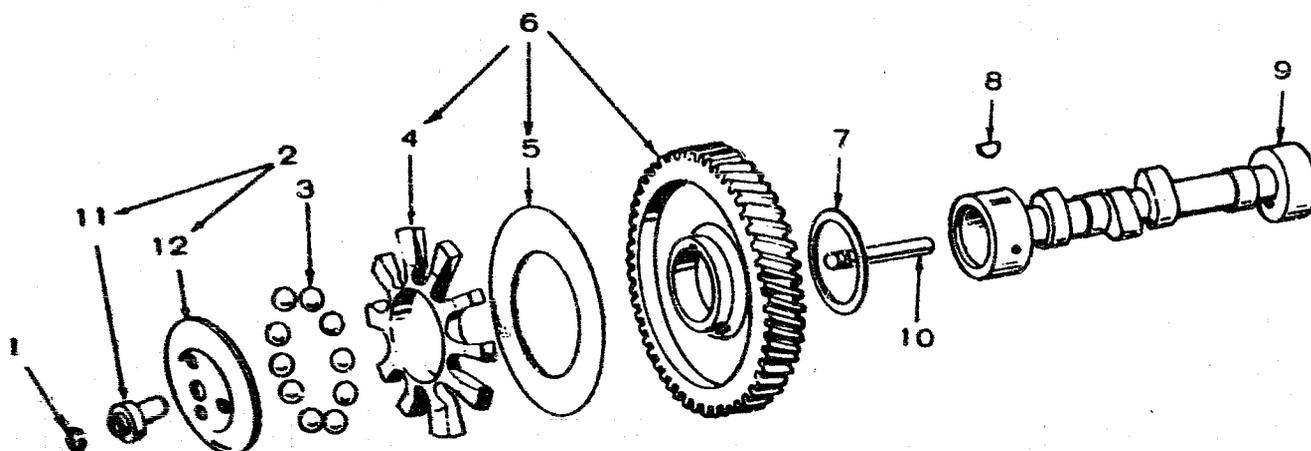


Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Block Assembly, Cylinder (Includes Parts Marked *)	20			Head, Cylinder
	110-0915	1	Standard		110-0890	1	Right Side #2 Cylinder Gasoline
	110-1860	1	With Spin-on Oil Filter		110-0884	1	Gas and Gas-Gasoline (Hi-Compression)
2	517-0048	1	*Plug, Expansion				Left Side #1 Cylinder Gasoline
3	800-0512	5	*Screw, Cap - Hex Head (5/16-18 x 1")		110-0891	1	Gas and Gas-Gasoline (Hi-Compression)
4			Bearing, Crankshaft (Includes Thrust Washer and Stop Pins)		110-0883	1	Washer, Flat (11/32 ID x 23/32 OD x 10 Ga. Thk)
	101-0450	2	* Standard	21	526-0122	18	Screw, Cap - Hex Head (Spec)
	101-0450-02	2	.002" Undersize				Cylinder Head
	101-0450-10	2	.010" Undersize	22			Cylinder Head
	101-0450-20	2	.020" Undersize		110-0879	8	Valve, Check - Breather
	101-0450-30	2	.030" Undersize		114-0022	10	Washer, Flat (Copper) (17/16 ID x 7/16 OD x 1/32" Thk)
5	104-0575	2	*Washer, Crankshaft Bearing Thrust	23	123-0104	1	Screw, Cap - Hex Head (1/4-20 x 2-1/4")
6	101-0115	1	*Gasket Kit, Bearing Plate	24	526-0063	2	Rotacap Exhaust Valve
7	101-0316	1	*Plate, Rear Bearing (Excludes Bearing)	25	800-0012	2	Valve, Intake
8	101-0367	2	*Bearing, Camshaft Front and Rear (Precision) Note: Units with Hi-Lift Cam use 1 - 104-0405 Bearing	26	110-0904	2	Valve, Exhaust
				27	110-0881	2	Tappet, Valve Standard
9	516-0072	4	*Pin, Main Bearing Stop	28	110-0880	2	.001" Oversize
10	850-0045	5	Washer, Lock - Spring (5/16")	29			.002" Oversize
11	120-0386	1	*Tube, Crankcase Oil		115-0006	4	.005" Oversize
12			*Insert, Exhaust Valve Seat		115-0006-01	4	Lock, Valve and Spring Ret
	110-0872	2	Standard		115-0006-02	4	Spring, Valve
	110-0872-02	2	.002" Oversize	30	110-0639	8	Washer, Valve Spring Retain (Special)
	110-0872-05	2	.005" Oversize	31	110-0539	4	Gasoline - Intake
	110-0872-10	2	.010" Oversize	32			Gas and Gas-Gasoline - Intake and Exhaust
	110-0872-25	2	.025" Oversize		110-0893	2	Seal, Oil - Included in Kit 168-0103
13			Guide, Valve		110-0893	4	Clamp, Breather Line
	110-0902	4	*Used With No Seals on Valve Stems	33	509-0041	1	*Gasket, Intake Valve Guide
	110-1827	4	To Stop Oil Seepage - Used Only When Valve Stems Have Seals	34	503-0769	1	Shim, Rear Bearing Plate (.005")
14	123-0293	1	Cap, Breather Tube	35	110-3136	2	Seal, Oil - Intake Valve
15	123-0129	1	Tube, Breather (Includes Steel Baffles)	36	104-0776	1	Kit, Breather King (Option Includes Breather Hose)
16	110-0666	2	Cover, Valve Compartment	37	509-0090	2	Insulation, Breather Insulator, Governor Control R Cable Ties and Instruction Sheet)
17	110-0667	2	Gasket, Valve Cover	38	123-1600	1	
18	502-0020	1	Elbow, Street - On Line				
19	110-0892	2	Gasket, Cylinder Head				

* - Parts Included in Cylinder Block Assembly.

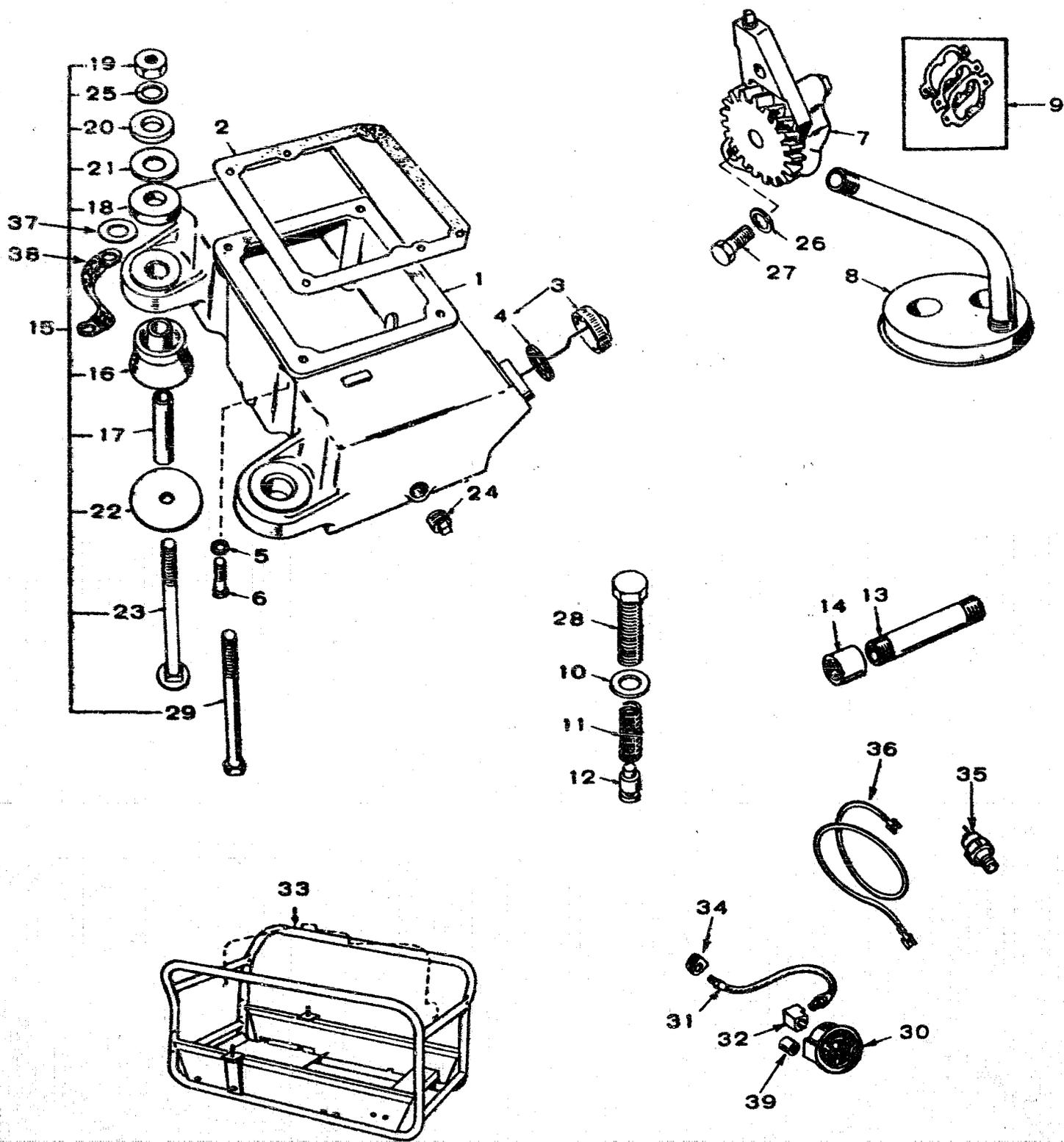
Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Camshaft Center Pin	7	105-0541	1	Washer, Camshaft Gear Thrust
2	150-1695	1	Kit, Governor Cup (Includes Parts Marked *)	8	515-0001	1	Key, Camshaft Gear Mounting
3	510-0015	10	Ball, Fly - Governor	9	105-0140	1	Camshaft (Includes Center Pin)
4	150-1257	1	Spacer, Governor Fly Ball	10	150-0075	1	Pin, Camshaft Center
5	150-0077	1	Plate, Governor Fly Ball	11	150-1519	1	*Hub, Governor Cup
6	105-0332	1	Gear, Camshaft (Includes Flyball Spacer and Plate)	12	150-1520	1	*Cup, Governor

* - Parts Included in 150-1695 Governor Cup Kit.

Oil System and Mounting Hardware



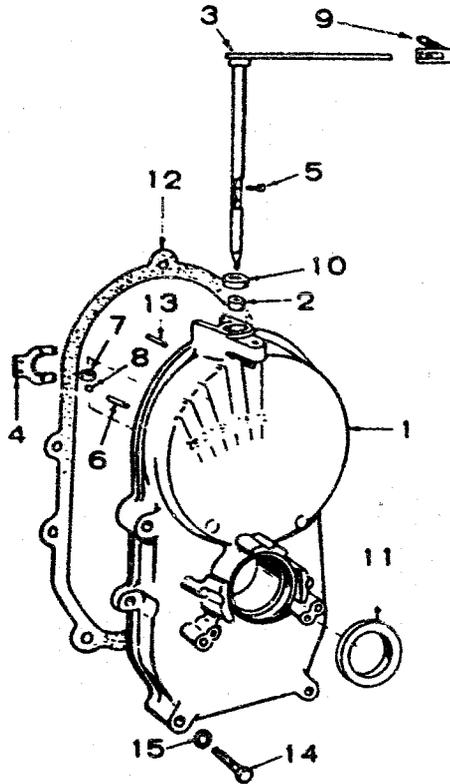
Oil System and Mounting Hardware

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Base, Oil	23	816-0212	4	*Bolt, Carriage (7/16-14 x 5-1/2") - Key 2,3,5,7
	102-0686	1	Key 1,4,6				Plug, Pipe - Oil Drain
	102-0579	1	Key 2,3,5,7	24		1	1/2"
	102-0859	1	Key 2,3,5,7 - Sets with Oil Base Heater or Dual Drain		505-0056	1	1/4" - Optional
2	102-0158	1	Gasket, Oil Base		505-0054	1	3/8" - Optional
3	123-0489	1	Cap and Indicator, Oil Fill	25	850-0055	4	*Washer, Lock - Spring (7/16)
4	123-0191	1	Gasket, Oil Fill Cap	26	850-0040	2	Washer, Lock - Spring (1/4)
5	850-0050	4	Washer, Lock - Spring (3/8")	27	800-0007	2	Screw, Cap - Hex Head (1/4-20 x 1")
6	102-0455	4	Screw, Cap - Hex Head (Special)	28	801-0048	1	Screw, Cap - Hex Head (3/8-24 x 3/4")
7	120-0491	1	Pump, Oil - Complete (Internal Parts Not Sold Separately)	29	800-0082	4	*Screw, Cap - Hex Head (7/16-14 x 3-3/4") - Key 1,4,6 and Housed Sets
8	120-0400	1	Cup, Oil Pump Intake (Includes Cup, Pipe and Screw)	30	193-0005	1	†Gauge, Oil Pressure
9	120-0161	1	Gasket Kit, Oil Pump	31		1	†Line, Oil - Flexible
10	526-0066	1	Washer, Flat (25/64" ID x 9/16" OD x 1/16" Thk)		501-0004	1	Keys 1,4,5,6 (12")
11	120-0140	1	Spring, Bypass Valve		501-0003	1	Sets with Oil Filter (9")
12	120-0398	1	Valve, Bypass	32	502-0005	1	Elbow, Inverted Female (90)
13			Nipple, Oil Drain	33		1	Frame, Carrying
	505-0081	1	Key 1,4,6 (1/2" x 3-1/2")		403-1015	1	Keys 1,4,6 (Also Contractor Model)
	505-0210	1	Housed Sets (1/2" x 2")			1	Keys 2,3,5,7 - Spec R th
14	505-0014	1	Coupling, Oil Drain - Key 1,4,6 and Housed Sets		403-1328	1	Keys 2,3,5,7 - Begin Spec V
15			Mounting Package (Includes Parts Marked *)		403-1661	1	Key 1 - Begin Spec V
	402-0407	1	Key 1,4,6	34	508-0095	1	Grommet, Rubber - Oil Line (Sets with Oil Filter)
	402-0408	1	Key 2,3,5,7			1	Switch, Low Oil Pressure - Begin Spec V - Keys 2,3,5
	402-0407	1	Housed Sets			1	Lead, Low Oil Pressure Swi
16	402-0283	4	*Cushion, Vibration	36	336-3377	1	Begin Spec V - Keys 2,3,5
17	402-0290	4	*Bushing, Mounting			8	Washer, Lock - EIT (7/16")
18	402-0282	4	*Snubber, Shock Mounting	37	856-0012	8	Housed Sets - Begin Spec
19	862-0004	4	*Nut, Hex (7/16-14)			4	Strap, Bond - Housed Sets
20	526-0014	4	*Washer, Flat (24/64" ID x 1-1/2" OD x 1/8" Thk)	38	337-0091	4	Begin Spec V
21	526-0198	8	*Washer, Flat (5/8" ID x 1-1/2" OD x 1/16" Thk)	39	502-0017	1	Connector, Inverted - Fem
22	526-0195	4	*Washer, Flat (29/64" ID x 3-1/4" OD x 1/8" Thk) Key 2,3,5,7				(Sets with Oil Filter and Contractors Model)

* - Parts Included in Mounting Package.

† - Not Used Spec V - Remote Sets.

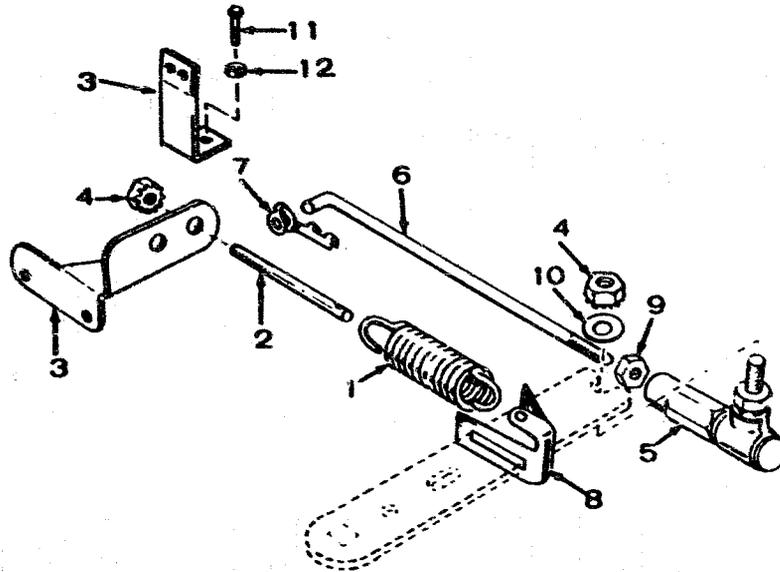
Gearcase



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Gearcase Assembly (Includes Parts Marked *)	6	516-0130	1	*Pin, Roll - Governor Cup Stop (3/16" x 7/8")
	103-0357	1	Spec R	7	510-0008	1	*Bearing, Governor Shaft - Lower
	103-0641	1	Spec S, T	8	510-0014	1	*Bearing, Ball - Governor Shaft
	103-0667	1	Begin Spec U	9	150-0678	1	*Clip, Governor Sensitivity Adjustment
2	510-0013	1	*Bearing, Governor Shaft - Upper	10	509-0008	1	*Seal, Oil
3			*Shaft and Arm, Governor	11	509-0040	1	*Seal, Oil
	150-0377	1	Without Clip - Begin Spec S	12	103-0011	1	Gasket, Gearcase
	150-1286	1	Through Spec R (With Clip)	13	516-0141	2	Pin, Dowel (5/16 x 1-1/8")
	150-1542	1	Without Sensitivity Clip - Begin Spec U	14	800-0032	4	Screw, Cap - Hex Head 5/16-18 x 1-3/4"
	150-1564	1	With Sensitivity Clip - Begin Spec U		800-0034	1	5/16-18 x 2-1/4"
4	150-1187	1	*Yoke, Governor Shaft - Spec R, T, U, V	15	850-0045	5	Washer, Lock - Spring (5/16")
5	815-0046	2	*Screw, Machine - Pan Head (#8-32 x 3/8")				

* - Parts Included in Gearcase Assembly.

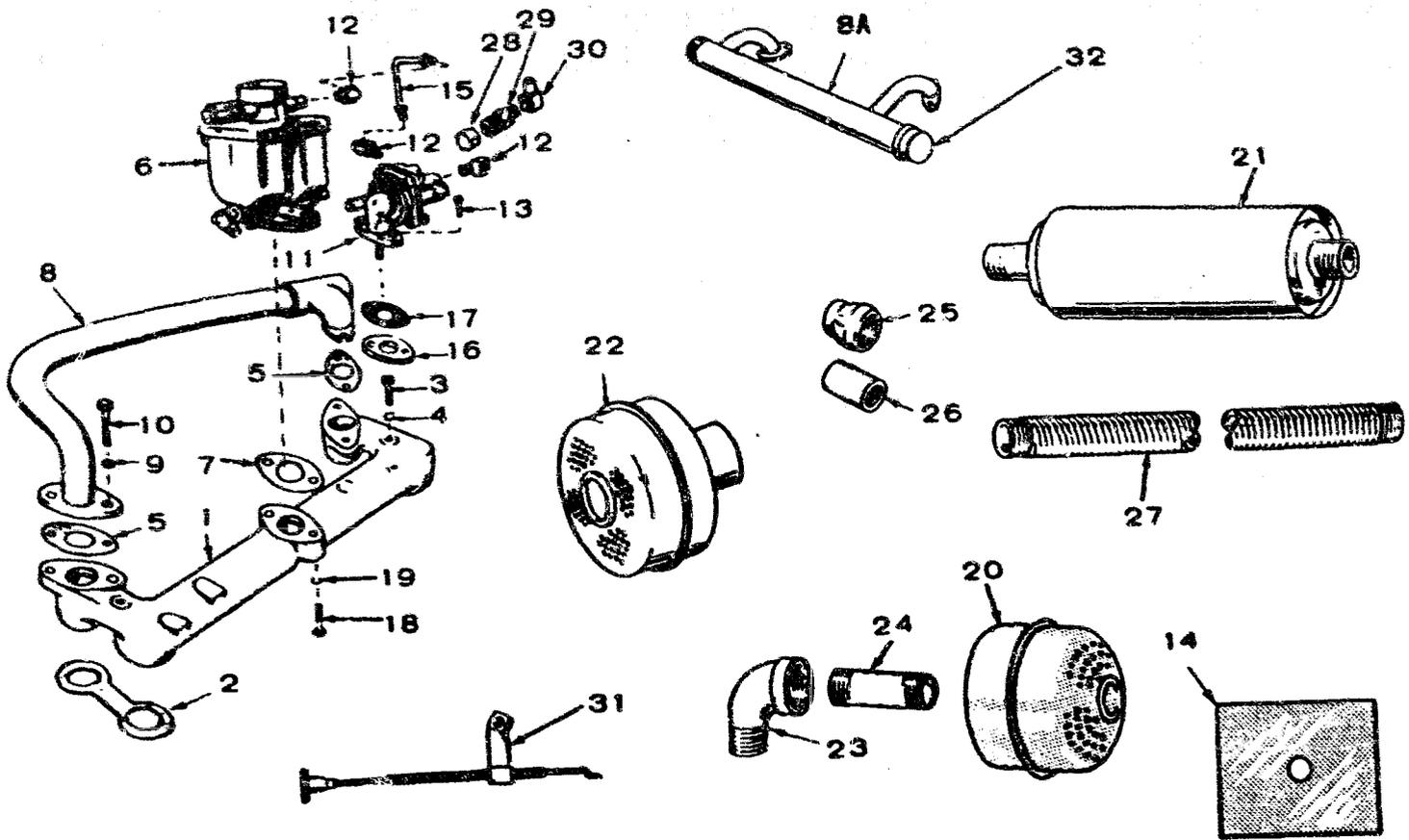
Governor



FS-1143

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0098	1	Spring, Governor	7	518-0006	1	Clip, Rod End
2	150-0096	1	Stud, Governor Speed Adjustment	8	150-0678	1	Clip, Governor Sensitivity
3	150-0040	1	Bracket, Governor Stud Gasoline, Gas-Gasoline Sets	9	870-0053	1	Nut, Hex (#10-32)
	150-1577	1	Gas Carburetor Sets	10	526-0196	1	Washer, Flat (7/32 ID x 7/16 OD x 1/8" Thk)
4	870-0131	2	Nut, Hex With ET (#10-32)	11	800-0004	2	Screw, Cap - Gas Carburetor Sets (1/4-20 x 5/8")
5	150-0639	1	Joint, Ball	12	526-0063	2	Washer (Copper) - Gas Carburetor Sets - (17/64" x 7/16" OD x 1/32" Thk)
6	150-0629	1	Link, Governor Arm to Carburetor				

Fuel System and Exhaust

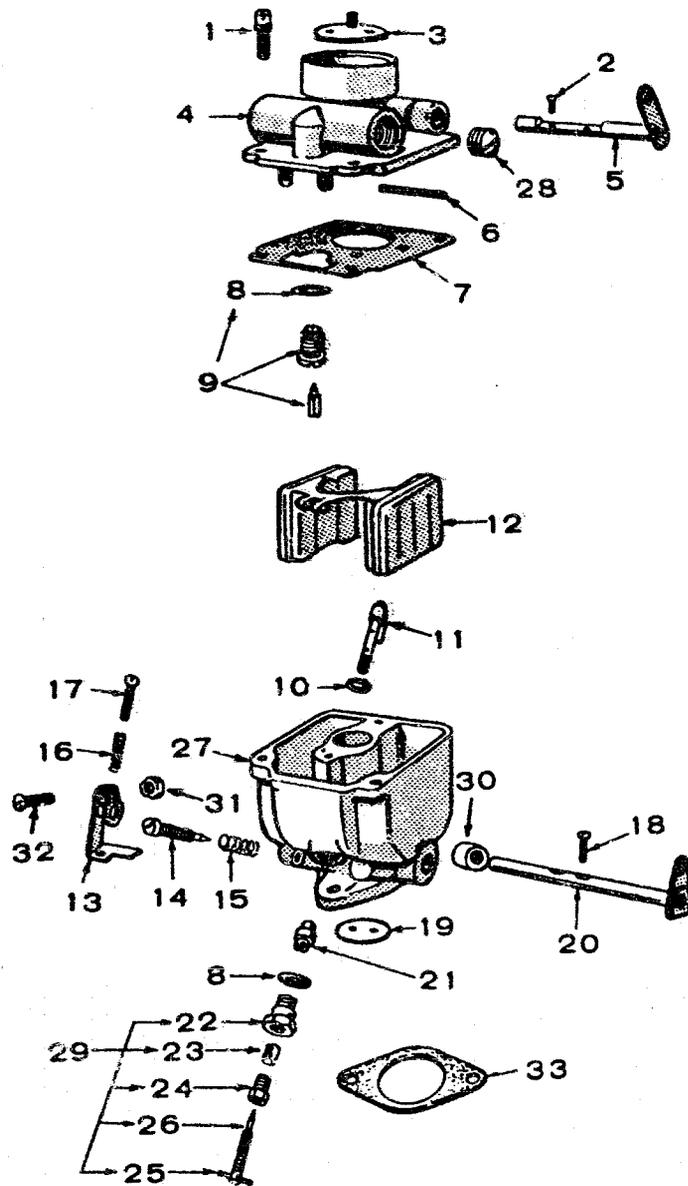


FS-1144

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-0383	1	Manifold, Intake	15	149-0611	1	Line, Fuel Pump to Carburetor
	154-0670	1	Sets without Vacuum Switch	16	149-0045	1	Spacer, Fuel Pump
		1	Sets with Vacuum Switch (Has 1/8" Pipe Plug Hole)	17	149-0003	2	Gasket, Fuel Pump Mounting
2	154-0013	2	Gasket, Intake Manifold	18	800-0009	2	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
3	800-0054	2	Screw, Cap - Hex Head (3/8-16 x 2")	19	850-0040	2	Washer, Lock - Spring (1/4")
4	850-0050	2	Washer, Lock - Spring (3/8")	20	155-0484	1	Muffler, Exhaust - Key 1,4,6
5	154-0360	2	Gasket, Exhaust Manifold Mounting	21	155-0076	1	Muffler, Exhaust - Key 2,3,5,7
6			Carburetor, Complete - Gasoline (Includes Mounting Gasket)	22	155-0522	1	Muffler, Exhaust - Housed Sets
	142-0645	1	Manual Choke - Key 1,4,6 (For Components See 142-0363)	23	505-0333	1	Elbow, Street (1" x 45°) - Key 1,4,6
	142-0646	1	Electric Choke - Key 2,3,5 (For Components See 142-0364)	24	505-0004	1	Nipple, Close - Exhaust (1" x 1-1/2") - Key 1,4,6
7	141-0078	1	Gasket, Carburetor Mounting	25	505-0138	1	Coupling, Reducer - Exhaust (1-1/4" x 1") Vacu-Flo Cooled Sets
8	154-0526	1	Manifold, Exhaust - Pressure Cooled Sets	26	505-0030	1	Coupling, Pipe - Exhaust (1") - Key 2,3,5,7
8A	154-0377	1	Manifold, Exhaust - Vacu-Flo Cooled Sets	27	155-0491	1	Tubing, Flexible - Exhaust (36") - Key 2,3,5,7
9	850-0045	4	Washer, Lock - Spring (5/16")	28	149-1861	1	Valve, Fuel Safety - Begin Spec V (Kit) (Includes Parts Marked *)
10	800-0028	4	Screw, Cap - Hex Head (5/16-18 x 1")	29	502-0082	1	*Nipple, Hex - Pipe - Begin Spec V
11	149-1784	1	Pump, Fuel (Includes Mounting Gasket) (For Components See Separate Group)	30	502-0020	1	*Elbow, Street - Pipe (90°) - Begin Spec V
12	502-0002	3	Elbow, Street - (1) Fuel Pump Inlet, (1) Fuel Pump Outlet, (1) Carburetor Inlet	31	149-0271	1	Primer Assembly, Fuel Pump (With Bracket) - Begin Spec V - Key 1,4
13	806-0009	2	Screw, Cap - Counterbore (Special)	32	505-0329	1	Cap, Pipe (1-1/4")
14	NFS	1	Plate, Exhaust Wall - Key 2,3,5,7				

* - Parts Included in 149-1861 Fuel Valve Kit.

Carburetor Parts - Gasoline

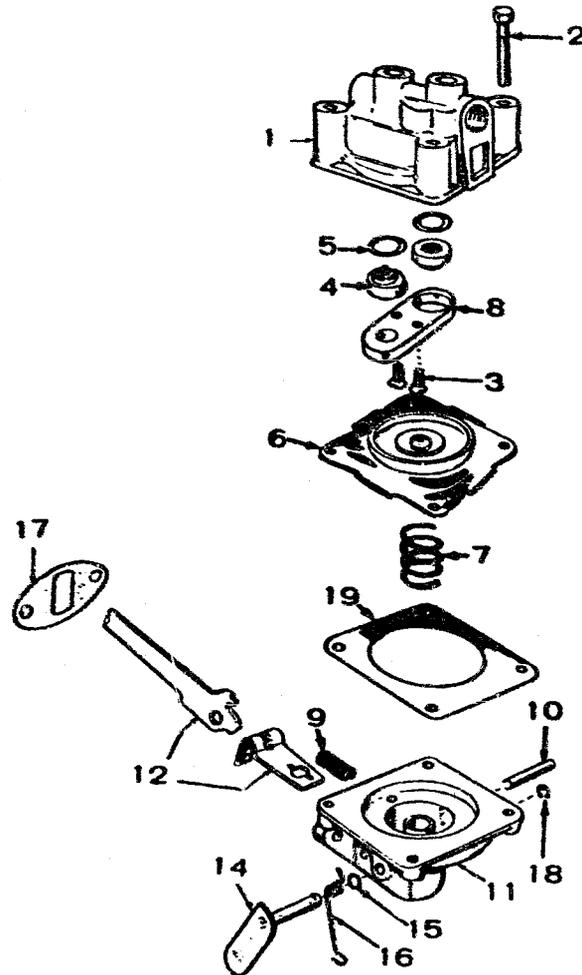


Carburetor Parts - Gasoline

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Carburetor, Complete - Gasoline (Includes Mounting Gasket)	16	142-0035	1	Spring, Throttle Stop Adjusting Screw
	142-0645	1	Key 1,4,6	17	812-0063	1	Screw, Machine - Round Head (#6-32 x 1/2")
	142-0646	1	Key 2,3,5,7	18	815-0072	2	+Screw, Machine - Round Head (#4-40 x 1/4")
1			Screw, Machine - Fillister Head	19	142-0369	1	Fly, Throttle
	815-0103	1	#10-24 x 1/2"	20	142-0368	1	+Shaft, Throttle
	815-0109	2	#10-24 x 5/8"	21	142-0370	1	Nut and Jet, Nozzle
2	815-0091	2	+Screw, Machine - Fillister Head with IT (#4-40 x 3/16")	22	142-0046	1	Retainer, Main Adjusting Needle
3			Fly, Choke	23	142-0206	1	+Packing Main Adjusting Needle
	142-0055	1	Key 1,4,6	24	142-0045	1	Retainer, Main Adjusting Needle Packing
	142-0037	1	Key 2,3,5,7	25	516-0027	1	Pin, Main Adjusting Needle
4	142-0205	1	Sleeve, Choke (Cover)	26	142-0041	1	+Needle, Main Adjusting
5			Shaft, Choke	27		1	Body Assembly (Not Sold Separately)
	142-0217	1	Key 1,4,6	28	505-0008	1	Plug, Pipe - Slotted (1/8")
	142-0183	1	Key 2,3,5,7	29	142-0042	1	Needle Assembly, Main Adjusting
6	142-0039	1	+Shaft, Float	30	142-0343	2	Bushing, Throttle Shaft
7	142-0031	1	*Gasket, Fuel Bowl	31	870-0053	1	Nut, Hex (#10-32)
8	148-0017	2	*Gasket, (1) Float Valve Seat, (1) Main Adjusting Needle Retainer	32	813-0103	1	Screw, Machine - Round Head (#10-32 x 3/4")
9			Valve and Seat Assembly		142-0033	1	+Kit, Gasket (Includes Parts Marked *)
	142-0049	1	+ Sets Without Day Tank		142-0371	1	Kit, Repair (Includes Parts Marked +)
	142-0356	1	Sets With Day Tank	33	141-0078	1	*Gasket, Carburetor Mounting
10	142-0032	1	*Gasket, Nozzle				
11	142-0285	1	Nozzle Assembly				
12	142-0361	1	Float and Lever Assembly				
13	145-0008	1	Lever, Idle Stop				
14	142-0040	1	+Needle, Idle Adjusting				
15	142-0282	1	Spring, Idle Adjusting Needle				

* - Parts Included in 142-0033 Gasket Kit.
 + - Parts Included in 142-0371 Repair Kit.

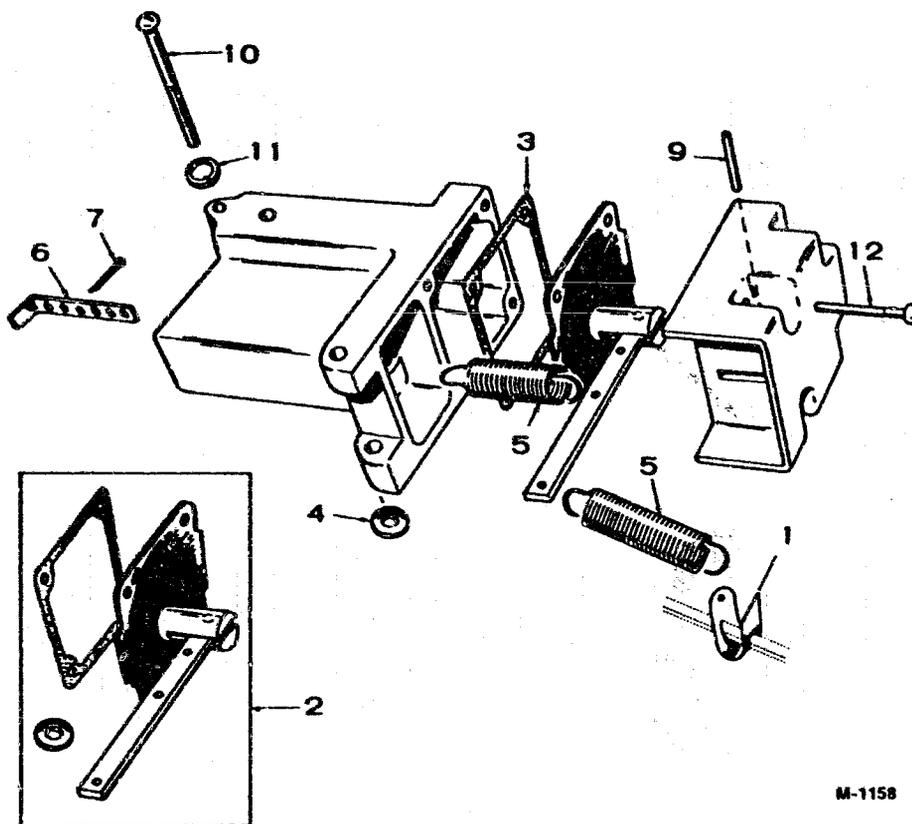
Fuel Pump Parts



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	149-1784	1	Pump, Fuel - Complete (Includes Mounting Gasket)	7	149-0672	1	*Spring
	149-0526	1	Kit, Repair (Includes Parts Marked *)	8	149-0539	1	Retainer, Valve Cage
1		1	Body (Not Sold Separately)	9	149-0675	1	*Spring
2			Screw, Machine - Hex Head	10	516-0113	1	Pin, Rocker Arm
	815-0148	2	#8-32 x 7/8"	11		1	Body (Not Sold Separately)
	815-0150	2	#8-32 x 1"	12	149-0710	1	Link and Arm, Rocker
3	815-0147	2	Screw, Tapping - Oval Head (#6-32 x 5/8")	14	149-0551	1	Lever, Primer
4	149-0096	2	*Valve and Cage	15	509-0065	2	Seal, "O" Ring
5	149-0095	2	*Gasket, Valve	16	149-0404	1	Spring, Primer Lever
6	149-0582	1	*Diaphragm Assembly	17	149-0003	1	*Gasket, Pump Mounting
				18	518-0129	1	Ring, Retainer - Primer Lever
				19	149-0858	1	*Gasket, Diaphragm - Lower Side

* - Included in 149-0526 Repair Parts Kit.

Vacuum Speed Booster

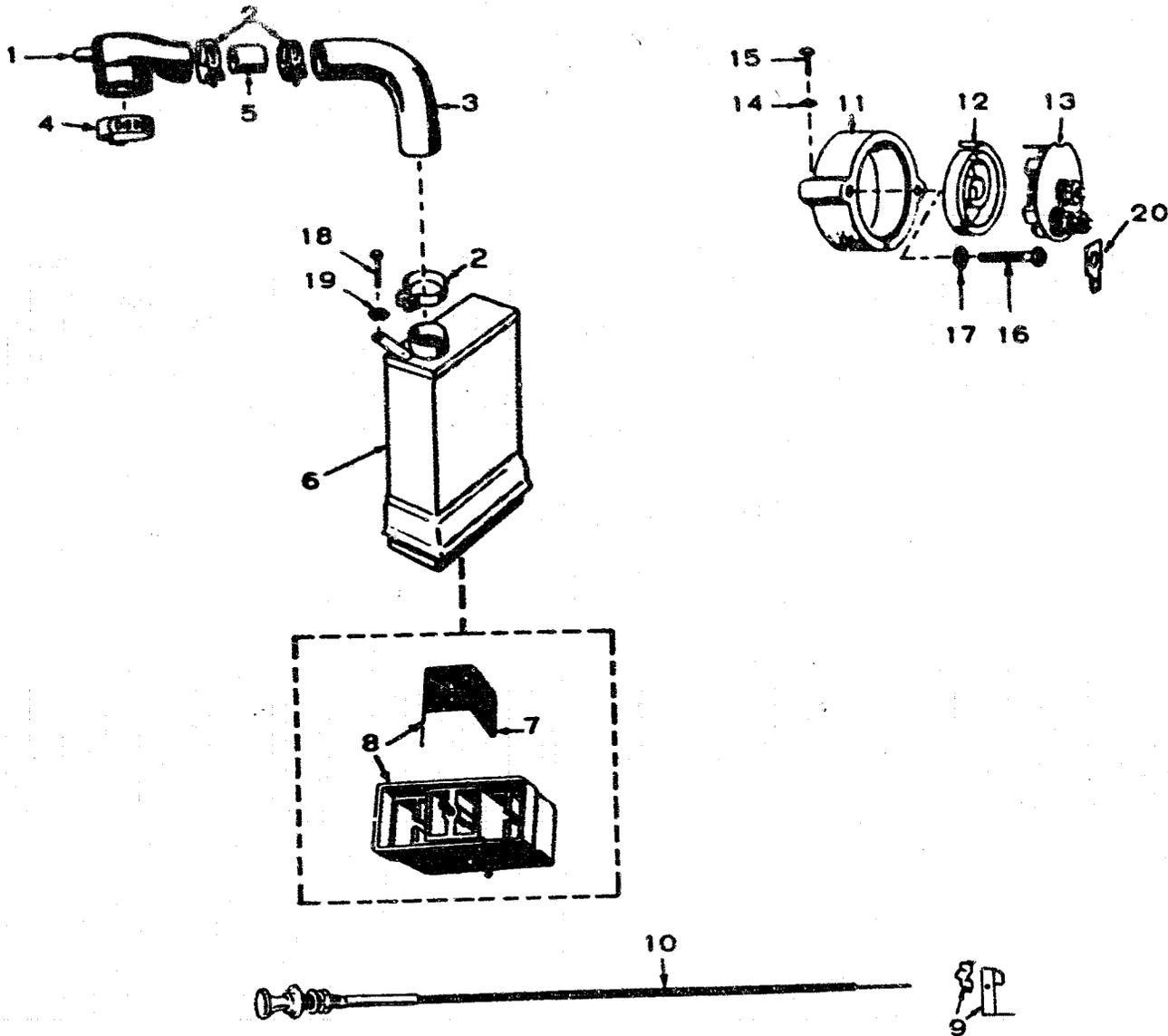


M-1158

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	150-0433	1	Kit, Vacuum Speed Booster Replacement (Includes Parts Marked *)	9	516-0085	1	*Pin, Roll - Diaphragm Lev Pivot (3/32 x 3/4")
1	150-0430	1	Bracket, Spring to Governor Link	10	813-0110	2	Screw, Machine - Round He (#10-32 x 2")
2	150-0434	1	*Kit, Diaphragm Replacement (Includes Parts Marked +)	11	853-0008	2	Washer, Lock - Spring (#1
3	150-0668	1	**Gasket, Diaphragm Plate	12	815-0148	4	*Screw, Machine - Round He (#8-32 x 7/8")
4	150-0425	1	**Gasket, Booster to Manifold				
5	150-0366	2	*Spring, Internal and External				
6	150-0376	1	*Bracket, Internal Spring Adjusting				
7	516-0039	1	*Pin, Cotter (3/32 x 5/8")				

* - Parts Included in 150-0433 Vacuum Speed Boos Replacement Kit.
+ - Parts Included in 150-0434 Diaphragm Replace Kit.

Air Cleaner and Choke



M-1159

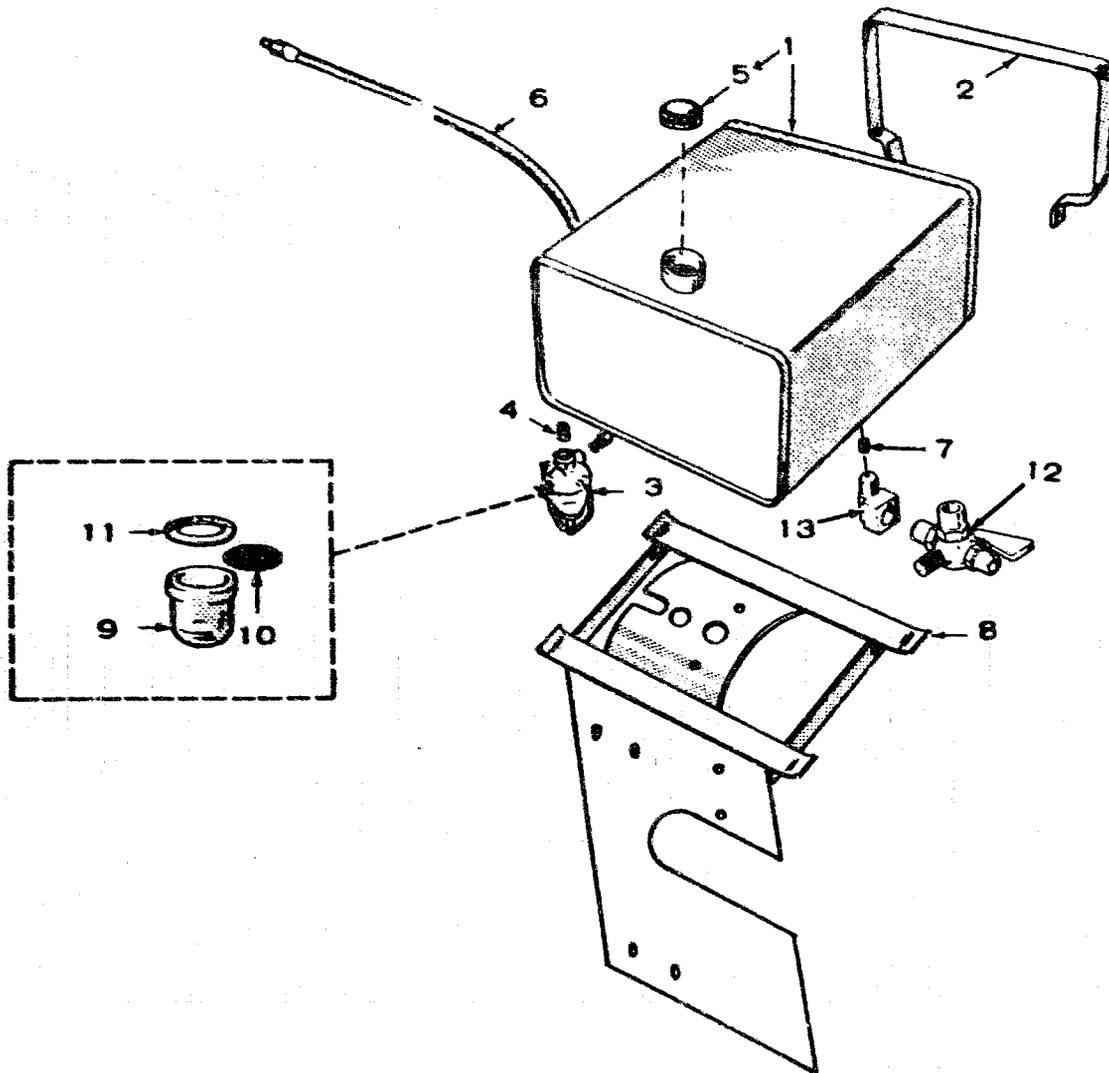
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	145-0080	1	Inlet, Carburetor Air	13	153-0114	1	Element and Cover, Choke - Key 2,3,5,7
2	503-0280	3	Clamp, Air Cleaner Hose	14	850-0030	1	Washer, Lock - Spring (#10) - Key 2,3,5,7
3	503-0480	1	Hose, Air Cleaner	15	815-0110	1	Screw, Machine - Fillister Head (#10-32 x 7/8") - Key 2,3,5,7
4	503-0107	1	Clamp, Air Inlet to Carburetor	16	815-0285	2	Screw, Machine - Round Head With ET (#10-32 x 5/16") - Key 2,3,5,7
5	140-0211	1	Sleeve, Air Cleaner	17	526-0062	2	Washer, Flat - Brass (Special)
6	140-0399	1	Cleaner, Air	18	821-0004	2	Screw, Cap - Hex Washer Head (#10-32 x 3/8")
7	140-0068	1	Screen, Air Cleaner	19	856-0003	2	Washer, Lock - EIT (#10)
8	140-0403	1	Cup Assembly, Air Cleaner (Includes Screen)	20	332-0527	1	Terminal, Wire
9	153-0263	1	Bracket and Clip, Choke - Key 1,4,6				
10	153-0097	1	Choke, Manual - Key 1,4,6				
11	153-0440	1	Housing, Electric Choke - Key 2,3,5,7				
12	153-0017	1	Choke, Bi-Metal - Key 2,3,5,7				

Ignition System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	160-1135	1	Box Assembly, Breaker - Gasoline Sets (Includes Mounting Gasket) (Includes Parts Marked *)	22			Condenser, Ignition Coil Suppression
2	160-0150	1	+*Gasket, Breaker Box Cover		312-0027	1	Keys 2,3,5,7
3	160-0075	1	+*Pivot, Breaker Arm		312-0017	1	Begin Spec V - Keys 2,3,5,7
4	160-0002	1	†*Point, Set Breaker	23	160-0752	1	Stator Assembly, Magneto (Includes Coil and Pole Shoe - Key 1,4,6
5	160-1040	1	*Gasket, Breaker Box Mounting - Gasoline Sets	24	160-0750	1	Coil, Magneto Stator - Key 1,4,6
6	312-0069	1	†*Condenser, Breaker Box (.3 Mfd.)	25	160-0749	1	Pole Shoe, Magneto Stator - Key 1,4,6
7	160-1041	1	*Bushing, Breaker Box - Gasoline Sets	26	167-0188	4	Clip, Magneto Lead - Key 1,4,
8	160-0930	1	+*Cover, Breaker Box	27	815-0259	2	Screw, Tapping - Hex Head (1/4-20 x 1-1/4") - Key 1,4,
9			Plunger, Breaker	28	526-0015	2	Washer, Flat (9/32" ID x 9/16" OD x 1/16" Thk) - Key 1,4,6
	160-0723	1	* Gasoline Sets	29	812-0077	2	Screw, Machine - Round Head (#8-32 x 3/8")
	160-0265	1	+ Gas and Gas-Gasoline Sets	30	850-0040	2	Washer, Lock - Spring - 1/4" Box Assembly, Breaker - Gas and Gas-Gasoline Sets (Includes Parts Marked +)
10	526-0214	2	Washer, Flat (17/64 ID x 1/2 OD x 1/16" Thk)	31			Prior to Serial C770221140
11	160-0428	1	+*Strap, Point Set to Breaker Box Terminal Block		160-1171	1	Begin Serial C770221140
12	160-0349	1	+*Block and Terminal Assembly, Breaker Box		160-0257	1	Gasket, Breaker Box Mounting Gas and Gas-Gasoline Sets
13	160-0261	1	+*Wick, Breaker Box		160-0043	1	Nipple, Spark Plug Cable
14			Screw, Machine - Round Head with ET	32	160-0558	2	**Nut, Hex - Metric (M5 x .8)
	815-0285	3	* Gasoline Sets (#8-32 x 5/16")	33	166-0554	2	Screw, Tapping - Slotted Hex Head (#10-32 x 3/8")
	518-0049	3	+ Gas and Gas-Gasoline Sets (#8-32 x 1/4")	35	815-0350	1	Washer, Lock - Spring (#10)
15			Guide, Plunger	36			Bracket, Timing - Vacu-Flo Sets
	160-0931	1	* Gasoline Sets	37	856-0003	1	Clamp, AC Leads Holddown - Spec V
	160-0264	1	+ Gas and Gas-Gasoline Sets	38	166-0519	1	Grommet, Rubber (11/32" ID)
16			Screw, Machine - Socket Head	39	332-1876	1	Washer, Flat (17/64" ID x 5/8" OD x 10 Ga. Thk)
	802-0035	2	* Gasoline Sets (1/4-20 x 7/8")	40	508-0095	2	Washer, Lock - EIT (#8)
	802-0034	2	+ Gas and Gas-Gasoline Sets (1/4-20 x 3/4")	41	526-0184	2	**Washer, Lock - Ignition Coil (M5, Metric)
17	166-0702	1	Kit, Lead Replacement (Includes Parts Marked **)	42	856-0002	2	Ignition Tune-Up Kit (Includes Parts Marked †)
17A	336-4414	1	**Lead Assembly, Coil to Breaker Box	43	850-2005	2	
18			Coil, Ignition - Key 2,3,5,7 (Includes Qty 2 166-0554 Hex Nuts)	45	160-0836	1	
	166-0772	1	Prior to Serial A760988660 (Includes Parts Marked †)				
	166-0772	1	Begin Serial A760998660				
19	166-0588	1	Clamp, Ignition Coil - Key 2,3,5,7				
20			Cable, Spark Plug				
	167-1602	2	Key 1,4,6				
	167-1602	1	Key 2,3,5,7 (Right Cyl)				
	167-1602	1	Key 2,3,5,7 (Left Cyl)				
21			Plug, Spark				
	167-0241	2	Non-Resistor				
	167-0237	2	Resistor				

* - Parts Included in 160-1135 Breaker Box Assembly
 † - Parts Included in 160-1171 and 160-0257 Breaker Box Assembly.
 ** - Parts Included in 166-0702 Lead Replacement Kit
 † - Parts Included in 160-0836 Ignition Tune-Up Kit

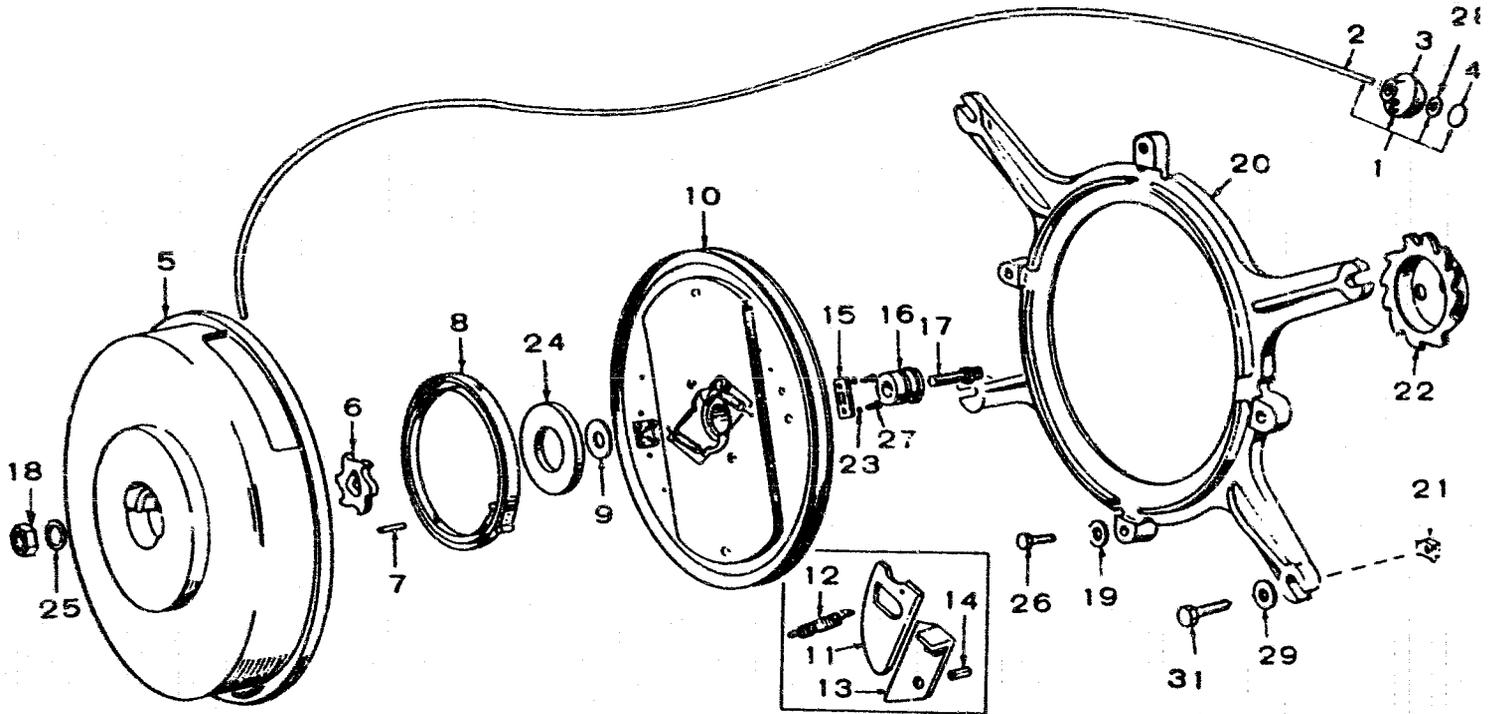
Fuel Tank and Filter Key 1,4,6



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	159-0546	1	Tank, Fuel - 4 Gal. (Includes Cap)	8	301-3571	1	Bracket, Fuel Tank and Control Box Mounting
2	159-1010	2	Strap, Fuel Tank Mounting	9	149-0150	1	*Bowl, Fuel Filter
3	149-0079	1	Filter, Fuel (includes Parts Marked *)	10	149-0202	1	*Screen, Fuel Filter
4	502-0046	1	Nipple, Pipe - Close (1/8")	11	149-0149	1	*Gasket, Fuel Filter Bowl
5	159-0020	1	Cap, Fuel Tank	12	504-0004	1	Valve, Shut-Off - Key 1
6	501-0015	1	Line, Fuel (16")	13	502-0020	1	Elbow, Street Pipe - Shut-Off Valve - Key 1
7	505-0274	3	Plug, Pipe - Fuel Tank Drain (1/8") Use with Shut-Off Valve 504-0004 - Key 1				

* - Parts Included in 149-0079 Fuel Filter.

Readi-Pull Starter Key 1,4,6



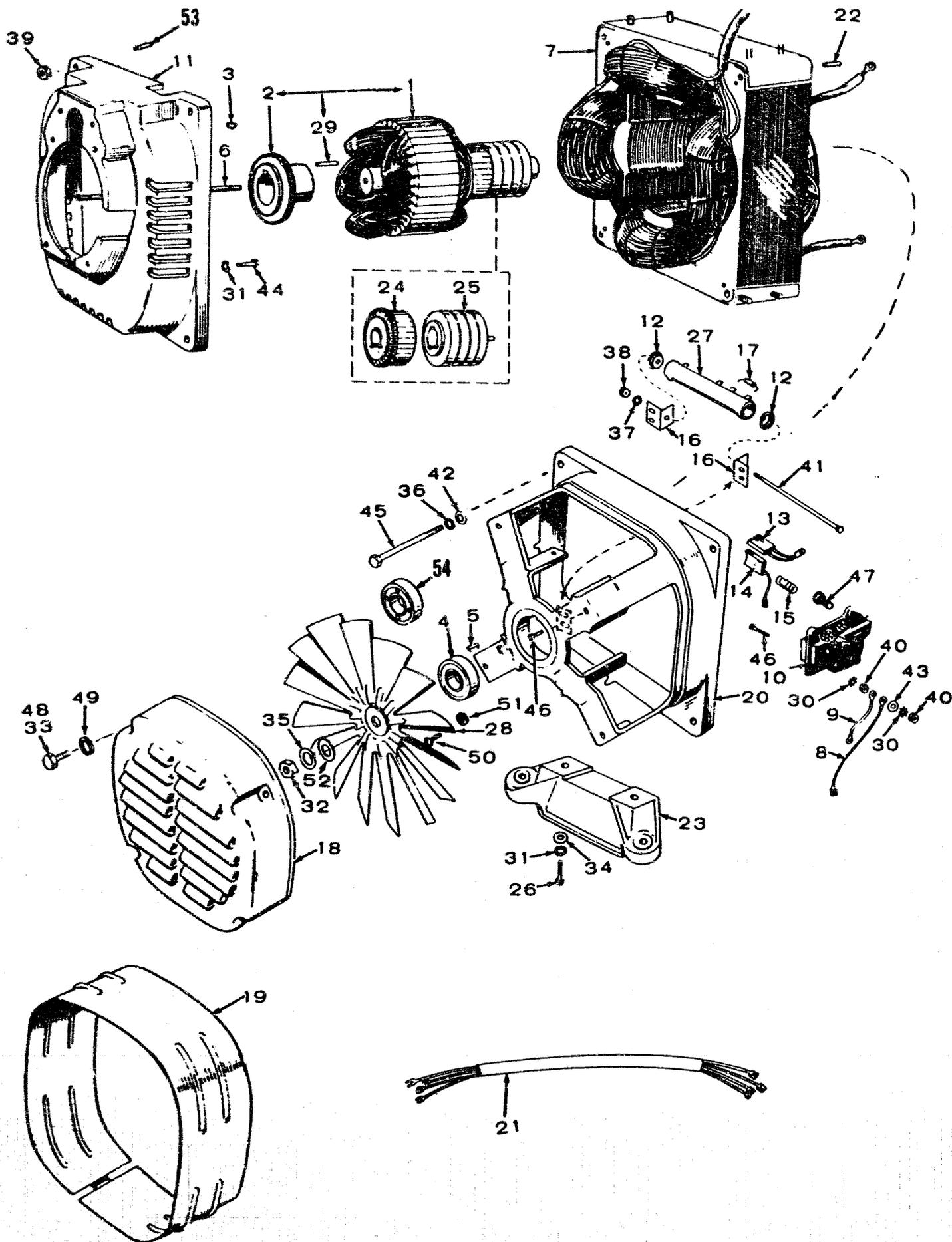
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	192-0325	1	Starter, Complete (Includes Mounting Ring and Ratchet Wheel)	17	192-0323	1	Screw, Cap - Counterbored (Special)
1	192-0045	1	Rope and Grip, Pull	18	862-0003	1	Nut, Hex (3/8-16)
2	192-0043	1	Rope, Pull (83")	19	526-0180	4	Washer, Flat (17/64" ID x 7/8" OD x 1/8" Thk)
3	192-0044	1	Grip, Rope (Rubber)	20	192-0186	1	Ring, Starter to Blower Housing Mounting
4	517-0025	1	Plug, Rope Grip	21	870-0110	4	Nut, Retainer (1/4-20)
5	192-0152	1	Housing, Starter	22	192-0309	1	Wheel, Ratchet
6	192-0153	1	Wheel, Cog - Anti-Backlash	23	526-0015	1	*Washer, Flat (9/32" ID x 9/16" OD x 1/16" Thk)
7	516-0138	1	Pin, Roll Recoil Spring (3/16" x 9/16")	24	NFS	1	Washer, Flat (Special)
8	192-0039	1	Spring, Recoil	25	850-0050	1	Washer, Lock - Spring (3/8")
9	526-0123	1	Washer, Thrust (Sheave Bushing to Cover) (25/64 ID x 1-1/4 OD x .0598" Thk)	26	815-0137	4	Screw, Tapping - Hex Head Co (1/4-20 x 5/8")
10	192-0180	1	Sheave, Rope (Includes Parts Marked *)	27	815-0137	4	*Screw, Tapping - Hex Head Co (1/4-20 x 5/8")
11	192-0172	1	*Pawl	28	526-0169	1	Washer, Flat (17/64" ID x 7/8" OD x 1/16" Thk)
12	192-0165	2	*Spring, Pawl	29	526-0130	4	Washer, Flat (17/64" ID x 1" OD x 1/16" Thk)
13	192-0168	2	*Arm, Ratchet	31	800-0007	4	Screw, Cap - Hex Head (1/4-20 x 1")
14	516-0110	4	*Pin, Roll (5/16 x 1/2") (2) Ratchet Arm, (2) Pawl				
15	192-0167	1	*Clamp, Rope				
16	192-0163	1	Bearing, Sheave Hub (Bronze)				

* - Parts Included in 192-0180 Rope Sheave Assembly

Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Rotors Without Extended Shaft (Includes Parts Marked *)	7			Stator Assembly, Wound 50 Hertz Sets
	201-2328	1	50 Hertz Sets		220-1818	1	3.5CCK-53BP, 3.5CCK-53CP
	201-2323	1	3.5CCK-53P, 3.5CCK-53BR		220-1822	1	3.5CCK-53BR & 3.5CCK-53CR
	201-2505	1	3.5CCK-53CP & 3.5CCK-53CR - Spec A-R				4.2CCK-53CP, 4.2CCK-53CR
	201-2321	1	3.5CCK-53BR				4.0CCK-57P & 4.0CCK-57R, 4.0CCK-55DR, 4.2CCK-53B
	201-2518	1	4.0CCK-55DR - Begin Spec V	220-1818		1	60 Hertz Sets
	201-1912	1	4.2CCK-53CP & 4.2CCK-53CR - Spec R				4.0CCK-3CP, 4.0CCK-3CR, 4.0CCK-4R & 4.0CCK-3CE, 4.0CCK-3R
	201-2483	1	4.2CCK-53BR - Spec R	220-1821		1	5.0CCK-3CP, 5.0CCK-3CR, 3R, 4R, 4XR, 5.0CCK-5DR & 5.0CCK-3CE, 4E
	201-2510	1	4.2CCK-53BR - Spec U				Lead Assembly, Brush
	201-2506	1	4.2CCK-53CR - Spec U				Blade Type Terminals (9")
	201-1905	1	4.2CCK-53CR - Spec R	8			Blade Type and Round Type Terminal (4")
	201-2329	1	4.2CCK-55DR - Spec R		336-1891	4	†Jumper, Ground (3-1/2")
	201-2330	1	4.2CCK-57R - Spec R		336-1890	4	Block Assembly, Brush (Includes Parts Marked †)
	201-2507	1	4.2CCK-57R - Spec V				Lower
	201-2507	1	4.0CCK-57P & 4.0CCK-57R - Begin Spec U	9	336-0186	3	Right
	201-2511	1	3.5CCK-53BR, 3.5CCK-53BP - Begin Spec U	10			Upper
	201-1907	1	60 Hertz Sets		212-0352	1	Left
	201-2504	1	4.0CCK-3CP, 4.0CCK-3CR & 4.0CCK-3CE - Spec R		212-0345	1	Adapter, Generator to Engine (Includes 4 Alignment Pins)
	201-1917	1	4.0CCK-4R - Spec R	11	231-0164	1	Washer, Centering Resistor
	201-2514	1	4.0CCK-4R - Begin Spec V	12	304-0015	2	†Brush, Commutator
	201-1903	1	5.0CCK-3CP, 5.0CCK-3CR, 5.0CCK-3R, 5.0CCK-3CE - Spec R	13	214-0095	4	†Brush, Collector
	201-2503	1	5.0CCK-3CP, 5.0CCK-3CR, 5.0CCK-3CE & 5.0CCK-BR - Begin Spec V	14	214-0096	8	†Spring, Brush
	201-1913	1	5.0CCK-4R - Spec R	15	212-1232	12	Bracket, Resistor Mounting
	201-2512	1	5.0CCK-4R - Begin Spec U	16	304-0706	2	Diode
	201-1918	1	5.0CCK-4XR - Spec R	17	357-0020	1	Cover Assembly, Generator Fa Used on Sets Without Extended Shaft Rotor
	201-2513	1	5.0CCK-4XR - Begin Spec V	18			Used on Sets With Extended Shaft Rotor
	201-1914	1	5.0CCK-5DR - Spec R	19	234-0362	1	Wrapper, End Bell
	201-2508	1	5.0CCK-5DR - Begin Spec V	20	211-0187	1	Bell, End
			Rotors with Extended Shaft - 60 Hertz Sets (Includes Parts Marked *)	21			Harness, Wiring
	201-1964	1	4.0CCK-3CR - Spec R		338-0642	1	Single Phase - Spec R
	201-2524	1	4.0CCK-3CR - Begin Spec U		338-0643	1	Three Phase - Spec R
2	232-2316	1	*Hub, Drive - Spec R Only		338-0946	1	Remote, 1 Phase - Begin Spec V
3	515-0006	1	Key, Drive Hub to Crankshaft - Spec R		338-0947	1	Remote, 3 Phase - Begin Spec V
4	510-0047	1	*Bearing (Ball), Rotor		338-0644	1	Portable - Begin Spec V - 1 Phase
5	232-0596	1	Clip, Bearing Stop		338-0645	1	Portable, 3 Phase - Begin Spec V
6			Stud, Rotor Through	22	516-0182	8	Pin, Roll - Generator Frame (1/4 x 3/4")
	520-0732	1	Key 1,2,4,5				Support, Generator
	520-0733	1	Key 3,6,7 - Also Key 4, Spec V, 50 Hertz	23	232-2321	1	*Commutator
	520-0781	1	Use Only on Extended Shaft Rotors	24			Key 1,2,4,5
					203-0153	1	Key 3,6,7
					203-0152	1	

Generator



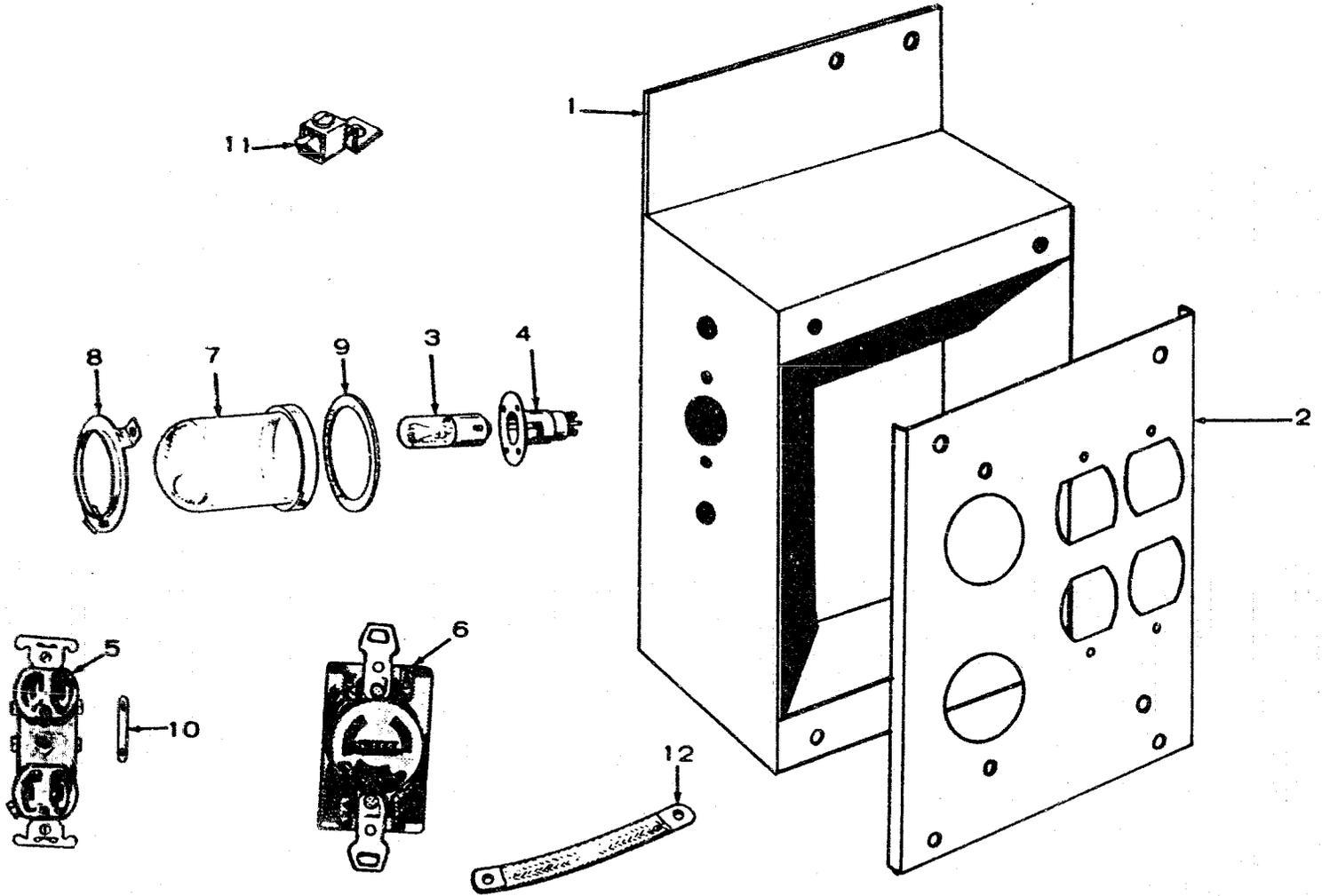
Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
25	204-0110	1	*Collector Ring	43	526-0049	4	†Washer, Flat (13/64" ID x 7/16" OD x 1/32" Thk)
26	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")	44	800-0050	4	Screw, Cap - Hex Head (3/8-16 x 1")
27	353-0071	1	Resistor, Fixed 8.3-Ohms at 25 Watts/ 3.8-Ohms at 50 Watts - 4.2 & 5.0 kW	45	800-0043	4	Screw, Cap - Hex Head 5/16-18 x 5" - Key 1,2,4
	353-0072	1	5.7-Ohms at 25 Watts/ 2.5-Ohms at 50 Watts - 3.5 & 4.0 kW		800-0044	4	5/16-18 x 7-1/2" - Key 3
28	205-0090	1	Fan, Generator Used on Sets Without Extended Shaft Rotor	46	815-0359	17	Screw, Tapping - Hex Washer Head (#10-32 x 7/8")
	205-0116	1	Used on Sets With Extended Shaft Rotor	47	815-0341	4	†Screw, Machine - Hex Head (Brass) (#10-32 x 1")
29	515-0007	1	*Key, Drive Hub to Rotor	48	812-0156	4	Screw, Machine - Round Head (Use With 232-2827 Genera Fan Cover) (1/4-20 x 1-1/2" - Spec V, Key 3 & 4 - 50 Hertz, Use 2
30	853-0008	8	†Washer, Lock - ET (#10)	49	850-0040	4	Washer, Lock (Use With 232-2827 Generator Fan Co (1/4") - Spec V, Key 3 & 50 Hertz, Use 2
31	850-0050	6	Washer, Lock - Spring (3/8")	50	804-0016	4	Screw, Allen Head (Use With 205-0116 Generator Fan) (#10-32 x 3/8")
32	870-0203	1	Nut, Hex (Special)	51	850-0030	4	Washer, Lock (Use With 205-0116 Generator Fan) (
33	815-0441	2	Screw, Tapping - Hex Head (1/4-20 x 1-1/2")	52	526-0032	1	Washer, Flat (Use With 520-0781 Stud) (29/64" ID 7/8" OD x 1/16" Thk)
34	526-0030	2	Washer, Flat (13/32" ID x 7/8" OD x 1/8" Thk)	53	516-0196	4	Pin, Locating
35	850-0055	1	Washer, Lock - Spring (7/16")	54	232-2586	1	Hub, Fan (Extended Shaft)
36	850-0045	4	Washer, Lock - Spring (5/16")				
37	850-0030	1	Washer, Lock - Spring (#10)				
38	860-0011	1	Nut, Hex (#10-24)				
39	862-0015	4	Nut, Hex (5/16-18)				
40	871-0010	8	†Nut, Hex - Brass (#10-32)				
41	812-0118	1	Screw, Machine - Round Head (#10-24 x 5")				
42	526-0115	4	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)				

* - Parts Included in Rotor Assembly.

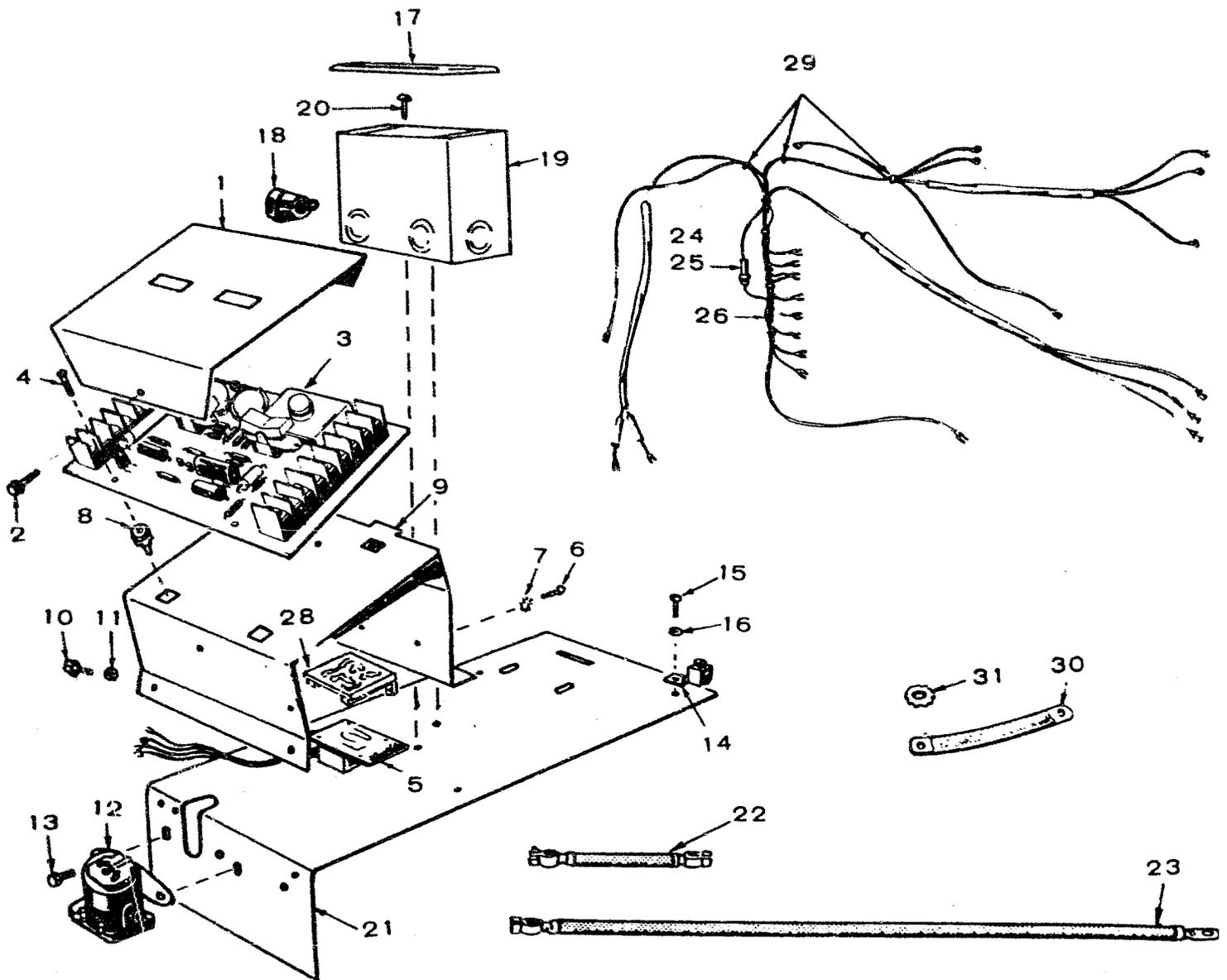
† - Parts Included in Brush Block Assembly.

Control
Key 1,4,6



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-3573	1	Box, Receptacle	8	301-1902	1	Clamp, Guard
2	301-3574	1	Panel, Receptacle Box	9	149-0156	1	Gasket, Pilot Light Guard
3	322-0011	1	Lamp, Receptacle Pilot Light	10	332-1695	1	Jumper
4	322-0021	1	Receptacle, Pilot Light	11	332-0517	1	Lug, Terminal - Ground
5	323-0383	2	Receptacle, Duplex	12	337-0050	1	Strap, Ground
6	323-0855	2	Receptacle, Twistlock		337-0085	1	Spec R
7	149-0234	1	Guard, Pilot Light			1	Begin Spec V

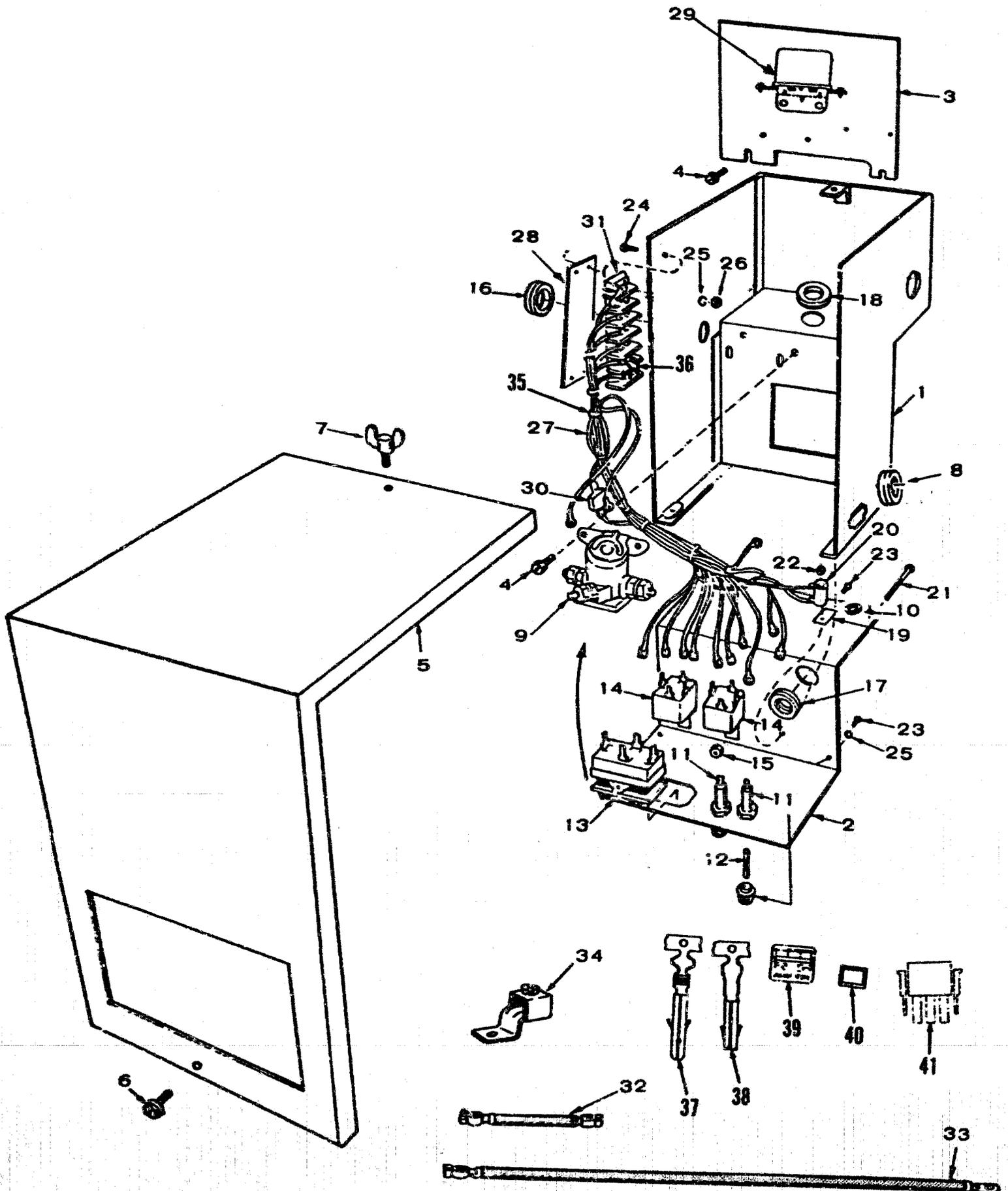
Control
Keys 2,3,5,7
Spec R Through U



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-3484	1	Cover, Control	19	330-0074	1	Box, Outlet
2	815-0350	3	Screw, Tapping - Hex Head (#10-32 x 3/8")	20	815-0350	2	Screw, Tapping - Hex Head (#10-32 x 3/8")
3	300-1884	1	Board, Voltage Regulator	21	301-3560	1	Panel, Control Mounting
4	815-0365	4	Screw, Tapping - Round Head (#8 x 3/4")	22	416-0004	1	Cable, Jumper - Battery (Optional)
5	300-0935	1	*Control Starter Adapter	23		1	Cable, Battery Unhoused Sets
6	812-0077	4	*Screw, Machine - Round Head (#8-32 x 3/8")	416-0077		2	28" Housed Sets
7	853-0005	4	*Washer, Lock - ET (#8)	416-0007		1	9" - Positive
8	870-0263	4	Nut, Insulator (#8)	416-0014		1	15" - Negative
9	301-3481	1	Bracket, Control Mounting	24	321-0194	1	Fuse (9 Amperes)
10	815-0350	4	Screw, Tapping - Hex Head (#10-32 x 3/8")	25	321-0193	1	Fuse Holder (Includes Fuse)
11	856-0003	4	Washer, Lock - EIT (#10)	26	338-0682	1	Wiring Harness, Engine Con
12	307-1166	1	Solenoid, Start	28	300-1227	1	*Control, Disconnect Adapter
13	821-0009	1	Screw, Cap - Hex Washer Head (1/4-20 x 3/8")	29	332-1567	11	Tie, Wire
14	332-0142	1	Terminal, Lug	30	337-0091	1	Strap, Ground - Housed Set
15	821-0010	1	Screw, Cap - Hex Washer Head (1/4-20 x 1/4")	31	856-0012	1	Washer, Lock - ET (7/16") Housed Sets
16	856-0006	1	Washer, Lock - EIT (1/4")				
17	330-0004	1	Cover, Outlet Box				
18	508-0179	1	Grommet, Outlet Box				

* - Effective Serial Number 0675954985, during

Control - Begin Spec V
Keys 2,3,5,7

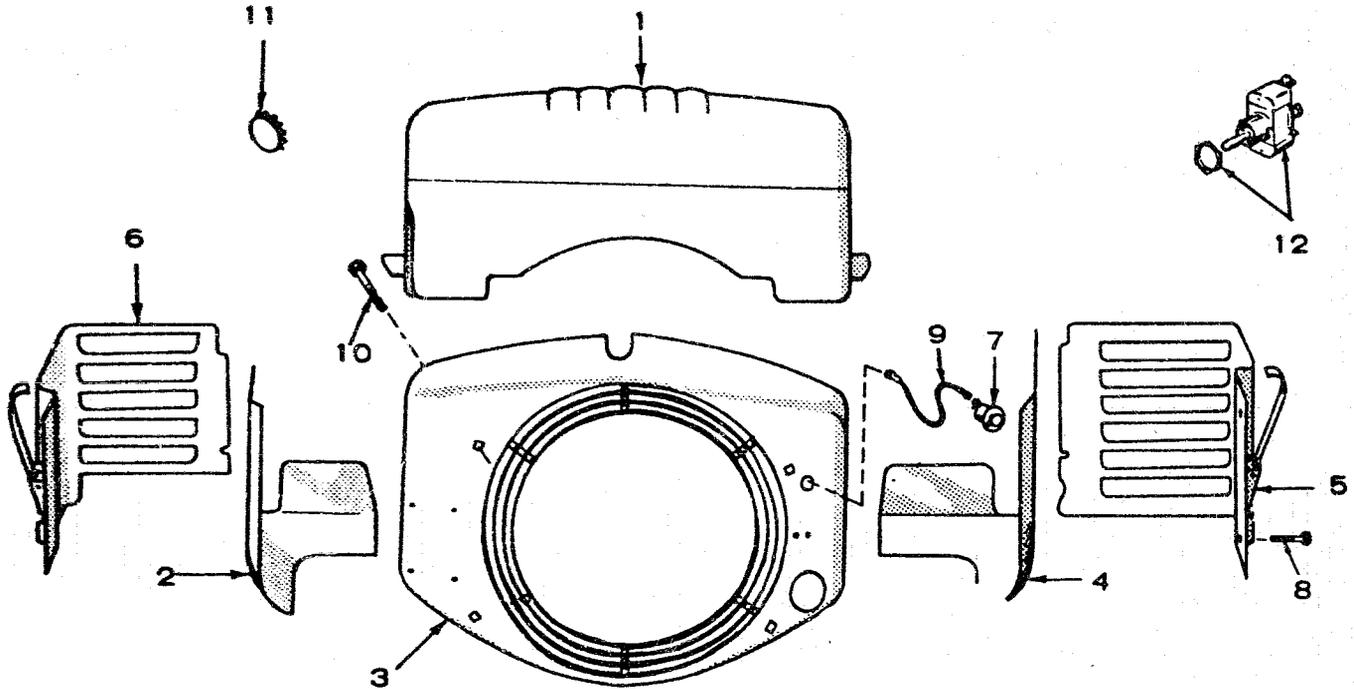


Control - Begin Spec V
Keys 2,3,5,7

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-4634	1	Box, Control	24	812-0065	2	Screw, Machine - Round Head (#6-32 x 5/8" Lg)
2	301-4442	1	Panel, Control	25	854-0006	2	Washer, Lock - Internal (#6-32)
3	301-4441	1	Plate, Generator Control	26	860-0005	2	Nut, Hex (#6-32)
4	821-0008	4	Screw, Cap - Locking Head (1/4-20 x 5/16" Lg)	27			Harness, Wiring (Includes Parts Marked *)
5	301-4545	1	Cover, Control Box (Includes Schematic)		338-1218	1	Gasoline
6	821-0004	1	Screw, Cap - Locking Head (#10-32 x 5/16" Lg)		338-1147	1	Gas and Gas-Gasoline
7	518-0056	1	Nut, Wing (#10-32 x 1/2")	28	332-2103	1	Strip, Terminal Block Marked
8	508-0021	1	Grommet, Rubber	29	305-0383	1	Regulator, Voltage
9	307-1617	1	Relay, Start Solenoid	30	357-0030	2	*Rectifier, Silicon (Key 5, Use 1)
10	508-0015	1	Washer, Fiber	31	332-0699	1	*Block, Terminal - 6 Place
11	321-0175	2	Holder, Fuse	32	416-0014	1	Cable, Battery - 15" (Negative) - Housed Sets
12	321-0174	2	Fuse (5 Amp)	33	416-0077	1	Cable, Battery - 28" (Positive)
13	308-0383	1	Switch, Start/Stop	34	332-0142	1	Terminal, Solderless
14	307-1575	2	*Relay, Ignition (Crank-Run)	35	332-0942	16	*Tie, Cable - Wiring Harness
15	870-0131	5	Nut, Hex - With Washer (#10-32)	36	332-1043	2	*Jumper, Terminal
16	508-0208	1	Bushing, Nylon	37	323-1199	5	*Pin, Contact - Male
17	331-0088	1	Bushing	38	323-1200	17	*Socket, Contact - Female
18	508-0191	1	Bushing	39	332-0819	2	*Housing, Connector Push On
19	304-0580	1	Insulator	40	332-2298	1	*Housing, Terminal
20	352-0161	1	*Resistor - 10-Ohm, 5 Watts	41	323-1291	1	*Plug (9 Pin)
21	812-0087	1	Screw, Machine - Round Head (#8-32 x 1/2" Lg)				
22	870-0221	1	Nut, Hex - W/ET (#8-32)				
23	821-0004	7	Screw, Cap - Locking Head (#10-32 x 5/16" Lg)				

* - Parts Included in Wiring Harness.

Air Housing



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-1013	1	Hood, Engine - Key 1,4,6	5	134-0662	1	Cover, Cylinder - Right (No. 2 Cylinder) - Key 1,4,6
2	134-0589	1	Housing, Cylinder Air - Left (No. 1 Cylinder)	6	134-0663	1	Cover, Cylinder - Left (No. 1 Cylinder) - Key 1,4,6
3			Housing, Blower Sets Without Spin-on Oil Filter	7	313-0018	1	Button, Stop - Key 1,4,6
	134-1579	1	Key 1,4,6	8	815-0261	4	Screw, Tapping - Hex Washer Head (1/4-20 x 1/2")
	134-1566	1	Key 2,3,5,7 - Spec R	9	334-0028	1	Lead, Stop (4 Ft. Piece of Bulk Wire)
	134-3885	1	Key 2,3,5,7 - Begin Spec V Sets With Spin-on Oil Filter	10	821-0010	3	Screw, Cap - Hex Washer Head (1/4-20 x 1/2")
	134-2894	1	Key 1,4,6	11	517-0021	1	Plug, Dot Button (7/8" Hole) - Key 2,3,5,7
	134-2710	1	Key 2,3,5,7 - Spec R	12	308-0097	1	Switch, Momentary Contact - Optional
	134-3919	1	Key 2,3,5,7 - Begin Spec V				
4			Housing, Cylinder Air - Right (No. 2 Cylinder)				
	134-0588	1	Sets Without Spin-on Filter				
	134-2237	1	Sets With Spin-on Oil Filter				

Service Kits and Miscellaneous

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	98-1100	1	Decal Kit	525-0305		1	Paint, Touch-Up (Pressurizer
	168-0103	1	Gasket Kit, Plant				13 oz. Can) Non-Metallic
	168-0095	1	Carbon Removal Gasket Kit				Green Enamel
	412-0032	1	Cover, Canvas				

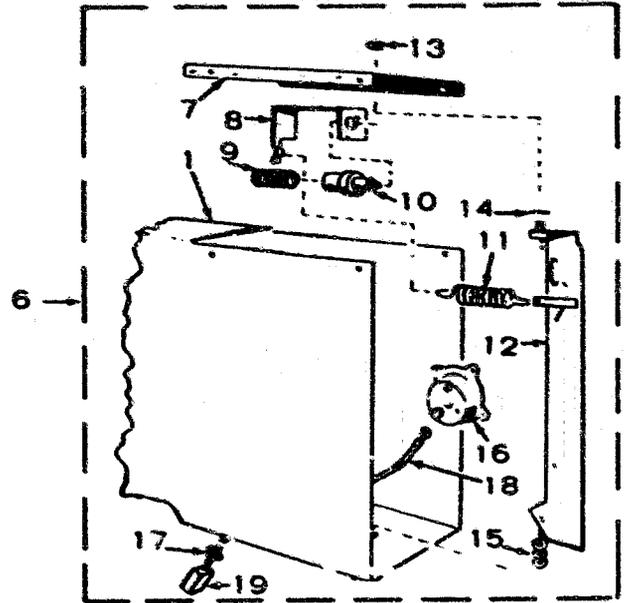
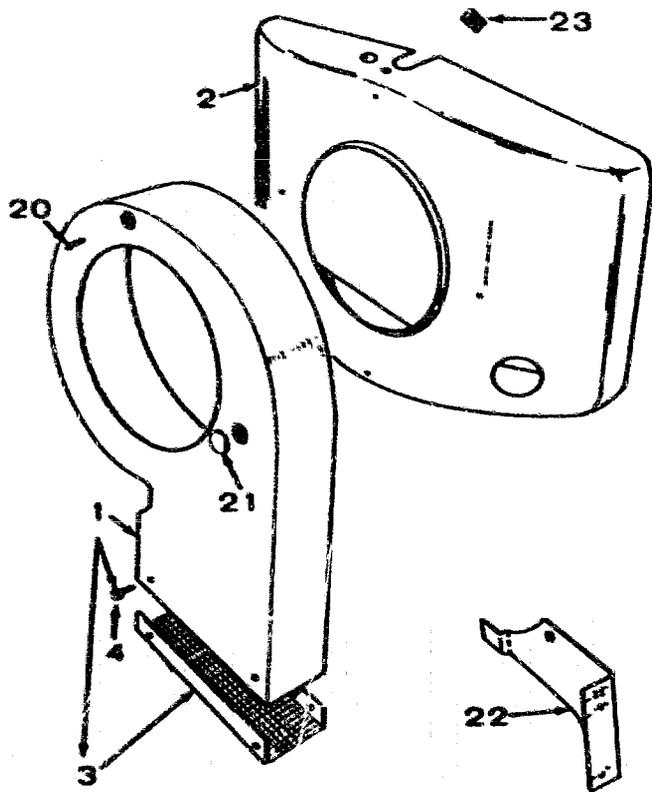
NOTE: For other Kits, refer to the Group for the part in question.

OPTIONAL EQUIPMENT SECTION

This section contains parts listing of factory installed options.

NOTE: Options may not be applicable to all models; for field installations, additional parts are usually required.

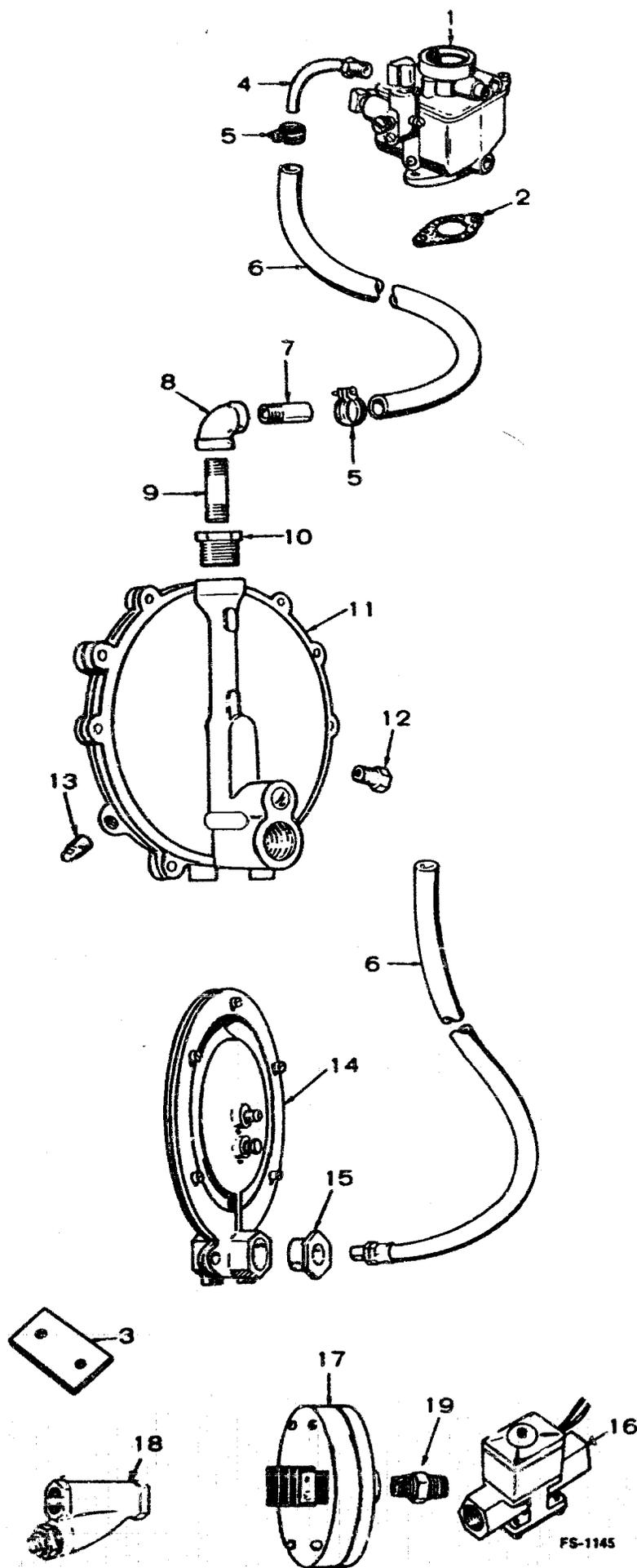
Vacu-Flo Cooling and Air Shutter - Optional
(Key 2,3,5,7)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Scroll, Air Outlet Sets Without Air Shutter (Includes Guard)	7	134-0661	1	*Plate, Vernatherm Element Mounting
	134-3050	1	Without Rope Sheave Opening	8	134-0660	1	*Bracket, Vernatherm Element
	134-3041	1	With Rope Sheave Opening	9	134-0656	1	*Element, Vernatherm
	134-0815	1	Sets With Air Shutter *Without Rope Sheave Opening	10	309-0085	1	*Element, Vernatherm
	134-2696	1	With Rope Sheave Opening	11	134-0658	1	*Spring, Shutter
	134-2692	1	Sets Without Guard and Without Air Shutter With High Air Temperature Cut-off	12	134-0655	1	*Shutter, Circulated Air Control
2			Housing, Blower	13	518-0074	1	*Ring, Retainer - Shutter Shaft
	134-2015	1	Sets Without Spin-on Oil Filter - Spec R	14	526-0102	1	*Washer, Flat (25/64" ID x 15/16" OD x 1/32" Thk)
	134-1572	1	Sets Without Spin-on Oil Filter - Begin Spec S	15	526-0016	3	*Washer, Flat (17/64" ID x 9/16" OD x 1/32" Thk)
	134-2102	1	Sets Without Spin-on Oil Filter - Begin Spec U	16	309-0002	1	*Switch, High Air Temperature
	134-2786	1	Sets With Spin-on Oil Filter - Spec R	17	508-0031	1	*Grommet, Rubber - High Air Temperature Lead (11/32" Ho)
	134-2235	1	Sets With Spin-on Oil Filter - Begin Spec V	18	334-0028	1	*Lead, High Air Temperature Switch (4 Ft. Piece of Bulk Wire)
3	134-2956	1	Guard, Scroll Air Outlet	19	332-0556	1	*Connector, Quick Disconnect Screw, Lock Head (Flange)
4	815-0421	4	Screw, Tapping - Hex Head With ET (#10-16 x 1/2")	20	821-0010	3	Spec R, U (1/4-20 x 1/2")
5	517-0035	1	Plug, Dot Button - Timing Hole (1-1/16")		821-0008	4	Begin Spec V (1/4-20 x 5/11)
6	134-0816	1	Shutter Assembly, Air (Includes Parts Marked *)	21	517-0021	2	Plug, Dot Button
				22	166-0519	1	Bracket, Timing
				23	870-0110	4	Nut, Speed Grip (1/4-20)

* - Parts Included in 134-0816 Air Shutter Assembly

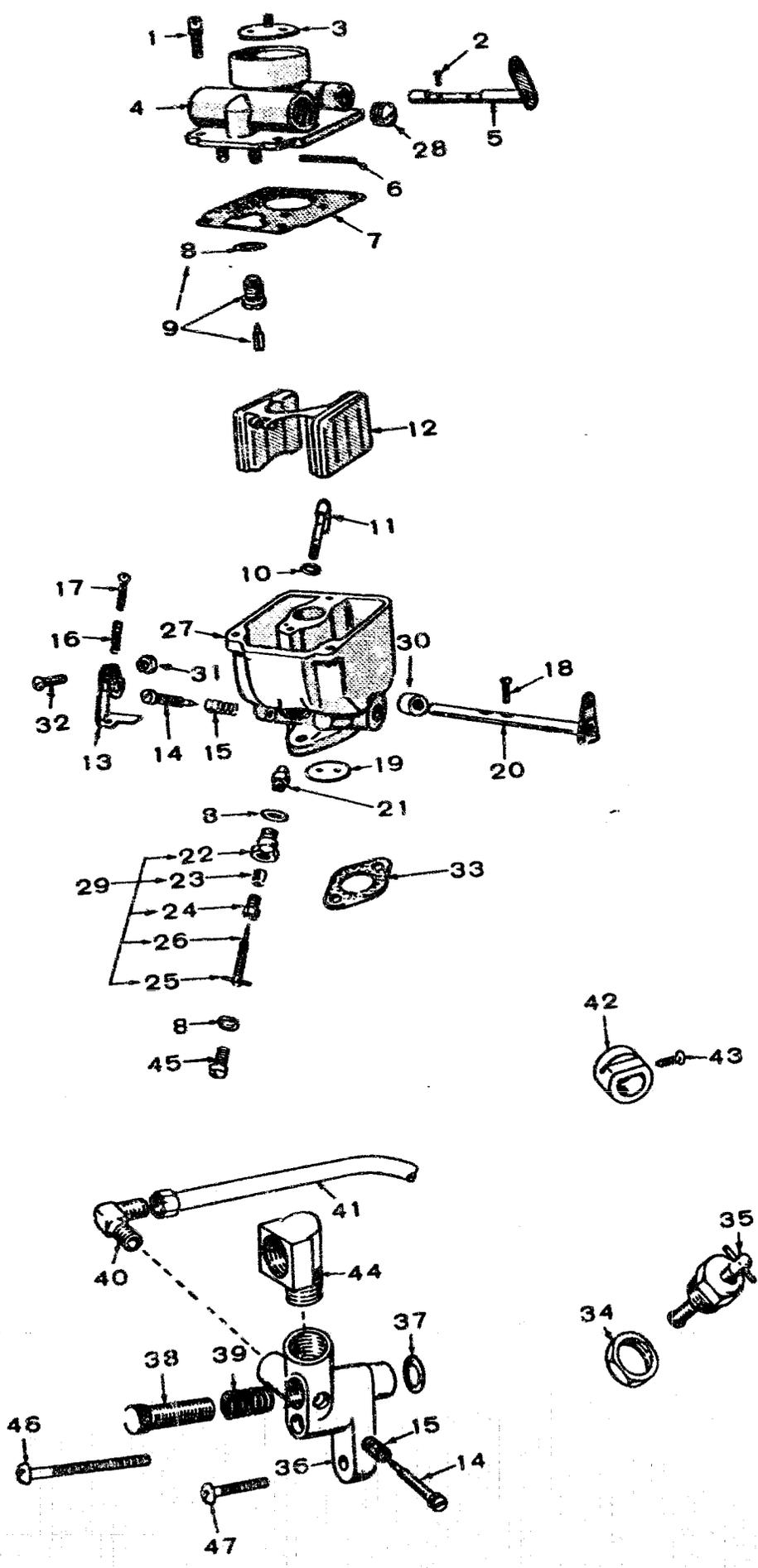
Gas and Gas-Gasoline Fuel System Optional



Gas and Gas-Gasoline Fuel System Optional

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Carburetor, Complete (Includes Mounting Gasket) (See Separate Group for Components)	8	505-0038	1	Elbow, Pipe - Female (1/4 x 90°)
			Gas-Gasoline	9	505-0099	1	Nipple, Pipe - Close (1/4" x 7/8")
	142-0616	1	Manual Choke - Key 1,4,6	10	505-0017	1	Bushing, Reducer (3/8" x 1/2")
	142-0615	1	Electric Choke - Key 2,3,5,7	11	148-0311	1	Regulator, Gas Fuel (Garret)
	142-0617	1	Gas	12	148-0107	1	Vent. Regulator
2	141-0078	1	Gasket Carburetor Mounting	13	505-0057	1	Plug, Pipe (1/8")
3	149-0136	1	Cover, Fuel Pump Hole - Gas Only Sets	14	148-0428	1	Regulator, Gas Fuel (Ensign)
4	148-0147	1	Pipe, Gas Fuel	15	505-0021	1	Bushing, Reducer (3/4" x 1/2")
5	503-0032	2	Clamp, Hose	16	307-0312	1	Valve, Solenoid - Gas Fuel
6			Line, Fuel	17	148-0367	1	Switch, Vacuum Regulator
	503-0315	1	Sets With Garretson Regulator	18	149-0558	1	Strainer, Gas Fuel
	501-0025	1	Sets With Ensign Regulator		148-0390	1	Garretson
7	505-0302	1	Nipple, Pipe - Half (1/4" x 1-1/2")	19	502-0082	1	Nipple, Hex - Vacuum Switch (1/8 x 1/8")

Carburetor Parts - Gas and Gas-Gasoline Optional

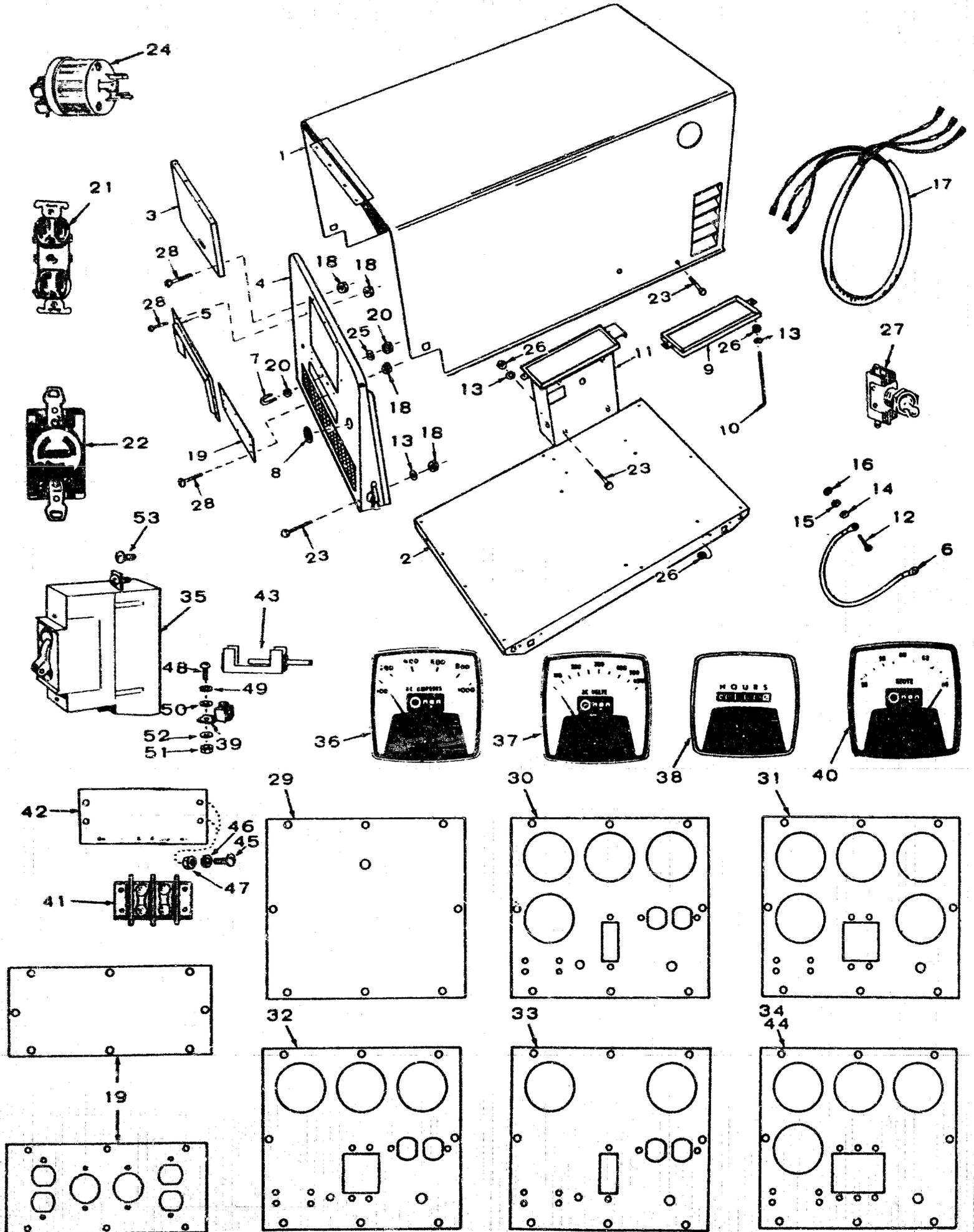


Carburetor Parts - Gas and Gas-Gasoline Optional

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Carburetor, Complete (Includes Mounting Gasket)	22	142-0046	1	Retainer, Main Adjusting Needle - Gas-Gasoline
	142-0616	1	Gas-Gasoline	23	142-0206	1	†Packing, Main Adjusting Needle - Gas-Gasoline
	142-0615	1	Manual Choke - Key 1,4,6	24	142-0045	1	Retainer, Main Adjusting Needle Packing - Gas-Gasol
	142-0617	1	Electric Choke - Key 2,3,5,7	25	516-0027	1	Pin, Main Adjusting Needle Gas-Gasoline
1			Gas	26	142-0041	1	†Needle, Main Adjusting - Gas-Gasoline
			Screw, Machine - Fillister Head	27		1	Body Assembly (Not Sold Separately)
	815-0103	1	#10-24 x 1/2"	28	505-0008	1	Plug, Pipe (1/8")
	815-0109	2	#10-24 x 5/8"	29	142-0042	1	Needle Assembly, Main Adjusting - Gas-Gasoline
2	815-0091	2	†Screw, Machine - Fillister Head With IT (#4-40 x 3/16")	30	142-0343	2	Bushing, Throttle Shaft
			Gas-Gasoline	31	870-0053	1	Nut, Hex (#10-32)
3			Fly, Choke - Gas-Gasoline	32	813-0103	1	Screw, Machine - Round Head (#10-32 x 3/4")
	142-0055	1	Key 1,4,6	33	141-0078	1	*Gasket, Carburetor Mounting
	142-0037	1	Key 2,3,5,7	34	NFS	1	Nut, Hex - Float Lock Gas-Gasoline
4	142-0205	1	Sleeve, Choke (Cover)	35	148-0135	1	Lock Assembly, Float - Gas-Gasoline
5			Shaft, Choke - Gas-Gasoline	36	148-0126	1	Adapter, Gas Fuel
	142-0217	1	Key 1,4,6	37	509-0091	1	Gasket, Adapter Mounting
	142-0183	1	Key 2,3,5,7	38	148-0131	1	Screw, Adapter Adjusting
6	142-0039	1	†Shaft, Float - Gas-Gasoline	39	148-0010	1	Spring, Adapter Adjusting
7	142-0031	1	*Gasket, Fuel Bowl	40	502-0034	1	Elbow, Male - Idle Line to Adapter
8	148-0017	2	*Gasket, (1) Float Valve Seat, (1) Main Adjusting Needle Retainer	41	149-0030	1	Line, Idle Fuel
9			Valve and Seat Assembly - Gas-Gasoline	42	148-0008	1	Lock, Choke (Gas-Gasoline) 2,3,5,7
	142-0049	1	† Sets Without Day Tank	43	518-0075	1	Screw, Choke Lock (6-32 x Gas-Gasoline - Key 2,3,5,7)
	142-0356	1	Sets With Day Tank	44	502-0074	1	Elbow, Inverted - Gas Fuel Inlet
10	142-0032	1	*Gasket Nozzle - Gas-Gasoline	45	142-0015	1	Plug, Body - Gas
11	142-0285	1	Nozzle Assembly - Gas-Gasoline	46	812-0088	1	Screw, Machine - Round Head (#8-32 x 1-3/4")
12	142-0361	1	Float and Lever Assembly - Gas-Gasoline	47	812-0125	1	Screw, Machine - Round Head (#12-24 x 1/2")
13	145-0008	1	Lever, Idle Stop		142-0033	1	†Kit, Gasket (Includes Parts Marked *)
14			Needle, Idle Adjusting		142-0371	1	Kit, Repair (Includes Parts Marked †) - Gas-Gasoline
	142-0040	2	† Gas-Gasoline				
	142-0040	1	Gas				
15			Spring, Idle Adjusting Needle				
	142-0282	2	Gas-Gasoline				
	142-0282	1	Gas				
16	142-0035	1	Spring, Throttle Stop Adjusting Screw				
17	812-0063	1	Screw, Machine - Round Head (#6-32 x 1/2")				
18	815-0072	2	†Screw, Machine - Oval Head (#4-40 x 1/4")				
19	142-0369	1	Fly, Throttle				
20	142-0368	1	†Shaft, Throttle				
21	142-0368	1	Nut and Jet, Nozzle - Gas-Gasoline				

* - Parts Included in 142-0033 Gasket Kit.
† - Parts Included in 142-0371 Repair Kit.

Housing and Meter Panel Optional - Key 2,3,5,7

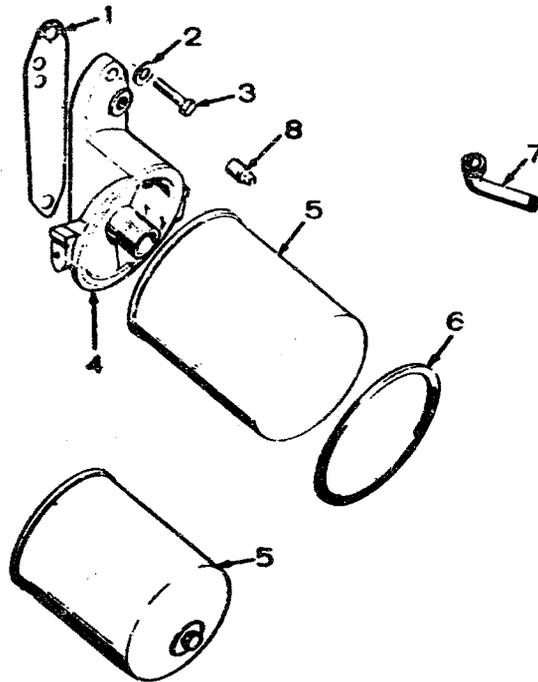


Housing and Meter Panel Optional - Key 2,3,5,7

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Housing and Meter Panel - Optional (Includes Parts Marked *)	29	301-1385	1	Panel, Control - Sets Without Meters
	405-2251	1	Begin Spec R - Without Receptacle	30	301-2045	1	Panel, Meter - 4 Meter
	405-2254	1	Begin Spec R - With Receptacle	31	301-3114	1	Panel, Meter - 5 Meter
			Housing Without Meter Panel - Optional (Includes Parts Marked †)	32	301-1380	1	Panel, Meter - 3 Meter
	405-2252	1	Begin Spec R - Without Receptacle	33	301-1379	1	Panel, Meter - 2 Meter
	405-2253	1	Begin Spec R - With Receptacle	34	301-1381	1	Panel, Meter - 4 Meter
				35			Breaker, Circuit
					320-0257	1	12 Ampere - 120/240 Volt
					320-0002	1	15 Ampere - 120 VAC
					320-0170	1	18 Ampere - 120 VAC
					320-0018	1	20 Ampere - 120 VAC
					320-0019	2	25 Ampere - 120 VAC
					320-0020	1	35 Ampere - 120 VAC
1	405-1001	1	†*Cover, Hinged - Sides and Top		320-0052	1	50 Ampere - 120 VAC
2	403-0358	1	†*Skid, Mounting		320-0482	1	6 Ampere - 480 VAC
3	301-1378	1	†*Cover, Instrument Panel	36			Ammeter - AC (Select According to Scale)
4			Panel, Housing - Rear				Scale Reads 0-20 Ampere
	405-2147	1	†*Sets Without Receptacle Panel		302-0460	1	Scale Reads 0-30 Ampere
	405-1000	1	†*Sets With Receptacle Panel		302-0418	1	Scale Reads 0-35 Ampere
5	405-1035	1	†*Shield, Rain		302-0444	1	Scale Reads 0-50 Ampere
6	405-1134	2	†*Cord, Door Stop		302-0419	1	Scale Reads 0-10 Ampere
7	405-0992	1	†*Bolt, U		302-0445	1	Voltmeter - AC (Select According to Scale)
8	508-0001	1	†*Grommet, Rubber (1-1/16" Hole)	37			Scale Reads 0-150 Volt
9			Frame, Battery Hold-Down				Scale Reads 0-300 Volt
	416-0612	1	†* Spec R		302-0420	1	Scale Reads 0-500 Volt
	416-0710	1	Begin Spec V		302-0421	1	Meter, Running Time
10			Stud, Battery Hold-Down		302-0612	1	120 Volt, 50 Hertz
	416-0541	2	†* Spec R	38			120 Volt, 60 Hertz
	416-0718	2	Begin Spec V		302-0468	1	240 Volt, 50 Hertz
11			Tray, Battery		302-0465	1	Terminal, Lug - Meter Panel
	416-0638	1	†* Spec R		302-0469	1	Meter, Frequency
	416-0709	1	Begin Spec V	39	332-0142	1	50 Hertz, 120 Volt
12	800-0005	2	†*Screw, Cap - Hex Head (1/4-20 x 3/4")	40			50 Hertz, 240 Volt
13	526-0115	9	†*Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)		302-0234	1	60 Hertz, 120 Volt
14	526-0130	2	†*Washer, Flat (17/64" ID x 1" OD x 1/16" Thk)	41	302-0256	1	Block, Terminal
15	870-0212	2	†*Nut, Hex - Self-locking (1/4-20)		302-0213	1	2 Place
					332-0231	1	3 Place
				42	332-0236	1	Strip, Marker
16	870-0065	2	†*Nut, Hex - Huglock (1/4-20)		332-0237	1	2 Place Terminal Block
17	338-0520	1	Harness, Start-Stop Switch		332-0238	1	3 Place Terminal Block
18	870-0131	20	†*Nut, Hex Washer Head (#10-32)	43	320-0202	1	Tie, Circuit Breaker Handle (Includes Pin)
19			Panel, Receptacle				Panel, Meter
	301-1388	1	Sets With Receptacles	44	301-3206	1	Screw, Machine - Round Head (#6-32 x 3/4")
	301-1386	1	Sets Without Receptacles (Blank)	45	812-0066	4	Washer, Lock - ET (#6)
20	862-0001	4	†*Nut, Hex (1/4"-20)	46	853-0003	4	Nut, Hex (#6-32)
21			Receptacle, Duplex	47	860-0006	4	Screw, Machine - Round Head (1/4-20 x 1-1/4")
	323-0283	1	120 Volt (15 Amp)	48	810-0155	1	Washer, Lock - IT (1/4")
	323-0213	1	240 Volt (15 Amp)				Washer, Lock - EIT (1/4")
22	323-0856	1	Receptacle, Twistlock (20 Amp, 120/240 Volt)	49	854-0014	2	Nut, Hex (1/4-20)
23	800-0026	12	†*Screw, Cap - Hex Head (5/16-18 x 3/4")	50	856-0006	2	Washer, Flat (17/64" ID x 9/16" OD x 1/32" Thk)
24	323-0857	1	Plug, Twistlock Receptacle	51	871-0015	2	Screw, Machine - Round Head
25	850-0040	2	†*Washer, Lock Spring (1/4")	52	526-0052	1	Circuit Breaker to Meter Panel (#8-32 x 3/8")
26	870-0257	14	†*Nut, Flange - Hex Washer Head (5/16-18)	53	812-0077	12	
27	308-0154	1	Switch, Start-Stop				
28	813-0098	20	†*Screw, Machine - Round Head (#10-32 x 3/8")				

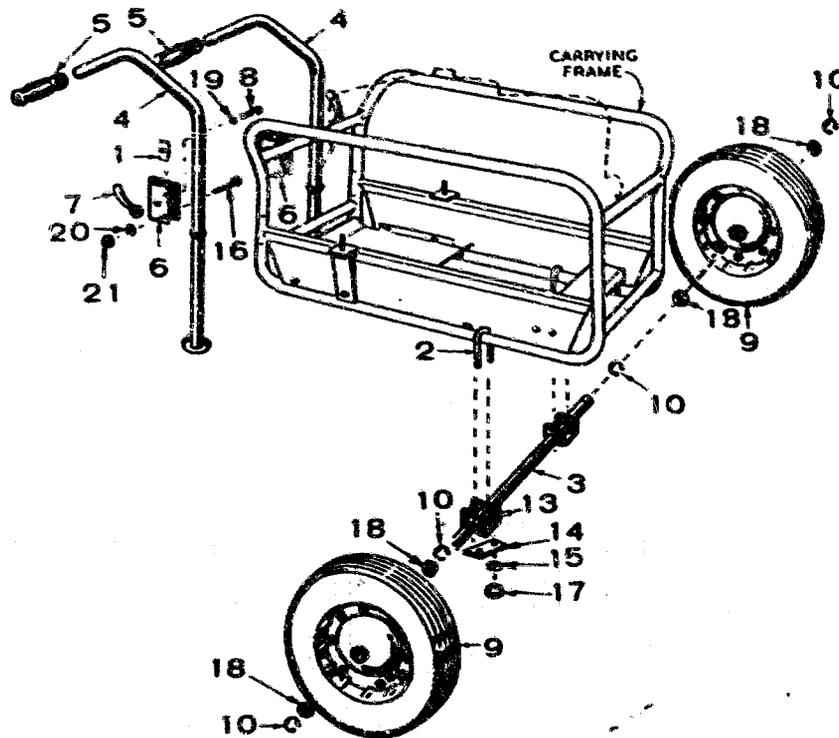
* - Parts Included in Housing Kit (with Meter Panel)
† - Parts Included in Housing Kit (W/O Meter Panel)

Spin-on Oil Filter Optional



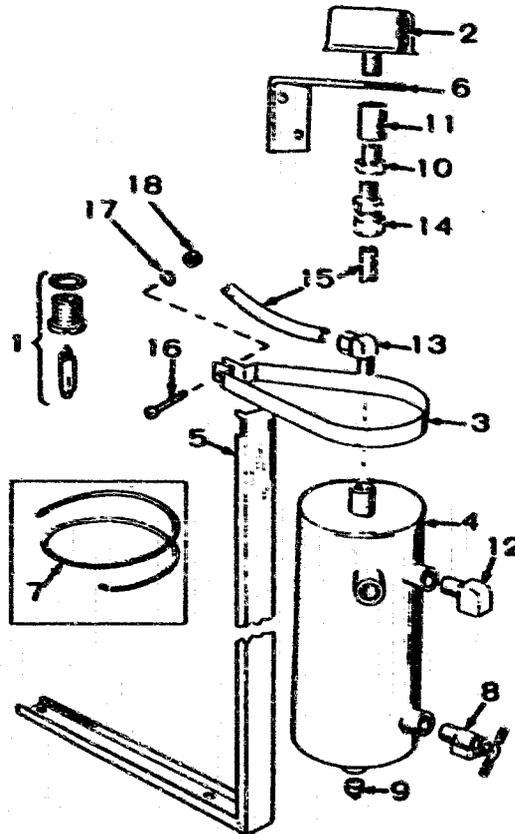
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	122-0321	1	Gasket, Adapter	5		1	Filter, Spin-on
2	526-0065	2	Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16" Thk)	122-0323		1	Without Hex Nut
3	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")	122-0406		1	With Hex Nut
4	122-0320	1	Adapter, Filter	6	122-0347	1	Seal, Air
				7	122-0345	1	Tube, Oil Drain
				8	505-0057	1	Plug, Pipe (1/8")

Dolly Optional - Key 1,4,6



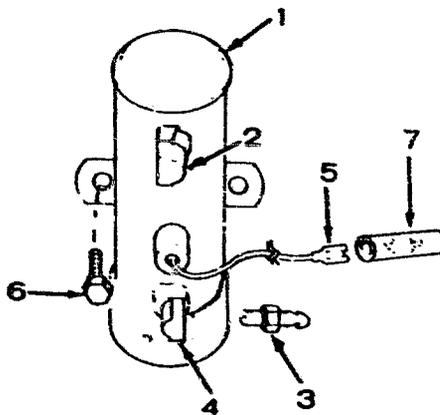
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	410-0235	1	Dolly Assembly (Complete)	13	410-0283	2	Support, Axle
1	410-0238	2	Lock, Handle	14	410-0284	2	Plate, Axle Support
2	410-0148	2	Bolt, U	15	850-0050	4	Washer, Lock - Spring (3/8")
3	410-0233	1	Axle, Dolly	16	800-0032	4	Screw, Cap - Hex Head (5/16-18 x 1-3/4")
4	410-0147	2	Handle, Dolly	17	860-0017	4	Nut, Hex (3/8-16)
5	403-0205	2	Grip, Handle	18	526-0081	4	Washer, Flat (1-1/64" ID x 1-5/8" OD x 1/8" Thk)
6	410-0179	2	Channels, U	19	854-0020	2	Washer, Lock - IT (3/8")
7	406-0062	2	Nut, Handle	20	850-0045	4	Washer, Lock - Spring (5/16")
8	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1-1/2")	21	862-0015	4	Nut, Hex (5/16-18)
9	410-0236	2	Tire and Wheel Assembly (4.00 x 16)				
10	518-0130	4	Ring, Retaining - External (63/64")				

Reservoir (Day) Tank Optional



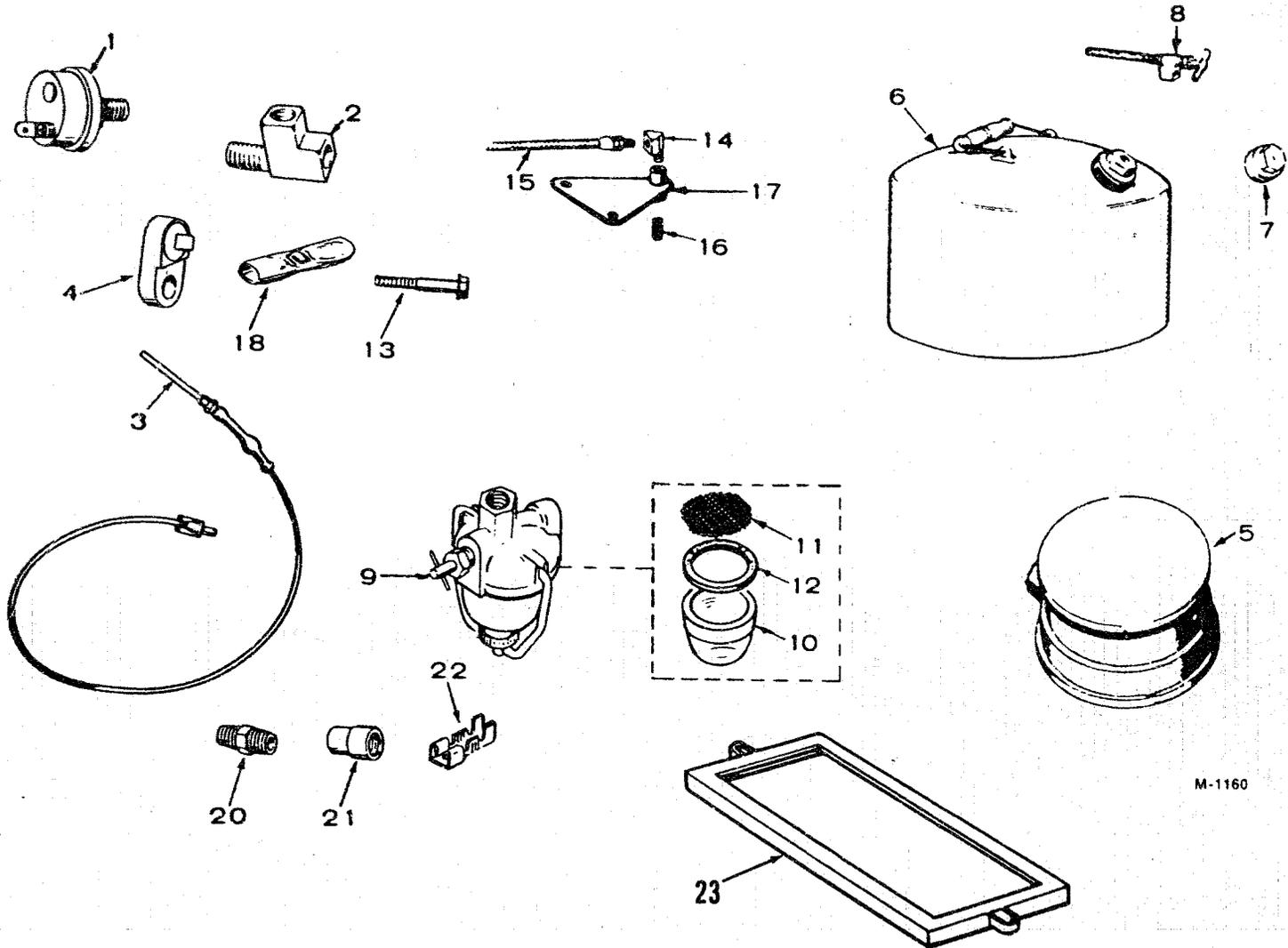
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Tank Kit, Reservoir (Day)	8	504-0086	1	Valve, Shut-Off
	159-0591	1	One Quart	9	505-0057	1	Plug, Pipe - Socket Head (1
	159-0942	1	Two Quart	10	505-0016	1	Bushing, Pipe - Reducer
1	142-0356	1	Valve, Fuel - Carburetor Fuel				(3/8" x 1/8")
			Inlet	11	505-0028	1	Coupling, Pipe (3/8")
2	159-0041	1	Cap, Vent	12	502-0020	1	Elbow, Street (90°)
3			Band, Tank Mounting	13	502-0024	1	Elbow, Compression Male (90
	159-0556	1	One Quart	14	502-0116	1	Connector, Compression Male
	159-0936	1	Two Quart				(1/8")
4			Tank, Reservoir	15	159-0345	1	Tubing, Copper (5/16" x 12"
	159-0294	1	One Quart	16	812-0156	1	Screw, Machine - Round Head
	159-0746	1	Two Quart				(1/4-20 x 1-1/2")
5	159-0612	1	Bracket, Reservoir Tank	17	850-0040	1	Washer, Lock - Spring (1/4"
			Mounting	18	861-0011	1	Nut, Square (1/4-20)
6	415-0055	1	Bracket, Vent Cap				
7			Line, Fuel - Flexible				
	501-0005	1	12" Long				
	501-0007	1	24" Long				

Fuel Pump (Electric) Optional



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	149-1830	1	Pump, Fuel (Electric)	5	332-0529	2	Terminal, Fuel Pump Lead
2	502-0002	1	Elbow, Inverted Male	6	821-0008	2	Screw, Cap - Self-locking (1/4-20 x 5/16" Lg)
3	502-0395	1	Connector, Hose	7	332-0556	1	Connector, Fuel Pump Lead
4	502-0196	1	Elbow, Street (90°)				

Miscellaneous Options



M-1160

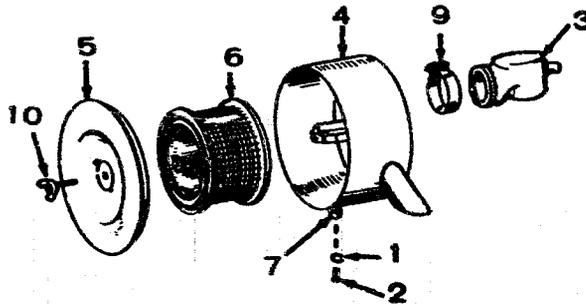
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0237	1	Switch, Low Oil Pressure	13	114-0171	1	Screw, High Air Temperature Cut-Off - Begin Spec V (Special)
2	502-0058	1	Tee, Street Pipe - Sets With Low Oil Pressure Switch	14	502-0020	1	Elbow, Street - Key 2,3,5,7
3	102-0558	1	Heater, Oil Base	15	501-0007	1	Line, Fuel - Tank to Unit (Flexible) Key 2,3,5,7
4	309-0255	1	Switch, High Air Temperature Cut-off - Begin Spec V		501-0009	1	24"
5	415-0124	1	Cap, Rain - 5 Gallon Fuel Tank		501-0027	1	36"
6	415-0126	1	Tank, Fuel - 5 Gallon (Includes Cap) - Key 2,3,5,7	16	502-0046	1	48"
7	415-0313	1	Cap, Fuel Tank - Key 2,3,5,7	17	149-1311	1	Nipple, Pipe - Close (1/8") Key 2,3,5,7
8	504-0013	1	Valve, Fuel Tank Shut-Off - Key 2,3,5,7	18	332-0556	1	Bracket, Fuel Filter - Key 2,3,5,7
9	149-0079	1	Filter, Fuel - Key 2,3,5,7	20	502-0082	1	Connector, High Air Temperature Cut-Off - Begin Spec V
10	149-0150	1	Bowl, Fuel Sediment - Key 2,3,5,7	21	502-0003	1	Nipple, Fuel Solenoid Valve
11	149-0202	1	Screen, Fuel Filter - Key 2,3,5,7	22	332-1477	2	Connector, Fuel Solenoid Valve
12	149-0149	1	Gasket, Fuel Sediment Bowl - Key 2,3,5,7	23	416-0972	1	Terminal, Fuel Solenoid Valve
						1	Frame, Holddown - Battery (Use Beginning 5-90)

SPECIAL PARTS SECTION
For 4.0CCK-3CE/ & 5.0CCK-3CE/
Contractors Models

Parts not listed in this section, refer to the standard parts groups.
 Use Key 4 for 4.0CCK and Key 6 for 5.0CCK.

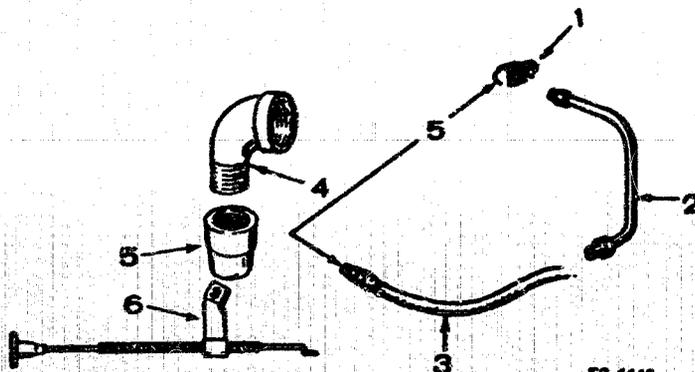
Air Cleaner

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0003	1	Washer, Lock - EIT (#10)	5	140-0538	1	Cover, Air Cleaner
2	808-0032	1	Screw, Tapping - Round Head (#10 x 1/2")	6	140-0495	1	Element, Air Cleaner
3	145-0094	1	Inlet, Carburetor Air	7	140-0596	1	Spacer, Air Cleaner Mounting
4	140-0537	1	Housing, Air Cleaner	9	503-0280	1	Clamp, Hose
				10	518-0058	1	Screw, Wing (#10-32 x 1/2")



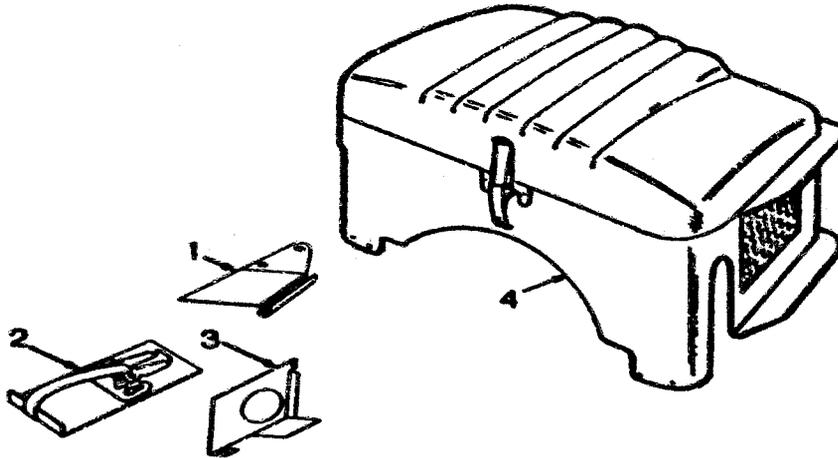
Fuel System and Exhaust

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	502-0138	1	Elbow, Fuel Pump Inlet	5	502-0137	1	Connector, Male - Line to Tank Elbow (1/4")
2	149-0775	1	Line, Fuel Pump to Carburetor	6	149-0271	1	Primer Assembly, Fuel Pump (with Bracket) - Begin Spec V
3	501-0153	1	Line, Fuel Pump to Filter				
4	505-0003	1	Elbow, Street - Exhaust (1" x 90°)				



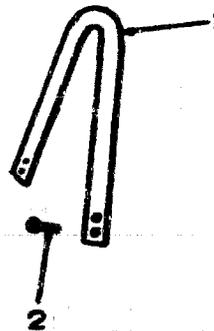
Air Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-1663	1	Support. Hood	3	134-1144	1	Baffle, Fuel Pump Air
2	134-1469	2	Fastener. Hood	4	405-1662	1	Hood, Engine

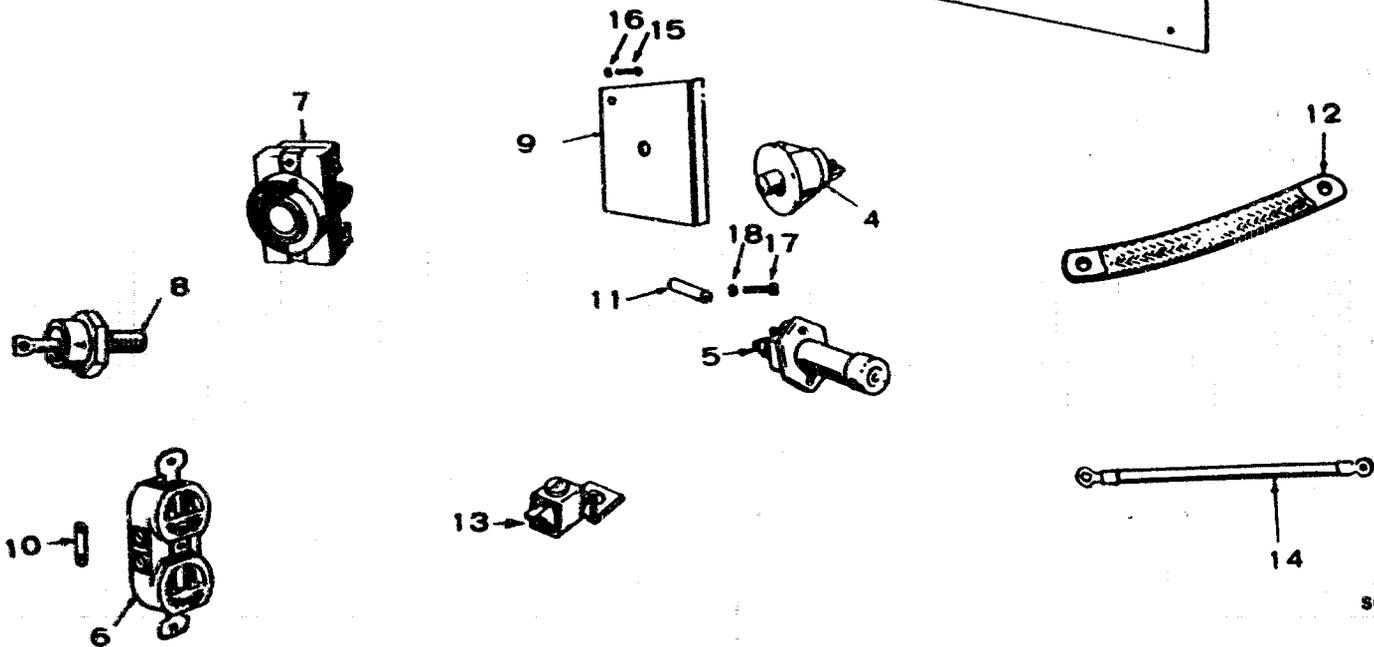
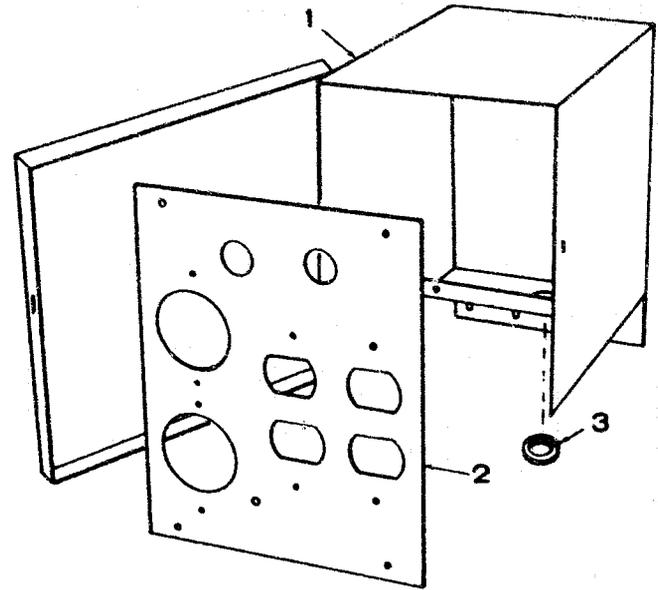


Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-1248	1	Bracket, Lifting	2	815-0454	4	Screw, Tapping - Hex Head (5/16-18 x 1-1/4")



Control



SC-1131

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-3576	1	Box, Control	11	301-3591	2	Spacer, Start Switch Mounting
2	301-3577	1	Panel, Control	12	337-0085	1	Strap, Bond - Grounding
3	508-0001	1	Grommet, Rubber (1-1/16" Hole)	13	332-0517	1	Terminal, Lug
4	313-0018	1	Switch, Stop	14	416-0657	1	Cable, Battery - Positive (7-1/2")
5	308-0028	1	Switch, Start	15	812-0077	2	Screw, Machine - Round Head (8-32 x 3/8")
6	323-0383	2	Receptacle, Duplex (120 Volt)	16	853-0005	2	Washer, Lock - ET (#8)
7	323-0855	2	Receptacle, Twistlock (240 Volt)	17	800-0013	2	Screw, Cap - Hex Head (1/4-20 x 2-1/2")
8	305-0235	1	Rectifier	18	850-0040	2	Washer, Lock (1/4")
9	305-0254	1	Bracket, Rectifier				
10	332-1695	2	Jumper				

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