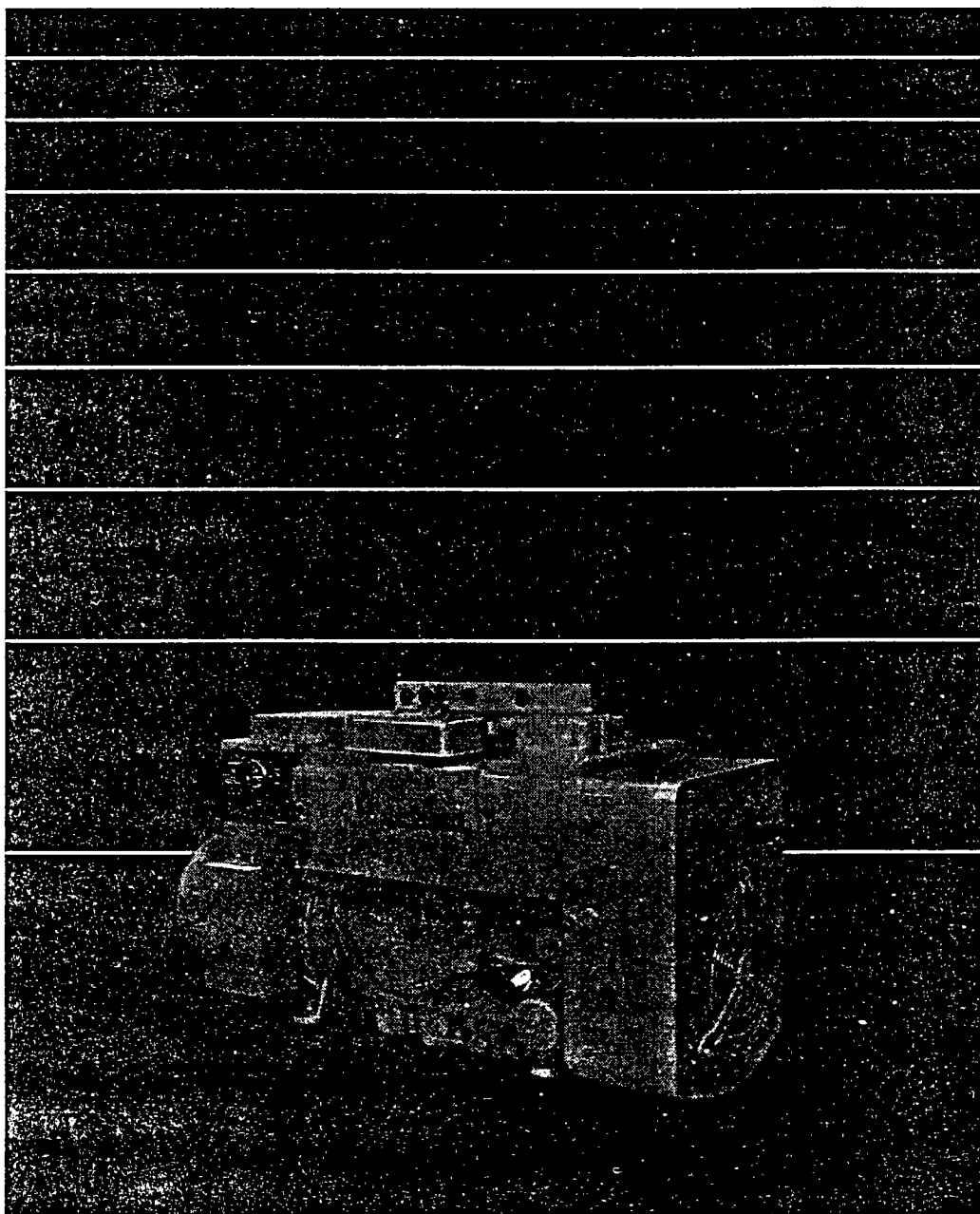


The following catalog
has gaps in its page
numbers, or doesn't
have any numbers.
We have chosen to
leave the page
numbering in the
order that Acrobat
assigns it.



Parts Catalog

JB GENERATOR SET



Printed U.S.A.

967-0223 (Spec A-AD) 9-89
Replaces (Spec A-AD) 6-83

Supplement: 967-2003
Date: 10-94
Insert With-
Title: "J" Series Gas/Gasoline Parts Catalog
Spec Advance
Number: As Listed Below

This Supplementary Parts List Spec advances specific "J" series gas/gasoline generator sets as shown:

"J" Series Models	New Spec Advance Letter	Catalog Number
JB Generator Spec AD to	E	967-0223
JC Generator Spec AB to	C	967-0220

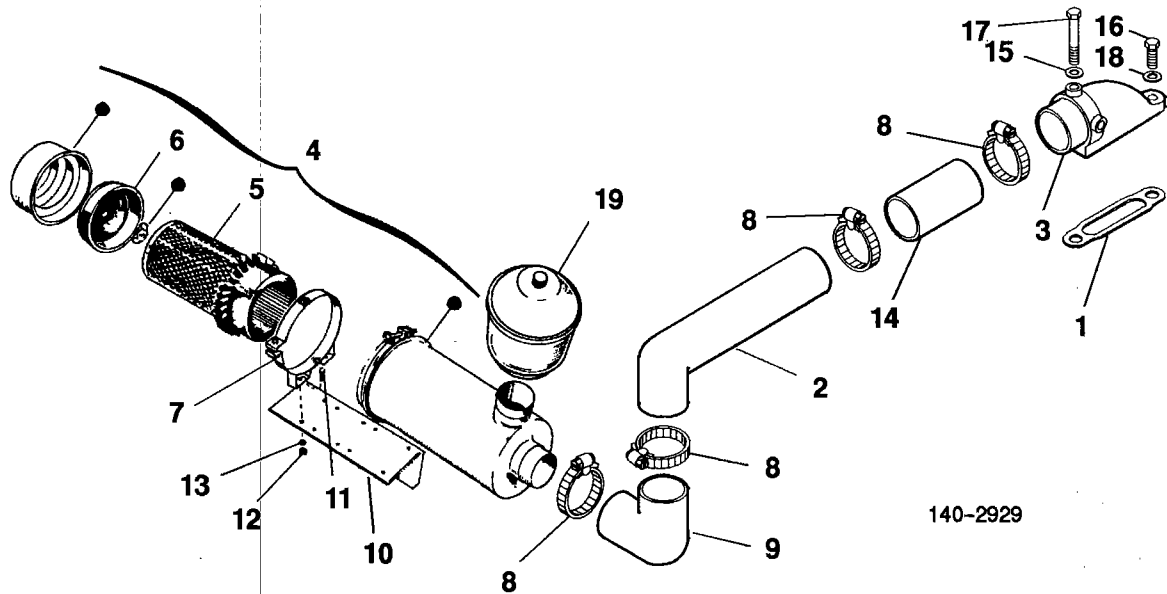
(The former JC model letter designation is now being changed to new model letter designations beginning with the Spec advance to letter C as shown above. Model JCA is a 12.5 kW, 60 hertz version and model JCB is a 12.5 kW, 50 hertz or a 15.0 kW, 60 hertz version.)

Note that these models are being Spec advanced to a single letter due to limited computer space. Models JB and JC were first manufactured in the early 1960's beginning with the single Spec letter A. The Spec letters advanced through the alphabet (A to B, B to C.....Z to AA, AA to AB, etc.) due to manufacturing changes and are now advanced to a single Spec letter as shown in the middle column above. Use caution when ordering service replacement parts for these models. Do not confuse 1994 single letter production models with 1960's single letter production models. Example: When the parts catalog lists three part number choices based on Spec letter differences such as "Spec A through H", "Spec J through S" and "Begin Spec T", use the "Spec A through H" part number for 1960's single Spec letter production and the "Begin Spec T" part number for 1994 single Spec letter production. The following may also be used as a guide: The 1960's production generator set nameplates used a number(s) and letter(s) combination (i.e.: 3CR, 4R, 18R, 53CR, 57XR, 518R, etc.) for the voltage code and is shown near the center of the complete model and Specification number (i.e.: 7.5JB-9XR/8066E). With the 1994 production generator set nameplates the voltage code is no longer used (i.e.: 7.5JB8066E). When in doubt, obtain the complete model and serial number and consult the factory.

This "J" series gas/gasoline supplement covers the change for the "J" series product line standardization program. Some low usage feature options were made obsolete and some high usage features were made standard. The following pages reflect these changes. Of special note, this supplement lists two field replacement carburetor kits that are suitable for all known JB and JC engines and generator sets. Although not part of this supplemental spec advance, these kits also apply to model RJC Spec A through AC generator sets. Carburetor kit 141-0970, as shown on page 4, is the replacement for all straight gas carburetors now in the field. This kit contains the new standardized carburetor without the autochoke plus instructions, gaskets, fittings and components to disable the choke plate for straight gas usage (a choke shaft and plate are still part of the new carburetor). Carburetor kit 141-0967, as shown on page 5, is the replacement for all straight gasoline or dual gas/gasoline carburetors now in the field. This kit contains the new standardized complete autochoke carburetor, instructions, gaskets, fittings and other applicable components.

In addition, the generator page for each catalog has an expanded parts list for the generator and rotor through studs that were not completely covered in prior issues of the parts catalogs.

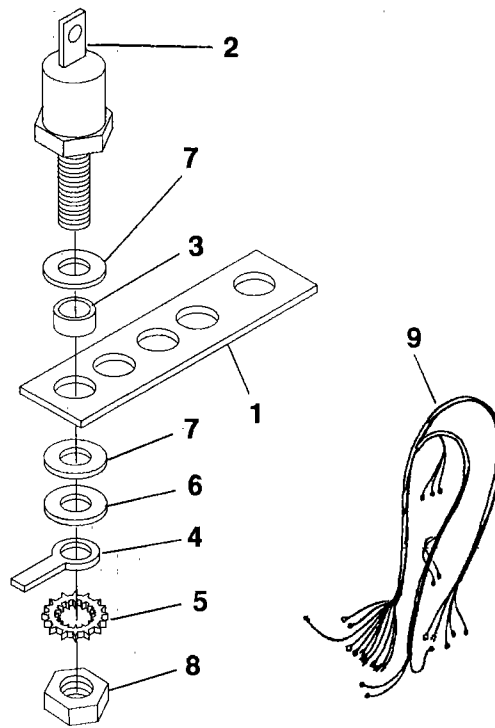
Air Cleaner Heavy Duty



140-2929

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-0584	1	Gasket	12	862-0015	4	Nut, Hex (5/16-18)
2	140-0740	1	Tube, Air Intake	13	850-0045	4	Washer, Lock - Spring (5/16")
3	140-0645	1	Adapter, Air Cleaner	14	503-0330	1	Hose, Connector
4	140-0721	1	Cleaner Assembly, Air (Includes Element and Baffle)	15	526-0018	1	Washer, Flat (1/4")
5	140-0765	1	Element	16	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
6	140-1267	1	Baffle	17	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
7	140-0722	2	Band, Air Cleaner Mounting	18	850-0040	1	Washer, Lock - Spring (1/4")
8	503-0365	4	Clamp, Hose	19	140-0723	1	Pre-Cleaner, Air Cleaner
9	503-0419	1	Elbow, Rubber - Moulded				
10	140-1271	1	Bracket, Mounting				
11	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1-1/2")				

High Air Temperature Switch

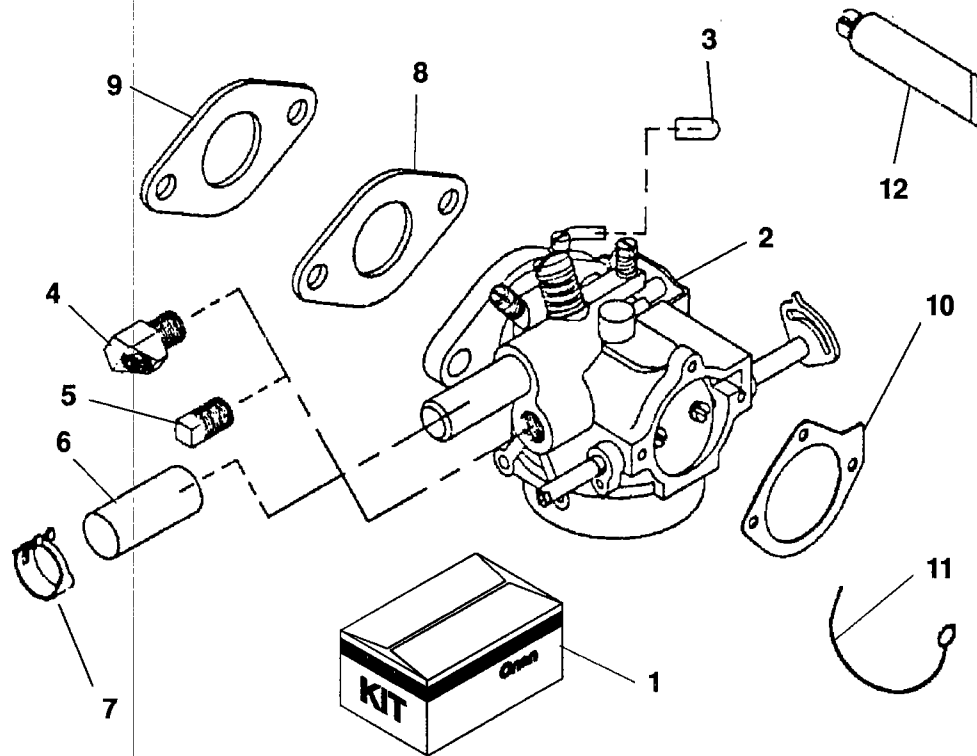


309-0644

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0195	1	Bracket, Mounting
2	309-0206	1	Switch, High Air Temperature (S5)
3	508-0127	1	Insulator, Sleeving
4	332-0876	1	Terminal, Ground

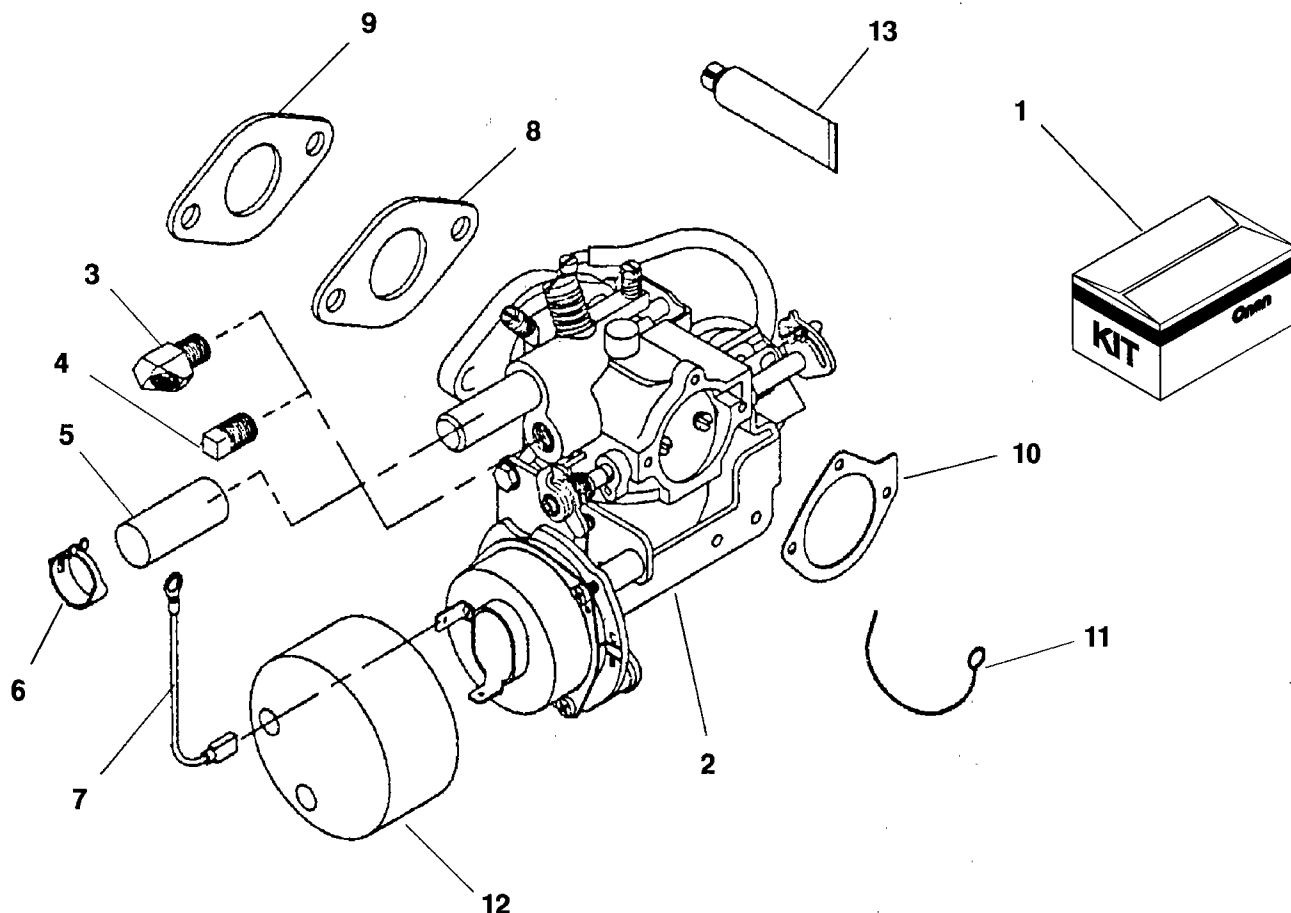
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	856-0006	1	Washer, Lock - EIT (1/4")
6	526-0021	1	Washer, Flat (1/4")
7	508-0126	4	Washer, Insulating
8	862-0001	1	Nut, Hex (1/4-20)
9	338-3197	1	Harness, Wiring - Switch (46")

Replacement Carburetor Kit
Straight Gaseous Fueled Generator Sets
JB Generators Spec A Through AD
JC Generators Spec A Through AB



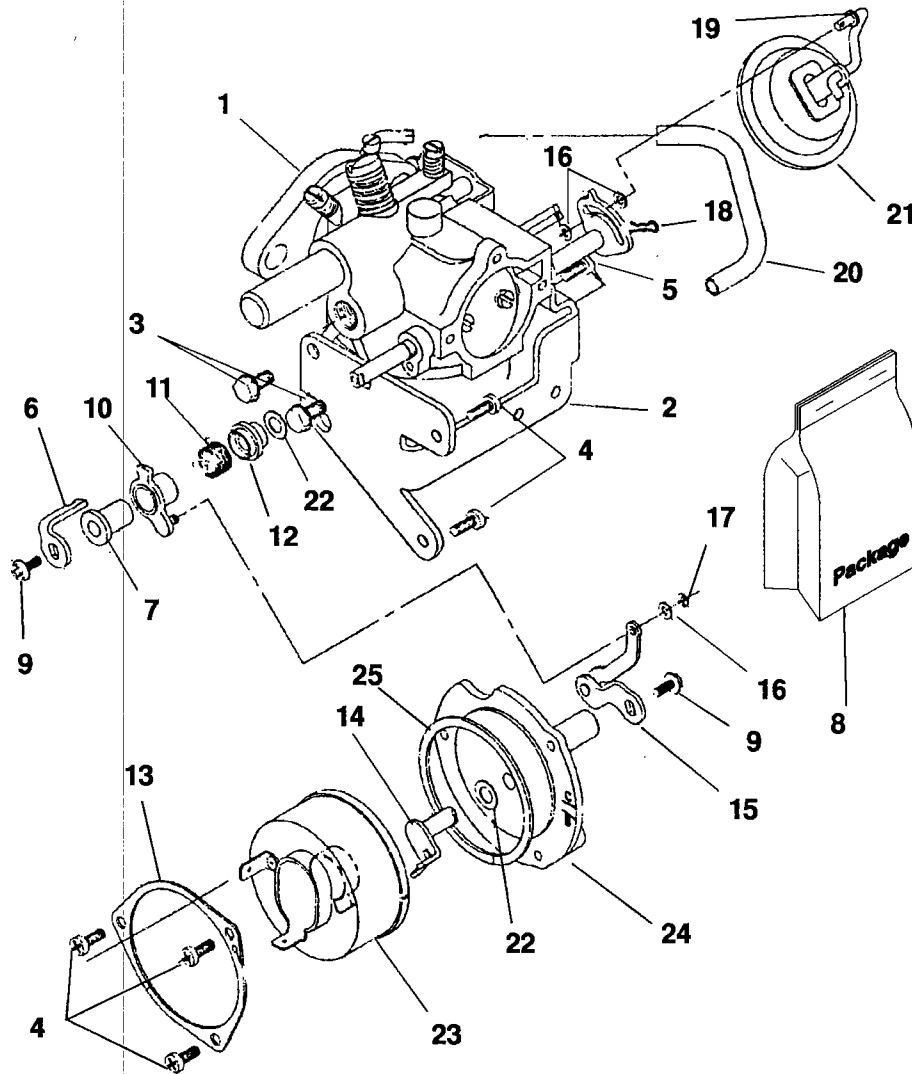
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	141-0970	1	Kit, Carburetor - Replacement - Gaseous Fuel (Includes Instruction Sheet and All Parts Listed Below)	5	517-0273	1	Plug, Pipe
2	141-0961	1	Carburetor, Gaseous Fuel (See Separate Page For Components)	6	517-0313	1	Cap, Inlet - Gas Fuel
3	517-0317	1	Cap, Vacuum Tube	7	503-1445-04	1	Clamp
4	502-0065	1	Elbow, Pipe - Brass (45 Deg)	8	154-0733	1	Gasket, Intake Manifold
				9	141-0281	1	Gasket, Carburetor Flange
				10	140-0921	1	Gasket, Carburetor Air Horn
				11	143-0231	1	Spring, Choke Lock
				12	524-0723-01	1	Tube, Repair - Zinc Plating (1/16 Fluid Oz)

Replacement Carburetor Kit
Straight Gasoline or Dual Gas/Gasoline Fueled Generator Sets
JB Generators Spec A Through AD
JC Generators Spec A Through AB



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	141-0967	1	Kit, Carburetor - Replacement - Straight Gasoline or Dual Gas/Gasoline Fuel (Includes Instruction Sheet and All Parts Listed Below)	6	503-1445-04	1	Clamp
2	141-0962-07	1	Carburetor, Straight Gasoline or Dual Gas/Gasoline Fuel (See Separate Page For Components)	7	226-4627	1	Lead (5')
3	502-0065	1	Elbow, Pipe - Brass (45 Deg)	8	154-0733	1	Gasket, Intake Manifold
4	517-0273	1	Plug, Pipe	9	141-0281	1	Gasket, Carburetor Flange
5	517-0313	1	Cap, Inlet - Gas Fuel	10	140-0921	1	Gasket, Carburetor Air Horn
				11	143-0231	1	Spring, Choke Lock
				12	153-0680	1	Cover, Insulator - Used on JB Vacu-Flo Cooled Gas/Gasoline Fueled Generator Sets
				13	524-0723-01	1	Tube, Repair - Zinc Plating (1/16 Fluid Oz)

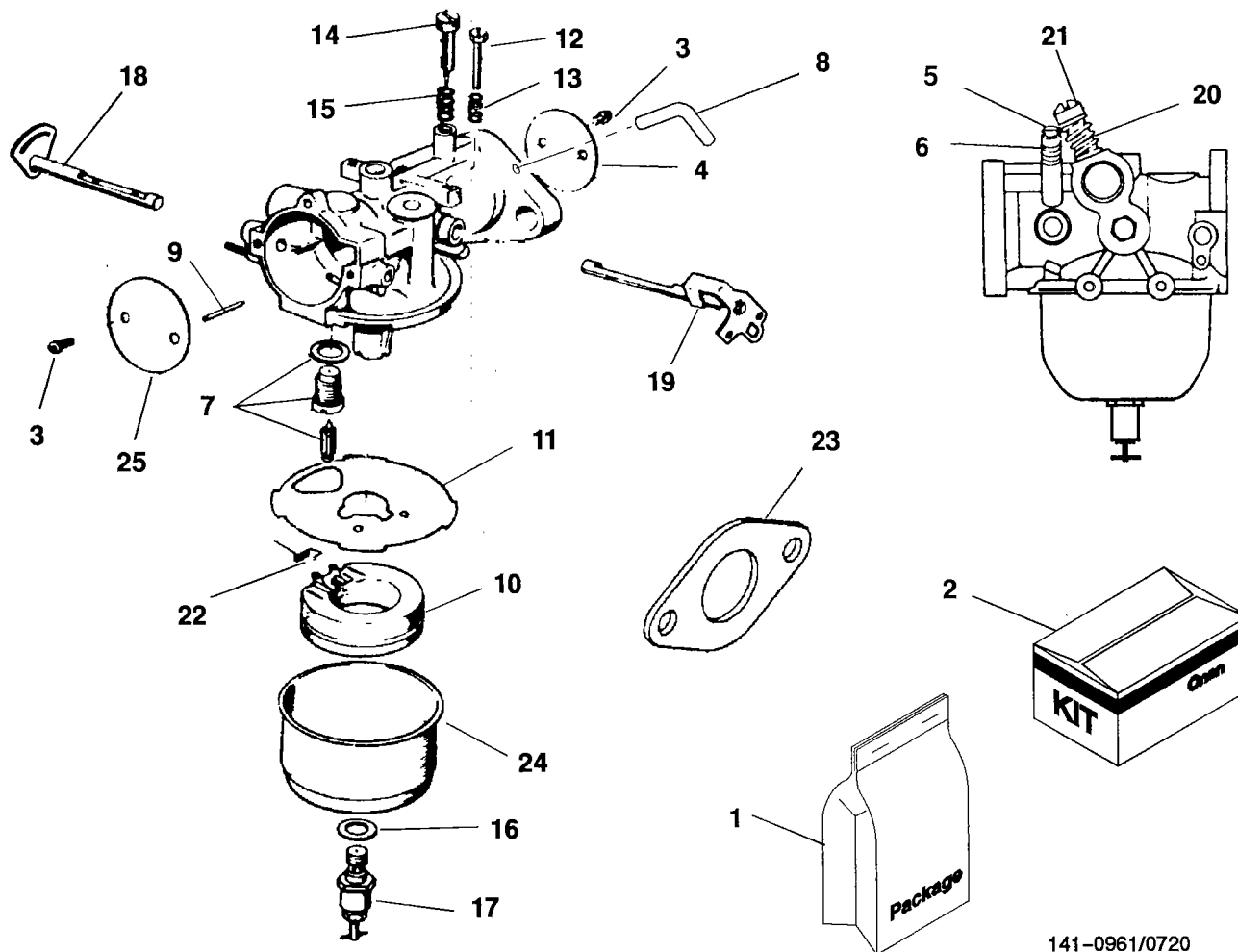
Carburetor Components **141-0962-07**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	141-0961	1	Carburetor, Replacement – Straight Gasoline or Dual Gas/ Gasoline Fuel (See Separate Page For Components)	10		1	*Lever, Choke
2	153-0667-02	1	Bracket, Choke	11		1	*Spring, Return – Choke Arm
3	815-0340	2	Screw, Self-Locking – Hex Washer Head – Thread Forming (#10-32 x 3/8")	12		1	*Collar, Choke (Plastic)
4	815-0844	5	Screw, Pan Head – Cross Recessed – Thread Forming (#8-32 x 3/8")	13		1	*Ring, Clamp
5	815-0845	1	Screw, Pan Head – Cross Recessed – Thread Forming (#6-32 x 3/8")	14		1	*Arm, Bimetal
6	153-0668-02	1	Lever, Choke	15		1	*Lever, Bimetal
7	153-0672	1	Bushing, Shaft	16		3	*Washer, Link
8	153-0677	1	Package, Choke Parts (Includes Parts Marked *)	17		1	*Clip, "E"
9		2	*Screw, Set – Lever	18		1	*Pin, Cotter
				19		1	*Rod, Choke
				20		1	*Hose, Vacuum
				21	153-0684	1	Diaphragm, Pulloff
				22	153-0670	2	Washer, Thrust
				23	153-0676	1	Cover, Bimetal
				24	146-0639	1	Backplate
				25	153-0685	1	Gasket, Bimetal

* – Parts Included in 153-0677 Choke Parts Package

Carburetor Components
141-0961
JB Generators Begin Spec E
JCA, JCB Generators Begin Spec C



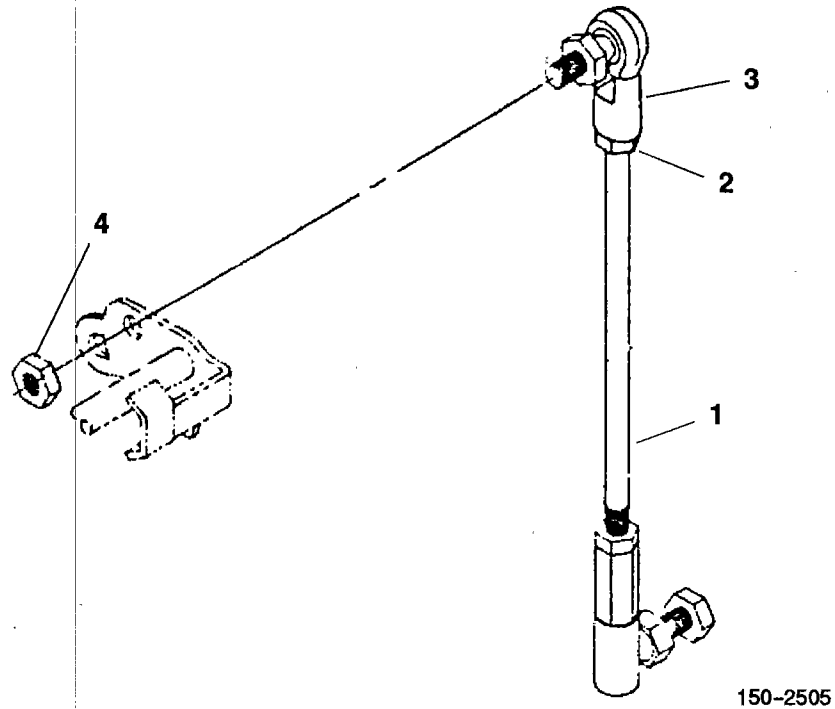
141-0961/0720

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	141-0747	1	Package, Repair (Includes Parts Marked *)	15	141-0710	1	Spring, Idle Needle - Gasoline Fuel
2	141-0748	1	Kit, Gasket (Includes Parts Marked #)	16	141-0077	1	*#Washer, Main Jet Assembly
3	141-0698	4	Screw and Washer - Choke and Throttle Plate Mounting	17	141-0942	1	Jet Assembly, Main (Adjustable)
4	141-0793	1	Plate, Throttle	18	141-0963	1	Shaft, Choke
5	141-0713	1	Needle, Idle Adjusting - Gas Fuel	19	141-0969	1	Shaft, Throttle
6	141-0710	1	Spring, Idle Needle - Gas Fuel	20	141-0733	1	Spring, Main Gas Needle
7	141-0830	1	*Seat Assembly - Fuel Valve	21	141-0734	1	Needle, Main Gas Adjusting
8	145-0693	1	Tube, Vacuum	22	141-0799	1	*Spring, Float
9	141-0703	1	*Shaft, Float	23			Gasket
10	141-0702	1	Float		141-0281	1	# Carburetor Mounting
11	141-0701	1	*#Gasket - Bowl to Body		154-0733	1	*# Intake Manifold
12	141-0700	1	Screw, Throttle Stop	24	141-0708	1	Bowl, Fuel
13	141-0711	1	Spring, Throttle Stop	25	141-0965	1	Plate, Choke
14	141-0713	1	Needle, Idle Adjusting - Gasoline Fuel				

* - Parts Included in 141-0747 Repair Package

- Parts Included in 141-0748 Gasket Kit

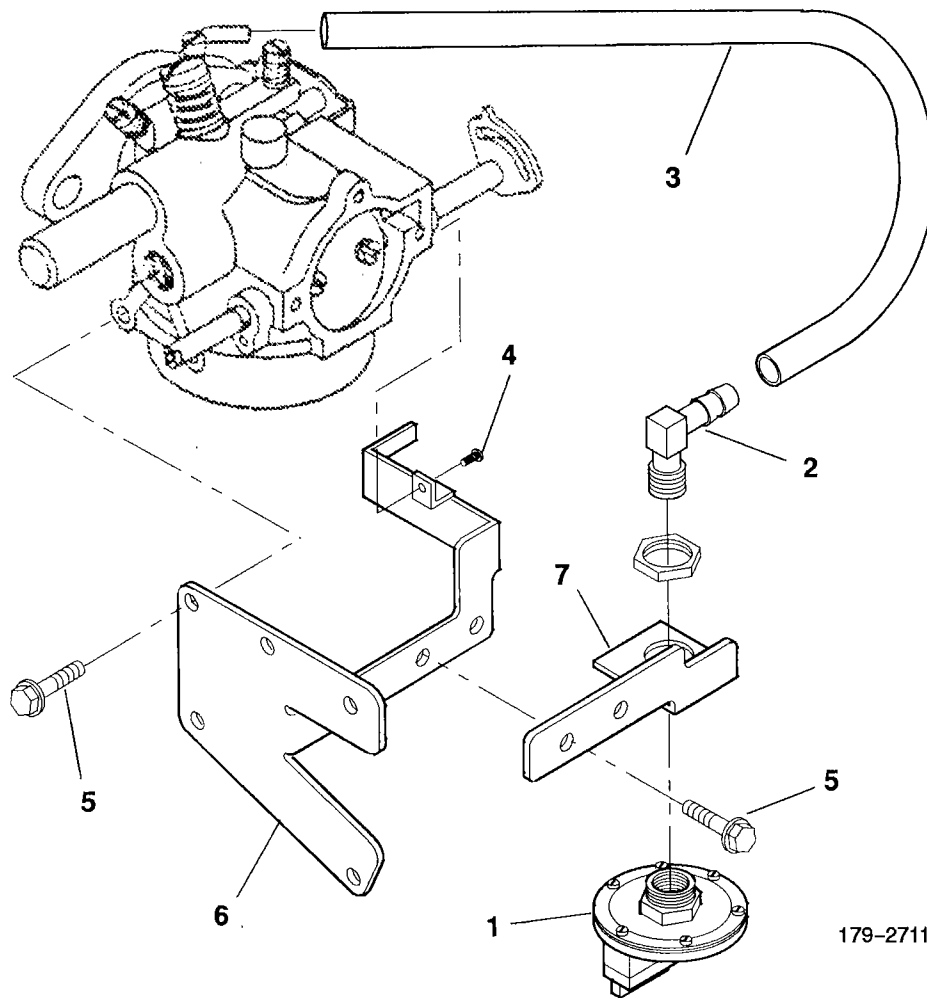
**Governor Linkage
JCA, JCB Generators Begin Spec C**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	150-2505	1	Linkage Assembly, Governor (Includes Parts Marked *)
1	150-2501	1	*Rod, Governor Control
2	870-0053	2	*Nut, Hex (#10-32)
3	150-1081	2	*Joint, Ball

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	870-0131	2	Nut, Hex - W/ET (#10-32)
* - Parts Included in 150-2505 Governor Linkage Assembly			

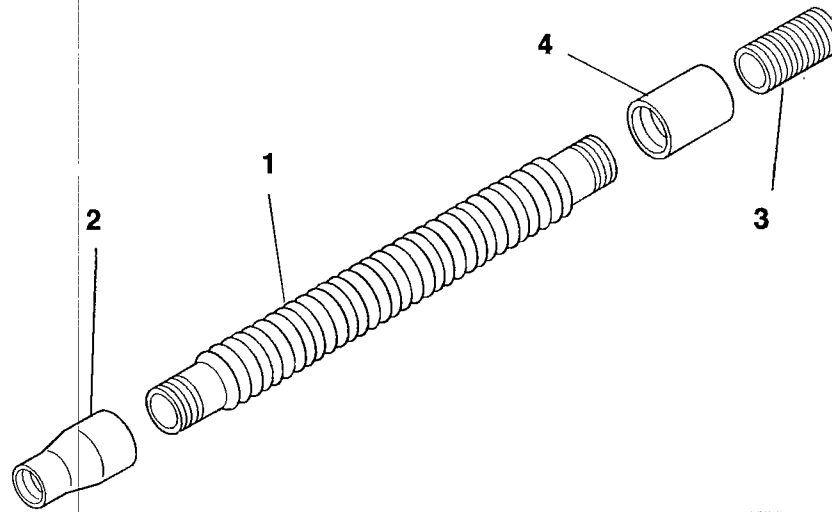
Vacuum Switch



179-2711

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0367	1	Switch, Vacuum (Includes Mounting Nut and Terminals) (S9)	5	815-0340	4	Screw, Self-Locking – Hex Washer Head – Thread Forming (#10-32 x 3/8")
2	502-0313-01	1	Elbow – 90 Deg (1/8" Pipe to 3/16" Hose)	6	153-0667-02	1	Bracket, Mounting – Choke
3	153-0677-12	1	Hose, Vacuum	7	148-1011-02	1	Bracket, Mounting – Switch
4	815-0844	1	Screw, Pan Head – Cross Recessed (#8-32 x 3/8")				

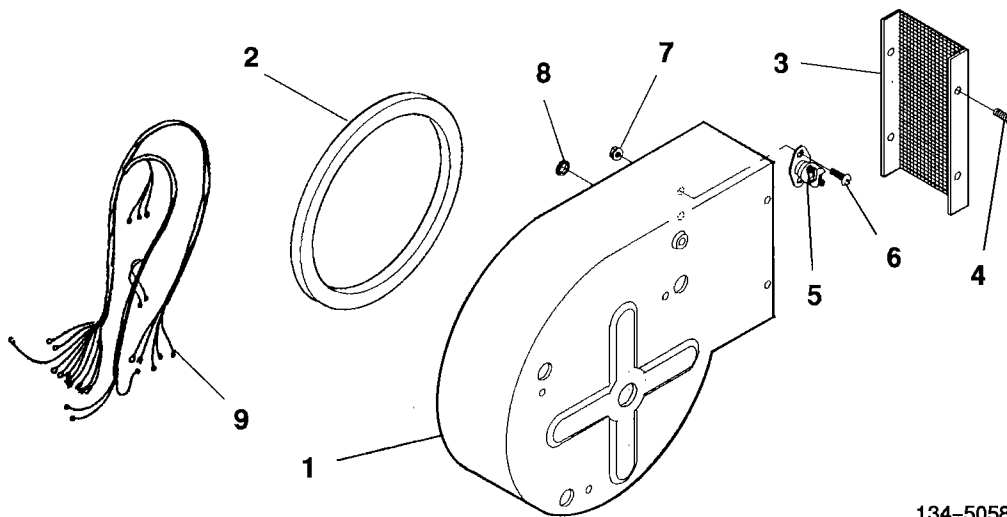
Exhaust



155-2838

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2355-13	1	Tube, Exhaust (18")	3	505-0177	1	Nipple, Close - Pipe (1-1/2")
2	505-0036	1	Coupling, Reducer - Pipe (1-1/2" to 1-1/4")	4	505-0032	1	Coupling, Pipe (1-1/2")

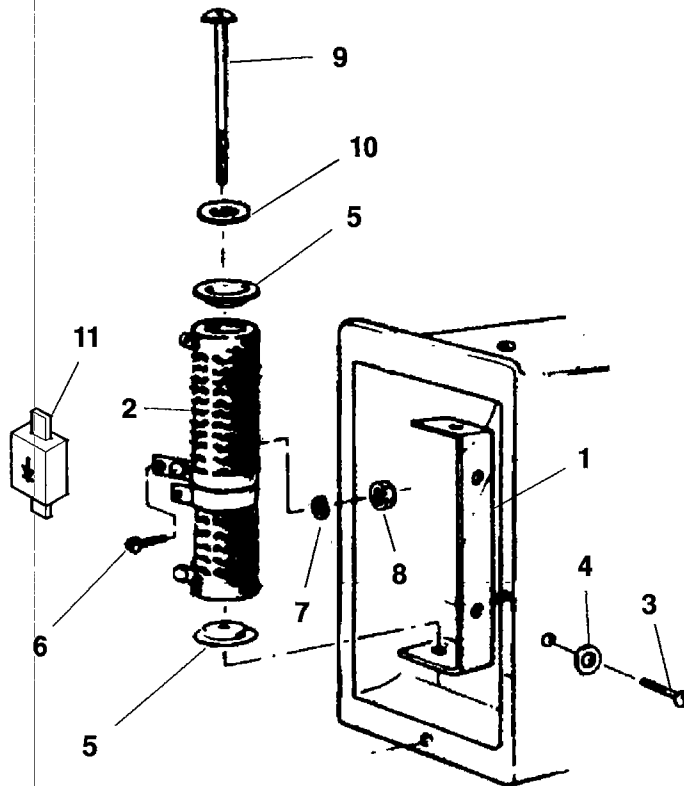
Vacu-Flo Cooling



134-5058

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-1436	1	Scroll, Blower	6	812-0076	2	Screw, Machine - Round Head (#8-32 x 5/16")
2	895-0098	-	Stripping, Seal - Bulk (3/8' Wide x 5/16" Thk) (Order by the foot - 4 feet required)	7	870-0221	2	Nut, Hex - W/ET (#8-32)
3	134-3081	1	Guard, Scroll Outlet	8	508-0002	1	Grommet (Fits 1/2" Hole)
4	815-0421	4	Screw, Sheet Metal - Hex Head W/ET (#10-16 x 1/2")	9	338-3197	1	Harness, Wiring - Switch (2 Wire, 44")
5	309-0171	1	Switch, High Air Temperature (S5)				

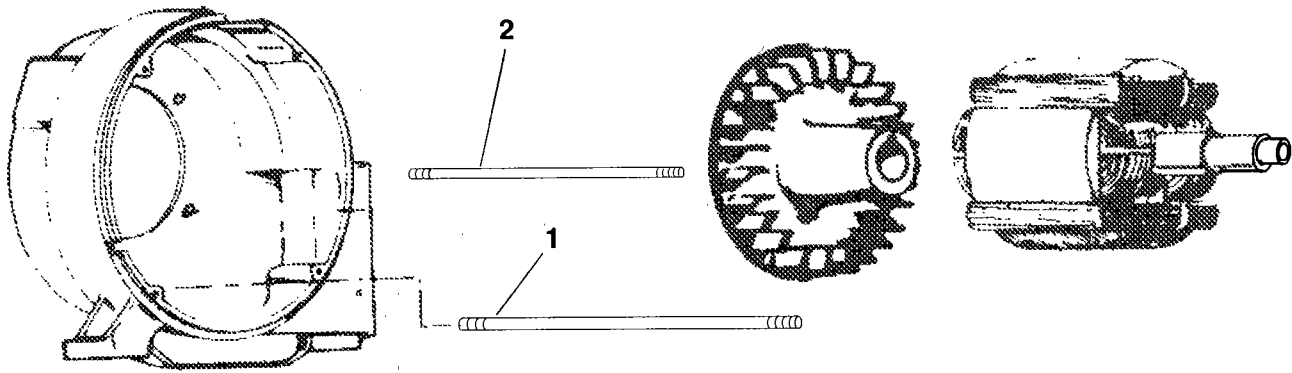
Resistor Generator Air Outlet



304-0824

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	232-2399	1	Bracket, Resistor Mounting	7	856-0003	1	Washer, Lock - EIT (#10)
2	304-0500	1	Resistor, Tapped - Adjustable (2 Ohm, 150 Watt)	8	871-0010	1	Nut, Hex - Brass (#10-32)
3	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8")	9	812-0169	1	Screw, Machine - Round Head (1/4-20 x 5-1/2")
4	850-0040	2	Washer, Lock - Spring (1/4")	10	853-0013	1	Washer, Lock - ET (1/4")
5	304-0006	2	Washer, Centering	11	357-0067	1	Rectifier (6 Amp, 400 Volt)
6	811-0098	1	Screw, Machine - Round Head (Brass) (#10-32 x 3/8")				

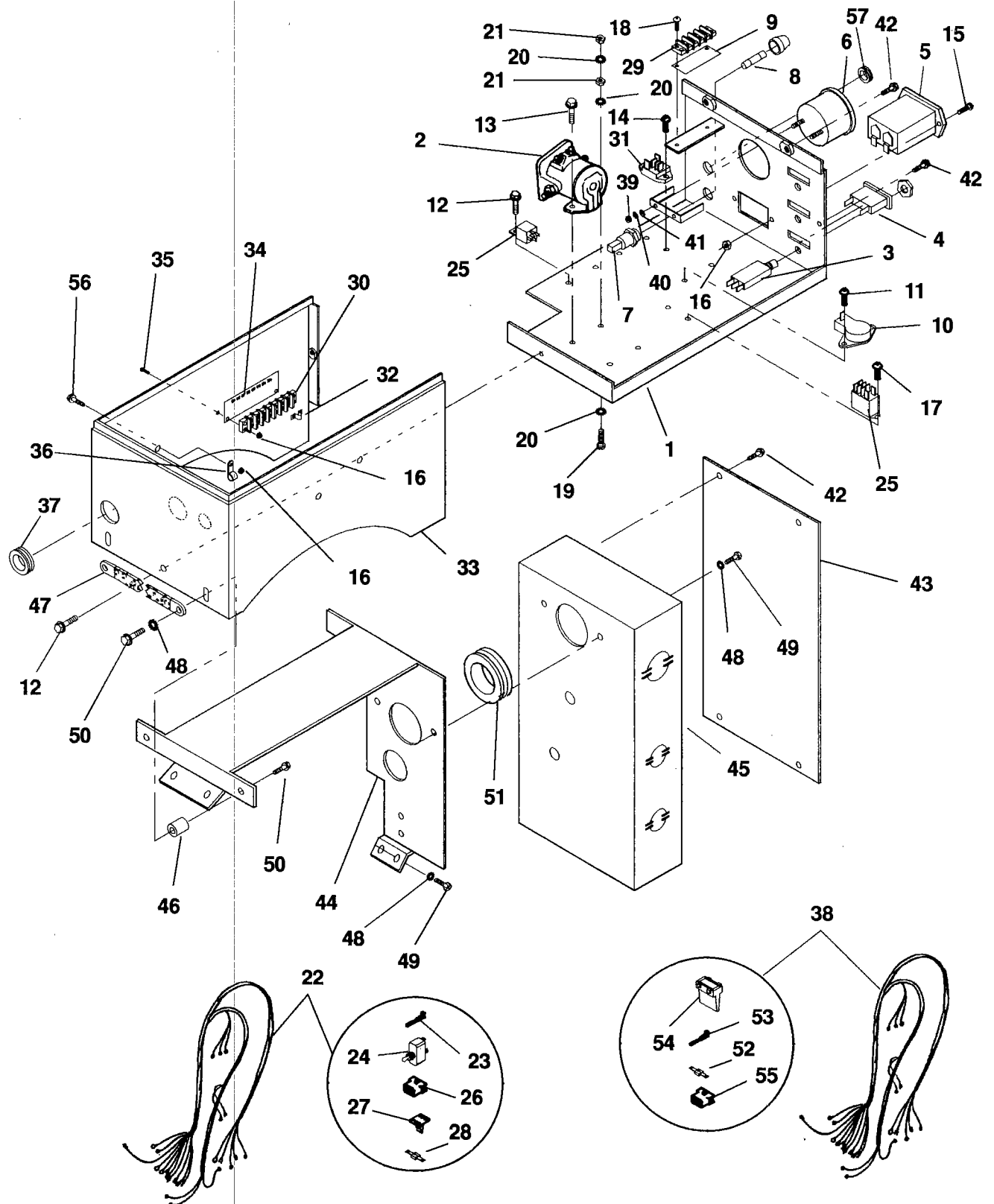
**Generator
Begin Spec AA**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Stud, Generator Through (3/8" Diameter)
			JB
	520-0795	4	8-1/4" Long
	520-0796	4	8-13/16" Long
			JC, JCA, JCB
	520-0797	4	9-15/16" Long
	520-0798	4	10-5/8" Long
	520-0799	4	11-3/8" Long
	520-0800	4	12-5/8" Long

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2			Stud, Rotor Through (7/16" Diameter)
			JB
	520-0787	1	14-1/8" Long
	520-0788	1	14-11/16" Long
			JC, JCA, JCB
	520-0789	1	15-9/16" Long
	520-0790	1	16-1/4" Long
	520-0791	1	17" Long
	520-0792	1	18-1/4" Long

Control

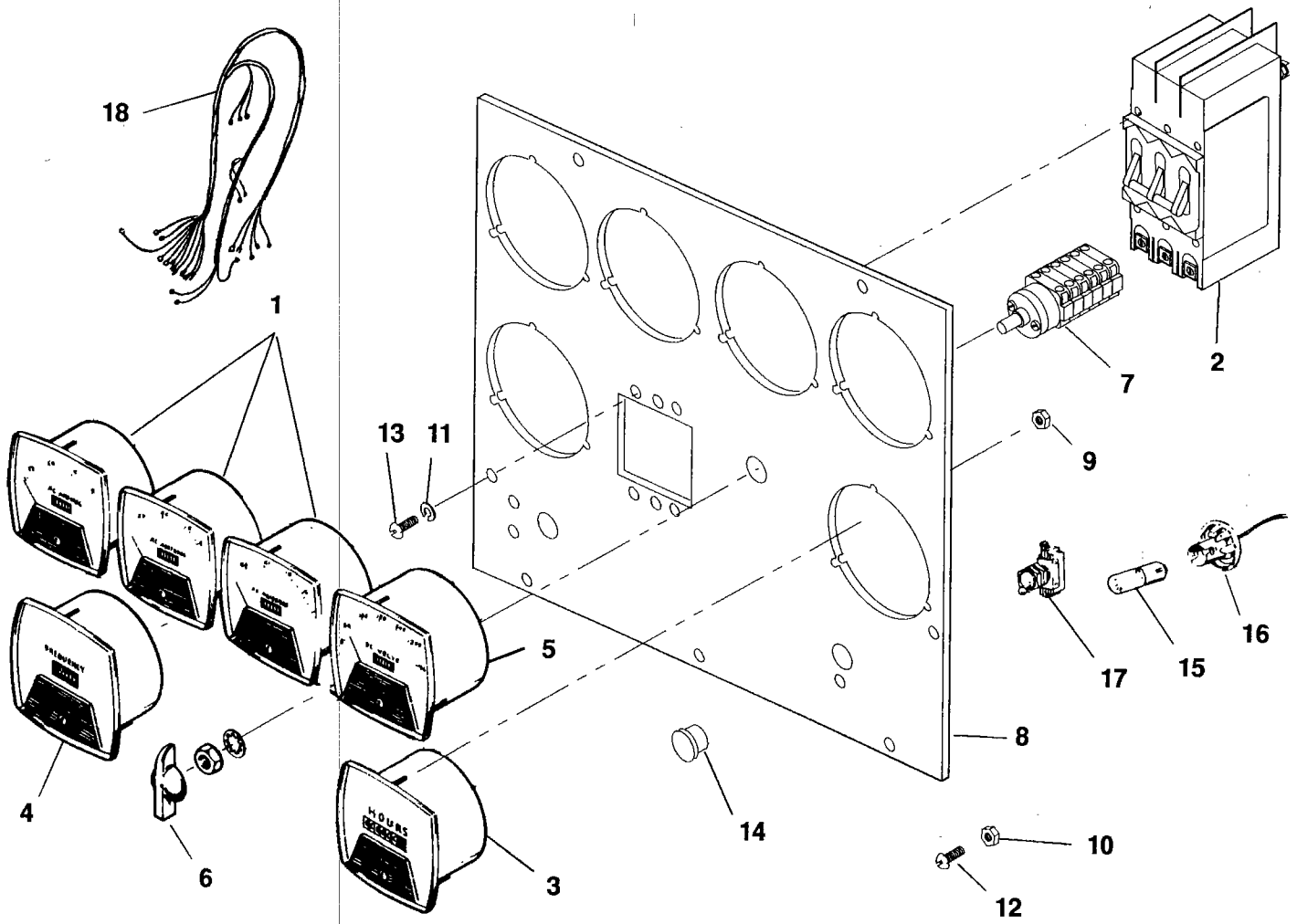


612-6640/6642

Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Panel, Control	27	323-1624	1	*#Wedge, Connector (Used in P1)
	319-2035-03	1	Without Indicator Lights	28	357-0030	1	*#Rectifier (6 Amp) (CR12)
	319-2035-04	1	With Indicator Lights	29	332-0604	1	*#Block, Terminal (5 Place) (TB11)
2	307-0845	1	Relay, Solenoid - Start (K11)	30	332-0706	1	#&Block, Terminal (8 Place) (TB13)
3			Breaker, Circuit	31	305-0880	1	#&Rectifier, Bridge - 20 Amp (CR7)
	320-1706-14	1	Without Indicator Lights (CB4)	32	332-1043	1	#Jumper - Terminal Block (Sets With Indicator Lights)
	320-1824-02	3	With Indicator Lights (CB4,5,6)	33	301-1962	1	Box, Control
4			Light, Indicator	34	332-3223	1	&Strip, Marker
	322-0108	1	Low Oil Pressure (DS4)	35	812-0065	2	&Screw, Machine - Round Head (#6-32 x 5/8")
	322-0109	1	High Engine Temp (DS5)	36	332-0052	1	Clip, Wire
	322-0111	1	Overspeed (DS6)	37	508-0001	1	Grommet
5	302-0885	1	Meter, Time Totalizing (M12)	38			Harness, Wiring - Engine to Control (Includes Parts Marked @)
6	302-0446	1	Ammeter, DC (M21)		338-2945	1	JB
7	321-0175	1	Holder, Fuse		338-2944	1	JCA, JCB
8	321-0146	1	Fuse - 10 Amp (F1)	39	871-0010	4	Nut, Hex - Brass (#10-32)
9	332-0616	1	Strip, Marker	40	850-0030	2	Washer, Lock - Spring (#10)
10	309-0270	1	&Thermostat (S8)	41	526-0049	4	Washer, Flat (#10)
11	518-0049	2	&Screw, Machine - Round Head W/ET (#8-32 x 1/4")	42	821-0040	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")
12	821-0004	4	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")	43	301-0856	1	Cover, Output Box
13	821-0008	1	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/16")	44	301-3683	1	Saddle, Control Mounting
14	815-0544	2	&Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 1/2")	45	301-3682	1	Box, Output
15	815-0385	2	Screw, Machine - Round Head (#6-32 x 1/2")	46	402-0070	4	Dampner, Vibration
16			Nut, Hex - W/ET (#6-32)	47	337-0036	1	Strap, Ground
	870-0183	3	Sets Without Indicator Lights	48	856-0008	8	Washer, Lock - EIT (5/16")
	870-0183	5	Sets With Indicator Lights	49	815-0236	7	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")
17	815-0550	2	&Screw, Pan Head - Cross Recessed W/ET (#6-32 x 3/8")	50	821-0014	8	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")
18	815-0539	2	Screw, Machine - Round Head - Cross Recessed W/IT (#8-32 x 5/8")	51	508-0183	1	Grommet
19	810-0153	1	Screw, Machine - Round Head - Brass (1/4-20 x 1")	52	357-0030	1	@Rectifier (6 Amp) (CR1) (Used on 338-2945 Engine Wiring Harness)
20	856-0006	3	Washer, Lock - W/EIT (1/4")	53	323-1491	6	@ Pin, Contact (Used in J1)
21	871-0016	2	Nut, Hex - Brass (1/4-20)	54	323-1626	1	@Wedge, Connector (Used in J1)
22			Harness, Wiring - Control	55	323-1625	1	@Connector, Receptacle (J1)
	338-2921-01	1	Sets Without Indicator Lights (Includes Parts Marked *)	56	812-0065	1	Screw, Machine - Round Head (#6-32 x 5/8")
	338-2922-01	1	Sets With Indicator Lights (Includes Parts Marked #)	57	517-0132	1	Plug, Hole
23	323-1492	6	*#Socket, Contact (Used in P1)				& - Parts Used on Sets With Indicator Lights
24			Switch, Toggle (S11)				* - Parts Included in 338-2921-01 Control Wiring Harness
	308-0345	1	* Start/Stop (Sets Without Indicator Lights)				# - Parts Included in 338-2922-01 Control Wiring Harness
	308-0329	1	# Start/Stop/Test (Sets With Indicator Lights)				@ - Parts Included in 338-2945 and 338-2944 Engine to Control Wiring Harnesses
25			Relay				
	307-2817-01	3	*# K12, K14, K15 (Mounted on right side facing panel front)				
	307-2594	1	# K17 (Sets With Indicator Lights) (Mounted on left side facing panel front)				
26	323-1623	1	*#Connector, Plug (6 Place) (P1)				

AC Meter Panel



612-6638

AC Meter Panel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Ammeter, AC (Quantity Used: 2 for Sets With 2-Pole Break- ers, 3 for Sets With 3-Pole Breakers) (M3,M4 - Sets With 2-Pole Breakers, M2,M3,M4 - Sets With 3-Pole Breakers)	3			Meter, Time Totalizing (M1 - Sets With 2-Pole Breakers, M5 - Sets With 3-Pole Breakers)
	302-0460	1	Scale Reads 0-20		302-0468	1	Sets With 2-Pole Breakers 50 Hertz
	302-0418	1	Scale Reads 0-30		302-0465	1	60 Hertz
	302-0444	1	Scale Reads 0-35				Sets With 3-Pole Breakers 50 Hertz
	302-0419	1	Scale Reads 0-50		302-0468	1	Under 300 Volts AC
	302-0458	1	Scale Reads 0-80		302-0469	1	Over 300 Volts AC
2			Breaker, Circuit (CB1)				60 Hertz
			Two Pole Breakers		302-0465	1	Under 300 Volts AC
			50 Hertz		302-0466	1	Over 300 Volts AC
	320-1841-02	1	15 Amp	4			Meter, Frequency (M5 for Sets With 2-Pole Breakers, M6 for Sets With 3-Pole Breakers)
	320-1841-03	1	20 Amp		302-1338	1	Sets With 2-Pole Breakers
	320-1841-04	1	25 Amp				Sets With 3-Pole Breakers
	320-1841-05	1	30 Amp		302-1338	1	Under 300 Volts AC
	320-1841-08	1	45 Amp		302-1340	1	Over 300 Volts AC
	320-1841-12	1	65 Amp				Voltmeter, AC (M2 for Sets With 2-Pole Breakers, M1 for Sets With 3-Pole Breakers)
			60 Hertz	5			Scale Reads 0-300
	320-1841-03	1	20 Amp				Scale Reads 0-500
	320-1841-04	1	25 Amp		302-0421	1	Knob, Rotary Switch
	320-1841-05	1	30 Amp		302-0612	1	Switch, Rotary (S1)
	320-1841-06	1	35 Amp				Panel, Meter
	320-1841-07	1	40 Amp	6	303-0076	1	Sets With 2-Pole Breakers
	320-1841-09	1	50 Amp	7	308-1021-02	1	Sets With 3-Pole Breakers
	320-1841-11	1	60 Amp				Nut, Hex - W/ET (#4-40)
	320-1841-13	1	70 Amp	8			Sets With 2-Pole Breakers
			Three Pole Breakers		301-2288	1	Sets With 3-Pole Breakers
			50 Hertz		319-2233-02	1	Nut, Hex - W/ET (#4-40)
			Under 300 Volts AC	9			Sets With 2-Pole Breakers
	320-1827-03	1	20 Amp		870-1220	15	Sets With 3-Pole Breakers
	320-1827-04	1	25 Amp		870-1220	18	Nut, Hex - W/ET (#8-32)
	320-1827-06	1	35 Amp	10	870-0221	5	Washer, Lock - Spring (#6)
	320-1827-07	1	40 Amp	11			Sets With 2-Pole Breakers
	320-1827-09	1	50 Amp		850-0020	4	Sets With 3-Pole Breakers
	320-1827-10	1	55 Amp		850-0020	6	Screw, Maching - Round Head (#8-32 x 5/16")
			Over 300 Volts AC	12	812-0076	5	Screw, Machine - Round Head (#6-32 x 3/8")
	320-1827-01	1	10 Amp				Sets With 2-Pole Breakers
	320-1827-02	1	15 Amp				Sets With 3-Pole Breakers
	320-1827-03	1	20 Amp	13			Plug, Hole
	320-1827-04	1	25 Amp		812-0061	4	Fits 3/8" Hole
	320-1827-05	1	30 Amp		812-0061	6	Fits 7/16" Hole
			60 Hertz	14			Bulb, Panel Light (DS1, DS2)
			Under 300 Volts AC		517-0131	1	Socket, Panel Light
	320-1827-03	1	20 Amp		517-0132	1	Switch, Toggle
	320-1827-04	1	25 Amp	15	322-0004	2	Panel Light (S1)
	320-1827-05	1	30 Amp	16	322-0072	2	Start/Stop (S2)
	320-1827-08	1	45 Amp	17			Harness, Wiring - Remote
	320-1827-09	1	50 Amp		308-0002	1	Control to Output Box (4 Wire, 36") (W1)
	320-1827-11	1	60 Amp		308-0154	1	Control to Start/Stop Switch (3 Wire, 50") (W2)
			Over 300 Volts AC	18			
	320-1827-02	1	15 Amp		338-0495	1	
	320-1827-03	1	20 Amp				
	320-1827-04	1	25 Amp		338-0305	1	
	320-1827-05	1	30 Amp				
	320-1827-06	1	35 Amp				

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INTRODUCTION

This catalog applies to the standard JB Generator Sets as listed in the Generator Set Data Table. The model designation shown began during 1969. Previously, the model designations did not use a decimal in the kW rating. (EXAMPLE: 5.0JB was formerly 5JB and 7.6JB was formerly 706JB.) Previously a V was used in the model to designate sets with Vacu-Flo Cooling and the C designation (3CR, 53CR, etc.) was not used in the models. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select the Parts Key Number (1, 2, etc. in the last column) that applies to your set. Right and left sides are determined by facing the engine end (front) of the set.

GENERATOR SET DATA TABLE

MODEL AND SPECIFICATION NUMBER	ELECTRICAL DATA					PARTS KEY NO.
	WATTS	VOLTS	HERTZ	WIRE	PHASE	
REVOLVING ARMATURE						
5.0JB-1M/*	5000	120	60	2	1	1
5.0JB-3M/*	5000	120/240	60	3	1	1
6.0JB-1M/*	6000	120	60	2	1	1
6.0JB-3M/*	6000	120/240	60	3	1	1
4.0JB-52R/*	4000	240	50	2	1	2
4.0JB-57R/*	4000	220/380	50	4	3	2
5.0JB-52R/*	5000	240	50	2	1	2
5.0JB-57R/*	5000	220/380	50	4	3	2
5.0JB-1R/*	5000	120	60	2	1	2
5.0JB-3R/*	5000	120/240	60	3	1	2
5.0JB-3CR/*	5000	120/240	60	**	1	2
6.0JB-1R/*	6000	120	60	2	1	2
6.0JB-2R/*	6000	240	60	2	1	2
6.0JB-3R/*	6000	120/240	60	3	1	2
6.0JB-3CR/*	6000	120/240	60	**	1	2
6.0JB-4R/*	6000	120/208	60	4	3	2
6.0JB-5R/*	6000	240	60	3	3	2
6.1JB-51R/*	6100	120	50	2	1	3
6.1JB-52R/*	6100	240	50	2	1	3
6.1JB-53R/*	6100	120/240	50	3	1	3
6.1JB-55R/*	6100	240	50	3	3	3
6.1JB-57R/*	6100	220/380	50	4	3	3
7.6JB-1R/*	7600	120	60	2	1	3
7.6JB-2R/*	7600	240	60	2	1	3
7.6JB-3R/*	7600	120/240	60	3	1	3
7.6JB-4R/*	7600	120/208	60	2	3	3
7.6JB-5R/*	7600	240	60	3	3	3

(GENERATOR SET DATA TABLE CONTINUED)

GENERATOR SET DATA TABLE (Continued)

MODEL AND SPECIFICATION NUMBER	ELECTRICAL DATA					PARTS KEY NO.
	WATTS	VOLTS	HERTZ	WIRE	PHASE	
REVOLVING FIELD						
6JB-53R17/**†	6000	120/240	50	3	1	4
705JB-3R17/**†	7500	120/240	60	3	1	4
6.0JB-52R/*	6000	240	50	2	1	4
6.0JB-53CR/*	6000	120/240	50	**	1	4
6.0JB-53R/*	6000	120/240	50	3	1	4
6.0JB-54R/*	6000	120/208	50	4	3	4
6.0JB-55DR/*	6000	120/240	50	4	3	4
6.0JB-57R/*	6000	220/380	50	4	3	4
6.0JB-57XR/*	6000	240/416	50	4	3	4
6.0JB-518E/*	6000	★	50	12	3	4
6.0JB-518R/*	6000	★	50	12	3	4
7.5JB-1R/*	7500	120	60	2	1	4
7.5JB-3AR/*	7500	100/200	60	#	1	4
7.5JB-3CE/*	7500	120/240	60	**	1	4
7.5JB-3CR/*	7500	120/240	60	**	1	4
7.5JB-3R/*	7500	120/240	60	3	1	4
7.5JB-4R/*	7500	120/208	60	4	3	4
7.5JB-4XR/*	7500	277/480	60	4	3	4
7.5JB-5DR/*	7500	120/240	60	4	3	4
7.5JB-9XR/*	7500	347/600	60	4	3	4
7.5JB-18R/*	7500	★	60	12	3	4
PENNSYLVANIA APPROVED SETS	These sets are recognized by the numbers 30 (Gasoline Fuel), 31 (Gaseous Fuel), or 131 (Liquified Petroleum Fuel) appearing in the model just before the diagonal line (/). (Example: 7.5JB-18R31/13AC). For replacement parts, refer first to the Special Parts Section for Pennsylvania Approved Generator Sets. Parts not in that section refer to the Standard Parts Section. When referring to the Standard Parts Section reference to Parts Key, Specification Letter or Voltage also applies to these sets.					

* -The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letter(s). The specification number denotes customer requested options or deviations from a standard (1A, 1B,...1AA, 1AB, etc.) model. The specification letter advances (A to B, B to C...Z to AA, AA to AB, etc.) with major manufacturing changes.

-These generators have four load wires which are reconnectable for 100 volt, 2 wire service or 200 volt, 2 wire service or 100/200 volt, 3 wire service.

** -These generators have four load wires which are reconnectable for 120 volt, 2 wire service or 240 volt, 2 wire service or 120/240 volt, 3 wire service.

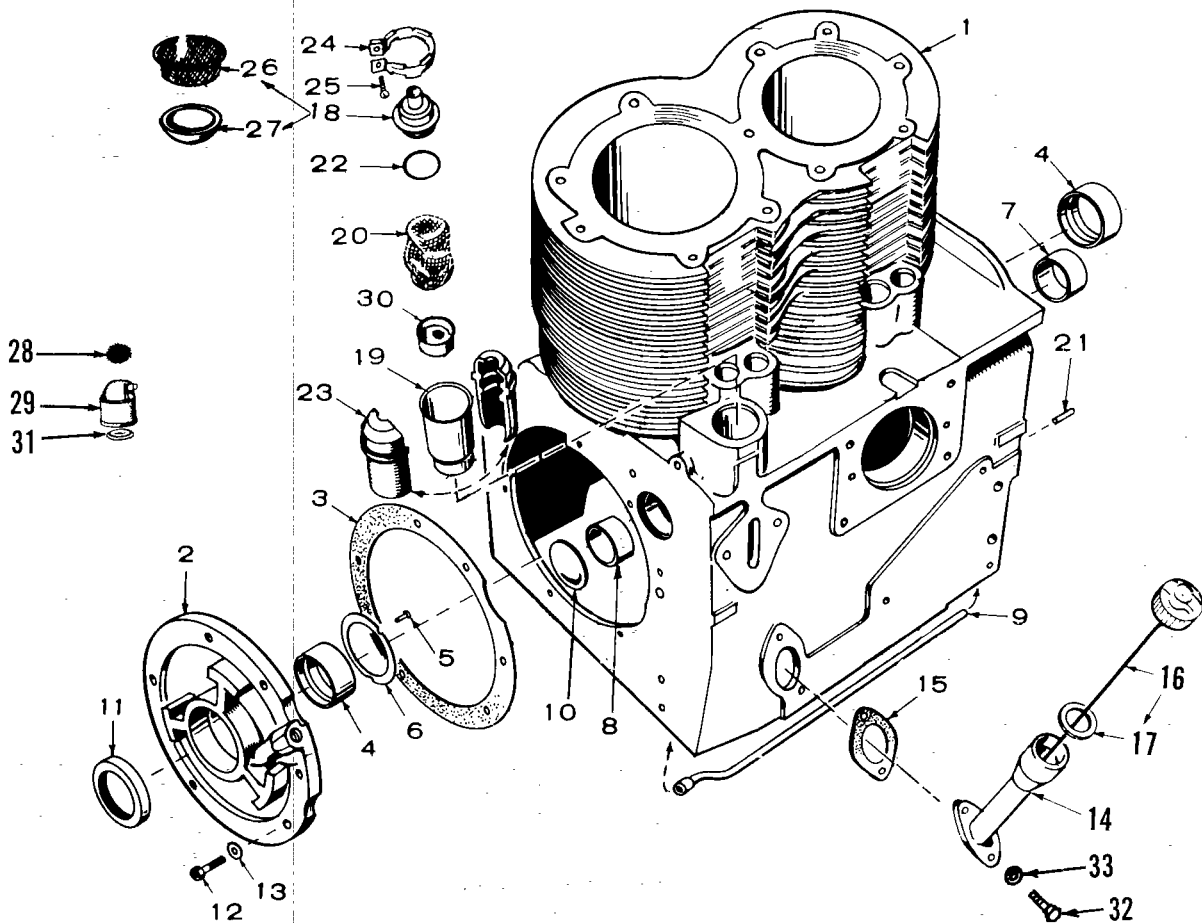
★ -Broad range reconnectable sets, refer to connection diagram inside outlet box cover.

† -These are X-ray models and are designated by the number 17 in the model.

STANDARD PARTS SECTION

This section contains standard parts applicable to models listed in the generator set data table.

CYLINDER BLOCK

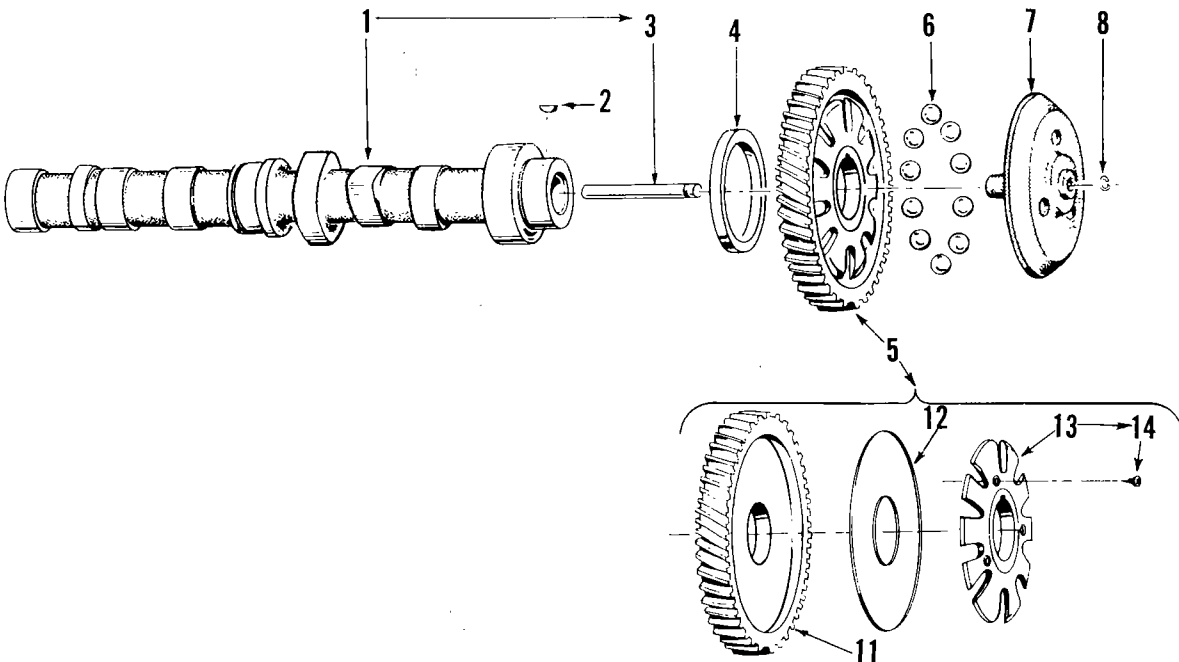


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1324	1	Block Assembly, Cylinder (Includes Valve Tappets and Parts Marked *)
2	101-0337	1	*Plate, Bearing
3	101-0386	1	*Gasket and Shim Kit, Rear Bearing Plate (Includes Bearing Plate Mounting Washers)
4	BEARING, CRANKSHAFT		
	101-0359	2	*Standard
	101-0359-02	2	.002" Undersize
	101-0359-10	2	.010" Undersize
	101-0359-20	2	.020" Undersize
	101-0359-30	2	.030" Undersize
5	516-0072	4	*Screw, Drive
6	104-0420	2	*Washer, Crankshaft Thrust
7	101-0363	1	*Bearing, Camshaft Front
8	101-0365	1	*Bearing, Camshaft Rear
9	120-0553	1	*Tube, Crankcase Oil
10	517-0053	1	*Plug, Camshaft Opening
11	509-0086	1	Seal, Crankshaft Rear
12	805-0019	6	*Bolt, Place (Special)
13	526-0245	6	*Washer, Flat (Special)
14	123-0649	1	Tube, Oil Fill
15	123-0667	1	Gasket, Oil Fill Tube
16	123-0651	1	Cap and Indicator
17	123-0191	1	Gasket, Cap
18	123-1203	1	Cap and Valve Assembly, Breather (Includes Screen and Retainer) Begin Spec S

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	TUBE, BREATHER		
	123-0645	1	Spec A through R
	123-0952	1	*Begin Spec S
20	123-1283	1	Filter, Breather Tube
21	516-0141	2	*Pin, Dowel - Gearcase Alignment
22	509-0117	1	Seal, "O" Ring - Begin Spec S
23	123-0998	2	Insulator Halves, Breather Tube - Begin Spec S
24	518-0268	1	Clamp, Breather Tube Insulator - Begin Spec S
25	809-0035	1	Screw, Machine - Round Head Sheet Metal (#8 x 3/4") Begin Spec S
26	123-1202	1	Screen, Breather - Begin Spec S (Late)
27	123-1201	1	Retainer, Breather Valve - Begin Spec S
28	123-0958	1	Screen, Breather - Early Spec S
29	CAP, BREATHER		
	123-0458	1	Spec A through F
	123-0787	1	Spec G through R
30	123-1153	1	Baffle Cup and Holder, Breather - Begin Spec S
31	123-0315	1	Valve, Breather - Spec A through R
32	800-0026	2	Screw, Cap - Hex Head (5/16-18 x 3/4")
33	850-0045	2	Washer, Lock - Spring (5/16")

* - Parts Included in 110-1324 Cylinder Block Assembly.

CAMSHAFT



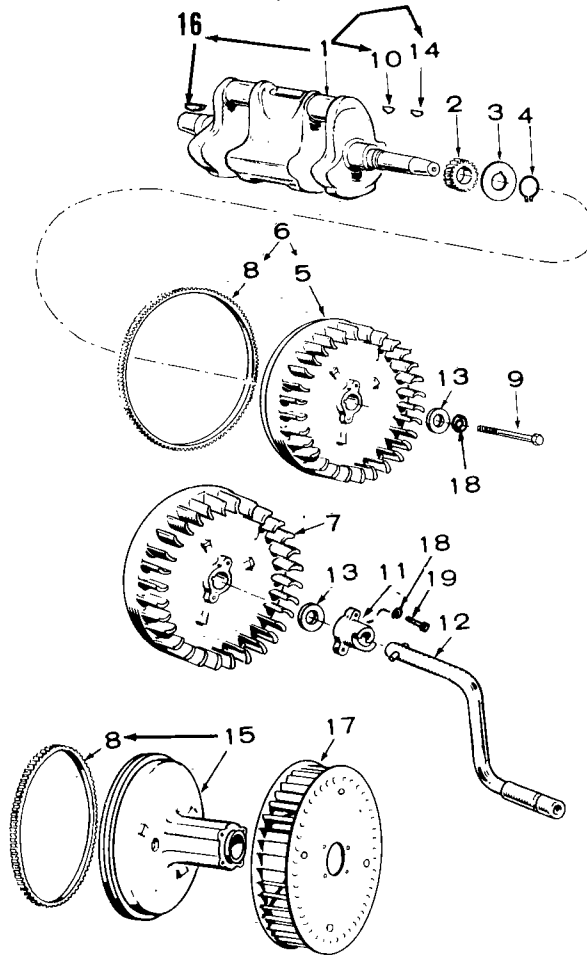
CT-1036

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CAMSHAFT (Includes Center Pin)		
	105-0219	1	Spec A through N
	105-0272	1	Begin Spec P
2	515-0001	1	Key, Camshaft Gear
3	150-0075	1	Pin, Center
4	105-0205	1	Washer, Thrust
5	105-0218	1	Gear Assembly, Camshaft (Includes Parts Marked *)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
6	510-0046	10	Flyball, Governor
7	150-0775	1	Cup, Governor
8	150-0078	1	Ring, Center Pin
11	105-0465	1	*#Gear, Camshaft
12	150-0773	1	*#Plate, Governor Flyball
13	150-1842	1	*#Spacer Kit, Governor Flyball (Includes Mounting Screws)
14	815-0506	3	*Screw, Spacer Mounting (Special)

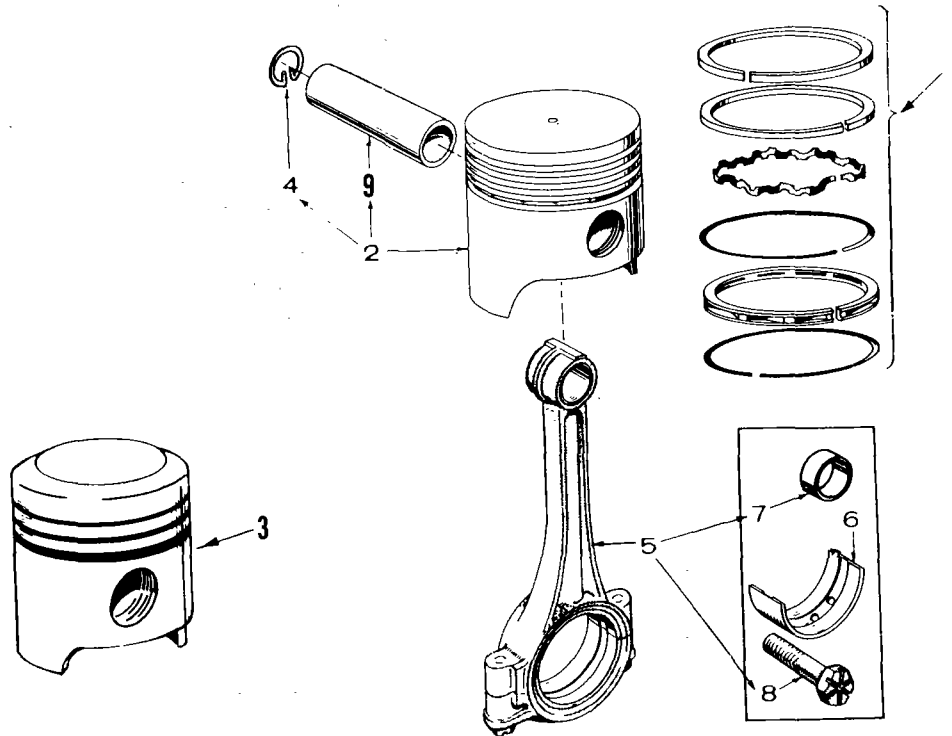
* - Parts Included in 105-0218 Camshaft Gear Assembly.
- Camshaft Gear Assemblies With Rivets Order 105-0218 Camshaft Gear Assembly.

CRANKSHAFT AND FLYWHEEL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-1283	1	Crankshaft Kit (Includes All Keys)	12	192-0350	1	Crank - Used on Some Early Models
2	104-0418	1	Gear, Crankshaft	13	526-0185	1	Washer, Flat (15/32"ID x 1-1/2"OD x 3/8"Thk)
3	104-0416	1	Washer, Retainer	14	KEY, FLYWHEEL TO CRANKSHAFT		
4	518-0188	1	Ring, Lock	515-0002	1	Spec A	
5	104-0473	1	Flywheel - Key 2, 3 (Sets Without Vacu-Flo Cooling)	515-0153	1	Begin Spec B	
6	104-0472	1	Flywheel Assembly - Key 4 (Includes Ring Gear) Sets Without Vacu-Flo Cooling	15	104-0526	1	Flywheel Assembly - Key 2, 3, 4 (Includes Ring Gear) Sets With Vacu-Flo Cooling
7	160-0692	1	Flywheel Assembly, Magneto - Key 1 (Includes Magnets)	16	515-0006	1	Key, Crankshaft to Generator Fan
8	104-0423	1	Gear, Ring	17	134-1150	1	Wheel, Blower - Key 2, 3, 4 (Sets With Vacu-Flo Cooling)
9	SCREW, FLYWHEEL			18	WASHER, LOCK - SPRING		
	800-0500	1	Pressure Cooled Sets (Special)	850-0055	1	7/16" - Flywheel Mounting	
	800-0082	1	Vacu-Flo Cooled Sets (7/16-14 x 3-3/4")	850-0050	2	3/8" - Crankdog Mounting - Used on Some Early Models	
10	515-0001	1	Key, Gear to Crankshaft	19	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 1") Crankdog Mounting - Used on Some Early Models
11	104-0429	1	Crankdog - Used on Some Early Models				

PISTON AND ROD

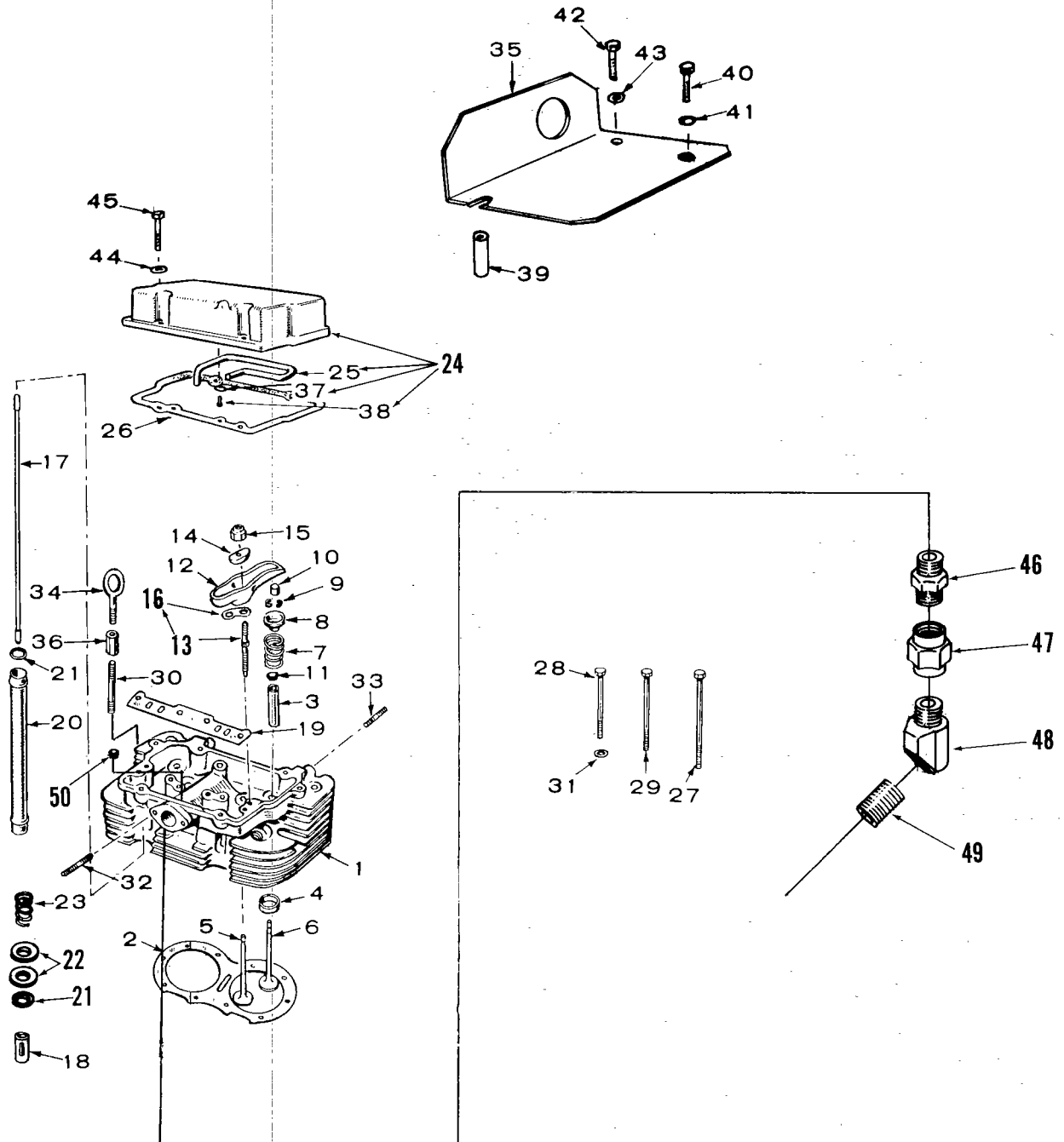


CT-1044

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET, PISTON		
	113-0089	2	Standard
	113-0089-10	2	.010" Oversize
	113-0089-20	2	.020" Oversize
	113-0089-30	2	.030" Oversize
	Natural Gas Sets With High Compression Pistons		
	113-0107	2	Standard
	113-0107-10	2	.010" Oversize
	113-0107-20	2	.020" Oversize
	113-0107-30	2	.030" Oversize
	PISTON KIT (Includes Pin and Retaining Rings)		
2	Gasoline, Gas - Gasoline, LPG and Standard Natural Gas Sets		
	112-0172	2	Standard
	112-0172-05	2	.005" Oversize
	112-0172-10	2	.010" Oversize
	112-0172-20	2	.020" Oversize
	112-0172-30	2	.030" Oversize
3	Natural Gas Sets With High Compression Pistons		
	112-0174	2	Standard
	112-0174-10	2	.010" Oversize
	112-0174-20	2	.020" Oversize
	112-0174-30	2	.030" Oversize

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
4	112-0085	4	Ring, Retaining
5	114-0163	2	Rod Assembly, Connecting
6	BEARING HALF, CONNECTING ROD		
	114-0164	4	Standard
	114-0164-02	4	.002" Undersize
	114-0164-10	4	.010" Undersize
	114-0164-20	4	.020" Undersize
	114-0164-30	4	.030" Undersize
7	114-0170	4	Bushing Half, Piston Pin - Connecting Rod
8	805-0012	4	Bolt, Place (Special)
9	112-0086	2	Pin, Piston

CYLINDER HEAD



CYLINDER HEAD

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0707	1	Bracket Kit, Lifting (Includes Parts Marked *)
	HEAD, CYLINDER		
	110-1217	1	With Valves Gasoline Sets (Includes Parts Marked #)
	110-1387	1	Gas and Gas-Gasoline Sets Sets Without Vacuum Switch (Includes Parts Marked +)
	110-1742	1	Sets With Vacuum Switch
	110-1439	1	Without Valves # Gasoline Sets (Includes Parts Marked Δ)
	110-1440	1	+ Gas and Gas-Gasoline Sets Sets Without Vacuum Switch (Includes Parts Marked £)
	110-1741	1	Sets With Vacuum Switch
2	110-1223	1	Gasket, Head
3	GUIDE, VALVE		
			Gasoline Sets - Intake and Exhaust
	110-1501	4	#Δ Standard
	110-1501-01	4	.001" Oversize
	110-1501-05	4	.005" Oversize
			Gas and Gas - Gasoline Sets
			Intake
	110-1501	2	+£ Standard
	110-1501-01	2	.001" Oversize
	110-1501-05	2	.005" Oversize
			Exhaust
	110-1392	2	+£ Standard
	110-1392-01	2	.001" Oversize
	110-1392-05	2	.005" Oversize
4	INSERT, VALVE SEAT		
			Intake
			Gasoline Sets
	110-1214	2	#Δ Standard
	110-1214-02	2	.002" Oversize
	110-1214-05	2	.005" Oversize
	110-1214-10	2	.010" Oversize
	110-1214-25	2	.025" Oversize
			Gas and Gas-Gasoline Sets
	110-1287	2	+£ Standard
	110-1287-02	2	.002" Oversize
	110-1287-05	2	.005" Oversize
	110-1287-10	2	.010" Oversize
	110-1287-25	2	.025" Oversize
			Exhaust
	110-1215	2	#+Δ£ Standard
	110-1215-02	2	.002" Oversize
	110-1215-05	2	.005" Oversize
	110-1215-10	2	.010" Oversize
	110-1215-25	2	.025" Oversize
5	VALVE, INTAKE		
	110-1218	2	#Gasoline Sets
	110-1286	2	+Gas and Gas-Gasoline Sets
6	110-1219	2	#+Valve, Exhaust
7	110-1221	4	#+Spring, Valve
8	110-1220	4	#+Retainer, Valve Spring
9	110-0858	8	#+Lock, Valve Spring Retainer
10	110-0859	4	Cap, Valve Stem
11	509-0090	2	#+Seal, Oil - Intake Valve
12	ARM, ROCKER		
	115-0128	2	Exhaust
	115-0129	2	Intake
13	115-0189	2	#+Δ£Stud Package, Rocker Arm (Package Includes Two Studs and One Lock)
14	115-0127	4	Ball, Rocker Arm
15	115-0150	4	Locknut, Rocker Arm
16	115-0184	2	#+Δ£Lock, Stud
17	115-0145	4	Rod, Valve Push
18	TAPPET, VALVE		
	115-0132	4	Spec A through N
	115-0195	4	Begin Spec P (Included in Cylinder Block Assembly)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	115-0196	1	Guide, Push Rod
20	115-0137	4	Shield, Push Rod
21	509-0084	8	Seal, Push Rod Shield
22	115-0155	8	Washer, Spring Retaining
23	115-0146	4	Spring, Shield Retainer
24	COVER ASSEMBLY, ROCKER		
	115-0134	1	Gasoline Sets (Includes Parts Marked ‡)
	115-0173	1	Gas and Gas-Gasoline Sets (Includes Parts Marked □)
25	LINE, OIL - ROCKER COVER		
	120-0628	1	‡Gasoline Sets
	120-0645	1	□Gas and Gas-Gasoline Sets
26	115-0130	1	Gasket, Rocker Cover
27	110-1225	5	Screw, Cylinder Head (3/8-16 x 4-3/4") Special
28	110-0815	4	*Screw, Cylinder Head (3/8-16 x 2") Special (One Included in 403-0707 Lifting Bracket Kit)
29	110-1282	2	Screw, Cylinder Head (3/8-16 x 4") Special
30	520-0626	1	Stud, Cylinder Head (3/8" x 2-5/8") Used With Eye Bolt
31	526-0174	7	Washer, Flat (13/32"ID x 25/32"OD x .1345 Thk)
32	520-0114	2	#+Stud, Intake Manifold
33	520-0608	4	#+Stud, Exhaust Manifold (Special)
34		1	Bolt, Eye - Lifting (For Replacement Order 403-0707 Lifting Bracket Kit)
35	403-0825	1	Bracket, Lifting
36		1	Nut, Extension - Used With Eye Bolt (For Replacement Order 403-0707 Lifting Bracket Kit)
37	526-0130	1	‡□Washer, Flat (17/64"ID x 1"OD x 1/16"Thk)
38	815-0562	1	‡□Screw, Machine - Cross Recessed Pan Head (#10 x 5/16")
39	403-0826	2	*Spacer, Lifting Bracket
40	800-0091	1	*Screw, Cap - Hex Head (1/2-13 x 1-1/4")
41	850-0060	1	*Washer, Lock-Spring (1/2")
42	800-0030	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
43	850-0045	2	Washer, Lock-Spring (5/16")
44	850-0045	4	Washer, Lock-Spring (5/16")
45	SCREW, CAP - HEX HEAD		
	800-0030	4	5/16-18 x 1-1/4"
	800-0038	1	*5/16-18 x 3-1/4" (Two Included in 403-0707 Lifting Bracket Kit)
46	502-0082	1	Nipple, Hex (Brass) Gas and Gas-Gasoline Sets With Vacuum Switch
47	502-0051	1	Coupling (Brass) Gas and Gas-Gasoline Sets With Vacuum Switch
48	502-0053	1	Elbow - 45° (Brass) Gas and Gas-Gasoline Sets With Vacuum Switch
49	502-0046	1	Nipple, Close (Brass) Gas and Gas-Gasoline Sets With Vacuum Switch
50	505-0274	1	#+Δ£Plug, Pipe - Countersunk Hex (1/8")

* - Parts Included in 403-0707 Lifting Bracket Kit.

- Parts Included in 110-1217 Cylinder Head.

+ - Parts Included in 110-1387 Cylinder Head.

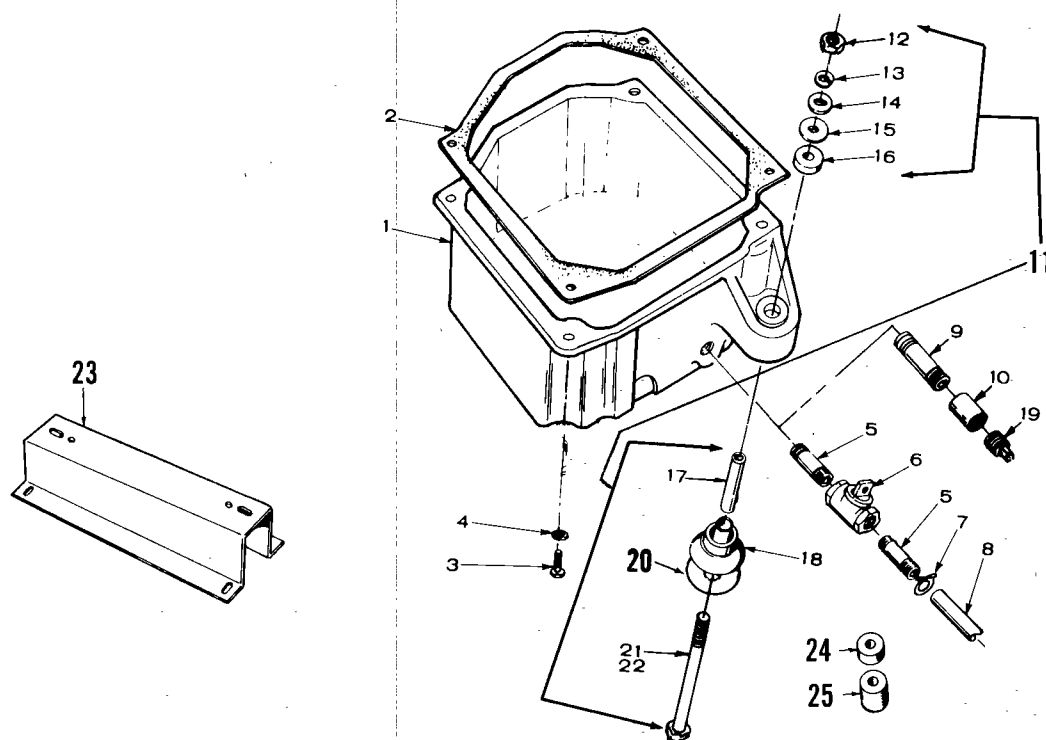
Δ - Parts Included in 110-1439 Cylinder Head.

£ - Parts Included in 110-1440 Cylinder Head.

‡ - Parts Included in 115-0134 Rocker Cover Assembly.

□ - Parts Included in 115-0173 Rocker Cover Assembly.

OIL BASE



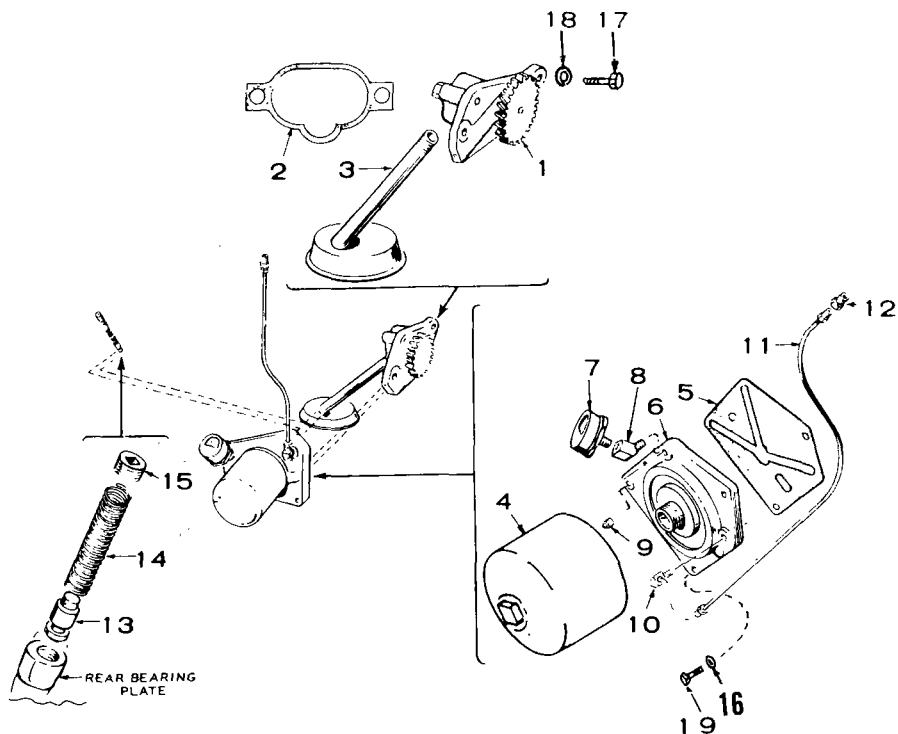
LS-1047-1

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	BASE, OIL 102-0450	1	Spec A through G Begin Spec H	15	526-0198	8	*#Washer, Flat (5/8" ID x 1-1/2" OD x 1/16" Thk) Use as Required
	102-0540	1	Sets Without Oil Base Heater	16	402-0282	4	*#Snubber, Stock Mounting
	102-0620	1	Sets With Oil Base Heater	17	BUSHING, SPACER 402-0046	4	Spec A through G
2	102-0451	1	Gasket, Oil Base		402-0290	4	*#Begin Spec H
3	800-0072	4	Screw, Cap - Hex Head (7/16-14 x 1-1/4")	18	CUSHION, VIBRATION - Begin Spec H (Cone Shaped) 402-0284	2	Engine End Generator End
4	850-0055	4	Washer, Lock - Spring (7/16")		402-0286	2	Key 1, 2, 3
5	NIPPLE, OIL DRAIN 505-0002	2	Housed Sets - 1/2" x 3" Skid Mounted Sets		402-0285	2	Key 4
	505-0002	1	1/2" x 3"	19	505-0056	1	Plug, Oil Drain (1/2") Sets Without Housing or Skid Mounting
	505-0100	1	1/2" Close	20	526-0195	4	*#Washer, Flat (29/64" ID x 3" OD x 1/8" Thk)
6	504-0011	1	Valve, Oil Drain - Housed and Skid Mounted Sets	21	816-0212	4	*Bolt, Carriage (7/16-14 x 5-1/2") Sets Without Housing or Skid Mounting
7	503-0197	1	Clamp, Oil Drain - Housed and Skid Mounted Sets	22	800-0082	4	#Screw, Cap - Hex Head (7-16 x 3-3/4") Housed and Skid Mounted Sets
8	503-0316	1	Hose, Oil Drain - Housed and Skid Mounted Sets	23	SUPPORT - Vacu-Flo Cooled Sets 403-0648	2	Spec A through G
9	505-0002	1	Nipple, Oil Drain (1/2 x 3") Sets Without Housing or Skid Mounting		403-0710	2	Begin Spec H
10	505-0014	1	Coupling, Oil Drain (1/2") Sets Without Housing or Skid Mounting	24	402-0036	4	Mount, Upper Vibration (Cylindrical Shaped) Spec A through G
11	HARDWARE PACKAGE, MOUNTING - Begin Spec H 402-0291	4	Sets Without Housing, Skid Mounting or Vacu-Flo Cooling (Includes Parts Marked *)	25	MOUNT, LOWER VIBRATION (Cylindrical Shaped) Spec A through G 402-0276	4	Sets Without Housing Sets With Housing
	402-0327	1	Sets With Housing, Skid Mounting or Vacu-Flo Cooling (Includes Parts Marked #)		402-0276	2	Engine End
12	862-0004	4	*#Nut, Hex (7/16-14)		402-0278	2	Generator End
13	850-0055	4	*#Washer, Lock - Spring (7/16")				
14	526-0014	4	*#Washer, Flat (29/64" ID x 1-1/2" OD x 1/8" Thk)				

* - Parts Included in 402-0291 Mounting Hardware Package.

- Parts Included in 402-0327 Mounting Hardware Package.

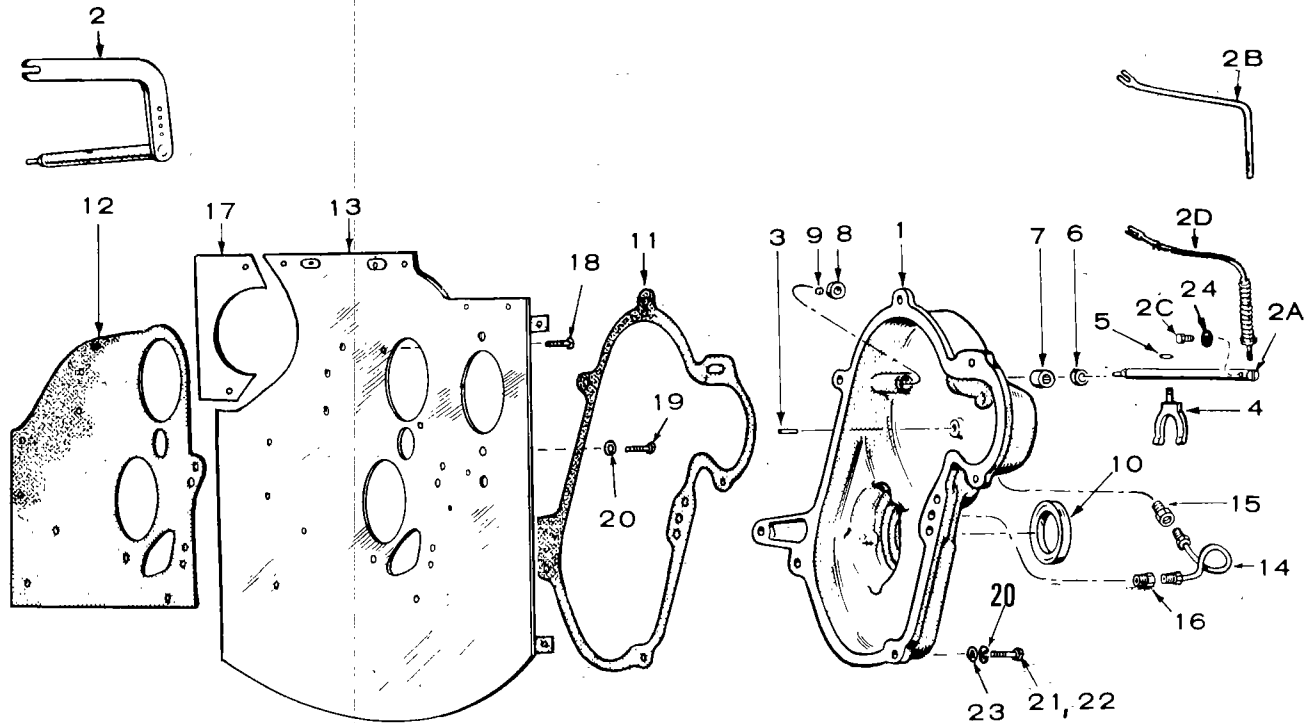
OIL SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	120-0547	1	Pump, Oil
2	120-0580	1	Gasket Kit, Oil Pump
3	120-0551	1	Cup, Oil Pump Intake
4	122-0185	1	Filter, Oil (4-3/8" Long)
5	122-0188	1	Gasket, Adapter
6	122-0182	1	Adapter, Oil Filter
7	193-0006	1	Gauge, Oil Pressure
8	ELBOW, STREET - 45°		
	502-0053	1	Sets Without Low Oil Pressure Switch
	502-0053	2	Sets With Low Oil Pressure Switch
9	505-0057	1	Plug, Pipe (1/8") Sets Without Low Oil Pressure Switch
10	ELBOW, INVERTED MALE - Oil Line to Filter Adapter		
	502-0019	1	Gasoline Sets — Spec A through N Gas and Gas-Gasoline Sets
	502-0019	1	Spec A through Serial Number 698177 During Spec N
	502-0037	1	Begin Serial Number 698178 During Spec N
	502-0037	1	Begin Spec P (All Fuels)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	LINE, FILTER ADAPTER TO CYLINDER HEAD		
	120-0562	1	Gasoline Sets — Spec A through N
			Gas and Gas-Gasoline Sets
	120-0562	1	Spec A through Serial Number 698177 During Spec N
	120-0672	1	Begin Serial Number 698178 During Spec N
	120-0672	1	Begin Spec P (All Fuels)
12	CONNECTOR, RESTRICTED — Line to Cylinder Head		
	502-0235	1	Gasoline Sets - Spec A through N
			Gas and Gas-Gasoline Sets
	502-0235	1	Spec A through Serial Number 698177 During Spec N
	502-0274	1	Begin Serial Number 698178 During Spec N
	502-0274	1	Begin Spec P (All Fuels)
13	120-0539	1	Valve, Oil By-Pass
14	120-0555	1	Spring, By-Pass Valve
15	505-0274	1	Plug, Pipe - Countersunk (1/8") Oil By-Pass
16	850-0045	3	Washer, Lock - Spring (5/16")
17	800-0030	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
18	850-0045	2	Washer, Lock - Spring (5/16")
19	800-0028	3	Screw, Cap - Hex Head (5/16-18 x 1")

GEARCASE

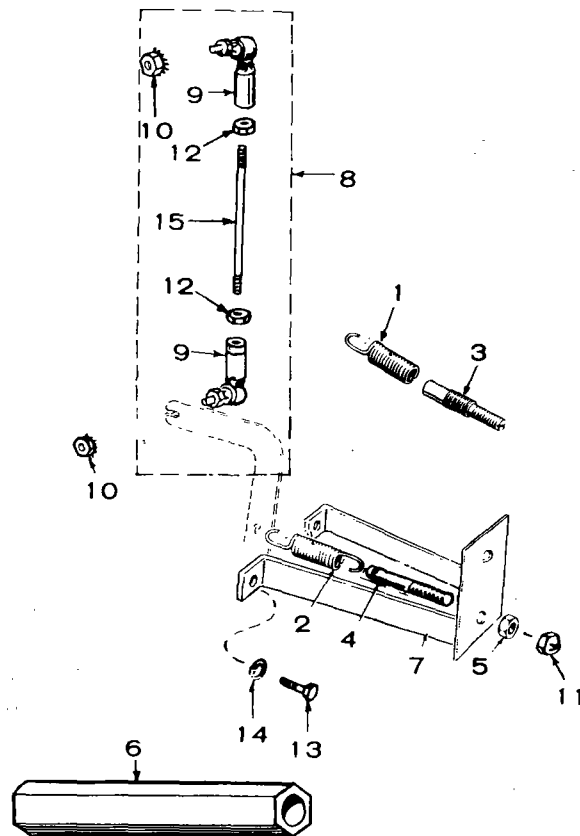


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0277	1	Gearcase Assembly - Begin Spec E (Includes Parts Marked *). Sets Spec A through D Order Additional Parts as Follows: Spec A through Serial Number 692458 During Spec D Also Order 1 each of 150-0840 Governor Arm and 103-0251 Gearcase Mounting Gasket. Begin Serial Number 692459 During Spec D through Spec D Also Order 1 of 103-0251 Gearcase Mounting Gasket.
2	—	—	Arm and Shaft Assembly - Spec A through Serial Number 692458 During Spec D Order 1 each of 150-0838 Shaft and 150-0840 Arm
2A	150-0838	1	*Shaft, Governor - Begin Serial Number 692459 During Spec D
2B	150-0840	1	Arm, Governor - Begin Serial Number 692459 During Spec D through Spec Q
2C	815-0176	1	*Screw, Machine - Hex Head (#8-32 x 1/2") Begin Serial Number 692459 During Spec D
2D	150-1093	1	Arm, Governor - Begin Spec R
3	516-0111	1	*Pin, Governor Cup Stop
4	150-0777	1	*Yoke, Governor
5	518-0129	1	*Ring, Yoke Retaining
6	509-0088	1	*Seal, Governor Shaft
7	510-0048	1	*Bearing, Shaft - 1/2" Shaft
8	510-0082	1	*Bearing, Shaft - 1/4" Shaft
9	BALL, GOVERNOR SHAFT THRUST		
	510-0014	1	Spec A through D (3/16")
	510-0043	1	*Begin Spec E (5/16")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
10	509-0087	1	*Seal
11	GASKET, GEARCASE		
	103-0219	1	Spec A through D (Cast Iron Cover)
	103-0251	1	Begin Spec E (Die Cast Cover)
12	103-0218	1	Gasket, Backplate
13	BACKPLATE, GEARCASE		
	103-0226	1	Key 1, 2, 3
	103-0271	1	Key 4 (To Replace One-Piece Backplate Used on Early Models Also Order 134-1532 Baffle)
14	120-0581	1	Line, Cover - Early Models
15	502-0235	1	Connector, Restricted - Oil Line (Early Models)
16	502-0030	1	Connector, Inverted Male - Oil Line (Early Models)
17	134-1532	1	Baffle, Backplate (Not Used on Early Models) (Used with Prestolite Starters)
18	815-0347	2	Screw, Machine - Flat Head - Socket Drive (1/4-20 x 1/2")
19	800-0026	1	Screw, Cap - Hex Head (5/16-18 x 3/4")
20	850-0045	6	Washer, Lock - Spring (5/16")
21	110-0879	4	Screw, Cap - Hex Head (Special)
22	800-0028	1	Screw, Cap - Hex Head (5/16-18 x 1")
23	526-0115	5	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
24	850-0025	1	*Washer, Lock - Spring (#8) Begin Serial Number 692459 During Spec D

* - Parts Included in 103-0277 Gearcase Assembly.

GOVERNOR



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
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SPRING, GOVERNOR

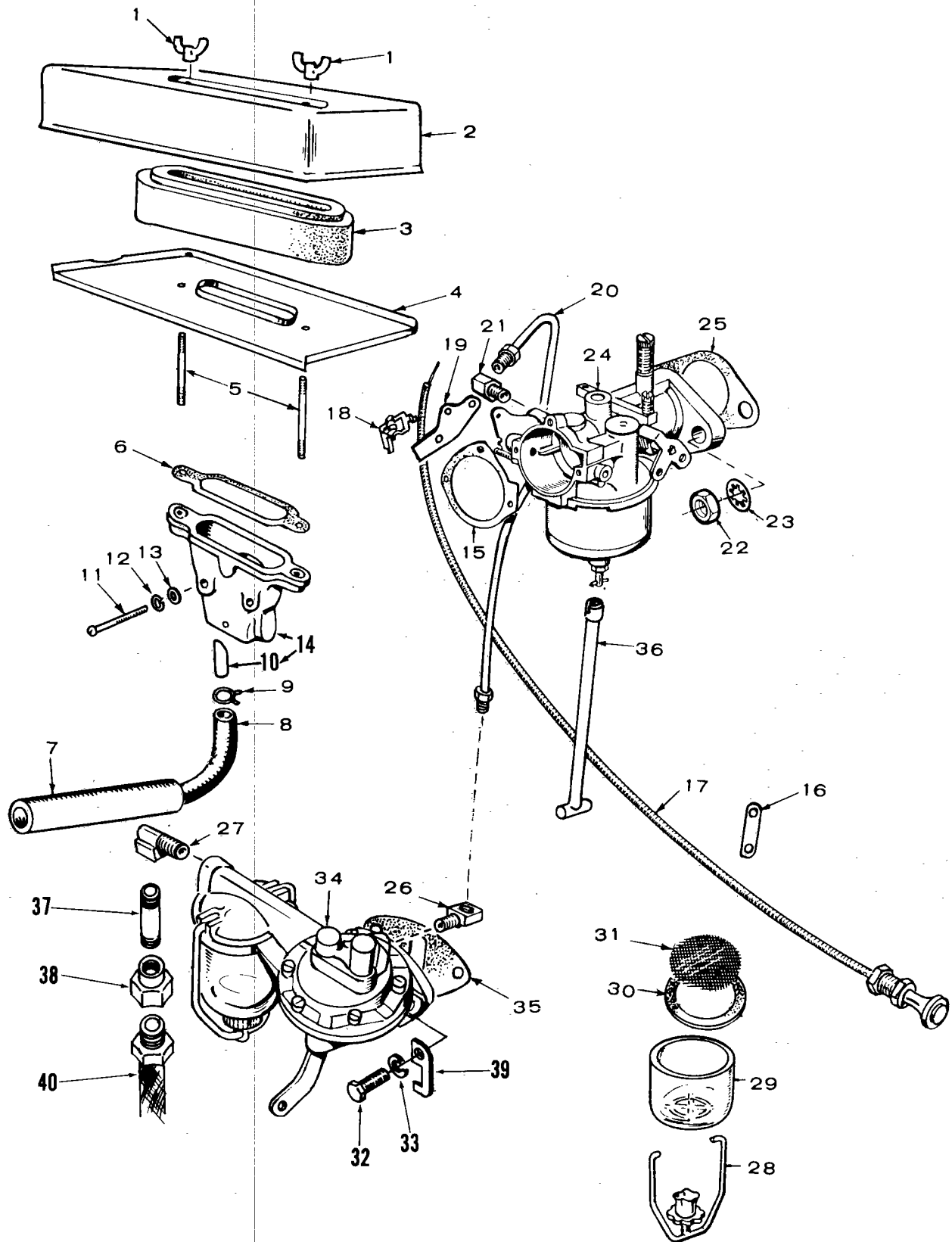
1	150-0821	1	Spec A through Q
2	150-1084	1	Begin Spec R
STUD, GOVERNOR ADJUSTING			
3	150-0822	1	Spec A through Q
4	150-1082	1	Begin Spec R
NUT, ADJUSTING - Sets Without Vacu-Flo Cooling			
5	104-0091	1	Spec A through Q
	862-0003	1	Begin Spec R
NUT, ADJUSTING - Sets With Vacu-Flo Cooling			
6	150-0924	1	Spec A through Q
	150-1113	1	Begin Spec R
BRACKET, GOVERNOR			
Key 1			
	150-0813	1	Spec A through Q
	150-1108	1	Begin Spec R
Key 2, 3, 4			
	150-0812	1	Spec A through Q
	150-1107	1	Begin Spec R

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
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8	150-1076	1	Linkage Assembly, Governor (Includes Parts Marked *)
JOINT, BALL (Some Early Sets Used 1)			
9	150-0974	2	Spec A through Q
	150-1081	2	*Begin Spec R
10	870-0131	2	*Nut, Hex - ET (#10-32) (1 Included in Linkage Assembly)
NUT, LOCK - Sets Without Vacu-Flo Cooling			
11	870-0130	1	Spec A through Q (3/8-24)
	870-0133	1	Begin Spec R (3/8-16)
12	870-0053	2	*Nut, Hex (#10-32)
SCREW			
13	800-0005	2	Spec A through AB - Hex Head Cap (1/4-20 x 3/4")
	821-0010	2	Begin Spec AC - Locking Head (1/4-20 x 1/2")
14	850-0040	2	Washer, Lock - Spring (1/4") Spec A through AB
15	150-1075	1	Link, Governor

* - Parts Included in 150-1076 Governor Linkage Assembly.

FUEL SYSTEM (GASOLINE)



FUEL SYSTEM (GASOLINE)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-1048	1	Repair Kit, Fuel Pump
1	865-0020	2	Nut, Wing (1/4-20)
2	140-0594	1	Cover, Air Cleaner
3	140-1907	1	Element and Retainer
4	140-0595	1	Pan, Air Cleaner
5	520-0621	2	Stud, Air Cleaner (1/4-20)
6	140-0584	1	Gasket, Air Cleaner
7	503-0558	1	Insulation, Breather Hose - Begin Spec S
8	HOSE, BREATHER		
	503-0384	1	Spec A through F
	503-0395	1	Spec G through R
	503-0543	1	Begin Spec S
9	503-0171	2	Clamp, Breather Hose
10	123-0732	1	Tube, Breather
11	813-0108	2	Screw, Machine - Round Head (#10-32 x 1-1/2")
12	850-0030	2	Washer, Lock - Spring (#10)
13	526-0241	2	Washer, Flat (3/16"ID x 7/16"OD x 3/64"Thk)
14	ADAPTER, AIR CLEANER (Includes Tube)		
	140-0647	1	Spec A through Q
	140-0933	1	Begin Spec R
15	GASKET, ADAPTER TO CARBURETOR		
	140-0585	1	Spec A through Q
	140-0921	1	Begin Spec R
16	153-0326	1	Arm, Manual Choke - Key 1
17	153-0328	1	Cable, Manual Choke - Key 1
18	518-0176	1	Clamp, Choke Cable - Key 1
19	153-0327	1	Bracket, Choke - Key 1
20	LINE, PUMP TO CARBURETOR		
	159-0739	1	Spec A through Q
	149-1095	1	Begin Spec R
21	502-0065	1	Elbow, Inverted Male (Brass) 45°
22	NUT, HEX (5/16-24)		
	868-0002	2	Jam - Spec A through AB
	870-0137	2	Self-Locking - Begin Spec AC

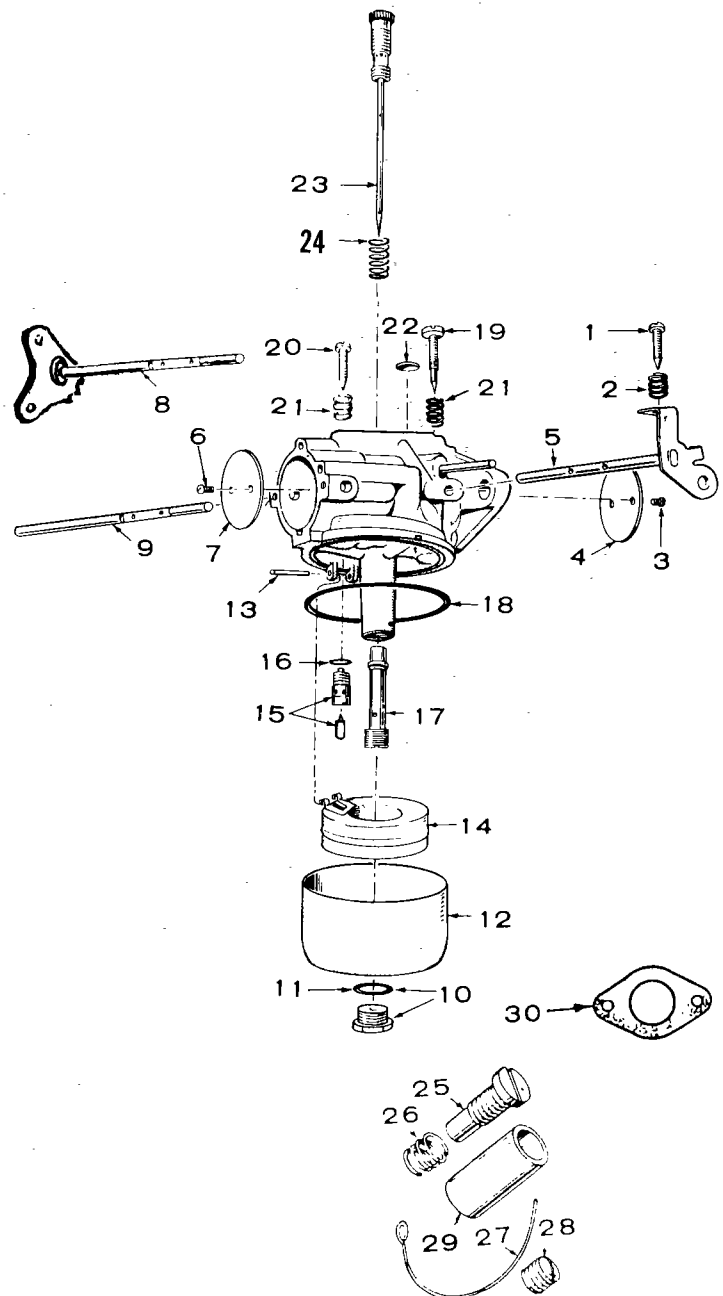
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
23	854-0017	2	Washer, Lock - IT (5/16")
24	CARBURETOR KIT - Includes Mounting Gasket (See Separate Group for Components)		
	Key 1 - Manual Choke		
	141-0763	1	Spec A through Q
	141-0881	1	Begin Spec R
	Key 2, 3, 4 - Electric Choke		
	141-0762	1	Spec A through Q
	141-0880	1	Begin Spec R
25	154-0733	1	Gasket, Carburetor
26	502-0002	1	Elbow, Inverted Male (Brass) 90°
27	ELBOW (Brass) 90°		
	502-0002	1	Inverted Male - Spec A through Z
	502-0020	1	Street - Begin Spec AA
28	BAIL, FUEL PUMP		
	149-1006	1	Spec A through Z (3-5/8"Long)
	149-1169	1	Begin Spec AA (2-7/8"Long)
29	BOWL, FUEL PUMP		
	149-0116	1	Spec A through Z (2-3/8"Long)
	149-1168	1	Begin Spec AA (1-5/8"Long)
30	149-0517	1	Gasket, Fuel Pump
31	149-0463	1	Screen, Fuel Pump
32	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")
33	850-0045	2	Washer, Lock - Spring (5/16")
34	PUMP KIT, FUEL - Includes Mounting Gasket		
	149-1788	1	Key 1
	149-1787	1	Key 2,3,4
35	149-0792	1	Gasket, Fuel Pump
36	141-0727	1	Rod, Carburetor Adjusting (Not Used on Sets With Vacu-Flo Cooling)
37	505-0061	1	Nipple, Pipe (1/8" x 2")
			Begin Spec AA
38	502-0017	1	Connector, Fuel Line - Begin Spec AA
39	149-1307	2	Stiffener, Fuel Pump Mounting
40	501-0007	1	Line, Fuel

CARBURETOR PARTS — SPEC A THROUGH Q

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
CARBURETOR KIT (Includes Mounting Gasket)			
	Gasoline Sets		
	141-0763	1	Manual Choke
	141-0762	1	£ Electric Choke
	Gas-Gasoline Sets		
	141-0761	1	Manual Choke
	141-0760	1	£ Electric Choke
	141-0764	1	Gas Sets
REPAIR KIT			
	143-0200	1	Spec A through F (Includes Parts Marked †)
	143-0298	1	Spec G through Q (Includes Parts Marked #)
	143-0201	1	†#Gasket Kit (Includes Parts Marked *)
1	143-0215	1	Screw, Adjustment - Throttle Lever
2	143-0214	1	Spring, Throttle Adjustment Screw
3	812-0014	2	†#Screw, Machine - Round Head (#3-48 x 3/16")
4	143-0202	1	Plate, Throttle
5	143-0203	1	Shaft and Lever, Throttle
6	812-0014	2	†#Screw, Machine - Round Head (#3-48 x 3/16") Not Used on Gas Only Carburetor
7	PLATE, CHOKE (Not Used on Gas Only Carburetor)		
	143-0220	1	Manual Choke
	143-0204	1	Electric Choke
8	143-0221	1	Shaft and Lever - Carburetor With Manual Choke (Not Used on Gas Only Carburetor)
9	SHAFT, CHOKE - Carburetors With Electric Choke (Not Used on Gas Only Carburetor)		
	Gasoline Carburetor		
	143-0207	1	Spec A through H
	143-0315	1	Spec J through Q
	Gas-Gasoline Carburetor		
	143-0232	1	Spec A through H
	143-0316	1	Spec J through Q
10	143-0208	1	Screw and Gasket, Bowl
11	143-0209	1	†#*Gasket, Bowl Screw
12	143-0210	1	Bowl
13	141-0703	1	†#Pin, Float (Not Used on Gas Only Carburetor)
14	143-0105	1	Float and Lever (Not Used on Gas Only Carburetor)
15	143-0341	1	†#Valve, Fuel Inlet
16	143-0015	1	†#*Gasket, Fuel Inlet Valve
17	NOZZLE (Not Used on Gas Only Carburetor)		
	143-0206	1	†Spec A through F
	143-0296	1	†#Spec G through Q
18	143-0077	1	†#*Gasket, Bowl Ring
19	SCREW, IDLE ADJUSTING (PRIMARY)		
	143-0213	1	Spec A through F
			Spec G through Q
	143-0213	1	Gas Only Carburetor
	143-0299	1	Gasoline and Gas-Gasoline Carburetor
20	143-0213	1	Screw, Idle Adjusting (Secondary) Spec G through Q - Gasoline and Gas-Gasoline Carburetor
21	143-0112	2	Spring, Idle Adjusting
22	143-0110	1	Plug, Expansion
23	NEEDLE, JET (HIGH SPEED ADJUSTING) Not Used on Gas Only Carburetor		
	143-0205	1	†Spec A through F
	143-0295	1	#Spec G through Q
24	143-0114	1	Spring, High Speed Adjusting (Not Used on Gas Only Carburetor)
25	NEEDLE, GAS ADJUSTING (Gas and Gas-Gasoline Carburetor)		
	145-0309	1	Spec A through H
	148-0589	1	Spec J through Q

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
26	SPRING, GAS ADJUSTING (Gas and Gas-Gasoline Carburetor)		
	148-0010	1	Spec A through H
	148-0590	1	Spec J through Q
27	143-0231	1	Wire, Choke Lock - Gas-Gasoline Carburetor (Not Used on Gas Only Carburetor)
28	505-0008	1	Plug (1/8") Gas Only Carburetor
29	145-0308	1	Tube, Gas Inlet - Gas and Gas-Gasoline Carburetor
30	154-0733	1	†#*Gasket, Carburetor Mounting

£ - Electric Choke not included with carburetor - order 153-0377 Thermo-Magnetic Choke Kit if required.
† - Parts Included in 143-0200 Repair Kit.
- Parts Included in 143-0298 Repair Kit.
* - Parts Included in 143-0201 Gasket Kit.

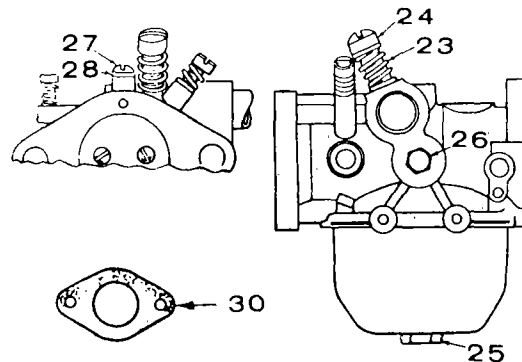
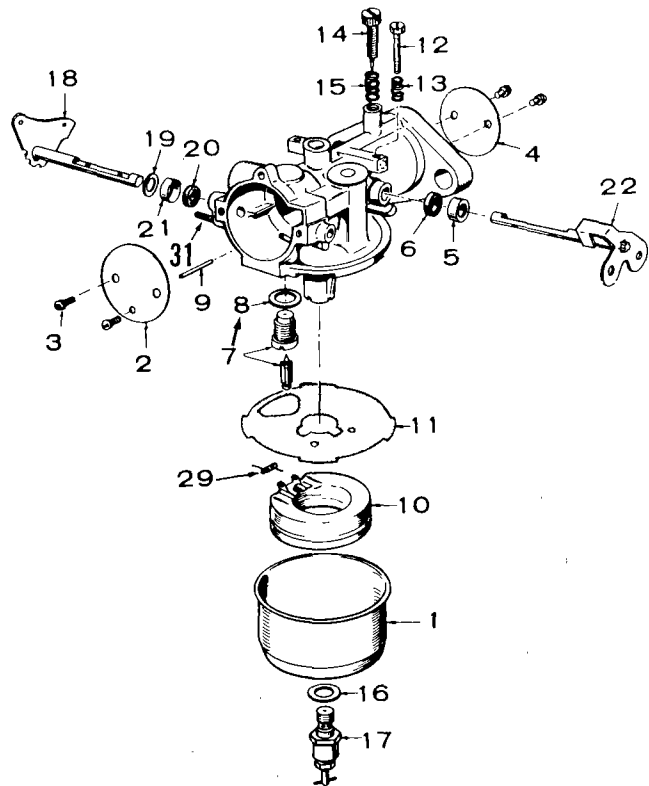


CARBURETOR PARTS — BEGIN SPEC R

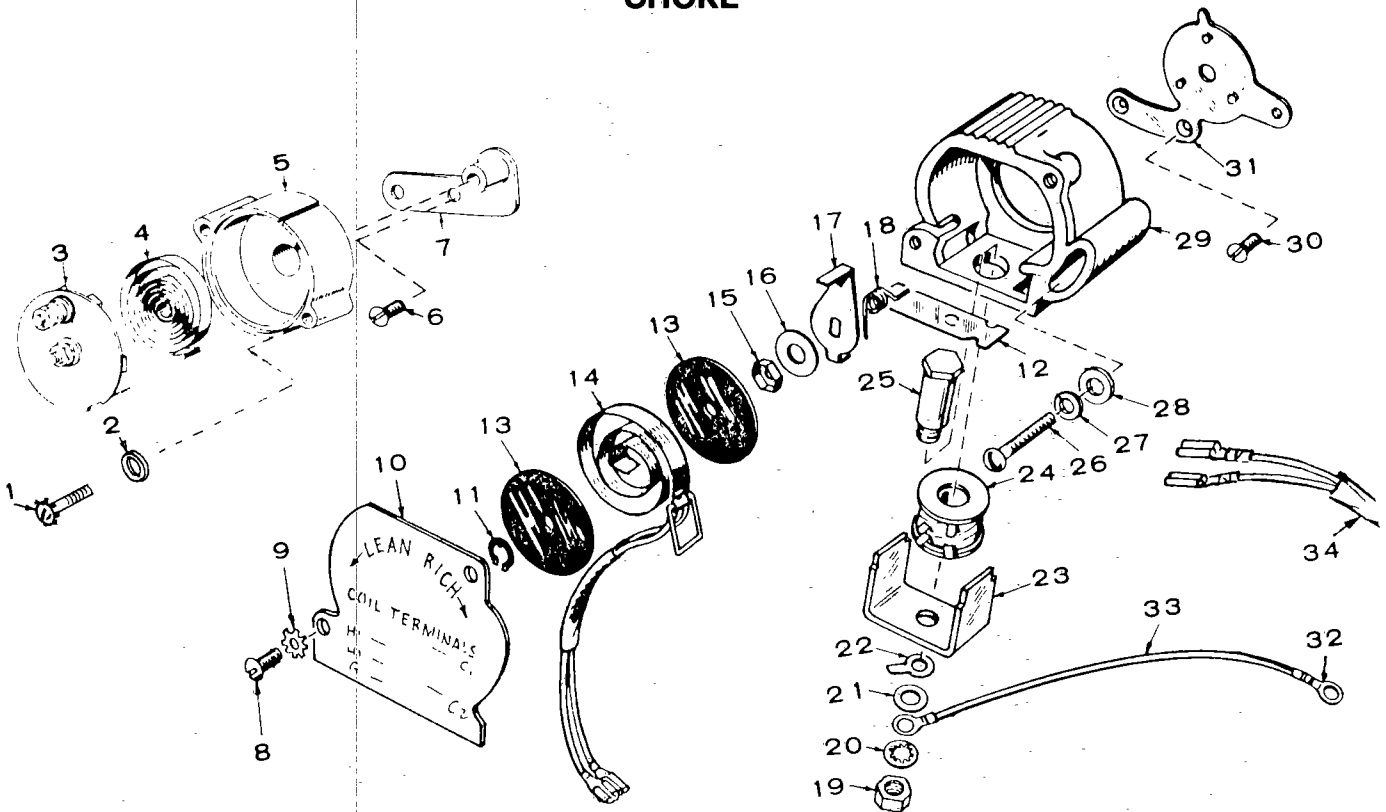
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	CARBURETOR KIT (Includes Mounting Gasket)		
			Gasoline Sets
	141-0881	1	Manual Choke
	141-0880	1	Electric Choke
			Gas-Gasoline Sets
	141-0883	1	Manual Choke
	141-0884	1	Electric Choke
	141-0890	1	Gas Sets
	141-0747	1	Repair Package (Includes Parts Marked *)
	141-0748	1	Gasket Kit (Includes Parts Marked #)
1	141-0708	1	Bowl, Fuel
2	PLATE, CHOKE (Not Used on Gas Only Carburetor)		
	141-0741	1	Manual Choke
	141-0860	1	Electric Choke
3	141-0698	4	Screw and Washer, Choke and Throttle Plate Mounting (Two Used on Gas Only Carburetor)
4	PLATE, THROTTLE		
	141-0793	1	Gasoline and Gas-Gasoline Carburetors
	141-0706	1	Gas Only Carburetor
5	141-0705	1	*Retainer, Seal
6	141-0661	1	*#Seal, Rubber
7	141-0830	1	*Valve Seat Assembly, Fuel (Not Used on Gas Only Carburetor)
8	141-0811	1	*#Washer, Fuel Valve Seat (Not Used on Gas Only Carburetor)
9	141-0703	1	*Shaft, Float (Not Used on Gas Only Carburetor)
10	141-0702	1	Float Assembly (Not Used on Gas Only Carburetor)
11	141-0701	1	*#Gasket, Bowl to Body
12	141-0700	1	Screw, Throttle Stop
13	141-0711	1	Spring, Throttle Stop
14	NEEDLE, IDLE ADJUSTING		
	141-0713	1	Gasoline and Gas Only Carburetor
	141-0713	2	Gas-Gasoline Carburetor
15	SPRING, IDLE NEEDLE		
	141-0710	1	Gasoline and Gas Only Carburetor
	141-0710	2	Gas-Gasoline Carburetor
16	141-0077	1	*#Washer, Main Jet Assembly
17	141-0712	1	Jet Assembly, Main (Adjustable) Not Used on Gas Only Carburetor
18	SHAFT, CHOKE (Not Used on Gas Only Carburetor)		
	141-0742	1	Manual Choke
			Electric Choke
	141-0679	1	Gasoline Carburetor
	141-0716	1	Gas-Gasoline Carburetor
19	141-0699	1	Washer - Carburetor With Manual Choke
20	141-0697	1	*#Seal, Felt - Carburetor With Manual Choke
21	141-0203	1	*Retainer, Seal - Carburetor With Manual Choke
22	141-0709	1	Shaft and Lever, Throttle
23	141-0733	1	Spring, Main Gas Needle - Gas and Gas-Gasoline Carburetor
24	141-0734	1	Needle, Main Gas Adjusting - Gas and Gas-Gasoline Carburetor
25	141-0736	1	Nut, Bowl - Gas Only Carburetor
26	141-0737	1	Plug, Pipe (1/8") Gas Only Carburetor
27	141-0738	1	Screw - Gas Only Carburetor
28	141-0739	1	Washer - Gas Only Carburetor
29	141-0799	1	*Spring, Float (Not Used on Gas Only Carburetor)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
30	154-0733	1	*#Gasket, Carburetor Mounting
31	141-0917	1	Spring, Choke Lever - Carburetor With Manual Choke (Not Used on Gas Only Carburetor)

* - Parts Included in 141-0747 Repair Package.
- Parts Included in 141-0748 Gasket Kit.



CHOKE



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
+ ELECTRIC CHOKE ASSEMBLY - Key 2, 3, 4 - Spec A through H			
1	815-0285	2	Screw, Machine - Round Head With External Tooth Lockwasher (#8-32 x 5/16")
2	526-0062	2	Washer, Flat - Brass (.200"ID x 1/2"OD x 1/16"Thk)
3	153-0325	1	Cover Assembly, Electric Choke
4		1	#Element, Electric Choke
5	153-0324	1	Housing, Electric Choke
6	815-0266	2	Screw, Machine - Flat Head (#8-32 x 3/8")
7		1	#Adapter, Electric Choke
*THERMO-MAGNETIC CHOKE ASSEMBLY - Key 2, 3, 4 - Begin Spec J			
8	812-0076	2	Screw, Machine - Round Head (#8-32 x 5/16")
9	854-0007	2	Washer, Lock - Spring (#8)
10	153-0389	1	Cover, Choke
11	518-0129	1	Ring, Retaining
12	153-0395	1	Armature, Choke
13	153-0399	2	Insulator, Disc
14 BIMETAL & HEATER ASSEMBLY			
	153-0400	1	Spec J through R
	153-0422	1	Begin Spec S
15	870-0134	1	Nut, Self-Locking, Hex (1/4-20)
16	526-0018	1	Washer, Flat (17/64"ID x 5/8"OD x 1/16"Thk)
17	153-0390	1	Lever, Thermo-Choke
18 SPRING, CHOKE LEVER			
	153-0387	1	Spec J through R
	153-0425	1	Begin Spec S

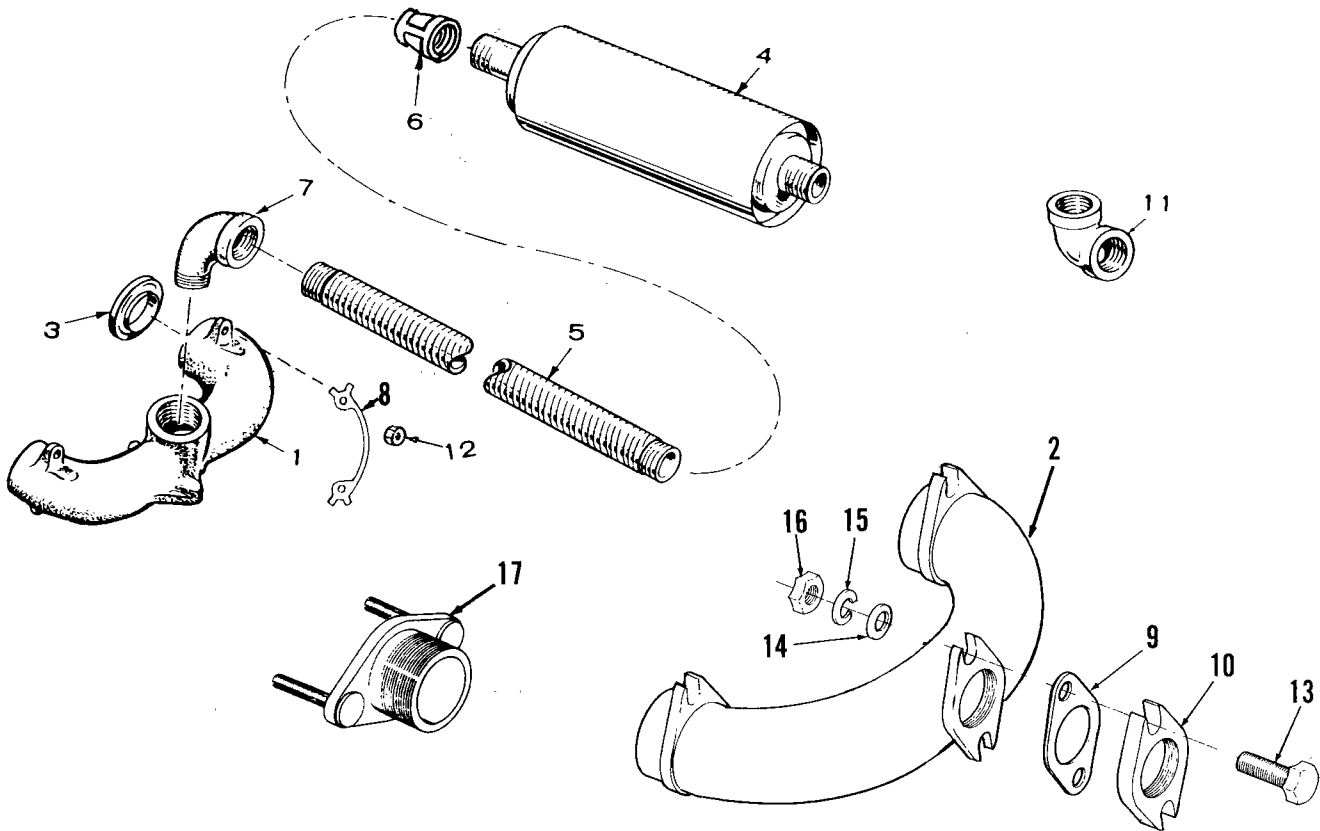
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	862-0015	1	Nut, Hex (5/16-18)
20	854-0017	1	Washer, Lock - Spring (5/16")
21	526-0022	1	Washer, Flat (21/64"ID x 9/16"OD x 1/16"Thk)
22	332-0876	1	Terminal, Lug - Ground
23	153-0392	1	Frame, Choke Solenoid
24	307-1203	1	Coil, Choke Solenoid
25	153-0391	1	Core, Choke Solenoid
26	813-0107	1	Screw, Machine - Round Head (#10-32 x 1-1/4")
27	850-0030	1	Washer, Lock - Spring (#10)
28	526-0008	1	Washer, Flat (13/64"ID x 7/16"OD x 1/32"Thk)
29	153-0386	1	Housing, Choke
30	815-0161	2	Screw, Machine - Round Head (#10-32 x 3/8")
31	153-0385	1	Plate, Mounting
32	332-0325	2	Terminal, Lug - Eye
33	334-0028	1	Wire, Electrical (16 GA)
34 HARNESS, ELECTRICAL			
	338-0328	1	Key 2, 3
	338-0329	1	Key 4

+ - Conversion Available to Thermo-Magnetic Choke - Order Kit 153-0377.

* - Complete Replacement Available - Order Kit 153-0430.

- Parts Not Available - Order Replacement Choke Kit 153-0430.

EXHAUST SYSTEM

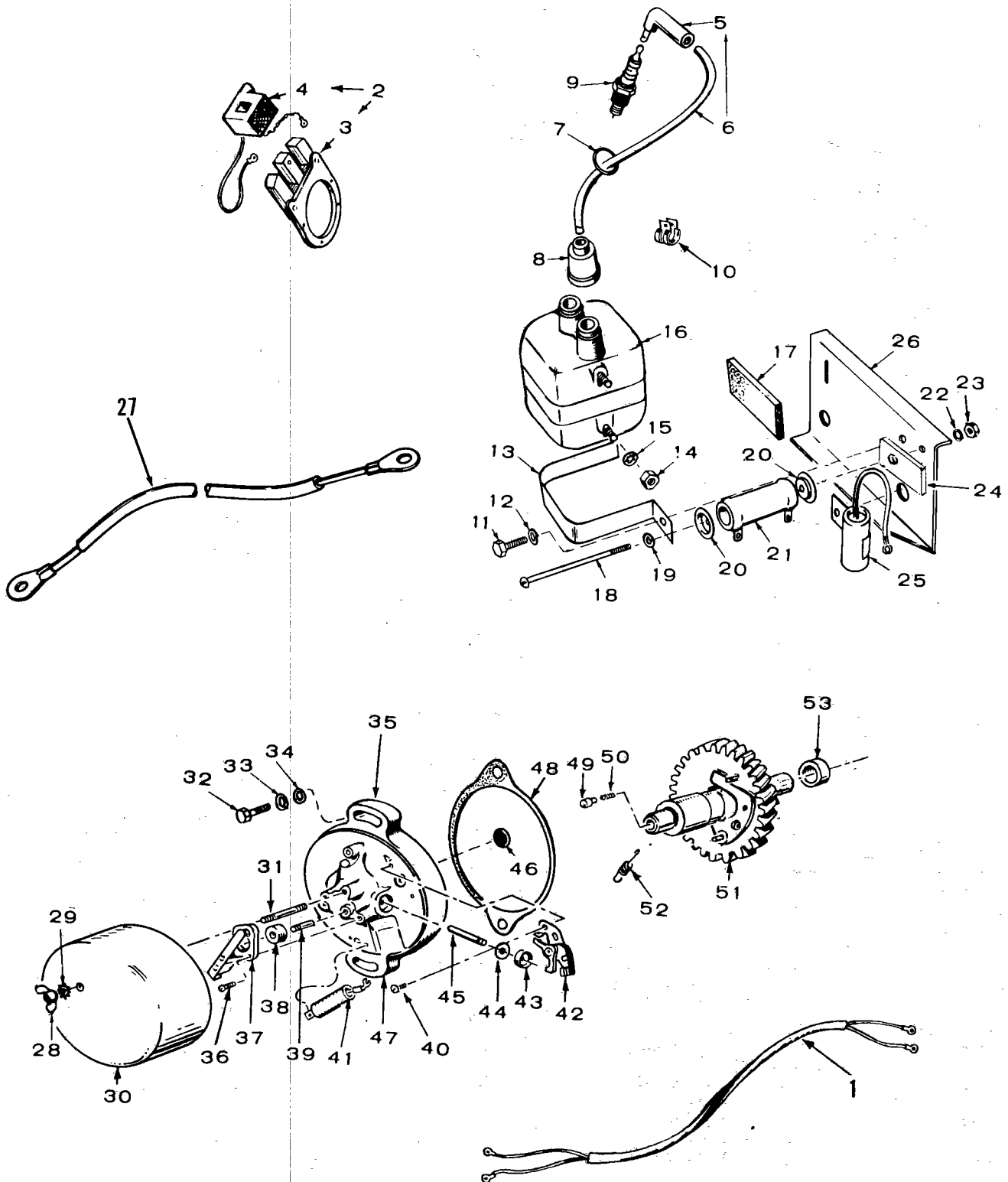


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	155-1898	1	Exhaust Package, Critical Muffler - Optional for Housed Sets (Includes 155-0360 Muffler, 140-0078 Mounting Bands (2) and Parts Marked *)
MANIFOLD, EXHAUST			
1	154-0633	1	Pressure Cooled Sets
2	154-0695	1	Vacu-Flo Cooled Sets
3	154-0463	2	Gasket, Manifold
4	MUFFLER, EXHAUST		
	155-0077	1	Unhoused Sets - 20-1/2" Long (1-1/2" Inlet, 1-1/4" Outlet)
	155-0456	1	Housed Sets - 14-3/4" Long (1-1/2" Inlet and Outlet)
5	TUBE, EXHAUST - FLEXIBLE (1-1/4")		
	155-0492	1	Unhoused Sets - 36" Long Housed Sets
	155-0849	1	10-1/4" Long - Use With 155-0456 Muffler
	155-0951	1	* 11-1/2" Long - Use With 155-0360 Muffler
6	505-0036	1	Coupling, Reducer (1-1/2" to 1-1/4")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
7	ELBOW		
	505-0186	1	Street (1-1/4" x 90°)
	505-0183	1	*Reducer (1-1/2" to 1-1/4")
8	154-1665	2	Tab, Lock
9	154-0133	1	Gasket, Outlet - Vacu-Flo Cooled Sets
10	155-0170	1	Flange - Vacu-Flo Cooled Sets
11	505-0043	1	*Elbow (1-1/2" x 90°)
12	110-0445	4	Nut, Hex (Special)
13	800-0054	2	Screw, Cap - Hex Head (3/8-16 x 2") Vacu-Flo Cooled Sets
14	526-0127	2	Washer, Flat (13/32" ID x 25/32" OD x 1/8" Thk) Vacu-Flo Cooled Sets
15	850-0050	2	Washer, Lock - Spring (3/8") Vacu-Flo Cooled Sets
16	862-0003	2	Nut, Hex (3/8-16) Vacu-Flo Cooled Sets
17	155-1925	1	Flange, Exhaust

* - Parts Included in 155-1898 Critical Muffler Exhaust Package.

IGNITION SYSTEM



IGNITION SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	HARNESS, WIRING - Breaker to Control		
	338-0280	1	Key 2, 3 - Sets With Low Oil Pressure Switch
	338-0258	1	Key 4
2	160-0698	1	Magneto Assembly - Key 1 (Includes Parts Marked #)
3	160-0697	1	#Backplate and Poleshoe, Magneto - Key 1
4	160-0693	1	#Coil, Magneto - Key 1
5	314-0032	2	Suppression, Spark Plug
6	CABLE, SPARK PLUG		
	167-1384	2	Key 1
			Key 2, 3, 4
	167-1595	2	Pressure Cooled Sets
	167-1596	2	Vacu-Flo Cooled Sets
7	509-0035	1	"O" Ring - Key 2, 3, 4
8	160-0558	2	Nipple, Cable - Key 2, 3, 4
9	PLUG, SPARK		
	167-0241	2	Non-Resistor Type
	167-0237	2	Resistor Type
10	332-0051	1	Clip, Wire - Key 1
11	SCREW, CAP - HEX HEAD		
	800-0003	1	1/4-20 x 1/2" - Sets Without Vacu-Flo Cooling
	800-0004	1	1/4-20 x 5/8" - Sets With Vacu-Flo Cooling
12	WASHER, LOCK (1/4")		
	853-0013	1	ET - Sets Without Vacu-Flo Cooling
	850-0040	1	Spring - Sets With Vacu-Flo Cooling
13	CLAMP, COIL - Key 2, 3, 4		
			Spec A through S
	160-0682	1	Sets Without Vacu-Flo Cooling
	160-0890	1	Sets With Vacu-Flo Cooling
	166-0556	1	Begin Spec T
14	870-0053	2	Nut, Hex (#10-32)
15	854-0010	2	Washer, Lock - IT (#10)
16	COIL, IGNITION - Key 2, 3, 4		
	160-1299	1	Spec A through S
	166-0346	1	Begin Spec T
17	160-0887	1	Pad, Coil - Key 2, 3, 4 Sets With Vacu-Flo Cooling
18	813-0112	1	Screw, Machine - Round Head (#10-32 x 2-1/2")
19	850-0030	1	Washer, Lock - Spring (#10)
20	304-0014	2	Washer, Centering
21	304-0060	1	Resistor, Fixed (1.72 Ohm, 25 Watt)
22	854-0010	1	Washer, Lock - IT (#10) Used on Early Models
23	870-0053	1	Nut, Hex (#10-32) Used on Early Models
24	304-0292	1	Insulator - Key 2, 3, 4 Pressure Cooled Sets
25	312-0058	1	Condenser (.1 Mfd.)
26	166-0295	1	Bracket, Coil - Key 2, 3, 4, Sets With Vacu-Flo Cooling

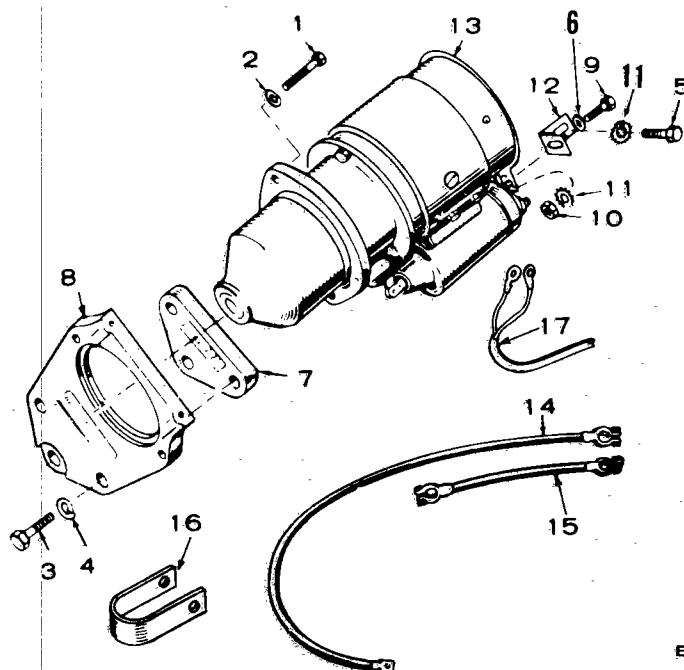
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
27	LEAD (Sleeved) Begin Spec AC		
			Pressure Cooled Sets
	336-7324	1	Points to Coil (24")
	336-7325	1	Resistor to No. 4 on Terminal Block (34")
	336-7878	1	Coil to No. 10 on Terminal Block (27")
			Vacu-Flo Cooled Sets
	336-7879	1	Coil to No. 10 on Terminal Block (32")
28	865-0011	1	Nut, Wing (#10-32)
29	853-0008	1	Washer, Lock - ET (#10)
30	COVER, BREAKER ASSEMBLY		
	160-0769	1	Key 1
	160-0719	1	Key 2, 3, 4
31	520-0347	1	Stud (Special)
32	SCREW, CAP - HEX HEAD		
	800-0052	2	3/8-16 x 1-1/2" - Spec A through AB
	800-0051	2	3/8-16 x 1-1/4" - Begin Spec AC
33	850-0050	2	Washer, Lock - Spring (3/8")
34	526-0026	2	Washer, Flat (13/32" ID x 3/4" x 1/16" Thk) Spec A through AB
35	BREAKER ASSEMBLY		
	160-0762	1	Key 1 (Includes Parts Marked †)
			Key 2, 3
	160-0762	1	Sets Without Low Oil Pressure Switch (Includes Parts Marked †)
	160-0714	1	Sets With Low Oil Pressure Switch (Includes Parts Marked *)
	160-0714	1	Key 4 (Includes Parts Marked *)
36	815-0201	2	*Screw, Machine - Round Head (#8-32 x 3/8")
37	309-0134	1	*Switch, Centrifugal
38	160-0382	1	*Diaphragm, Switch Plunger
39	309-0140	1	*Plunger, Switch
40	518-0049	3	*†Screw, Machine - Round Head With ET Lockwasher (#8-32 x 1/4")
41	312-0116	1	*†Capacitor (.3 MFD, 300 VDC)
42	160-0002	1	*†Point Set
43	160-0717	1	*†Cup, Plunger Diaphragm
44	160-0718	1	*†Diaphragm, Plunger
45	160-0716	1	*†Plunger, Breaker
46	160-0806	1	Disc, Thrust Plunger
47	160-1224	1	*†Plate, Breaker
48	160-0721	1	Gasket, Breaker Plate
49	160-0774	1	Plunger, Thrust
50	160-0773	1	Spring, Thrust Plunger
51	160-0707	1	Gear and Cam Assembly, Timing (Includes Springs)
52	160-0711	2	Spring, Timing Weight
53	160-0720	1	Spacer, Timing Assembly

- Parts Included in 160-0698 Magneto Assembly.

† - Parts Included in 160-0762 Breaker Assembly.

* - Parts Included in 160-0714 Breaker Assembly.

STARTER (PRESTOLITE)
(SPEC A THROUGH MAY, 1989 DURING SPEC AD)

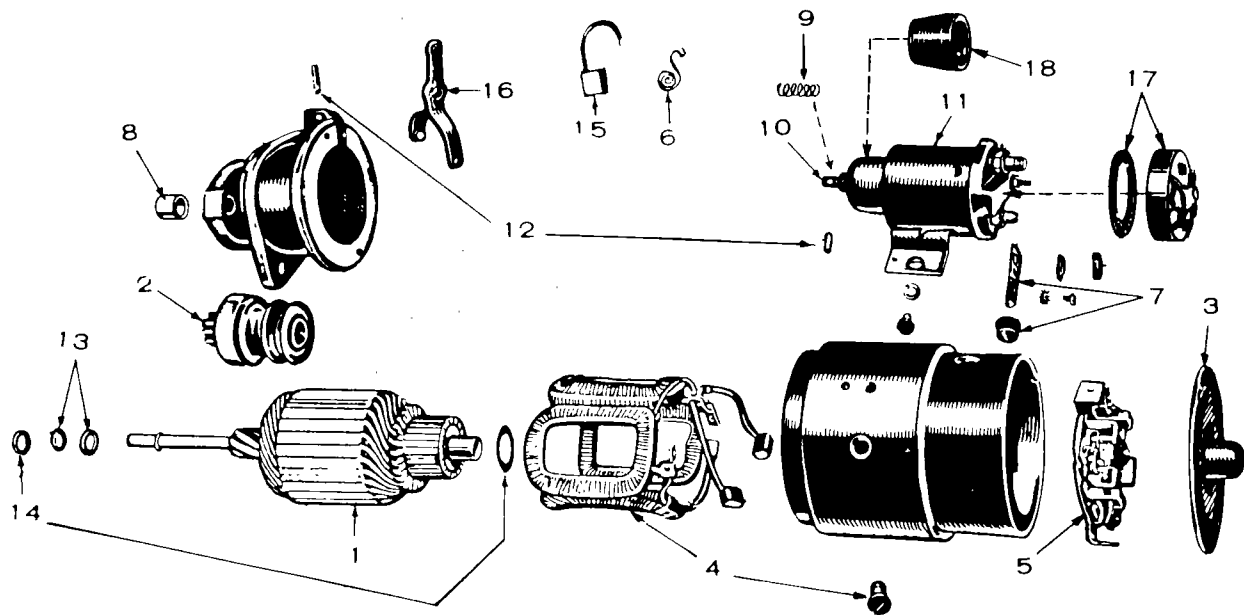


ES-1129

NOTE: Used on Sets With Parts Key Number 4.

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")	12	191-0365	1	Bracket, Starter
2	850-0050	2	Washer, Lock - Spring (3/8")	13	191-0324	1	Starter (See Separate Group for Components)
3	800-0053	1	SCREW, CAP - HEX HEAD 3/8-16 x 1-3/4"	14	CABLE, BATTERY - Key 2, 3, 4		
4	800-0054	2	Washer, Lock - Spring (3/8")		416-0021	2	Pressure Cooled Sets
5	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1-1/2")		416-0050	2	Sets Without Housing or Skid Mounting (21")
6	526-0026	1	Washer, Flat (13/32"ID x 3/4"OD x 1/16"Thk)		416-0077	2	Sets With Housing or Skid Mounting (36-1/2")
7	191-0311	1	Spacer, Starter		416-0021	2	Vacu-Flo Cooled Sets
8	191-1190	1	Flange, Starter		416-0133	1	Sets Without Starter (28")
9	800-0046	1	Screw, Cap - Hex Head (3/8-16 x 1/2")	15	416-0133	1	Sets With Starter (21")
10	864-0003	1	Nut, Hex (3/8-16)	16	416-0096	1	Cable, Battery Jumper - Key 2, 3, 4
11	856-0010	2	Washer, Lock - EIT (3/8")	17	338-0255	1	Clamp, Battery Cable
							Harness, Wiring

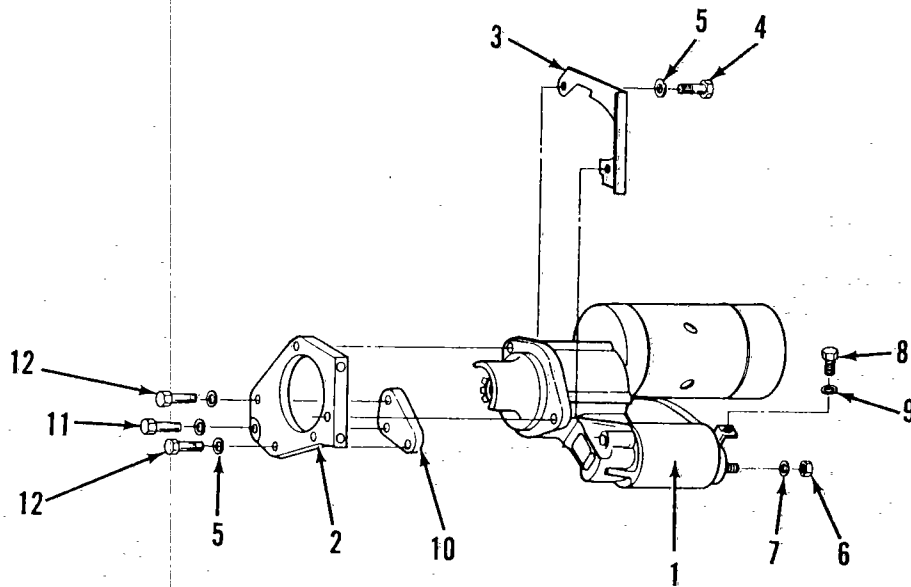
STARTER PARTS (PRESTOLITE)



ES-1098

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0324	1	Starter	11	191-0433	1	Switch, Solenoid
1	191-0712	1	Armature	12	191-1029	1	Yoke Parts Package
2	191-0432	1	Clutch	13	191-1030	1	Stop and Lock Ring Package, Pinion
3	191-1023	1	Head Assembly, Commutator End				
4	191-1024	1	Coil Package, Field	14	191-1031	1	Thrust Washer Package, Armature (Use as Required)
5	191-1025	1	Plate Assembly, Brush	15	191-0434	1	Brush Set, Service
6	191-1020	1	Spring Set, Brush (Set of 4)	16	191-1032	1	Yoke
7	191-1263	1	Connector Package	17	191-1569	1	Switch Cover and Stud Package
8	191-0497	1	Bearing (Bronze), Drive End	18	191-1134	1	Boot, Rubber - Part of Moving Core Assembly
9	191-1027	1	Spring, Plunger				
10	191-1028	1	Core Assembly, Moving				

**STARTER (MITSUBISHI)
(BEGIN JUNE, 1989 DURING SPEC AD)**



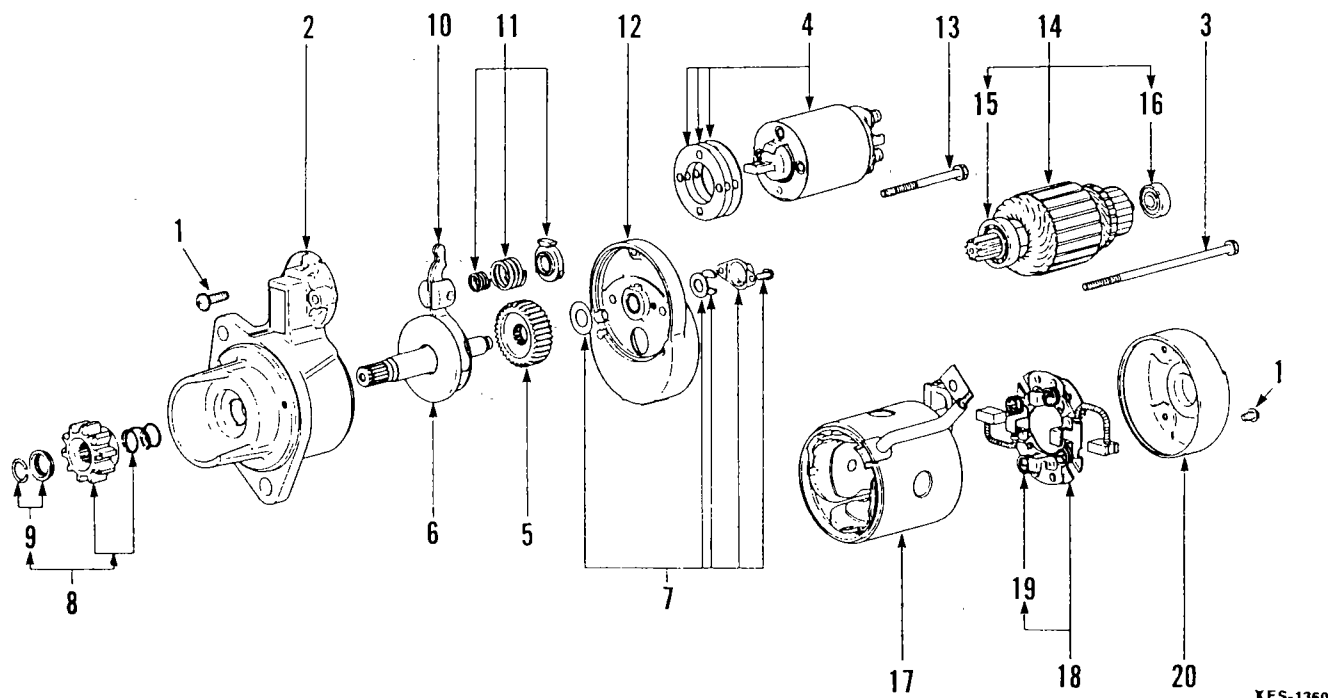
X ES-1359

NOTE: Used on Sets With Parts Key Number 4.

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-1398	1	Starter - 12 Volt DC Sets (See Separate Page for Components) (Includes Parts Marked *)
2	191-1400	1	Flange, Starter Mounting
3	134-4154	1	Baffle, Starter
4	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
5	850-0050	5	Washer, Lock - Spring (3/8")
6	860-2008	1	*Nut, Hex (M8) B+ Terminal
7	850-2008	1	*Washer, Lock - Spring (M8) B+ Terminal
8	800-2000	1	*Screw, Cap - Hex Head (M5 x 8MM) Solenoid Terminal
9	850-2005	1	*Washer, Lock - Spring (M5) Solenoid Terminal
10	191-0311	1	Spacer, Flange
11	800-0053	1	Screw, Cap - Hex Head (3/8-16 x 1-3/4")
12	800-0054	2	Screw, Cap - Hex Head (3/8-16 x 2")

* - Parts Included With 191-1398 Starter

STARTER PARTS (MITSUBISHI)



XES-1360

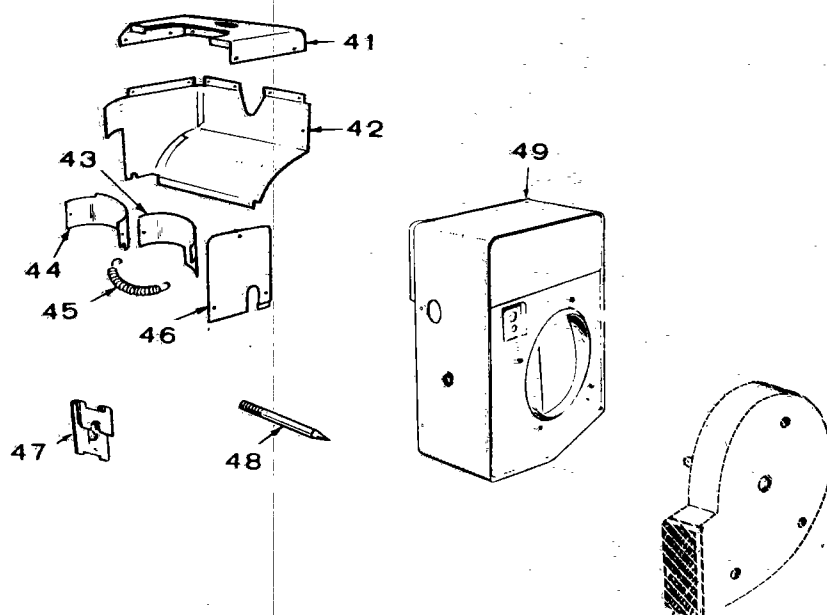
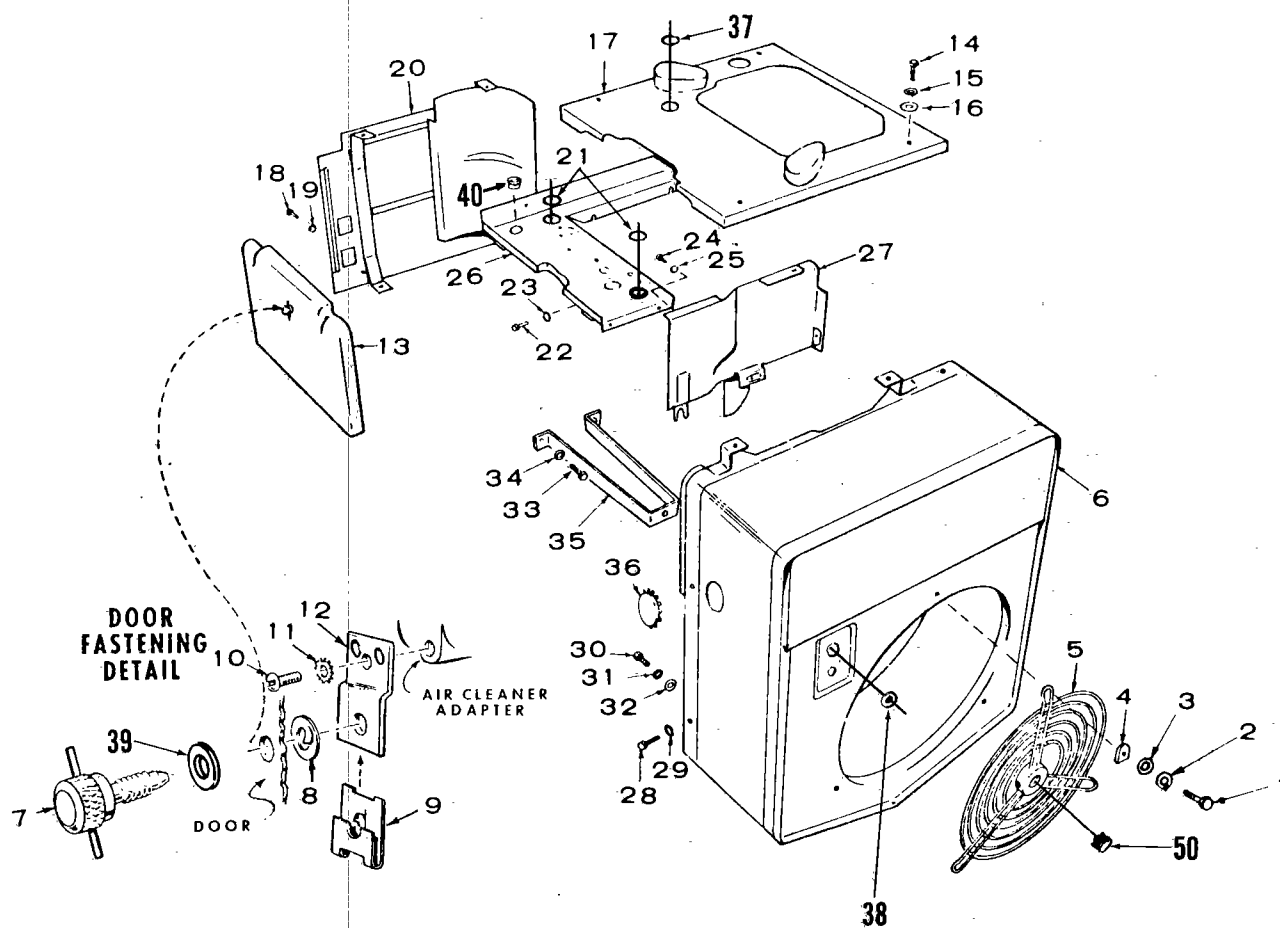
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-1398	1	Starter (12 Volt DC Sets)
1	191-1458	1	Screw Set
2	191-1459	1	Bracket, Front - Includes Bearing
3	191-1477	1	Bolt, Through
4	191-1478	1	Switch
5	191-1462	1	Gear
6	191-1463	1	Clutch
7	191-1464	1	Cover Set
8	191-1465	1	Pinion Set (Includes Parts Marked *)
9	191-1466	1	*Stopper Set
10	191-1467	1	Lever
11	191-1468	1	Spring Set
12	191-1469	1	Bracket, Center
13	191-1470	1	Bolt, Through
14	191-1471	1	Armature Assembly (Includes Parts Marked #)
15	191-1472	1	#Bearing, Center
16	191-1473	1	#Bearing, Rear
17	191-1474	1	Yoke - Includes Pole Shoes, Field Coil and Positive Brushes
18	191-1475	1	Holder Assembly, Brush (Includes Negative Brushes and Parts Marked ‡)
19	191-1007	4	‡Spring, Brush
20	191-1476	1	Bracket, Rear

* - Parts Included in 191-1465 Pinion Set

- Parts Included in 191-1471 Armature Assembly

‡ - Parts Included in 191-1475 Brush Holder Assembly

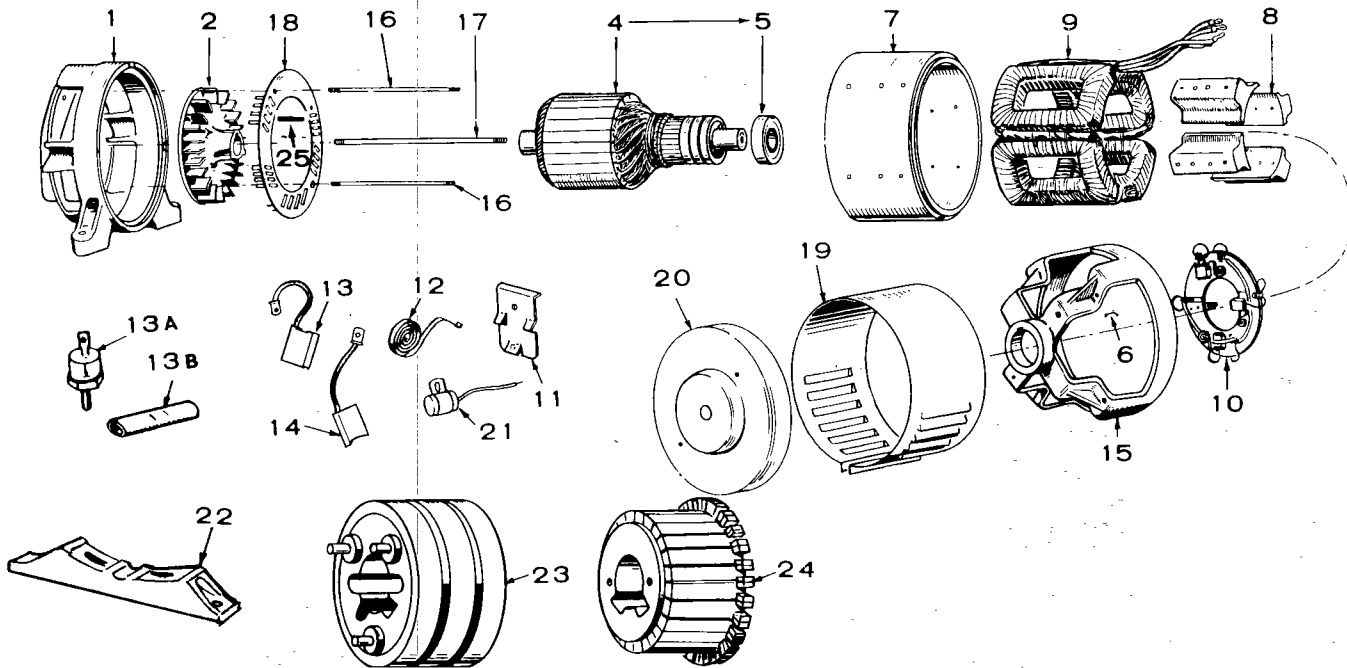
AIR HOUSING



AIR HOUSING

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	SCREW, CAP - HEX HEAD			24	815-0235	1	Screw, Cap - Hex Head (Pointed Tip) (1/4-20 x 5/8")
	800-0007	3	Spec A through AB (1/4-20 x 1")	25	853-0013	1	Washer, Lock - ET (1/4")
	800-0028	3	Begin Spec AC (5/16-18 x 1")	26	134-1419	1	Panel, Cylinder Air - Bottom
2	WASHER, LOCK - SPRING			27	134-1048	1	Housing, Cylinder Air - Front
	850-0040	3	Spec A through AB (1/4")	28	SCREW		
	850-0045	3	Begin Spec AC (5/16")		815-0235	6	Spec A through AB - Hex Head Cap (Pointed Tip) (1/4-20 x 5/8")
3	526-0115	3	Washer, Flat (11/32"ID x 11/16"OD x 1/16"Thk) Spec A through AB		821-0014	9	Begin Spec AC - Locking Head (5/16-18 x 1/2")
4	134-1092	3	Retainer, Grille			6	Washer, Lock - IT (1/4")
5	GRILLE			29	854-0014	3	Spec A through AB - Hex Head Cap (1/4-20 x 1")
	134-1091	1	Hand Crank Sets	30	SCREW	3	Begin Spec AC - Locking Head (1/4-20 x 1/2")
	134-1178	1	Electric Start Sets		800-0007	3	Washer, Lock - Spring (1/4") Spec A through AB
6	134-1050	1	Housing, Blower - Sets Without Vacu-Flo Cooling		821-0010	3	Washer, Flat (11/32"ID x 11/16"OD x 1/16"Thk) Spec A through AB
7	134-1373	1	Screw, Door Panel	31	850-0040	2	Spec A through AB - Hex Head Cap (5/16-18 x 1/2")
8	134-1180	1	Washer, Door Panel			2	Begin Spec AB - Locking Head (5/16-18 x 1/2")
9	870-0194	5	Nut, Retainer ("J" Type) Panel and Covers	34	850-0040	2	Washer, Lock - Spring (1/4") Spec A through AB
10	813-0098	1	Screw, Machine - Round Head (#10-32 x 3/8")	35	134-1085	1	Support, Blower Housing
11	853-0008	1	Washer, Lock - ET (#10)	36	517-0035	1	Plug, Dot Button (1-1/16" Hole)
12	134-1554	1	Bracket, Door Panel	37	508-0021	2	Grommet, Rubber (3/4" Hole) Sets With Day Tank
13	134-1039	1	Panel, Door	38	508-0109	1	Grommet, Rubber (1" Hole)
14	SCREW			39	526-0016	1	Washer, Flat (17/64"ID x 9/16"OD x 1/32"Thk) Begin Spec AC Fitting
	815-0235	4	Spec A through AB - Hex Head Cap (Pointed Tip) (1/4-20 x 5/8")	40		1	Grommet, Rubber - Spec A Through AC
	821-0010	4	Begin Spec AC - Locking Head (1/4-20 x 1/2")		508-0117	1	Plug, Cap - Begin Spec AD
15	850-0040	4	Washer, Lock - Spring (1/4") Spec A through AB		517-0108	1	Cover, Air Housing - Key 2,3,4 Sets With Vacu-Flo Cooling
16	526-0021	4	Washer, Flat (17/64"ID x 3/4"OD x 1/16"Thk)	41	134-1327	1	Shroud, Air Housing - Key 2,3,4 Sets With Vacu-Flo Cooling
17	COVER, CYLINDER AIR HOUSING (Sets Without Vacu-Flo Cooling)			42	134-1328	1	Shroud, Cylinder (Front) Key 2,3,4 - Sets With Vacu-Flo Cooling
	134-1121	1	Spec A through Q Begin Spec R	43	134-1109	1	Shroud, Cylinder (Rear) Key 2,3,4 - Sets With Vacu-Flo Cooling
	134-1787	1	Gasoline Sets	44	134-1337	2	Spring, Cylinder Shroud - Key 2,3,4 - Sets With Vacu-Flo Cooling
	134-1909	1	Gas and Gas-Gasoline Sets	45	134-0944	1	Cover, Governor Access - Key 2,3,4 - Sets With Vacu-Flo Cooling
	134-1843	1	Sets With Day Tank	46	134-1415	9	Nut, Speed ("J" Type) Shroud and Cover - Key 2,3,4 - Sets With Vacu-Flo Cooling
18	SCREW			47	870-0107	1	Pointer, Timing - Key 2,3,4 Sets With Vacu-Flo Cooling
	813-0097	2	Spec A through AB - Round Head Machine (#10-32 x 5/16")	48	104-0528	1	Housing, Blower - Key 2,3,4 Sets With Vacu-Flo Cooling
			Begin Spec AC	49	134-1325	1	Plug, Plastic
	815-0181	2	Hex Head - Thread Cutting (#10-32 x 1/2")	50	517-0108		
	821-0010	1	Locking Head (1/4-20 x 1/2")				
19	854-0010	2	Washer, Lock - IT (#10) Spec A through AB				
20	134-1051	1	Housing, Cylinder Air - Rear				
21	508-0005	2	Grommet, Rubber (9/16" Hole)				
22	SCREW						
	815-0235	1	Spec A through AB - Hex Head Cap (Pointed Tip) (1/4-20 x 5/8")				
	812-0148	2	Begin Spec AC - Round Head Machine (1/4-20 x 1/2")				
23	WASHER, LOCK						
	853-0013	1	Spec A through AB - ET (1/4")				
	854-0013	2	Begin Spec AC - IT (#12)				

GENERATOR — SPEC A THROUGH Z (REVOLVING ARMATURE TYPE)



NOTE: Used on Sets With Parts Key Numbers 1, 2, 3.

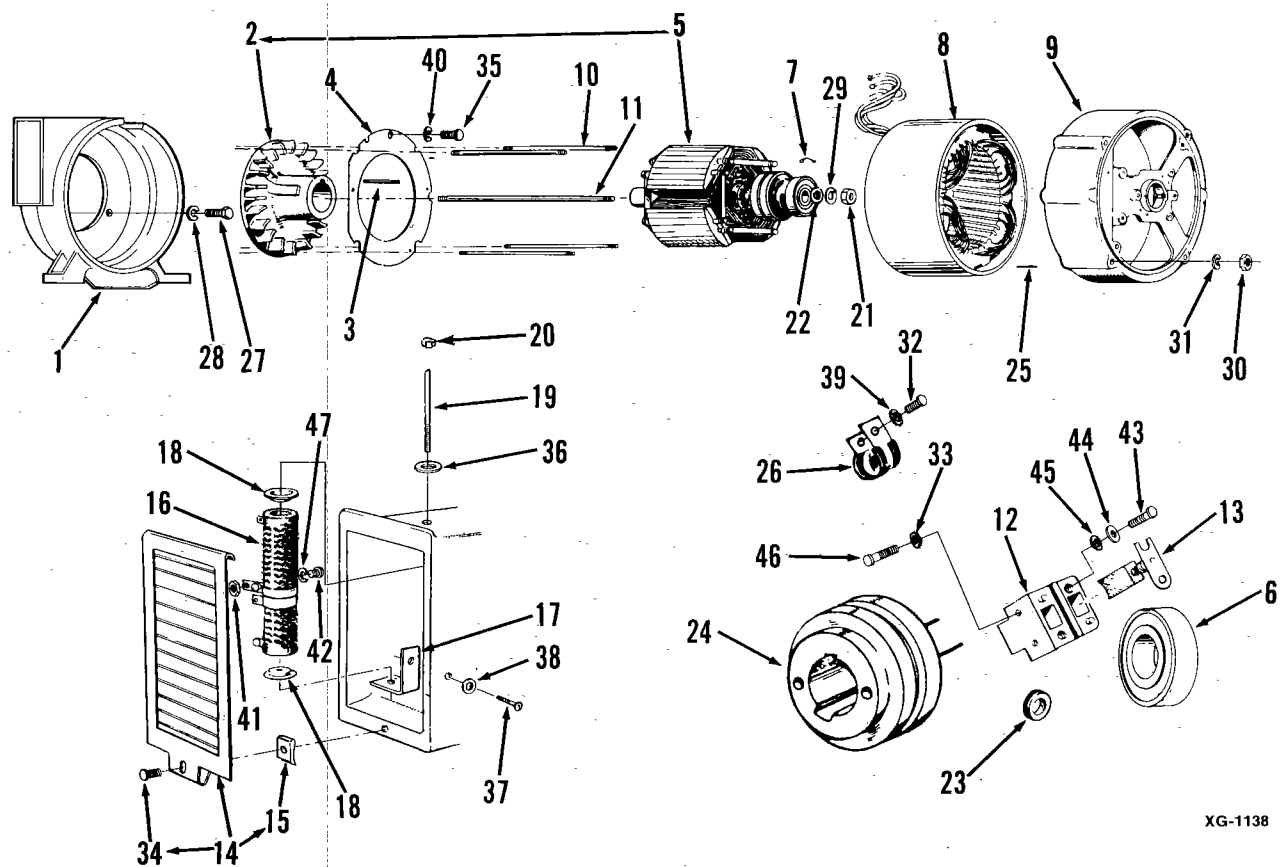
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	ADAPTER			5	510-0047	1	Bearing
	231-0100	1	Spec A through G	6	232-0596	1	Clip, Bearing Stop
	231-0113	1	Begin Spec H	7	210-0347	1	Frame Only (Less Coils & Poleshoes)
			Key 1, 2	8	221-0090	4	Shoe Assembly, Pole
	231-0120	1	All Except Mobile Application	9	COIL ASSEMBLY, FIELD (Set of 4 Coils)		
	231-0112	1	Mobile Application				Key 1
2	205-0065	1	Blower		222-1600	1	Spec A through N
4	ARMATURE ASSEMBLY (Includes Bearing and Blower)				222-1658	1	Begin Spec P
	201-1107	1	5.0JB-1M Sets				Key 2, 3
	201-1111	1	5.0JB-3M Sets		222-1591	1	Spec A through N
	*	1	6.0JB-1M Sets		222-1639	1	Begin Spec P
	*	1	6.0JB-3M Sets	10	RIG ASSEMBLY, BRUSH		
	201-1177	1	4.0JB-52R Sets				Key 1, 2
	201-1408	1	4.0JB-57R Sets		212-0391	1	120 V, 1 Phase
	201-1329	1	5.0JB-52R Sets		212-0393	1	120/240 V, 1 Phase
	201-1408	1	5.0JB-57R Sets		212-0392	1	240 V, 1 Phase
	201-1108	1	5.0JB-1R Sets		212-0396	1	120/240 V, 1 Phase Reconnectable and 120/208 V, 3 Phase
	201-1111	1	5.0JB-3R Sets		212-0395	1	240 V, 3 Phase
	201-1161	1	5.0JB-3CR Sets				Key 3
	201-1108	1	6.0JB-1R Sets		212-0317	1	120 V, 1 Phase
	201-1271	1	6.0JB-2R Sets		212-0329	1	240 V, 1 Phase
	201-1111	1	6.0JB-3R Sets		212-0404	1	120/240 V, 1 Phase and 240 V, 3 Phase
	201-1161	1	6.0JB-3CR Sets		212-0316	1	120/208 V, 3 Phase
	201-1179	1	6.0JB-4R Sets		*	1	220/380 V, 3 Phase
	201-1241	1	6.0JB-5R Sets				
	201-1538	1	6.1JB-51R Sets		SPRING, BRUSH		
	201-1445	1	6.1JB-52R Sets				Key 1, 2 - Spec A through H
	201-1448	1	6.1JB-53R Sets	11	212-1105	8	120 V & 240 V, 1 Phase (AC & DC)
	201-1547	1	6.1JB-55R Sets				
	201-1493	1	6.1JB-57R Sets	11	212-1105	4	120/240 V, 1 Phase, Reconnectable (DC)
	201-1411	1	7.6JB-1R Sets				
	201-1475	1	7.6JB-2R Sets	11	212-1123	4	120/240 V, 1 Phase Reconnectable (AC)
	201-1419	1	7.6JB-3R Sets				
	201-1420	1	7.6JB-4R Sets	11	212-1105	4	120/208 V, 3 Phase (DC)
	201-1446	1	7.6JB-5R Sets	11	212-1123	4	120/208 V, 3 Phase (AC)

GENERATOR — SPEC A THROUGH Z (REVOLVING ARMATURE TYPE)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	212-1105	7	240 V, 3 Phase (AC & DC)				Key 3
12	212-1003	4	120/240 V, Non-Reconnectible, 1 Phase (DC)		520-0045	1	120 V, & 240 V, 1 Phase
12	212-1004	3	120/240 V, 1 Phase (AC)		520-0516	1	120/240 V, 1 Phase and 120/208 V, & 240 V, 3 Phase
			Key 1, 2 - Begin Spec K	18	SCROLL, GENERATOR AIR		
11	212-1105	8	120 V & 240 V, 1 Phase, 120/240 V, 1 Phase, Reconnectible, & 120/208 V, 3 Phase (AC & DC)		232-1256	1	Key 1, 2
					232-1815	1	Key 3
11	212-1105	7	240 V, 3 Phase, & 120/240 V, 1 Phase, Non-Reconnectible, (AC & DC)	19	BAND, END BELL		
			Key 3		234-0002	1	120 V, 60 Hertz, 1 Phase, & 240 V, 50 & 60 Hertz, 1 Phase - Spec A through N
11	212-1105	12	120 V & 240 V, 1 Phase (AC & DC)		234-0255	1	120 V, 60 Hertz, 1 Phase, & 240 V, 50 & 60 Hertz, 1 Phase - Begin Spec P
11	212-1105	14	120/240 V, 1 Phase, & 240 V, 3 Phase (AC & DC)		234-0005	1	120/240 V, 60 Hertz, 1 Phase, 120/208 V, 60 Hertz, 3 Phase, 220/380 V, 50 Hertz, 3 Phase, & 240 V, 60 Hertz, 3 Phase - Spec A through N
11	212-1105	16	120/208 V, 3 Phase (AC & DC)		234-0256	1	120/240 V, 60 Hertz, 1 Phase, 120/208 V, 60 Hertz, 3 Phase, 220/380 V, 50 Hertz, 3 Phase, & 240 V, 60 Hertz, 3 Phase - Begin Spec P
13	BRUSH, COMMUTATOR (DC)				234-0228	1	Housed Sets Only
			Key 1, 2	20	COVER, END BELL		
	214-0061	4	Spec A through J 120 V, 240 V and 120/240 V (Reconnectible), 1 Phase and 120/208 V and 240 V, 3 Phase		211-0099	1	Unhoused Sets - Spec A through N
	214-0030	4	120/240 V, 1 Phase, Non-Reconnectible		211-0114	1	Unhoused Sets - Begin Spec P
	214-0061	4	Begin Spec K		*	1	Housed Sets Only
	214-0088	8	Key 3	21	CONDENSER		
13A	358-0007	1	Rectifier - Begin Spec P		312-0058	As Req	AC (.1 Mfd.)
13B	332-0556	1	Connector - Begin Spec P				DC (.5 Mfd.)
14	BRUSH, COLLECTOR RING (AC)				312-0017	1	120 V, 120/240 V, 1 Phase
			Key 1, 2		312-0027	1	120/208 V, 3 Phase
	214-0050	4	240 V, 1 Phase & 3 Phase	22	232-1811	1	Support, Generator - Key 3
	214-0056	4	120 V, & 120/240 V (Reconnectible), 1 Phase, and 120/208 V, 3 Phase	23	RING, COLLECTOR		
	214-0062	3	120/240 V, 1 Phase, Non-Reconnectible - Spec A through J		204-0009	1	Key 1, 2
	214-0056	3	120/240 V, 1 Phase, Non-Reconnectible - Begin Spec K		204-0010	1	120 V & 240 V, 1 Phase
			Key 3		204-0092	1	120/240 V, 1 Phase, Non-Reconnectible & 240 V, 3 Phase
	214-0056	4	120 V, 1 Phase				120/240 V, 1 Phase, Reconnectible & 120/208 V, 3 Phase & 220/308 V, 3 Phase
	214-0050	4	240 V, 1 Phase				Key 3
	214-0050	6	120/240 V, 1 Phase, & 240 V, 3 Phase		204-0019	1	120 V & 240 V, 1 Phase
	214-0050	8	120/208 V, 3 Phase		204-0020	1	120/240 V, 1 Phase & 240 V, 3 Phase
15	BELL, END				204-0079	1	120/208 V, 3 Phase
	211-0097	1	120 V, 60 Hertz, 1 Phase, & 240 V, 50 & 60 Hertz, 1 Phase		204-0075	1	220/380 V, 3 Phase
	211-0098	1	120/240 V, 60 Hertz, 1 Phase, 120/208 V, 60 Hertz, 3 Phase, 220/380 V, 50 Hertz, 3 Phase, & 240 V, 60 Hertz, 3 Phase	24	COMMUTATOR		
					203-0127	1	Key 1, 2
16	STUD, GENERATOR THROUGH						Key 3
	520-0498	2	Key 1, 2		203-0014	1	All Except 120/208 V, 3 Phase, & 220/380 V, 3 Phase
	520-0487	2	Key 3				120/208 V, 3 Phase & 220/380 V, 3 Phase
17	STUD, ARMATURE THROUGH			25	515-0103	1	Key, Blower to Rotor
			Key 1, 2				
	520-0407	1	120 V, & 240 V, 1 Phase				
	520-0595	1	120/240 V, 1 Phase and 120/208 V, & 240 V, 3 Phase				

* - Refer to Factory With Complete Model Specification Number and Serial Number.

GENERATOR — SPEC A THROUGH Z (REVOLVING FIELD TYPE)



XG-1138

GENERATOR — SPEC A THROUGH Z (REVOLVING FIELD TYPE)

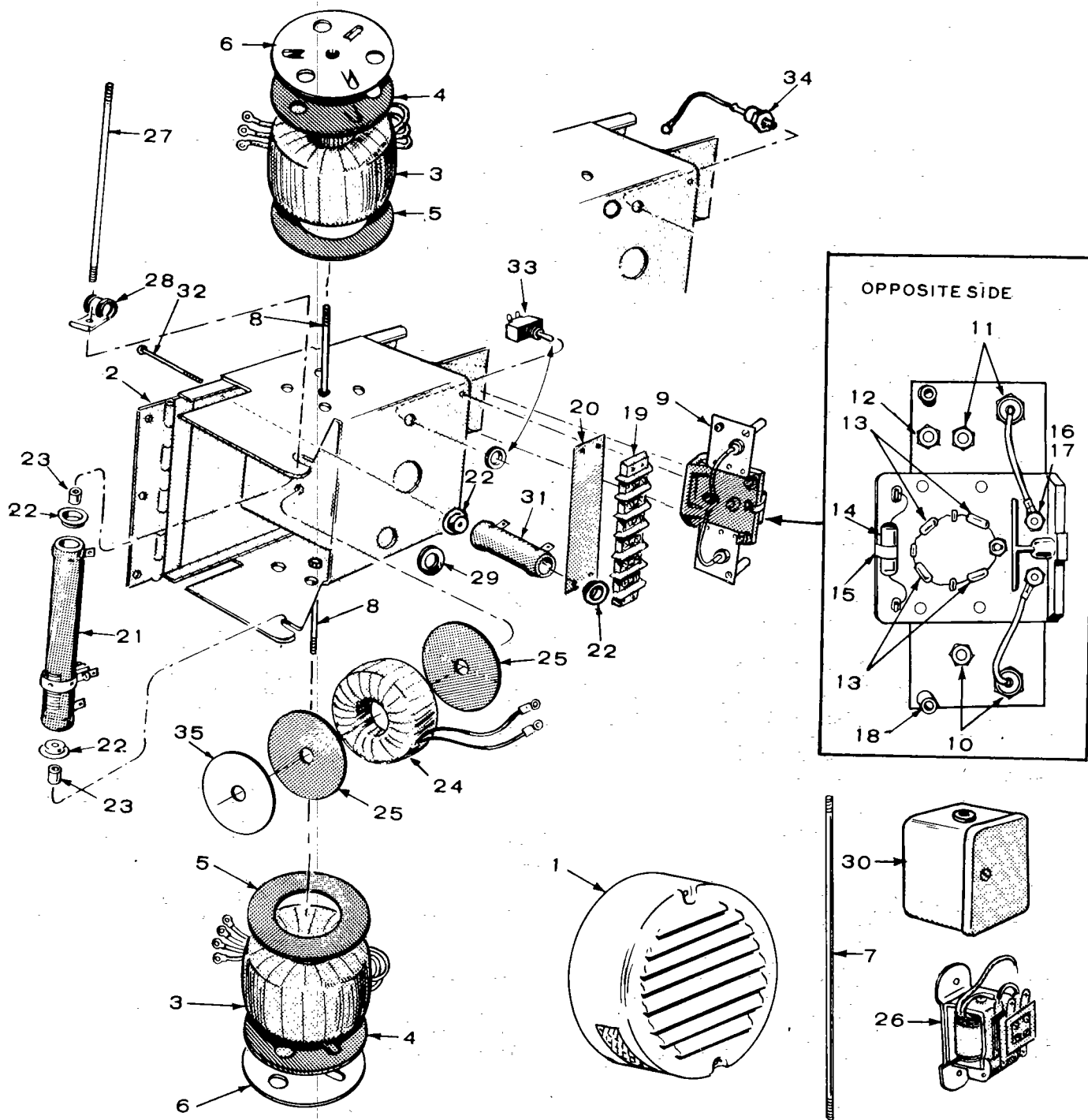
Note: Used on Sets with Parts Key Number 4.

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	ADAPTER, GENERATOR			17	232-1565	1	Bracket, Resistor Mounting
	231-0099	1	Spec A through G	18	304-0006	2	Washer, Resistor Centering
	231-0111	1	Begin Spec H	19	520-0620	1	Stud, Resistor Mounting
	231-0112	1	Mobile Electric Power Plants	20	866-0001	1	Nut, Acorn (1/4-20)
2	205-0064	1	*Fan, Generator	21	870-0203	1	Nut, Rotor through Stud
3	515-0103	1	*Key, Fan to Rotor	22	232-0200	1	Washer - Cone Shaped (Special) Rotor through Stud
4	234-0162	1	Baffle, Generator Air				
5	201-1120	1	Rotor Assembly, Generator (Includes Parts Marked *)	23	GROMMET, RUBBER		
6	510-0047	1	*Bearing, Rotor		508-0095	1	Air Baffle
7	232-0596	1	Clip, Bearing Stop		508-0112	1	Lead Outlet
8	STATOR, GENERATOR			24	204-0061	1	*Ring, Collector
			50 Hertz	25	516-0138	2	Pin, Roll (3/16" x 5/8") Alignment
	220-0693	1	Single Phase	26	332-0050	1	Clip - Brush Wires
			Three Phase	27	SCREW, CAP — HEX HEAD		
	220-0740	1	120/208 Volt		800-0050	2	3/8-16 x 1"
	220-0729	1	120/240 Volt		800-0051	2	3/8-16 x 1-1/4"
	220-0671	1	220/380 Volt	28	850-0050	4	Washer, Lock - Spring (3/8")
			60 Hertz	29	850-0055	1	Washer, Lock - Spring (7/16")
	220-0596	1	Single Phase	30	862-0015	4	Nut, Hex (5/16 - 18)
			Three Phase	31	850-0045	4	Washer, Lock - Spring (5/16")
	220-0603	1	120/208 Volt	32	811-0098	1	Screw, Machine - Round Head Brass (#10-32 x 3/8")
	220-0629	1	120/240 Volt	33	856-0002	4	Washer, Lock - EIT (#8)
	220-0663	1	277/480 Volt	34	809-0046	1	#Screw, Sheet Metal - Round Head (#10 x 3/4")
	220-0742	1	347/600 Volt	35	813-0098	5	Screw, Machine - Round Head (#10-32 x 3/8")
9	BELL, END			36	850-0040	1	Washer, Lock - Spring (1/4")
	211-0138	1	Spec A through G	37	812-0150	1	Screw, Machine - Round Head (1/4-20 x 5/8")
			Begin Spec H	38	850-0040	1	Washer, Lock - Spring (1/4")
	211-0146	1	Sets Without Overspeed Switch	39	856-0003	1	Washer, Lock - EIT (#10)
	211-0152	1	Sets With Overspeed Switch	40	850-0030	5	Washer, Lock - Spring (#10)
10	STUD, GENERATOR THROUGH			41	871-0010	1	Nut, Hex - Brass (#10-32)
			Standard Models	42	811-0098	1	Screw, Machine - Round Head Brass (#10-32 x 3/8")
	520-0636	4	50 Hertz	43	812-0085	4	Screw, Machine - Round Head (#8-32 x 1-1/8")
			60 Hertz	44	526-0049	4	Washer, Flat (13/64"ID x 7/16"OD x 1/32"Thk)
	520-0601	4	Spec A through D	45	856-0002	4	Washer, Lock - EIT (#8)
	520-0636	4	Begin Spec E	46	812-0086	4	Screw, Machine - Round Head (#8-32 x 1-1/4")
			X-Ray Models	47	856-0003	1	Washer, Lock - EIT (#10)
	520-0607	4	Spec A through D				
	520-0638	4	Begin Spec E				
11	STUD, ROTOR THROUGH						
	520-0612	1	Standard Models				
	520-0613	1	X-Ray Models				
12	212-1064	2	Block, Collector Ring Brush				
13	214-0059	4	Brush, Collector Ring				
14	234-0163	1	Cover Assembly, Air Outlet (Includes Parts Marked #)				
15	870-0177	1	#Nut, Speed (#10)				
16	304-0500	1	Resistor, Tapped - Adjustable				

* - Parts Included in 201-1120 Generator Rotor Assembly.

- Parts Included in 234-0163 Cover Assembly.

GENERATOR EXCITER — SPEC A THROUGH Z



NOTE: 02SX1N1A used on 60 Hertz Sets Spec A and B.
 04SX1N1A used on 60 Hertz Sets Spec C through G.
 04SX1N1B used on all 60 Hertz Sets Spec H through M.
 04SX1N1B used on all 60 Hertz Sets (Except 120/240 Volt, 1 Phase and 120/208 Volt, 3 Phase) Begin Spec P.
 04SX1N3B used on all 120/240 Volt, 1 Phase and 120/208 Volt, 3 Phase, 60 Hertz Sets Begin Spec P.
 06SX51N1B used on all 50 Hertz Sets Spec A through N.
 06SX51N1B used on all 50 Hertz Sets (Except 120/240 Volt, 1 Phase and 120/208 Volt, 3 Phase) Begin Spec P.
 06SX51N3B used on 120/240 Volt, 1 Phase and 120/208 Volt, 3 Phase, 50 Hertz Sets Begin Spec P.

Check Set nameplate for Magneciter number and use correct column.

GENERATOR EXCITER — SPEC A THROUGH Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED										
			A	B	C	D	E	F	G	H	J	K	
		02SX1N1A Use Column A	X										
		04SX1N1A Use Column B		X									
		04SX1N1B Use Column C			X								
		04SX1N3B Use Column D				X							
		06SX1N1A Use Column E					X						
		06SX1N1B Use Column F						X					
		06SX1N3B Use Column G							X				
		06SX51N1A Use Column H								X			
		06SX51N1B Use Column J									X		
		06SX51N3B Use Column K										X	
	209-0001	Exciter, Complete (Less Cover)	1										
	209-0002	Exciter, Complete (Less Cover)		1									
	209-0003	Exciter, Complete (Less Cover)			1								
	209-0005	Exciter, Complete (Less Cover)				1							
	209-0007	Exciter, Complete (Less Cover)					1						
	209-0008	Exciter, Complete (Less Cover)						1					
	209-0010	Exciter, Complete (Less Cover)							1				
	209-0011	Exciter, Complete (Less Cover)								1			
	209-0012	Exciter, Complete (Less Cover)									1		
	209-0013	Exciter, Complete (Less Cover)										1	
1	234-0154	• Cover, Exciter	1	1			1			1			
1	234-0185	• Cover, Exciter			1	1		1	1		1	1	
2	234-0153	Panel Only, Exciter	1	1			1			1			
2	234-0188	Panel Only, Exciter			1	1		1	1		1	1	
3	315-0084	Reactor, Gate	2										
3	315-0099	Reactor, Gate		2	2	2							
3	315-0102	Reactor, Gate					2	2	2				
3	315-0104	Reactor, Gate								2	2	2	
4	232-1553	Gasket, Gate Reactor Mounting - Outer	2	2	2	2		2	2		2	2	
4	232-1608	Gasket, Gate Reactor Mounting - Outer					2			2			
5	232-1551	Gasket, Gate Reactor Mounting - Inner	2	2	2	2	2	2	2	2	2	2	
6	232-1552	Retainer, Gate Reactor	2	2	2	2		2	2		2	2	
6	234-0191	Retainer, Gate Reactor					2			2			
7	520-0211	Stud, Gate Reactor Mounting	1	1			1			1			
8	800-0013	Screw, Cap - Hex Head (1/4-20 x 2-1/2")			2	2							
8	800-0015	Screw, Cap - Hex Head (1/4-20 x 3")						2	2		2	2	
9	305-0259	Rectifier Assembly (Includes Parts Marked †)	1	1	1								
9	305-0387	Rectifier Assembly (Includes Parts Marked Δ)				1							
9	305-0264	Rectifier Assembly (Includes Parts Marked *)					1	1		1	1		
9	305-0388	Rectifier Assembly (Includes Parts Marked £)							1			1	
10	305-0238	†Δ*£ Rectifier Only, Power Field (Negative)	2	2	2	2	2	2	2	2	2	2	
11	305-0239	†Δ*£ Rectifier Only, Power Field (Positive)	2	2	2	2	2	2	2	2	2	2	
12	305-0239	Δ£ Rectifier Only, Field Flash				1			1			1	
13	305-0240	†Δ*£ Rectifier, Voltage Control	4	4	4	4	4	4	4	4	4	4	

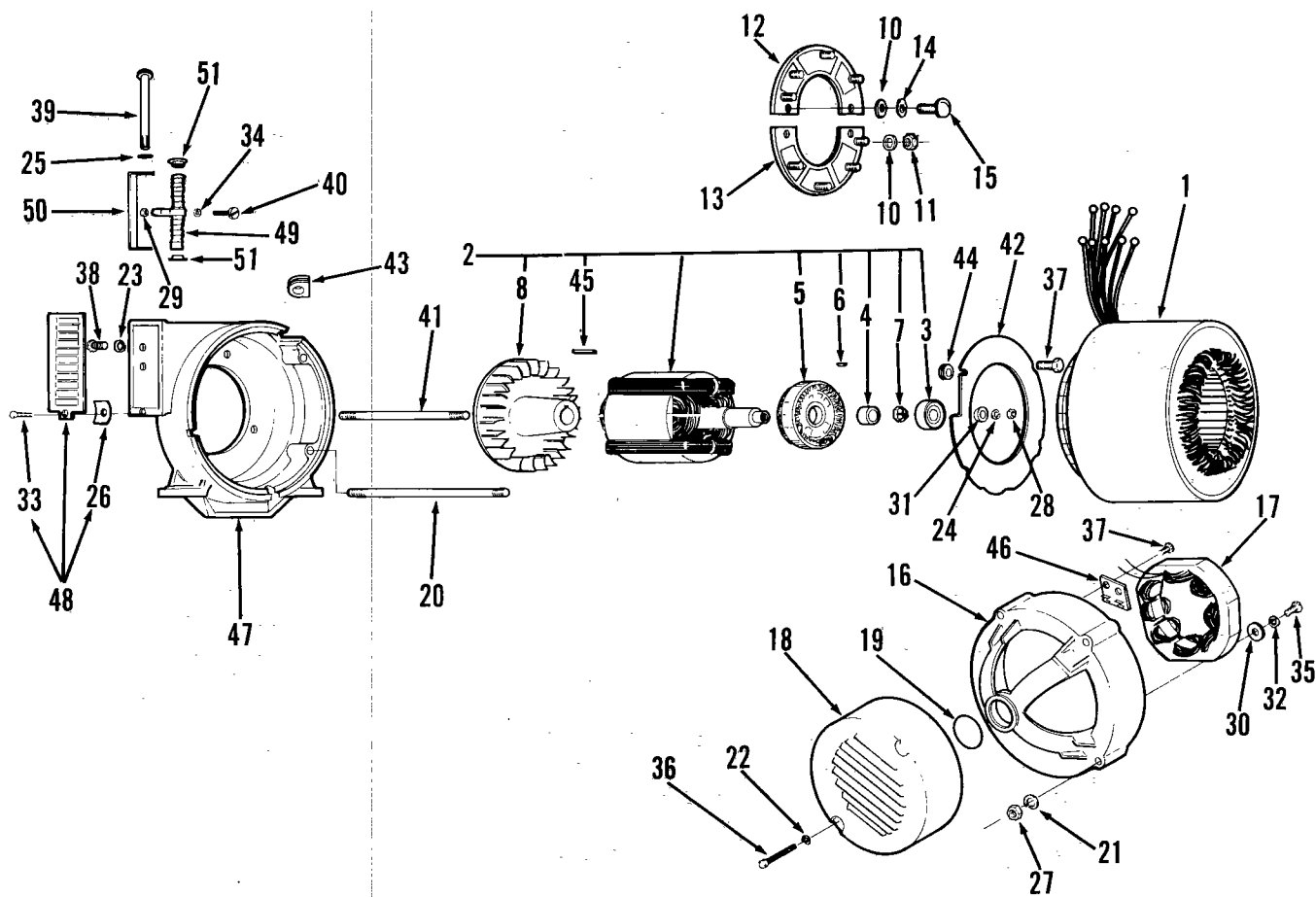
GENERATOR EXCITER — SPEC A THROUGH Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED									
			A	B	C	D	E	F	G	H	J	K
14	304-0476	†ΔResistor (500-Ohm, 5 Watt)	1	1	1	1						
14	304-0512	*£Resistor (150-Ohm, 50 Watt)					1	1	1	1	1	1
15	304-0498	†Δ*£Clip, Resistor Mounting	1	1	1	1	1	1	1	1	1	1
16	332-0697	†Δ*£Stud, Terminal (Flat Head)	2	2	2	2	2	2	2	2	2	2
17	332-0698	†Δ*£Stud, Terminal (Extended Slotted Head)	1	1	1	1	1	1	1	1	1	1
18	870-0196	†Δ*£Fastener (Compression Type)	2	2	2	2	2	2	2	2	2	2
19	332-0699	Block, Terminal	1	1			1			1		
19	332-0745	Block, Terminal			1	1		1	1		1	1
20	332-0700	Strip, Block Marker	1									
20	332-0738	Strip, Block Marker		1			1			1		
20	332-0746	Strip, Block Marker			1			1			1	
20	332-0925	Strip, Block Marker				1			1			1
21	304-0489	Resistor, Fixed (200-Ohm, 50 Watt)	1									
21	304-0511	Resistor, Tapped - 500-Ohm (425 Fixed, 75 Adj.)		1			1			1		
21	304-0527	Resistor, Tapped - 500-Ohm (425 Fixed, 75 Adj.)			1	1		1	1		1	1
22	304-0015	Washer, Centering - Resistor	2	4	4	4	4	4	4	4	4	4
23	232-1473	Spacer, Resistor Mounting	2									
23	232-1550	Spacer, Resistor Mounting		2			2			2		
23	232-1474	Spacer, Resistor Mounting			2	2		2	2		2	2
24	315-0085	Reactor, Voltage Control	1									
24	315-0100	Reactor, Voltage Control		1	1	1	1	1	1			
24	315-0105	Reactor, Voltage Control								1	1	1
25	232-1548	Gasket, Voltage Control Reactor	2	2	2	2	2	2	2	2	2	2
26	307-0584	Relay, Field Build-Up	1									
27	520-0641	Stud, Tapped Resistor Mounting	1		1	1		1	1		1	1
27	812-0116	Screw, Tapped Resistor Mounting (RHMS #10-24 x 4-1/2")		1			1			1		
28	332-0050	Clip, Loop	1	1			1			1		
28	332-0052	Clip, Loop			1	1		1	1		1	1
29	508-0008	Grommet, Rubber (For 7/8" Hole)	1	1	1	1	1	1	1	1	1	1
30	307-0643	Cover, Field Relay	1									
31	304-0510	Resistor, Fixed (250-Ohm, 25 Watt)		1	1	1	1	1	1	1	1	1
32	813-0112	Screw, Fixed Resistor Mounting (RHMS #10-32 x 2-1/2")		1	1	1	1	1	1	1	1	1
33	308-0175	Switch, Residual Reset			1			1			1	
34	305-0238	Rectifier, Power Field - Negative				1			1			1
35	526-0173	Washer, Retainer - Voltage Control Reactor	1	1	1	1	1	1	1	1	1	1
ASSOCIATED HARDWARE (NOT ILLUSTRATED)												
		SCREW, MACHINE - ROUND HEAD										
	812-0156	1/4-20 x 1-1/2"										
	813-0101	#10-32 x 9/16"										
	811-0098	#10-32 x 3/8" (Brass)										
	813-0098	#10-32 x 3/8"										
	815-0190	#8-32 x 3/8"										
	815-0198	#8-32 x 5/8"										
	815-0001	Screw, Machine - Binder Head (Brass) (#6-32 x 1/4")										

GENERATOR EXCITER — SPEC A THROUGH Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED										
			A	B	C	D	E	F	G	H	J	K	
		WASHER, FLAT											
	526-0003	11/64" ID x 3/8" OD x 1/32" Thk						As Required					
	526-0048	.172" ID x 3/8" OD x 1/32" Thk						As Required					
	526-0049	.200" ID x 7/16" OD x 1/32" Thk						As Required					
	526-0179	7/32" ID x 5/8" OD x 1/16" Thk						As Required					
		WASHER, LOCK - SPRING											
	850-0030	#10						As Required					
	850-0040	1/4"						As Required					
	853-0005	Washer, Lock - ET						As Required					
		WASHER, LOCK - IT											
	854-0007	#8						As Required					
	854-0010	#10						As Required					
	854-0014	1/4"						As Required					
		NUT, HEX											
	860-0008	#8-32						As Required					
	860-0011	#10-24						As Required					
	862-0001	1/4-20						As Required					
	870-0053	#10-32						As Required					
	871-0005	#6-32 (Brass)						As Required					
	871-0007	#8-32 (Brass)						As Required					
	871-0010	#10-32 (Brass)						As Required					
		• - Use 234-0223 cover for housed sets.											
		† - Parts included in 305-0259 Rectifier Assembly.											
		Δ - Parts included in 305-0387 Rectifier Assembly.											
		* - Parts included in 305-0264 Rectifier Assembly.											
		£ - Parts included in 305-0388 Rectifier Assembly.											

GENERATOR — BEGIN SPEC AA



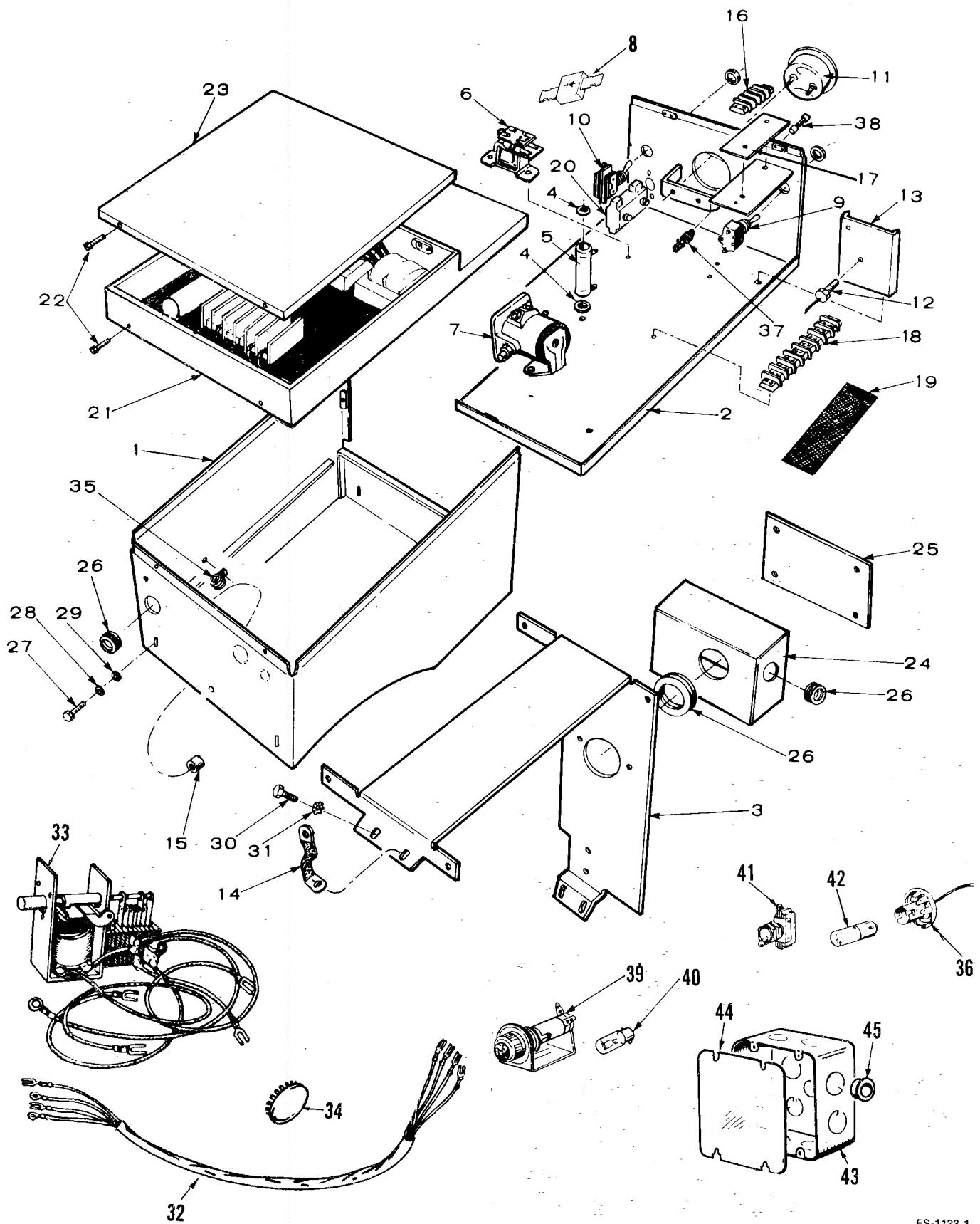
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GENERATOR — BEGIN SPEC AA

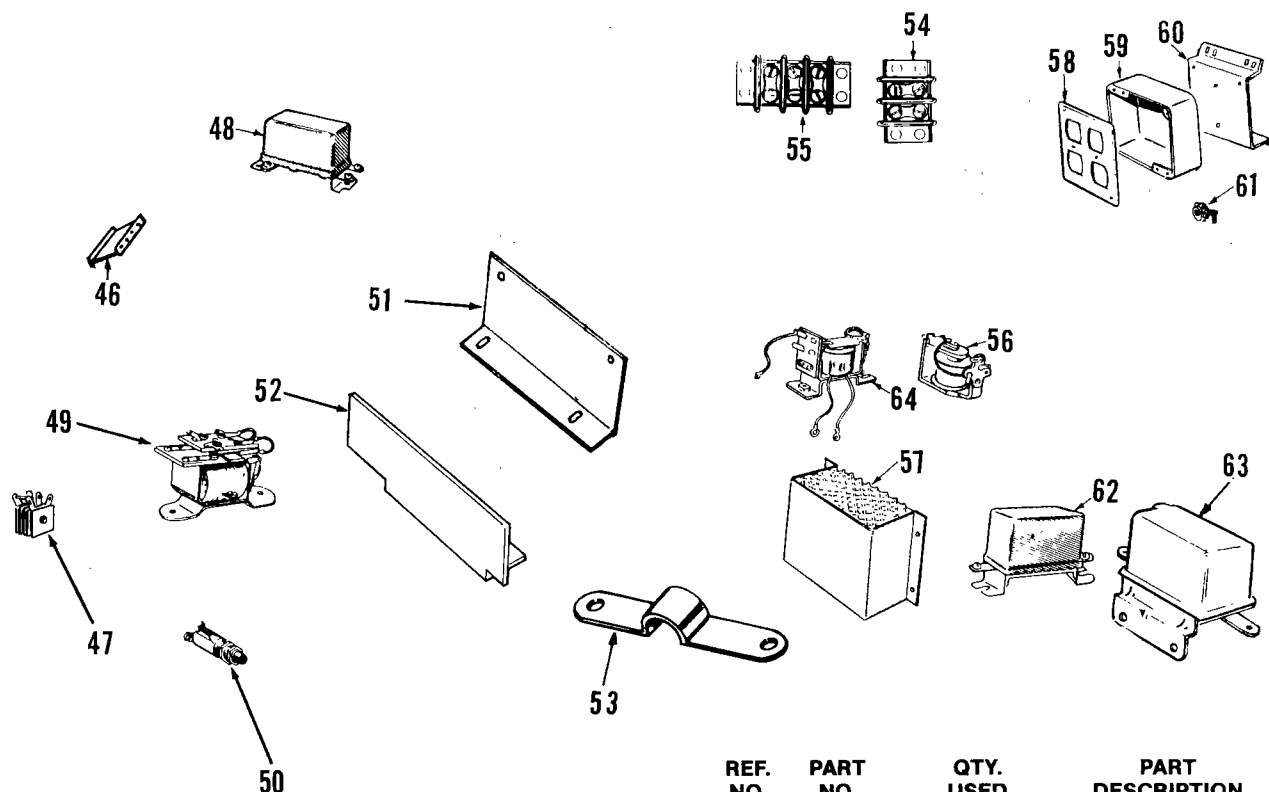
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	STATOR, GENERATOR						
	220-2023	1	50 Hertz Single Phase	27	862-0011	4	Nut, Hex (3/8-16) Generator Through Stud
	220-2048	1	Three Phase	28	870-0203	1	Nut, Hex (7/16-20) Rotor Through Stud
			60 Hertz Single Phase	29	871-0010	1	Nut, Hex - Brass (#10-32) Resistor Tap
	220-2015	1	All Except 100/200 Volt	30	526-0260	2	Washer, Flat (Special) Exciter Stator
	220-2515	1	100/200 Volt	31	232-0200	1	Washer - Cone Shaped (Special) Rotor Through Stud
	220-2040	1	Three Phase	32	853-0013	2	Washer, Lock (1/4" ET) Exciter Stator
	220-2283	1	All Except 347/600 Volt	33	809-0046	1	#Screw, Sheet Metal - Round Head (#10 x 3/4")
			347/600 Volt	34	856-0003	1	Washer, Lock (#10 EIT) Resistor Tap
			7.5 KW - Voltage Code 5DR, 18E, 18R	35	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8") Exciter Stator Mounting
	220-2041	1	Extended Stack	36	SCREW, MACHINE - ROUND HEAD (End Bell Cover Mounting)		
	220-2650	1	Extended Stack and Environmentally Protected - Three Phase, 120/208 Volt				Sets Without Housing
	220-2668	1	Extended Stack and Environmentally Protected - Single Phase, 120/240 Volt		812-0165	2	Sets Without Overspeed Switch (1/4-20 x 4-1/2")
2			Rotor Assembly, Generator (Includes Parts Marked *)		812-0167	2	Sets With Overspeed Switch (1/4-20 x 6")
	201-2155	1	All Except 7.5 KW Extended Stack Generators With Voltage Code 5DR, 18E, 18R		812-0165	2	Sets With Housing (1/4-20 x 4-1/2")
	201-2156	1	7.5 KW - Voltage Code 5DR, 18E, 18R				
	201-2310	1	Extended Stack	37	815-0194	6	Screw, Hex Head - Thread Cutting With ET (#10-32 x 3/8") Board (2) and Baffle (4) Mounting
			Extended Stack and Environmentally Protected				
3	510-0112	1	*Bearing, Rotor	38	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8") - Resistor Bracket
4	232-2398	1	*Spacer, Bearing	39	812-0169	1	Screw, Machine - Round Head (1/4-20 x 5-1/2") Resistor Through
5	201-2151	1	*Rotor, Exciter	40	811-0098	1	Screw, Machine - Round Head (Brass) (#10-32 x 3/8") Resistor Tap
6	515-0094	1	*Key, Exciter Rotor	41	520-0787	1	Stud, Rotor Through
7	870-0284	1	*Nut, Exciter Rotor Locking	42	234-0462	1	Baffle, Air
8	205-0105	1	*Fan, Generator	43	508-0112	1	Grommet, Rubber - Generator Adapter
10	526-0008	10	*Washer, Flat (13/64" ID x 7/16" OD x 1/32" Thk)	44	508-0095	1	Grommet, Rubber - Air Baffle
11	870-0131	8	*Nut, Hex (#10-32)	45	515-0103	1	*Key, Fan to Rotor
12	358-0069	1	*Rectifier Assembly - Positive	46	232-2418	1	Board, Connection
13	358-0070	1	*Rectifier Assembly - Negative	47	231-0161	1	Adapter, Generator
14	853-0008	4	*Washer, Lock - ET (#10)	48	234-0493	1	Cover Assembly, Air Outlet (Includes Parts Marked #)
15	813-0100	4	*Screw, Machine - Round Head (#10-32 x 1/2")	49	304-0500	1	Resistor, Tapped - Adjustable
16	211-0237	1	Bell, End	50	232-2399	1	Bracket, Resistor Mounting
17	220-2009	1	Stator, Exciter	51	304-0652	2	Washer, Centering - Resistor Mounting
18	COVER, END BELL						
			Sets Without Housing				
	234-0185	1	Sets Without Generator Space Heater or Overspeed Switch				
	234-0498	1	Sets With Overspeed Switch				
	234-0542	1	Sets With Generator Space Heater				
	234-0543	1	Sets With Generator Space Heater and Overspeed Switch				
			Sets With Housing				
	234-0223	1	Sets Without Generator Space Heater				
	234-0541	1	Sets With Generator Space Heater				
19	509-0094	1	Seal, Bearing ("O" Ring)				
20	520-0795	4	Stud, Generator Through				
21	850-0050	4	Washer, Lock - Spring (3/8") Generator Through Stud				
22	850-0040	2	Washer, Lock - Spring (1/4") End Bell Cover				
23	850-0040	2	Washer, Lock - Spring (1/4") Resistor Bracket				
24	850-0055	1	Washer, Lock - Spring (7/16") Rotor Through Stud				
25	853-0013	1	Washer, Lock (1/4" ET) Resistor Through Screw				
26	870-0177	1	#Nut, Speed (#10)				

* - Parts Included in 201-2155 Generator Rotor Assembly.
 # - Parts Included in 234-0493 Cover Assembly.

CONTROL



CONTROL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	BOX, CONTROL		
	301-2008	1	Key 2, 3
	301-1962	1	Key 4
2	PANEL, CONTROL		
	301-2009	1	Key 2, 3
	301-2541	1	Spec A through N
			Spec P through Z
	301-1961	1	Key 4
	301-2376	1	Sets Without Indicator Lamps
	301-3567	1	Sets With 1 or 2 Indicator Lamps
	301-3683	1	Sets With 3 Indicator Lamps
3	Saddle, Control Box -		
			Begin Spec AA
4	WASHER, RESISTOR MOUNTING		
	304-0006	2	Centering - Key 2, 3
	508-0015	2	Fiber - Key 4 (Two Used Per Resistor)
5	RESISTOR		
			Fixed
	304-0217	1	Key 2, 3, 4 - Begin Spec F -
			Sets With Low Oil Pressure
			Switch (1 Ohm, 10 Watt)
	304-0631	1	Key 2, 3 - Spec P through Z
			(6 Ohm, 100 Watt)
	304-0032	1	Key 4 (15 Ohm, 10 Watt)
			Adjustable - Key 2, 3
	304-0506	1	Spec A through N (6 Ohm,
			150 Watt)
	304-0632	1	Spec P through Z (6 Ohm,
			100 Watt)
6	307-0623	1	Relay, Ignition - Key 4

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
7	RELAY, START SOLENOID		
			Key 2, 3
	307-1046	1	Spec A through L
	307-0845	1	Spec M through Z
			Key 4
	307-1046	1	Spec A through Z
	307-0845	1	Begin Spec AA
8	357-0030	1	Rectifier - Ignition Relay to Start
			Solenoid Relay (Begin Spec AC)
9	308-0154	1	Switch, Start/Stop - Key 2, 3, 4
			(Housed and Unhoused Sets)
10	308-0002	1	Switch, Selector (Manual or
			Electric Start)
11	AMMETER KIT, CHARGE (Includes		
			Mounting Hardware)
	302-1360	1	Key 2, 3
	302-1366	1	Key 4
12	305-0673	1	Rectifier Kit
13	BRACKET, RECTIFIER MOUNTING		
	305-0254	1	Key 2, 3 - Spec P through Z
	305-0254	1	Key 4
14	337-0036	1	Strap, Ground - Control Box
			(Begin Spec AA)
15	402-0078	4	Mount, Rubber - Control Box
			(Begin Spec AA)
16	332-0537	1	Block, Terminal (4 Place)
			Key 2, 3, 4
17	332-0566	1	Strip, Marker (4 Place) Key 2, 3, 4
18	332-0706	1	Block, Terminal (8 Place) Key 4
19	332-0739	1	Strip, Marker (8 Place) Key 4
20	LIMITER, CRANKING (Sets With Low Oil		
			Pressure Switch)
	320-0104	1	Sets Without Indicator Lamp
	320-0221	1	Sets With 1 or 2 Indicator Lamps
			(Includes Micro Switch)
	320-0259	1	Sets With 3 Indicator Lamps
			(Includes Micro Switch)

CONTROL

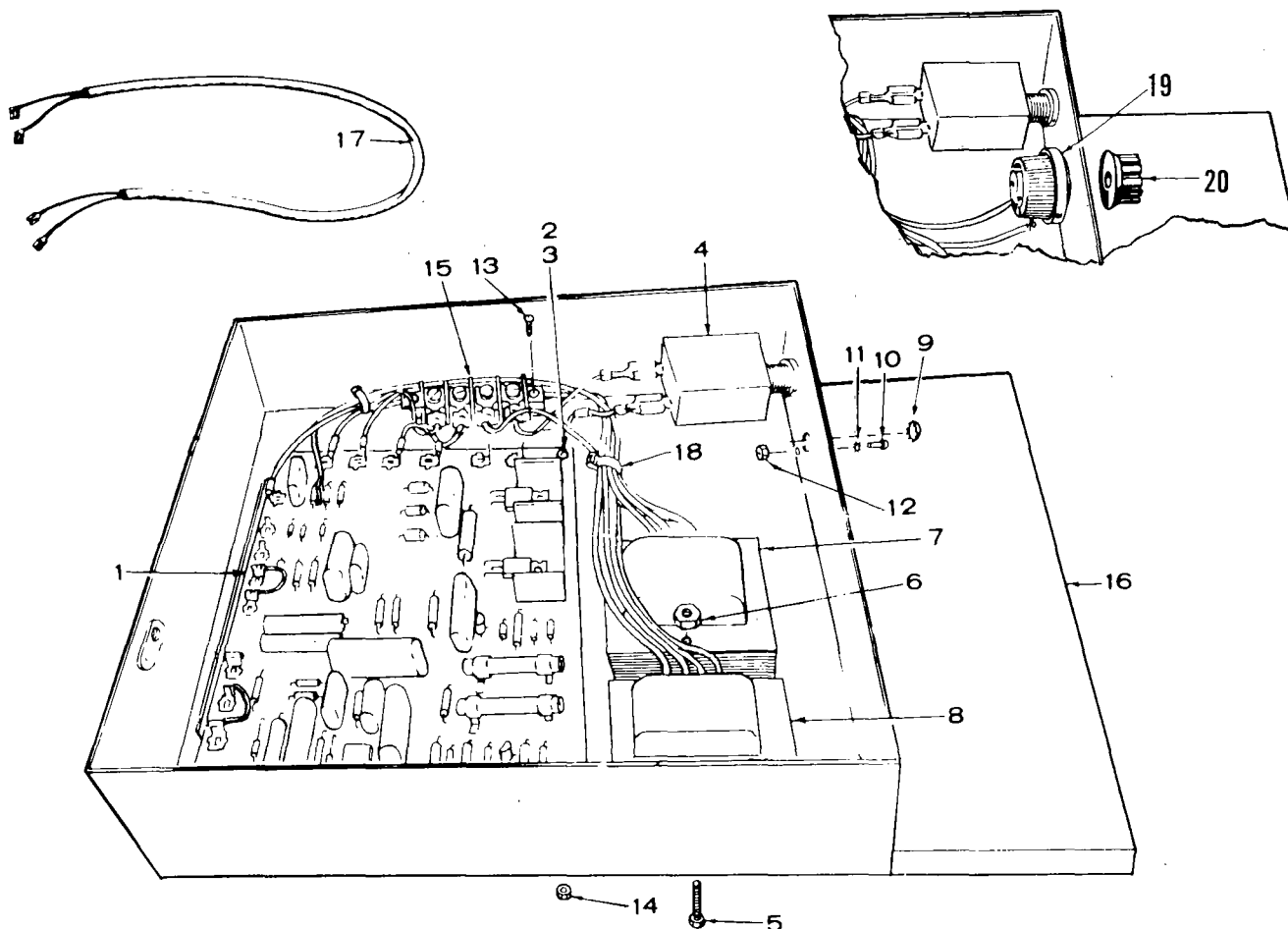
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
21	REGULATOR, VOLTAGE (See Separate Group for Components)		
	305-0589	1	Spec AA through AC
	305-0590	1	Sets Without Voltage Adjustment
	305-0689	1	Sets With Voltage Adjustment
	305-0690	1	Begin Spec AD
	815-0350	8	★ Sets Without Voltage Adjustment
			★ Sets With Voltage Adjustment
22			Screw, Hex Washer Head - Tapping (#10-32 x 3/8")
23	COVER (Key 2, 3, 4)		
	301-1963	1	Control Box - Spec A through Z
	301-3714	1	Voltage Regulator - Begin Spec AA
24	301-2467	1	Box, Output - Begin Spec AA
25	301-2466	1	Cover, Output Box - Begin Spec AA
26	GROMMET, RUBBER		
	508-0001	1	Control Box (1-1/16" Hole)
			Output Box
	508-0117	1	Side (1-3/8" Hole)
	508-0183	1	Rear (1-3/4" Hole)
27	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1/2")
28	850-0045	4	Washer, Lock - Spring (5/16")
29	526-0115	4	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
30	815-0236	4	Screw, Self Tapping - Hex Head (5/16-18 x 5/8")
31	856-0008	4	Washer, Lock - EIT (5/16")
32	HARNES, WIRING		Housed Sets
	338-0495	1	Control to Output Box
	338-0305	1	Control to Housing Start/Stop
33	RELAY, LATCHING (Begin Spec AA)		
	307-1129	1	Sets With High Air Temperature Switch or Overspeed Switch (Includes Leads)
	307-1519	1	Sets With High Air Temperature Switch and Overspeed Switch (Includes Two Relays With Leads)
34	PLUG, DOT BUTTON		
	517-0019	1	1/2" Hole - Sets Without Selector Switch
	517-0139	1	11/16" Hole - Sets Without Low Oil Pressure Cranking Limiter
35	332-0052	1	Clip, Wire - Key 4
36	322-0072	2	Socket, Panel Light - Housed Sets
37	321-0175	1	Holder, Fuse - Use Began Serial Number B780303986 During Spec AA
38	321-0146	1	Fuse - 10 Amp - Use Began Serial Number B780303986 During Spec AA
39	322-0069	As Req	Holder, Indicator Lamp - Sets With Indicator Lamp
40	322-0004	As Req	Lamp, Indicator - Sets With Indicator Lamp
41	308-0002	1	Switch, Panel Light - Housed Sets
42	322-0004	2	Lamp, Panel Light - Housed Sets
43	330-0011	1	Box, Junction - Housed Sets (Spec A through Z)
44	330-0012	1	Cover, Junction Box - Housed Sets (Spec A through Z)
45	331-0088	1	Bushing, Junction Box - Housed Sets (Spec A through Z)
46	332-0750	1	Marker Kit, Polarity - Key 4 (Spec A through N)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
47	305-0197	1	Rectifier, Full Wave - Key 4 Sets With Low Oil Pressure Switch (Spec A through E)
48	307-0597	1	Relay, Ignition Start - Key 4 (Spec A through Z)
49	307-0614	1	Relay, Latching - Key 2, 3, 4 Sets With Low Oil Pressure Switch (Spec A through E)
50	308-0091	1	Switch, Reset - Key 2, 3, 4 Sets With Low Oil Pressure Switch (Spec A through E)
51	BRACKET, CONTROL BOX MOUNTING (Left Hand)		
	Spec A through Z		
	301-2011	1	Key 2, 3
	301-1964	1	Key 4
52	BRACKET, CONTROL BOX MOUNTING (Right Hand)		
	Spec A through Z		
	301-2010	1	Key 2, 3
	301-1965	1	Key 4
53	332-1043	1	Jumper - Low Oil Pressure Cranking Limiter (Sets With 3 Indicator Lamps) Begin Spec AA
54	332-0609	1	Block, Terminal (2 Place) Sets With Low Oil Pressure Switch - Key 2, 3 (Spec A through E)
55	332-0611	1	Block, Terminal (3 Place) Sets With Low Oil Pressure Switch - Key 2, 3 (Spec F through Z)
56	307-0253	1	Relay, Stop - Key 2, 3
57	301-2012	1	Cover, Resistor - Key 2, 3
58	COVER, JUNCTION BOX		Key 1
	Spec A through N		
	330-0002	1	120 and 120/240 Volt
	330-0028	1	120/208 Volt
	330-0028	1	Spec P through Z
59	BOX, JUNCTION		Key 1
	Spec A through N		
	330-0030	1	120 and 120/240 Volt
	330-0028	1	120/208 Volt
	330-0028	1	Spec P through Z
60	301-2129	1	Bracket, Junction Box - Key 1
61	331-0027	1	Connector, Load - Key 1
62	307-0180	1	Relay, Reverse Current - Key 2, 3
63	305-0383	1	Regulator, Voltage (2 Step) Key 2, 3 (Spec P through Z)
64	307-1978	1	Relay Kit, Start Disconnect - Key 2, 3 (Spec A through Z)

★ - Listed below are the models and serial numbers of specific generator sets in Spec AD which were manufactured using the 305-0589 (Non-Adjustable) Voltage Regulator Assembly. This assembly uses the 300-1540 printed Voltage Regulator board. For the remaining component parts refer to the voltage regulator group for Spec AA through AC.

6.0JB-518R/1AD	I820633589
7.5JB-3CR/8388AD	I820633587
7.5JB-3CR/8388AD	I820633588
6.0JB-53CR/16687AD	I820633586
7.5JB-18R/17417AD	I820632165
7.5JB-18R/25103AD	H820630359
7.5JB-18R/25103AD	H820630360
7.5JB-3R/25118AD	I820633590

VOLTAGE REGULATOR — SPEC AA THROUGH AC



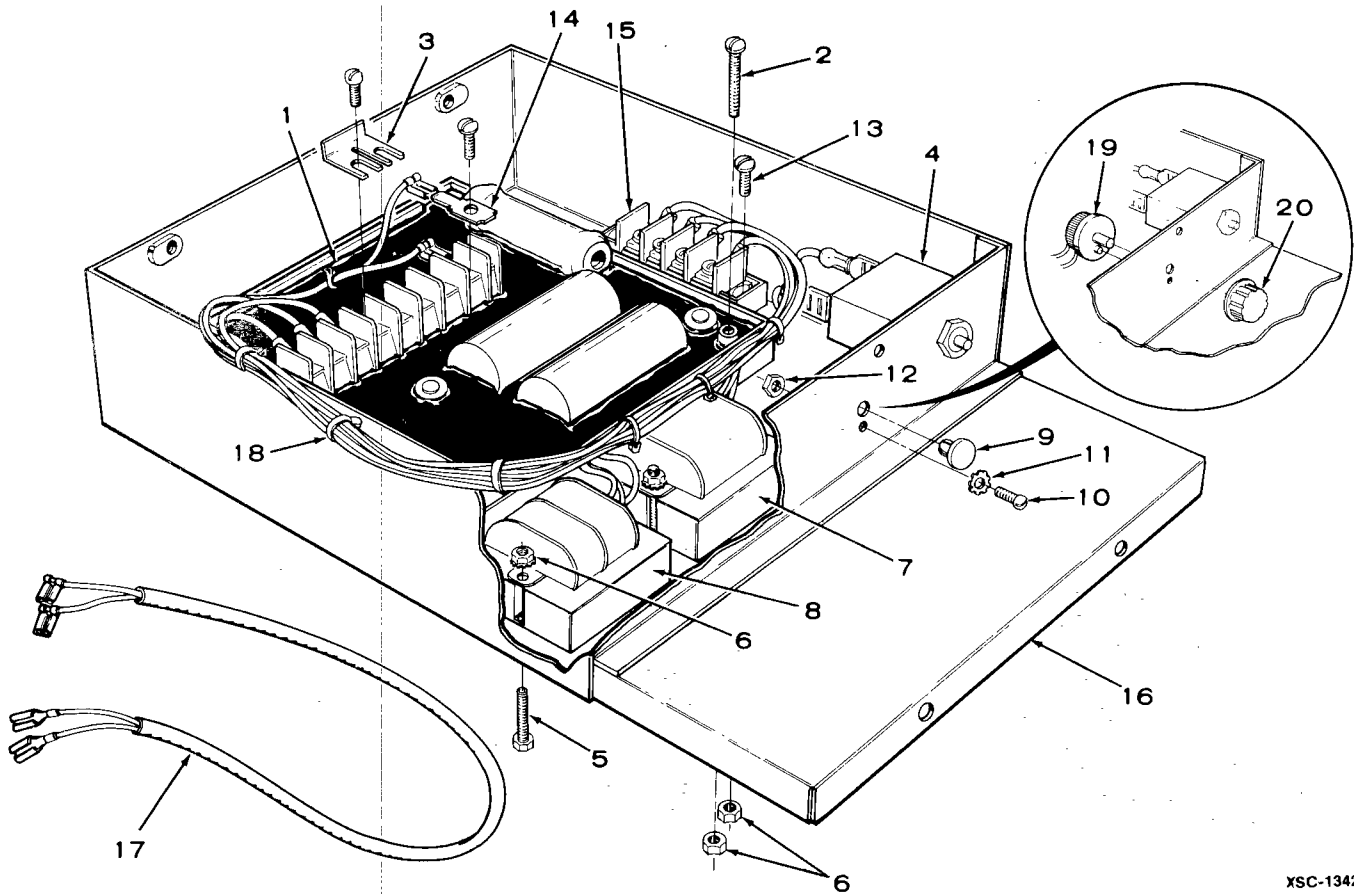
SC-1222

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	REGULATOR, VOLTAGE			9	517-0045	1	*Plug, Dot Button
	305-0589	1	Without Voltage Adjustment (Includes Parts Marked *)	10	812-0027	1	*#Screw, Machine - Round Head (#4-40 x 1/4")
	305-0590	1	With Voltage Adjustment (Includes Parts Marked #)	11	853-0001	1	*Washer, Lock - ET (#4)
1	300-1540	1	*#Board, Voltage Regulator - Begin Spec AB through Spec AC (Replaces 300-1006 Board Used Begin Spec AA through Serial Number F760142041 During Spec AA and 300-1404 Board Begin Serial Number F760142042 During Spec AA Until Spec AB)	12	860-0003	1	*Nut, Hex (#4-40)
2	815-0190	4	*#Screw, Tapping - Round Head (#8-32 x 3/8")	13	812-0063	2	*#Screw, Machine - Round Head (#6-32 x 1/2")
3	853-0005	4	*#Washer, Lock - ET (#8)	14	870-0183	2	*#Nut, Hex - With ET (#6-32)
4	320-0505	1	*#Breaker, Circuit	15	332-1647	1	*#Block, Terminal
5	812-0070	4	*#Screw, Machine - Round Head (#6-32 x 1-1/4")	16	301-3713	1	*#Panel, Mounting
6	870-0183	4	*#Nut, Hex - With ET (#6-32)	17	HARNES, WIRING — Voltage Regulator to Exciter Stator		
7	315-0391	1	*#Reactor	338-0744	1	Sets Without Overspeed Switch	
8	315-0386	1	*#Transformer, Voltage	338-0917	1	Sets With Overspeed Switch	
				18	332-0942	8	*#Tie, Cable
				19	303-0103	1	#Rheostat
				20	303-0194	1	#Knob

* - Parts Included in 305-0589 Voltage Regulator Without Adjustment.

- Parts Included in 305-0590 Voltage Regulator With Adjustment.

VOLTAGE REGULATOR — BEGIN SPEC AD



XSC-1342

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	REGULATOR ASSEMBLY, VOLTAGE		
	305-0689	1	Without Voltage Adjustment (Includes Parts Marked *)
	305-0690	1	With Voltage Adjustment (Includes Parts Marked #)
1	305-0688	1	*#Regulator, Voltage
2	812-0071	4	*#Screw, Machine - Round Head (#6-32 x 1-1/2")
3	JUMPER, TERMINAL		
	332-2605	2	Without Voltage Adjustment
	332-2605	1	50 Hertz
	332-2605	1	60 Hertz
	332-2605	1	With Voltage Adjustment
	332-2605	1	# 50 Hertz
4	320-1121	1	*#Breaker, Circuit
5	812-0070	4	*#Screw, Machine - Round Head (#6-32 x 1-1/4")
6	870-0183	10	*#Nut, Hex - ET (#6-32)
7	315-0391	1	*#Reactor
8	315-0386	1	*#Transformer, Voltage
9	517-0045	1	*#Plug, Dot Button
10	812-0027	1	*#Screw, Machine - Round Head (#4-40 x 1/4")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	853-0001	1	*Washer, Lock - ET (#4)
12	860-0003	1	*Nut, Hex (#4-40)
13	812-0063	2	*#Screw, Machine - Round Head (#6-32 x 1/2")
14	TERMINAL, TAB		
	332-2617	2	*Without Voltage Adjustment
	332-2617	4	#With Voltage Adjustment
15	332-1647	1	*#Block, Terminal
16	301-3713	1	*#Panel, Mounting
17	HARNESS, WIRING - Voltage Regulator to Exciter Stator		
	338-0744	1	Sets Without Overspeed Switch
	338-0917	1	Sets With Overspeed Switch
18	332-0942	10	*#Tie, Cable
19	303-0103	1	*#Rheostat
20	303-0194	1	*#Knob

* - Parts Included in 305-0689 Voltage Regulator Assembly Without Adjustment

- Parts Included in 305-0690 Voltage Regulator Assembly With Adjustment

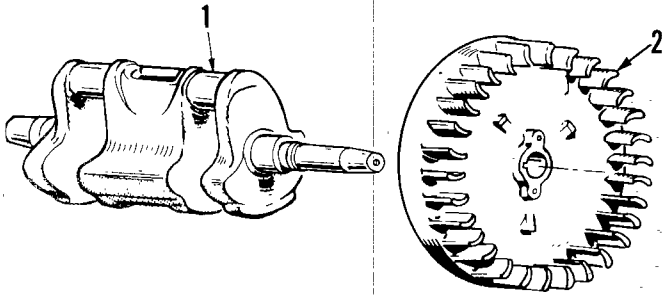
SERVICE KITS AND MISCELLANEOUS

PART NO.	QTY. USED	PART DESCRIPTION
98-1100	1	Decal Kit
168-0083	1	Gasket Kit, Generator Set
OVERHAUL KIT, GENERATOR SET (Does Not Apply for Pennsylvania Approved Sets)		
522-0198	1	Spec A through Q
522-0230	1	Begin Spec R
PAINT, TOUCH-UP (13 oz. Pressurized Can)		
525-0137		Metallic Green
525-0305		Non-Metallic Green
525-0454		Greige - Enamel

SPECIAL PARTS SECTION

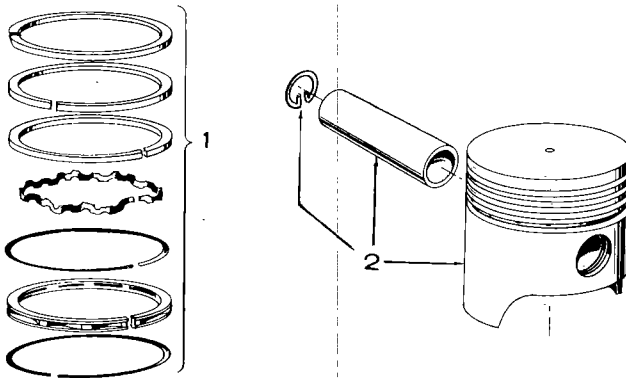
PENNSYLVANIA APPROVED GENERATOR SETS

CRANKSHAFT AND FLYWHEEL — SPEC A THROUGH Q



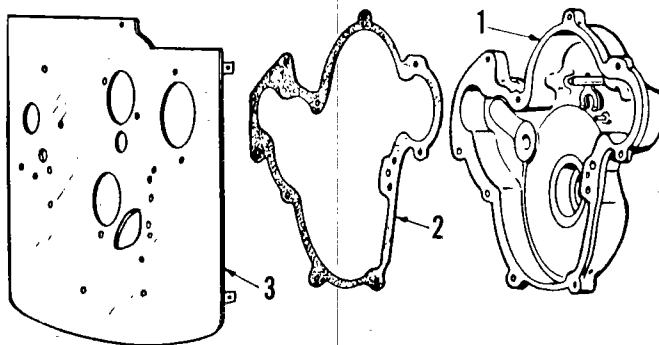
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-0430	1	Crankshaft
2	104-0473	1	Flywheel

PISTON AND ROD — BEGIN SPEC U



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET, PISTON (Natural Gas Sets)		
	113-0107	2	Standard
	113-0107-10	2	.010" Oversize
	113-0107-20	2	.020" Oversize
	113-0107-30	2	.030" Oversize
2	PISTON KIT (Includes Pin and Retaining Rings) (Natural Gas Sets)		
	112-0174	2	Standard
	112-0174-10	2	.010" Oversize
	112-0174-20	2	.020" Oversize
	112-0174-30	2	.030" Oversize

GEARCASE — SPEC A THROUGH Q

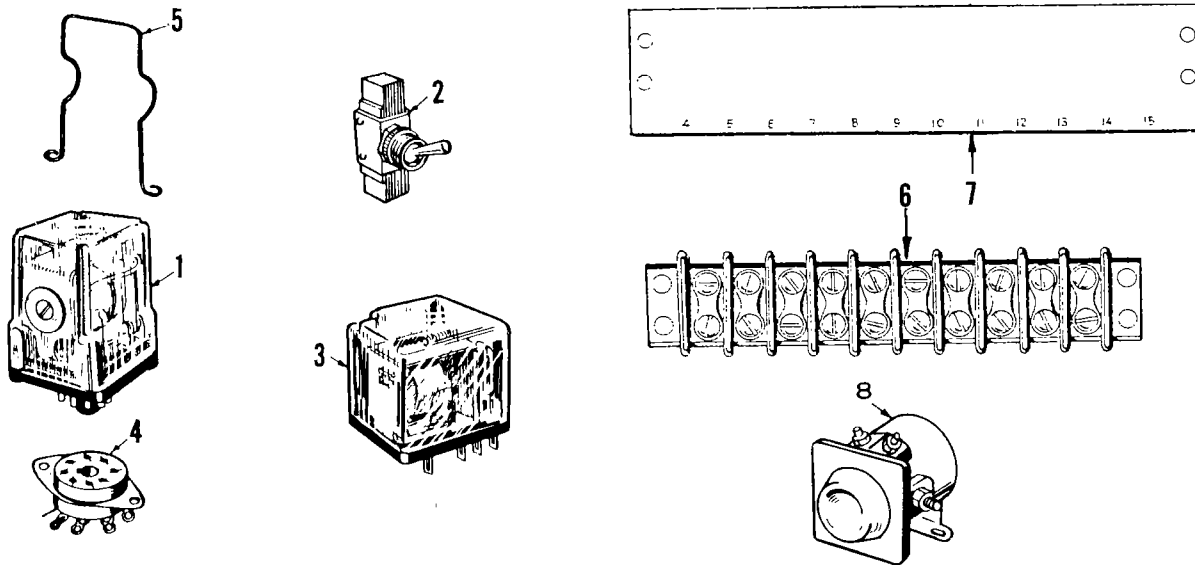


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0252	1	Gearcase Assembly
2	103-0231	1	Gasket, Gearcase
3	103-0225	1	Backplate, Gearcase

SPECIAL PARTS SECTION

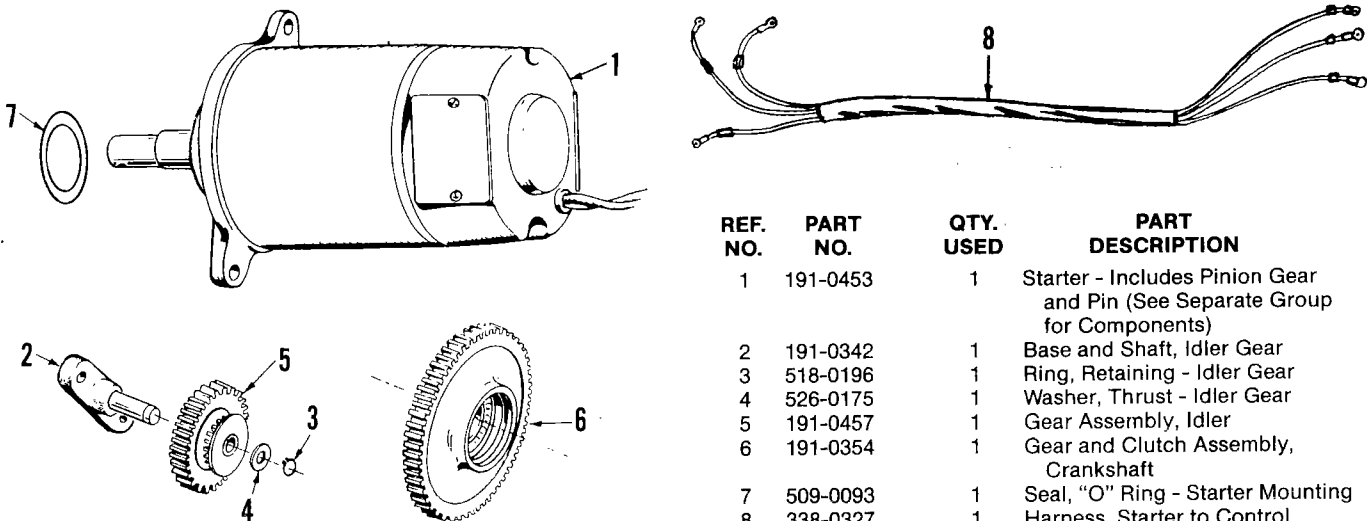
PENNSYLVANIA APPROVED GENERATOR SETS

CONTROL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	307-0773	1	Relay - Start Disconnect and Ignition
2	308-0005	1	Switch
3	307-0860	1	Relay, Field Build-up
4	323-0052	1	Socket, Relay
5	307-0778	1	Spring, Hold-down - Relay
6	332-0751	1	Block, Terminal (10 Place)
7	332-1235	1	Strip, Marker (10 Place)
8	307-0845	1	Solenoid, Start - Begin Spec L

STARTER — SPEC A THROUGH Q

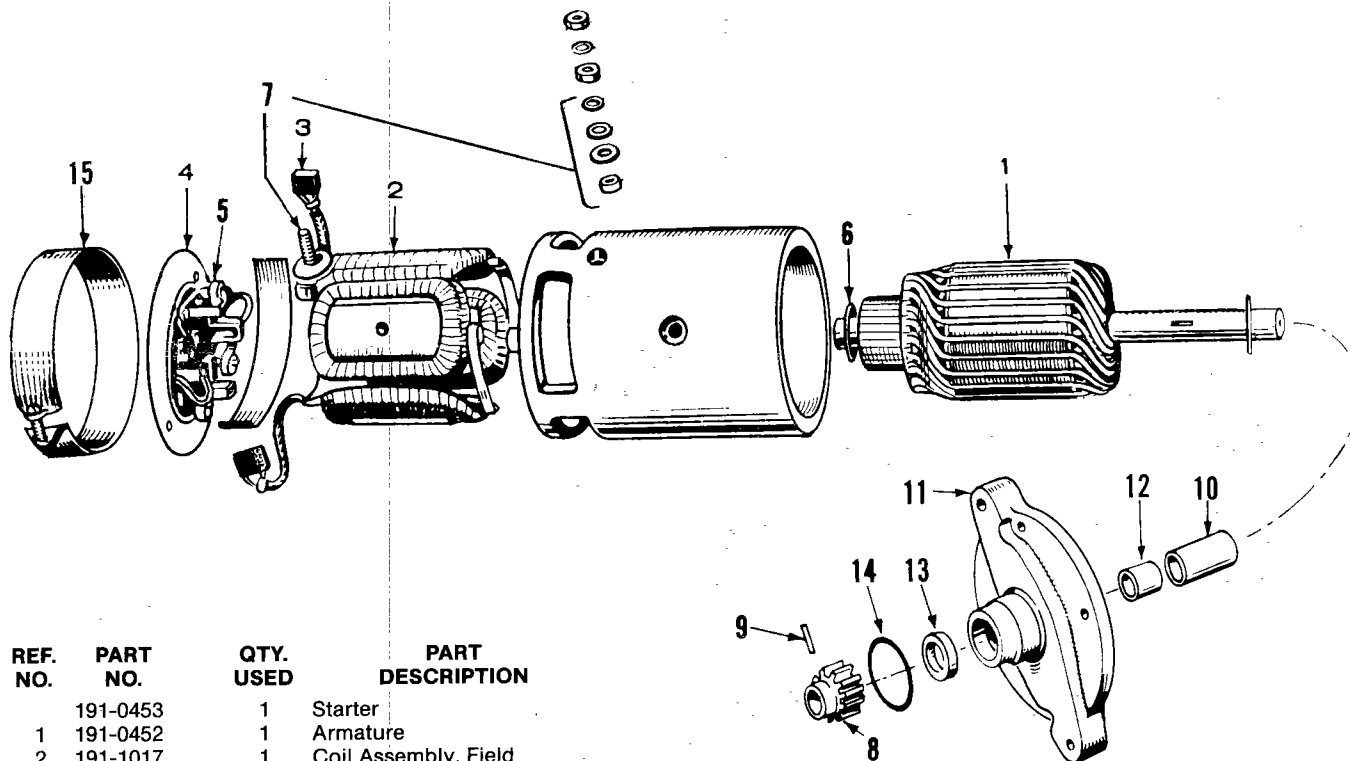


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0453	1	Starter - Includes Pinion Gear and Pin (See Separate Group for Components)
2	191-0342	1	Base and Shaft, Idler Gear
3	518-0196	1	Ring, Retaining - Idler Gear
4	526-0175	1	Washer, Thrust - Idler Gear
5	191-0457	1	Gear Assembly, Idler
6	191-0354	1	Gear and Clutch Assembly, Crankshaft
7	509-0093	1	Seal, "O" Ring - Starter Mounting
8	338-0327	1	Harness, Starter to Control

SPECIAL PARTS SECTION

PENNSYLVANIA APPROVED GENERATOR SETS

STARTER PARTS — SPEC A THROUGH Q



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0453	1	Starter
1	191-0452	1	Armature
2	191-1017	1	Coil Assembly, Field
3	191-0513	1	Brush Set, Service
4	191-1018	1	Head Assembly, Commutator End
5	191-1020	1	Spring, Brush (Set of 4)
6	191-1021	1	Washer, Armature Thrust (Package) Use as Required.
7	191-1022	1	Stud, Terminal (Package)
8	191-0450	1	Gear, Pinion
9	516-0154	1	Pin, Pinion Gear
10	191-0451	1	Spacer, Armature to Adapter
11	191-0446	1	Adapter
12	191-0329	1	Bushing, Adapter
13	509-0092	1	Seal, Oil Armature Shaft - Front
14	509-0093	1	Seal, "O" Ring Starter Motor Mounting
15	—	1	Band, Cover (Not Sold Separately)

GENERATOR EXCITER — SPEC A THROUGH Z

NOTE: 04SX1N3B used on 120/240 Volt, 1 Phase and 120/208 Volt, 3 Phase, 60 Hertz sets begin Spec L.

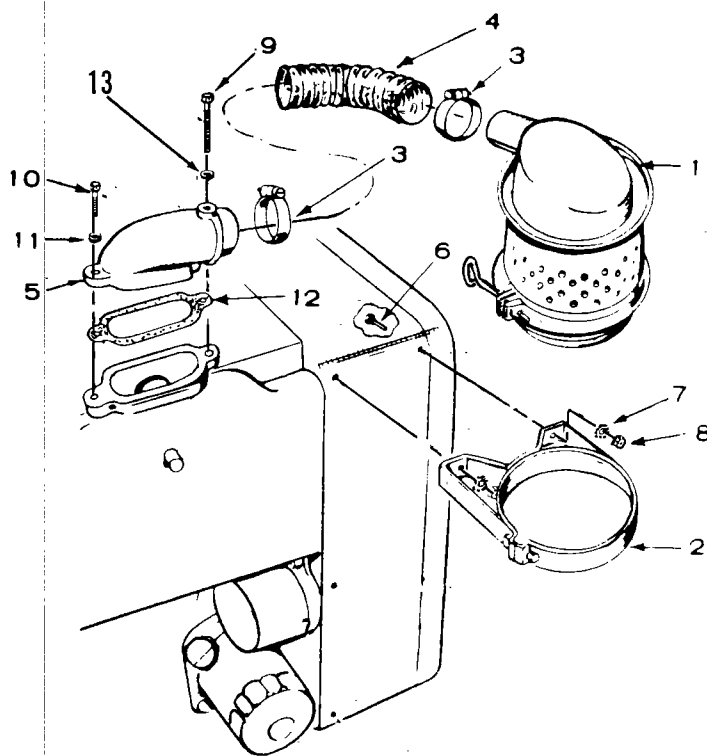
06SX51N3B used on 120/240 Volt, 1 Phase and 120/208 Volt, 3 Phase 50 Hertz sets begin Spec L.

Check set nameplate for Magnecliter number and use correct column in main list.

OPTIONAL PARTS SECTION

This section contains illustrated parts listings of factory installed options. Options may not be applicable to all models; for field conversions additional parts are usually required.

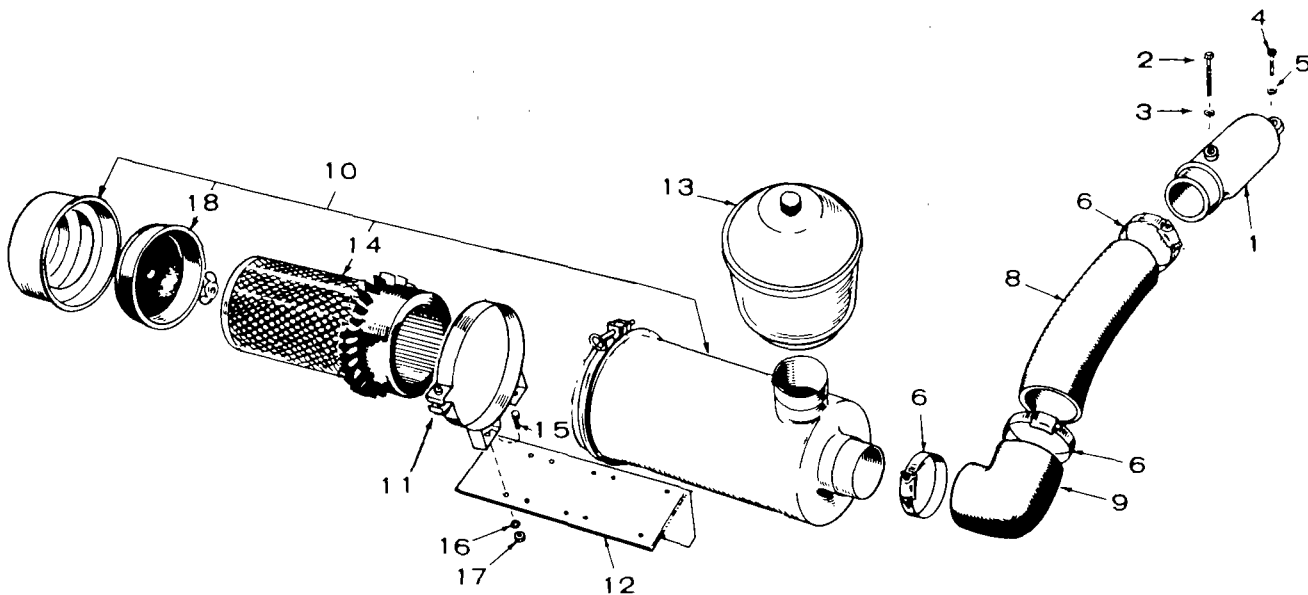
OIL BATH AIR CLEANER — OPTIONAL



FS-126 5

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-0500	1	Cleaner, Air
2	140-0519	1	Band, Air Cleaner
3	503-0274	2	Clamp, Hose
4	503-0444	1	Hose, Air Cleaner
5	140-0645	1	Adapter, Air Cleaner
6	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
7	850-0040	2	Washer, Lock - Spring (1/4")
8	862-0001	2	Nut, Hex (1/4-20)
9	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
10	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
11	850-0040	1	Washer, Lock - Spring (1/4")
12	140-0584	1	Gasket, Adapter Mounting
13	526-0108	1	Washer, Flat (17/64" ID x 7/16" OD x 1/32" Thk)

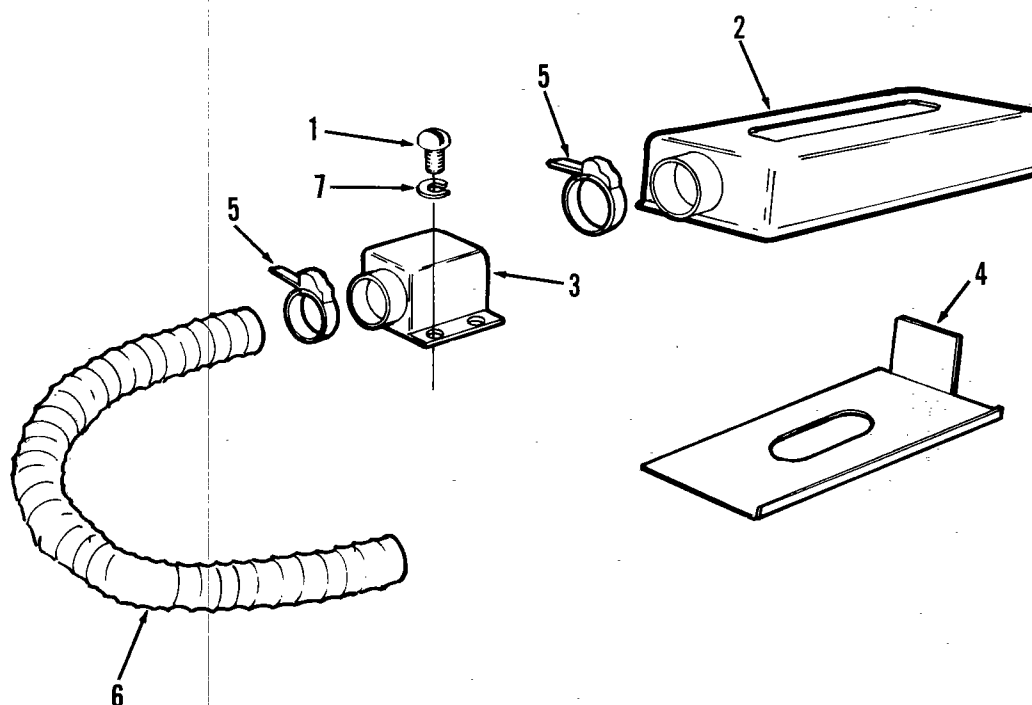
CONTRACTOR AIR CLEANER — OPTIONAL



FS-1264

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-0645	1	Adapter, Air Cleaner Hose
2	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
3	526-0108	1	Washer, Flat (17/64"ID x 7/16"OD x 1/32"Thk)
4	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
5	850-0040	1	Washer, Lock - Spring (1/4")
6	503-0274	3	Clamp, Hose
8	140-0741	1	Tube, Air Induction
9	503-0419	1	Elbow (Rubber)
10	140-0721	1	Cleaner, Air (Includes Element and Baffle)
11	140-0722	2	Band, Air Cleaner Mounting
12	140-1271	1	Bracket, Air Cleaner Mounting
13	140-0723	1	Pre-Cleaner, Air Cleaner
14	140-0765	1	Element, Air Cleaner
15	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1/2")
16	850-0045	4	Washer, Lock - Spring (5/16")
17	862-0015	4	Nut, Hex (5/16-18)
18	140-1267	1	Baffle, Air Cleaner

CARBURETOR AIR HEATER (EARLY MODELS) — OPTIONAL

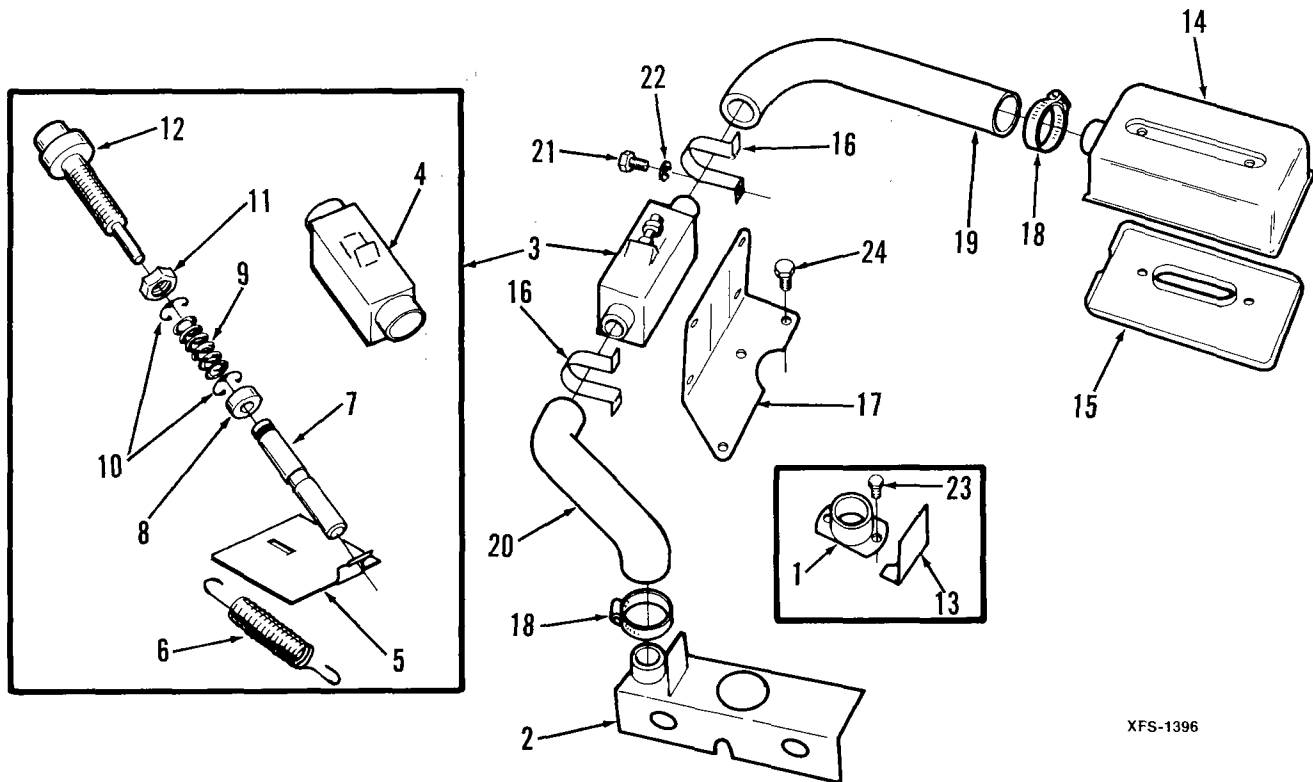


FS-1523

NOTE: Was Standard Equipment for Parts Key Number 4.
Optional for Other Sets.

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	815-0048	4	Screw, Round Head - Self Tapping (#10-32 x 3/8")
2	140-0650	1	Cover, Air Cleaner (Hot Air)
3	140-0654	1	Box, Air Outlet (Shutter)
4	140-0658	1	Cover, Air Cleaner Pan
5	503-0004	2	Clamp, Hose
6	503-0397	1	Hose, Hot Air
7	854-0010	4	Washer, Lock - IT (#10)

CARBURETOR AIR HEATER (LATE MODELS) — OPTIONAL



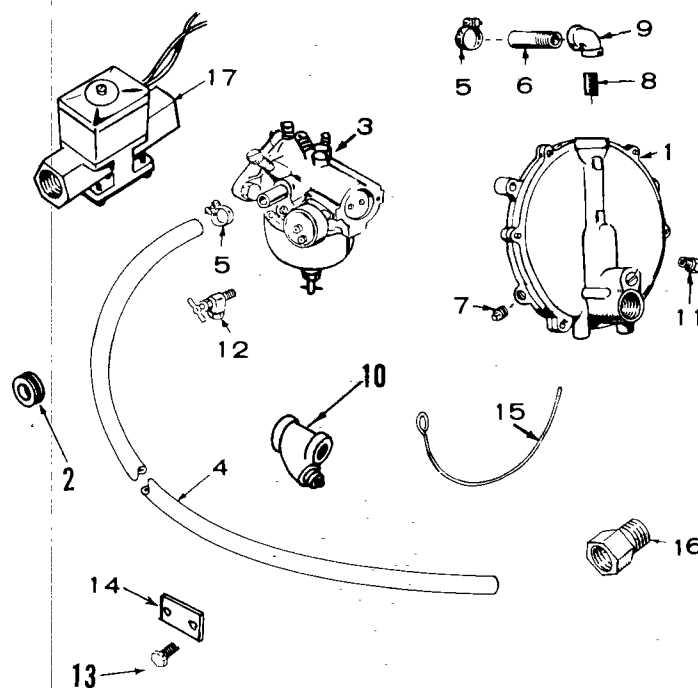
XFS-1396

NOTE: Was Standard Equipment for Parts Key Number 4.
Optional for Other Sets.

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
HEATER KIT, CARBURETOR AIR - Complete				12	309-0181	1	*Vernatherm, Temperature Control
Pressure Cooled Sets				13	140-0789	1	Shield, Air Outlet Hose - Pressure
140-0891	1	Without Duct or Duct and					
		Shutters					
140-0905	1	With Duct or Duct and		14	140-0790	1	Cover, Air Cleaner
		Shutters		15	140-0791	1	Pan, Air Cleaner
140-0890	1	Vacu-Flo Cooled Sets		16	140-0821	2	Clamp, Temperature Control
1 133-0187	1	Adapter, Hose - Air Outlet -					Support
		Pressure Cooled Sets With		17	SUPPORT, TEMPERATURE CONTROL		
		Duct or Duct & Shutter and		140-0822	1	Pressure Cooled Sets	
		Vacu-Flo Cooled Sets		140-0823	1	Vacu-Flo Cooled Sets	
2 133-0191	1	Plenum, Manifold Heater -		18	503-0458	2	Clamp, Hose
		Pressure Cooled Sets Without		19	503-0474	1	Hose, Control to Air Cleaner
		Duct or Shutters		20	503-0476	1	Hose, Plenum to Control
3 140-0788	1	Control Assembly, Temperature		21	813-0105	2	Screw, Machine - Round Head
		(Includes Parts Marked *)					(10-32 x 1")
4 140-0785	1	*Housing, Temperature Control		22	854-0010	2	Washer, Lock - IT (#10)
5 140-0782	1	*Shutter, Temperature Control		23	808-0032	2	Screw, Machine - Round Head
6 140-0786	1	*Spring, Shutter Control					Sheet Metal (#10 x 1/2")
7 140-0784	1	*Plunger, Temperature Control		24	800-1005	2	Screw, Cap - Hex Head
8 140-0808	1	*Spacer, Vernatherm					(1/4-20 x 3/4")
9 140-0787	1	*Spring, Vernatherm					
10 518-0205	2	*Ring, Retaining					
11 870-0195	1	*Nut, Locking - Vernatherm					
		(5/16-24)					

* - Parts Included in 140-0788 Temperature Control Assembly.

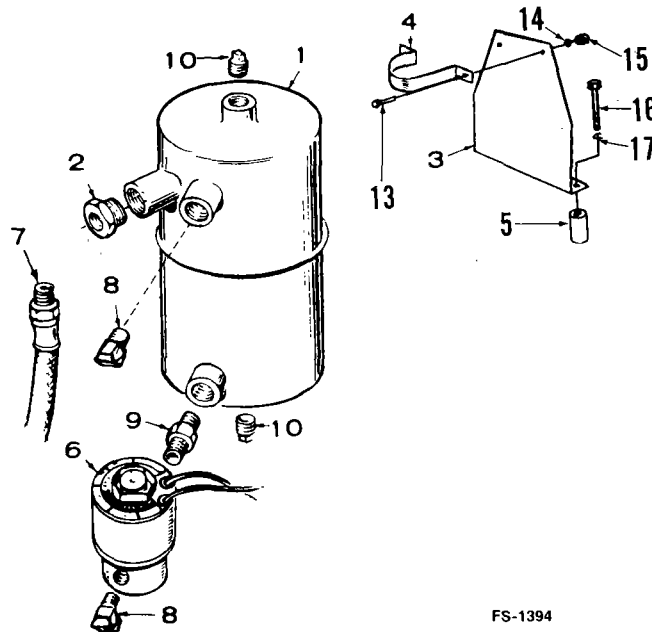
FUEL SYSTEM (GAS AND GAS-GASOLINE) — OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	148-0311	1	Regulator, Gas
2	508-0084	1	Grommet, Rubber
3	CARBURETOR KIT - Includes Mounting Gasket (See Separate Group for Components)		
	Gas - Key 2, 3, 4		
	141-0764	1	Spec A through Q
	141-0890	1	Begin Spec R
	Gas-Gasoline		
	Key 1		
	141-0761	1	Spec A through Q
	141-0883	1	Begin Spec R
	Key 2, 3, 4		
	141-0760	1	Spec A through Q
	141-0884	1	Begin Spec R
4	503-0159	1	Hose, Regulator to Carburetor
5	503-0032	2	Clamp, Hose

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
6	148-0519	1	Connector, Hose - Outlet
7	505-0057	1	Plug, Regulator (1/8")
8	505-0101	1	Nipple, Pipe (3/8" x 1") Outlet
9	505-0039	1	Elbow, Pipe (3/8") Outlet
10	149-0558	1	Strainer
11	148-0107	1	Vent, Regulator
12	504-0007	1	Valve, Fuel Pump Inlet - Gas-Gasoline Sets
13	800-0026	2	Screw, Cap - Hex Head (5/16-18 x 3/4")
14	149-0638	1	Plate, Fuel Pump Hole - Gas Sets
15	143-0231	1	Spring, Wire - Choke Stop (Gas-Gasoline Sets)
16	502-0274	1	Connector Assembly
17	307-0312	1	Valve, Solenoid

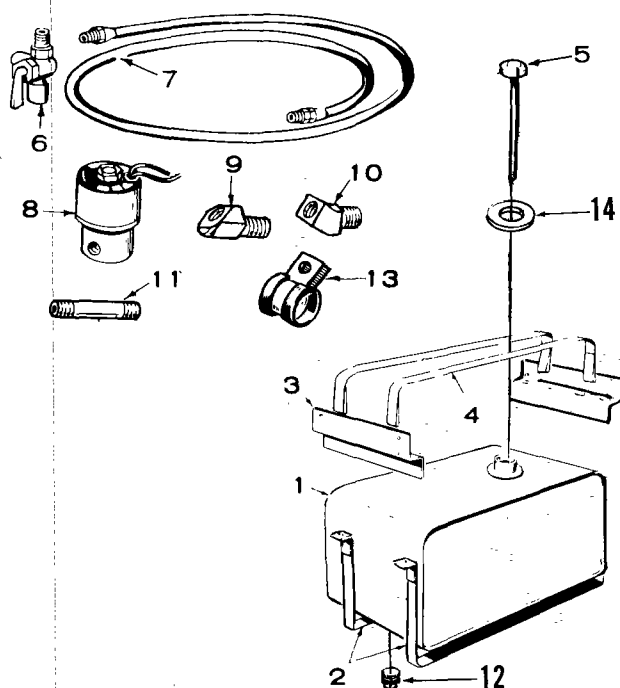
DAY TANK — OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	TANK, DAY		
	159-0294	1	One Quart
	159-0746	1	Two Quart
2	159-0705	1	Reducer, Restricted
3	BRACKET, MOUNTING		
	159-0759	1	One Quart
	159-0826	1	Two Quart
4	BAND, MOUNTING		
	159-0121	1	One Quart
	159-0825	1	Two Quart
5	159-0761	2	Spacer, Mounting - Bracket to Rocker Cover
6	307-0565	1	Valve, Solenoid
7	LINE, FUEL		
	501-0005	1	Main Tank to Day Tank
	501-0007	1	Day Tank to Fuel Pump
			Day Tank to Carburetor
	501-0005	1	One Quart
	501-0032	1	Two Quart

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
8	ELBOW, BRASS - 45°		
	502-0053	1	Day Tank to Fuel Pump Line (Street)
			Solenoid Valve to Carburetor Line
	502-0053	1	One Quart (Street)
	502-0065	1	Two Quart (Inverted)
9	502-0082	1	Nipple, Hex - 1/8" (Brass)
10	505-0057	2	Plug, Pipe - Square Head (1/8")
13	800-0005	2	Screw, Cap - Hex Head (1/4-20 x 3/4")
14	850-0040	2	Washer, Lock - Spring (1/4")
15	862-0001	2	Nut, Hex (1/4-20)
16	800-0039	2	Screw, Cap - Hex Head (5/16-18 x 3-1/2")
17	850-0045	2	Washer, Lock - Spring (5/16")

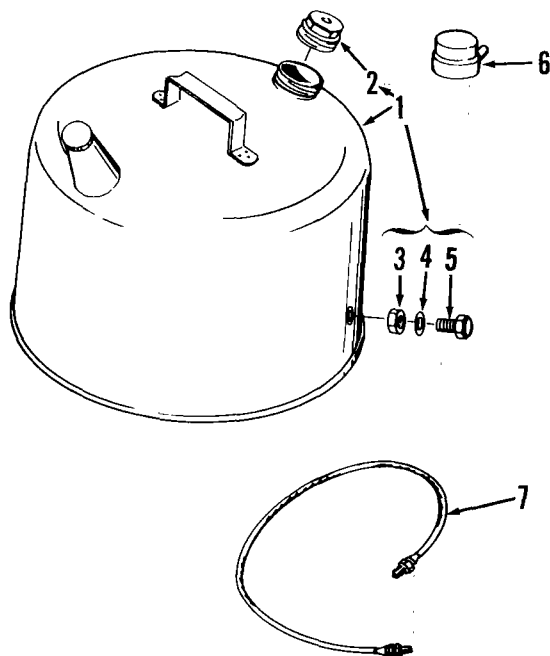
FUEL TANK (HOUSED SETS) — OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	159-0820	1	Tank Assembly, Fuel - Complete (Includes All Listed Parts)
1	159-0802	1	Tank, Fuel - 9 Gallon
2	159-0786	2	Strap, Mounting
3	159-0789	2	Bracket, Support
4	159-0787	2	Strap, Holddown
5	159-0512	1	Cap and Indicator
6	504-0004	1	Valve, Shutoff
7	501-0005	1	Line, Fuel - Flexible (18-1/2")
8	307-0565	1	Valve, Fuel Solenoid
9	502-0065	1	Elbow, Male - 45°
10	502-0053	1	Elbow, Street - 45°

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	502-0032	1	Nipple, Pipe
12	505-0057	1	Plug, Pipe (1/8")
13	332-0050	1	Clip, Fuel Line
14	159-0751	1	Gasket, Tank Filler Neck to Housing Top Panel
HARDWARE, MOUNTING - Not Illustrated			
	800-0009	4	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
	812-0150	8	Screw, Machine - Round Head (1/4-20 x 5/8")
	850-0040	12	Washer, Lock - Spring (1/4")

PORTABLE FUEL TANK — OPTIONAL

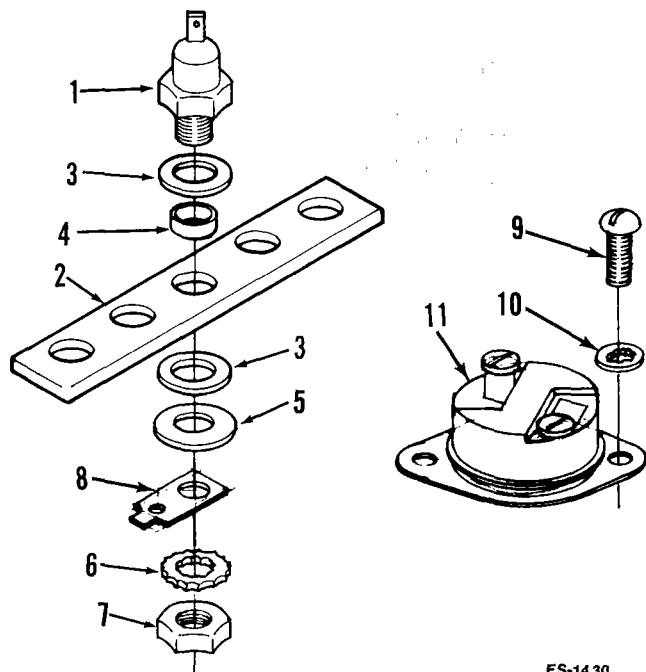


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	415-0126	1	Tank Assembly, Fuel (Includes Parts Marked *)
2	415-0313	1	*Cap, Fill
3	870-0118	1	*Nut, Self Locking (Special)
4	526-0153	1	*Washer, Flat - Copper (1/2"ID x 3/4"OD x 1/16"Thk)
5	415-0047	1	*Fitting, Fuel Tank
6	415-0124	1	Cap, Rain
7	501-0027	1	Line, Fuel - 48"

* - Parts Included in 415-0126 Fuel Tank Assembly.

FS-1142

HIGH AIR TEMPERATURE SWITCH — OPTIONAL

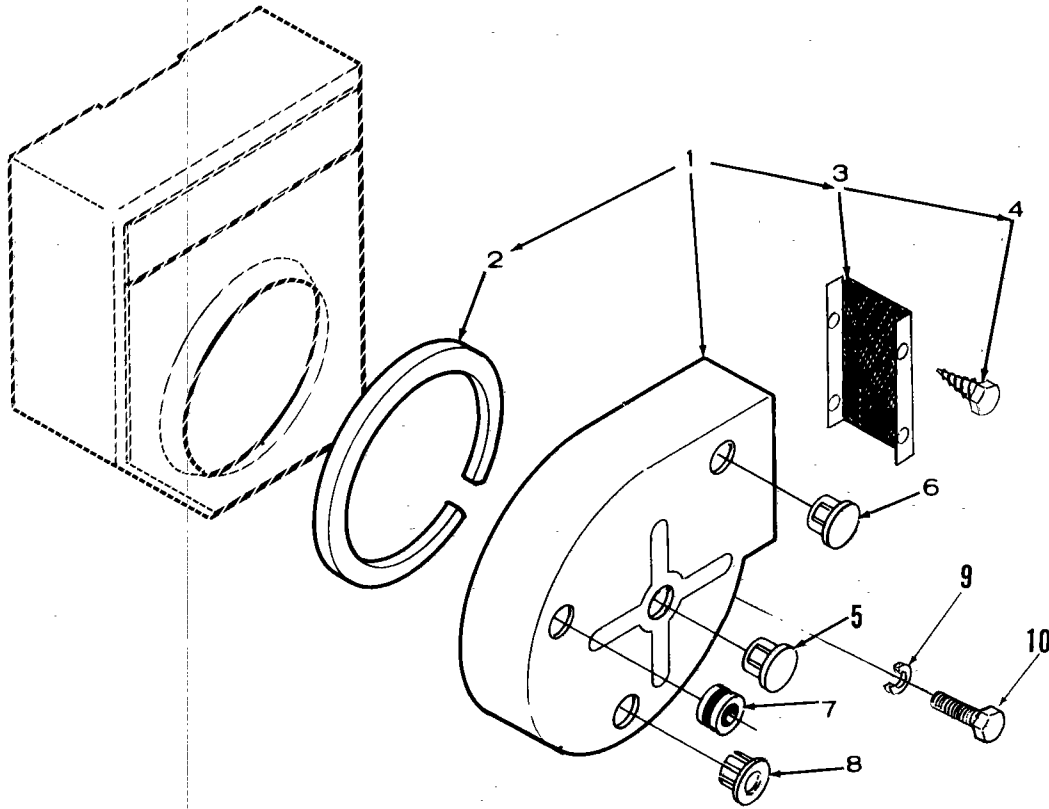


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	SWITCH, HIGH AIR TEMPERATURE		
	309-0196	1	*Sets Without High Air Temperature Indicator Lamp
	309-0206	1	*Sets With High Air Temperature Indicator Lamp
2	309-0195	1	*Bracket, Mounting
3	508-0126	4	*Washer, Insulating
4	508-0127	1	*Insulator, Sleeve
5	526-0021	1	*Washer, Flat (17/64"ID x 3/4"OD x 1/16"Thk)
6	856-0006	1	*Washer, Lock - EIT (1/4")
7	862-0001	1	*Nut, Hex (1/4-20)
8	332-0876	1	*Terminal, Ground
9	812-0075	2	>Screw, Machine - Round Head (#8-32 x 1/4")
10	854-0007	2	>Washer, Lock - IT (#8)
11	309-0162	1	>Switch, High Air Temperature

* - Sets with Switch Mounted on Exhaust Manifold.
> - Sets with Switch Mounted on Air Duct and Shutter - Spec A through H (External Springs).

ES-1430

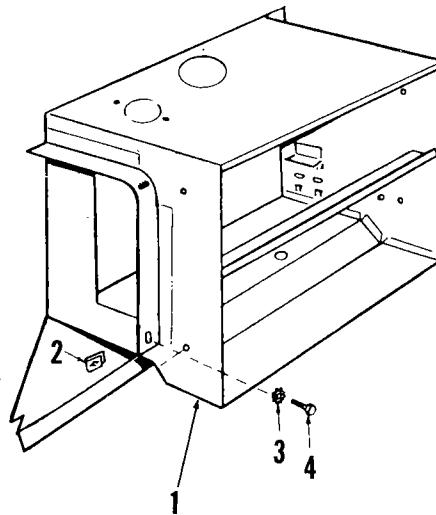
VACU-FLO COOLING — OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	134-1369	1	Scroll Assembly (Includes Parts Marked *)
2	895-0126	1	*Stripping, Seal
3	134-3082	1	*Guard, Scroll Outlet
4	815-0421	4	*Screw, Sheet Metal - Hex Head With ET (#10-16 x 1/2")
5	517-0150	1	Plug, Nylon (1-3/16" Hole) Scroll Center Opening
6	517-0112	2	Plug, Plastic (1" Hole)
7	508-0109	1	Grommet, Rubber (1" Hole) Governor Adjust Opening
8	517-0021	3	Plug, Dot Button (7/8" Hole) Scroll Mounting Opening
9	850-0045	4	Washer, Lock - Spring (5/16") Scroll Mounting
10	800-0028	4	Screw, Cap - Hex Head (5/16-18 x 1") Scroll Mounting

* - Parts Included in 134-1369 Scroll Assembly.

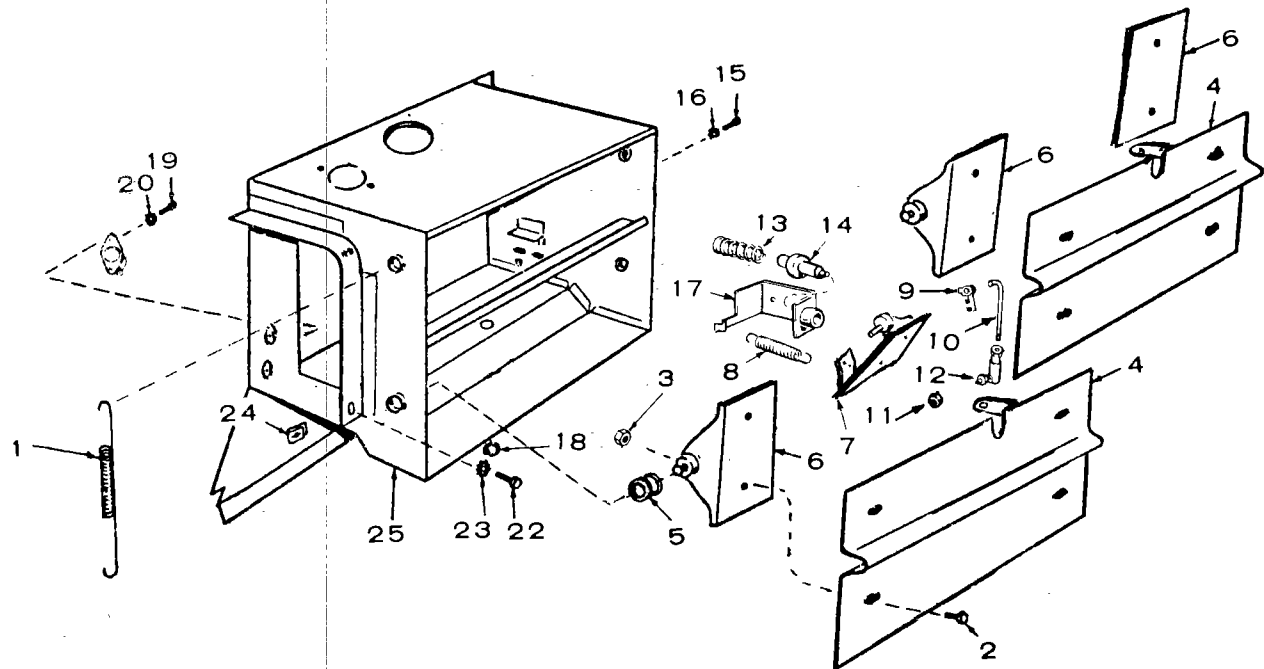
AIR DUCT — OPTIONAL



M-1153

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	134-3757	1	Duct Kit, Air - Includes All Parts Listed Below
2	870-0178	3	Nut, Speed - Sheet Metal (1/4-20)
3	853-0013	3	Washer, Lock - ET (1/4")
4	815-0235	3	Screw, Cap - Hex Head, Pointed End (1/4-20 x 5/8")

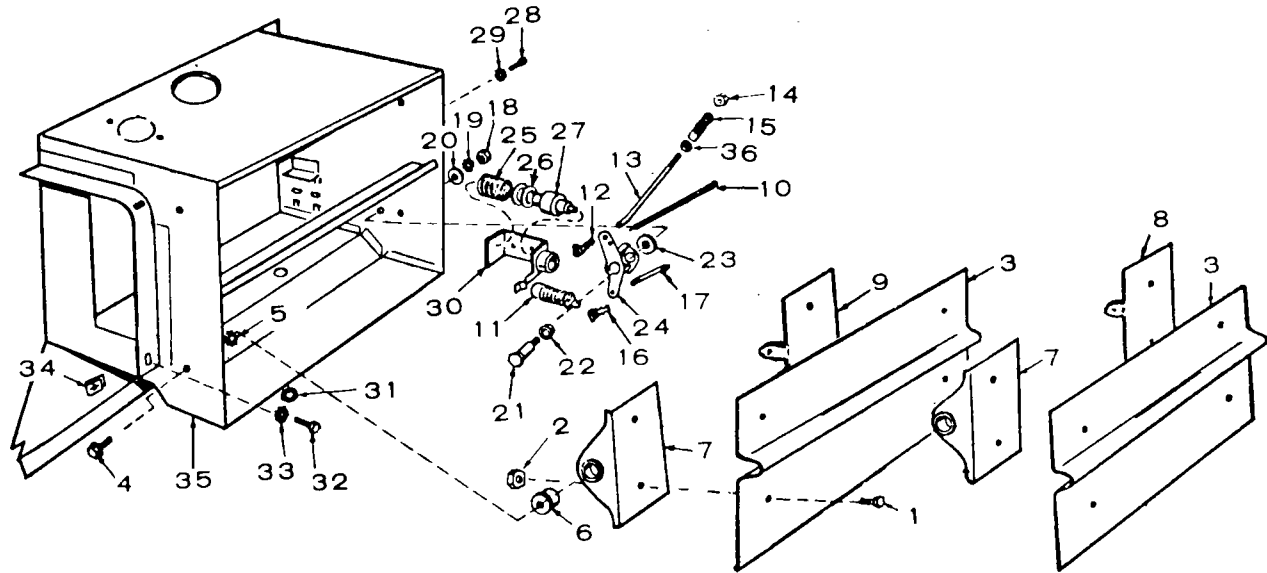
AIR DUCT AND SHUTTER — SPEC A THROUGH H — OPTIONAL EXTERNAL SPRING TYPE



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-1737	1	Duct and Shutter Assembly, Air - Complete
1	134-1437	2	Spring, Shutter Pivot
2	815-0194	8	Screw, Tapping - Hex Head With ET Lockwasher (#10-32 x 3/8")
3	870-0131	8	Nut, Hex - With ET Lockwasher (#10-32)
4	134-1252	2	Shutter, Air
5	134-1248	4	Bearing, Shutter Pivot
6	134-1242	3	Bracket and Pivot, Shutter
7	134-1238	1	Bracket Assembly, Shaft and Pin
8	134-0658	1	Spring, Shutter Return
9	518-0006	1	Clip, Rod End - Left Hand
10	134-1247	1	Rod, Shutter Control
11	870-0053	1	Nut, Hex (#10-32)
12	150-1358	1	Joint, Ball
13	134-0656	1	Spring, Vernatherm Element

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
14	309-0085	1	Element, Vernatherm
15	813-0097	2	Screw, Machine - Round Head (#10)
16	853-0008	2	Washer, Lock - ET (#10)
17	134-1244	1	Bracket and Guide, Vernatherm
18	508-0002	1	Grommet, Rubber
19	812-0075	2	Screw, Machine - Round Head (#8-32 x 1/4")
20	854-0007	2	Washer, Lock - IT (#8)
22	815-0235	3	Screw, Cap - Hex Head With Pointed End (1/4-20 x 5/8")
23	853-0013	3	Washer, Lock - ET (1/4")
24	870-0178	3	Nut, Sheet Metal - Spring (1/4-20)
25	—	1	Duct, Air (No Longer Available. Order Complete Assembly 134-1737 for Replacement.)

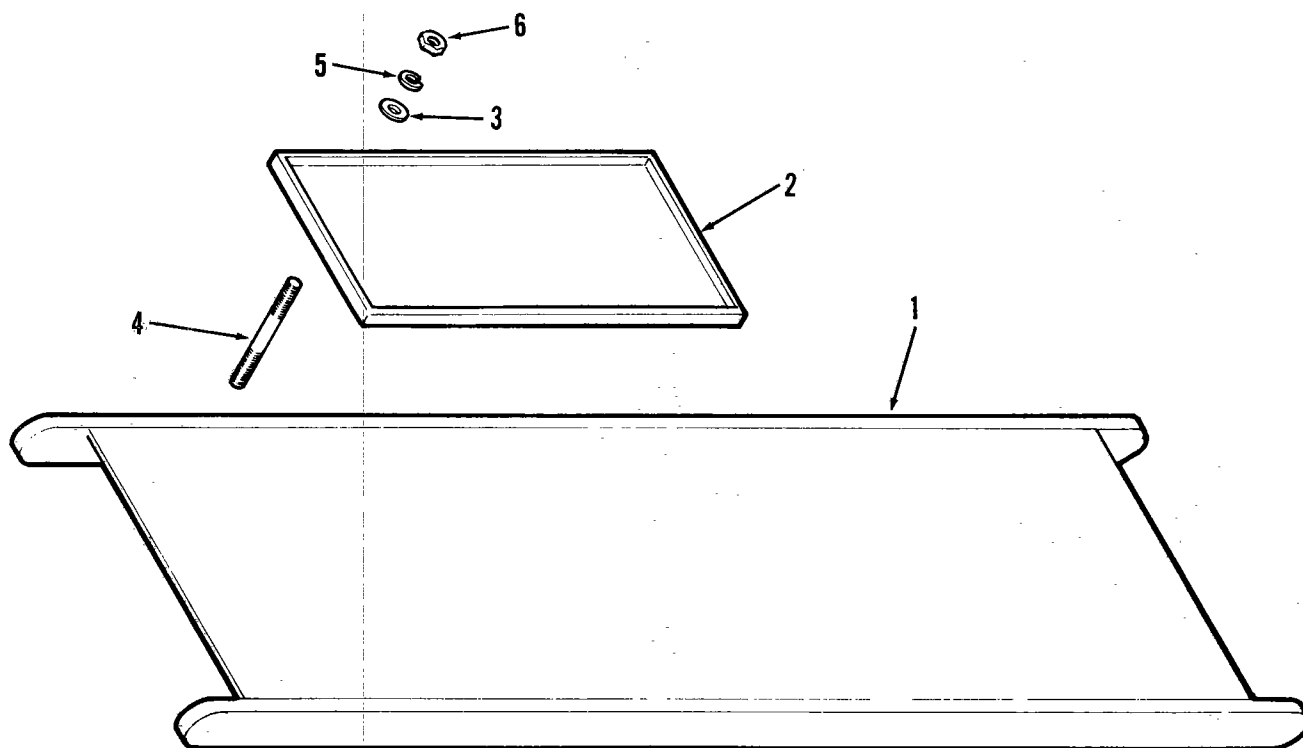
AIR DUCT AND SHUTTER — BEGIN SPEC J — OPTIONAL INTERNAL SPRING TYPE



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-4133	1	Duct and Shutter Kit, Air - Includes All Parts Listed Below
1	815-0194	8	Screw, Tapping - Hex Head With ET Lockwasher (#10-32 x 3/8")
2	870-0131	8	Nut, Hex - With ET Lockwasher (#10-32)
3	134-1807	2	Shutter, Air
4	821-0010	4	Screw, Self-locking - Hex Washer Head (1/4-20 x 1/2")
5	856-0006	4	Washer, Lock - ET (1/4")
6	134-2900	4	Bearing - Shutter
7	134-2411	2	Bracket and Pivot - Shutter
8	134-1802	1	Bracket and Pivot - Shutter and Rod (Upper)
9	134-1801	1	Bracket and Pivot - Shutter and Rod (Lower)
10	134-1817	1	Spring - Shutter Return (Upper)
11	134-0658	1	Spring - Shutter Return (Lower)
12	518-0004	1	Clip, Rod End - Right Hand
13	134-1606	1	Rod, Control - Upper
14	870-0131	1	Nut, Hex - With ET Lockwasher (#10-32)
15	150-1358	1	Joint, Ball
16	518-0006	2	Clip, Rod End - Left Hand

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
17	134-1607	1	Rod, Control - Lower
18	862-0015	1	Nut, Hex (5/16-18)
19	853-0016	1	Washer, Lock - ET (5/16")
20	526-0113	1	Washer, Flat (11/32" ID x 1" OD x 3/32" Thk)
21	134-1605	1	Shaft - Actuating Arm
22	134-1248	2	Bearing - Actuating Arm
23	526-0213	1	Washer, Flat (21/64" ID x 1" OD x 1/8" Thk)
24	134-1604	1	Arm, Actuating - Shutter
25	134-0656	1	Spring - Vernatherm Element
26	526-0175	2	Washer, Flat (41/64" ID x 29/32" OD x 1/16" Thk)
27	309-0085	1	Element, Vernatherm
28	813-0097	2	Screw, Machine - Round Head (#10-32 x 5/16")
29	853-0008	2	Washer, Lock - ET (#10)
30	134-1610	1	Bracket and Guide - Vernatherm
31	508-0002	1	Grommet, Rubber
32	815-0235	3	Screw, Cap - Hex Head, Pointed End (1/4-20 x 5/8")
33	853-0013	3	Washer, Lock ET (1/4")
34	870-0178	3	Nut, Speed (1/4-20)
35	134-3757	1	Duct Kit, Air
36	870-0053	1	Nut, Hex (#10-32)

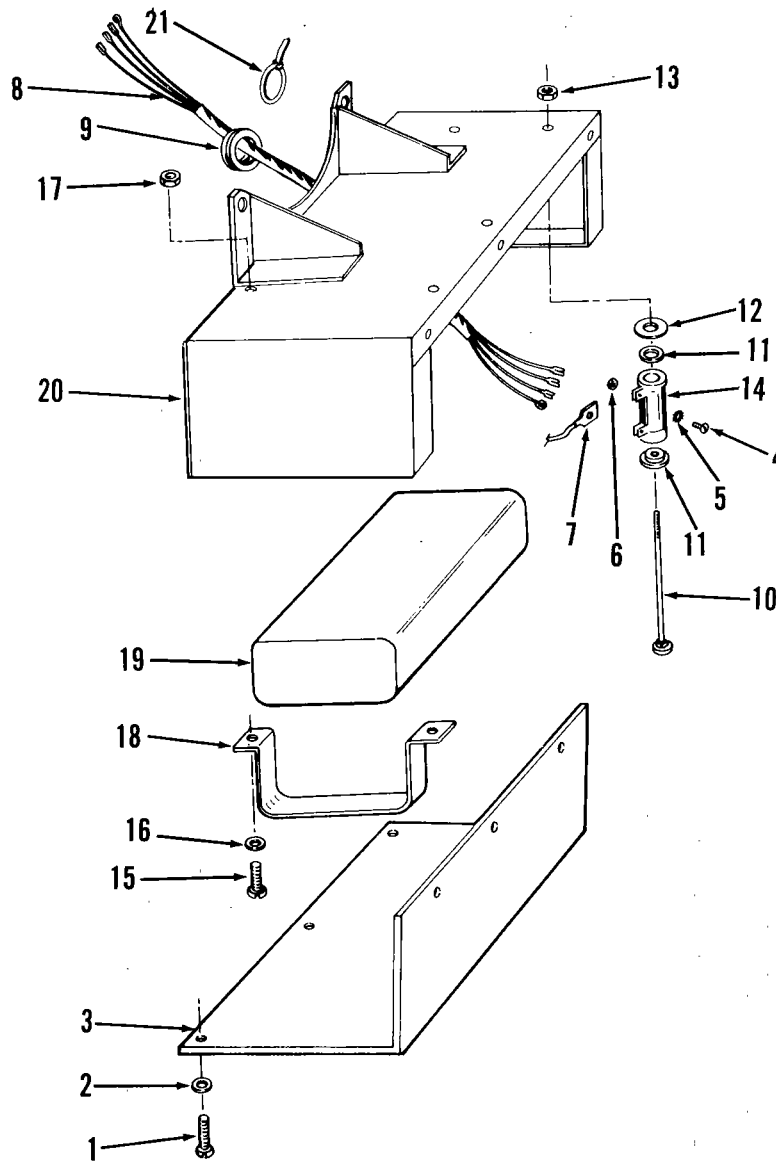
SKID AND BATTERY RACK — OPTIONAL



M-1134

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0679	1	Skid
2	416-0502	1	Frame, Battery
3	526-0115	2	Washer, Flat (11/32"ID x 11/16"OD x 1/16"Thk)
4	520-0490	2	Stud, Battery Frame
5	850-0045	2	Washer, Lock - Spring (5/16")
6	862-0015	6	Nut, Hex (5/16-18)

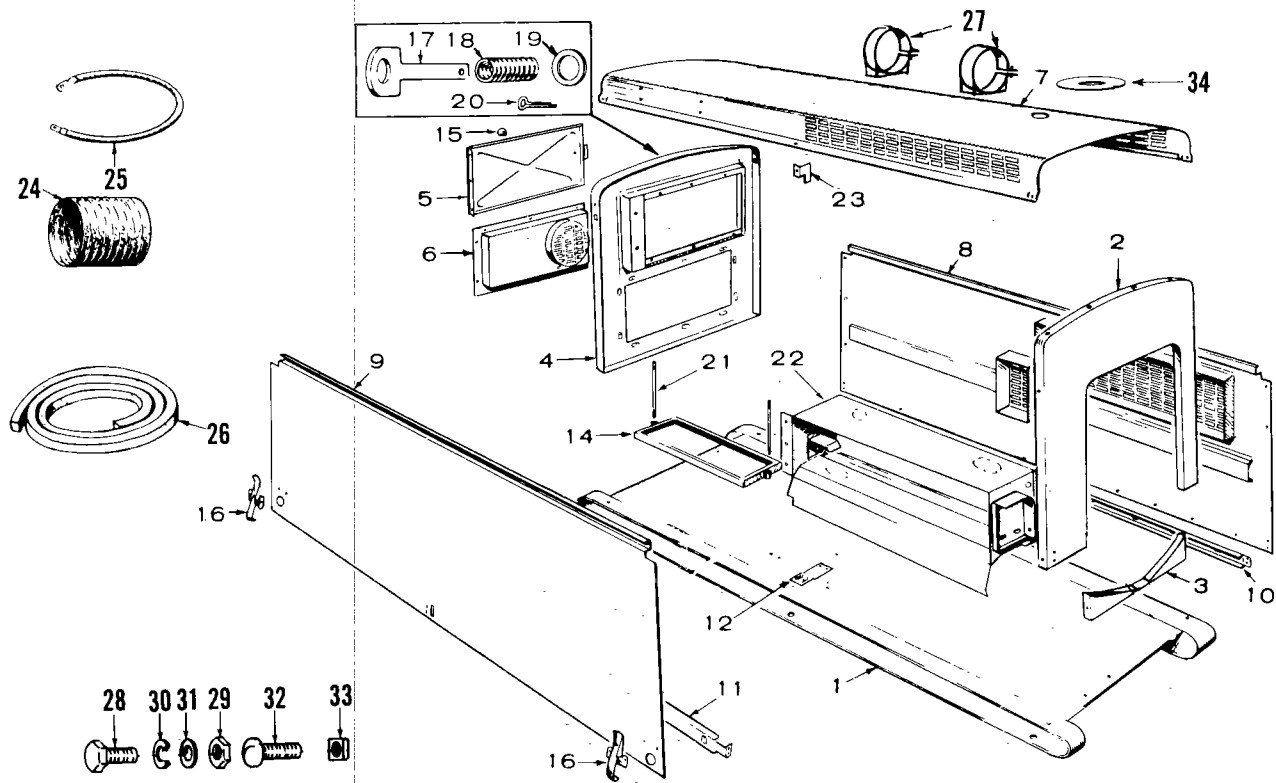
VOLTAGE REGULATOR FILTER - OPTIONAL



ES-1130

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	813-0098	6	Screw, Machine - Round Head (#10-32 x 3/8")	12	304-0292	2	Insulator, Resistor
2	850-0030	6	Washer, Lock - Spring (#10)	13	870-0053	2	Nut, Hex (#10-32)
3	232-2463	1	Cover, Housing	14	304-0120	2	Resistor, Fixed (2 Ohm, 25 Watt)
4	815-0001	4	Screw, Machine - Binding Head Brass (#6-32 x 1/4")	15	812-0079	4	Screw, Machine - Round Head (#8-32 x 1/2")
5	853-0003	4	Washer, Lock - ET (#6)	16	850-0025	4	Washer, Lock - Spring (#8)
6	860-0006	4	Nut, Hex (#6-32)	17	860-0008	4	Nut, Hex (#8-32)
7	332-1279	4	Terminal, Lug	18	312-0198	2	Bracket, Mounting - Capacitor
8	338-1165	1	Harness, Wiring	19	312-0197	1	Capacitor
9	508-0071	1	Grommet, Rubber	20	232-2462	1	Housing, Filter
10	813-0112	2	Screw, Machine - Round Head (#10-32 x 2-1/2")	21	332-0942	2	Tie, Cable
11	304-0015	4	Washer, Centering		625-1304	—	Diagram, Wiring

HOUSING AND SKID BASE — OPTIONAL

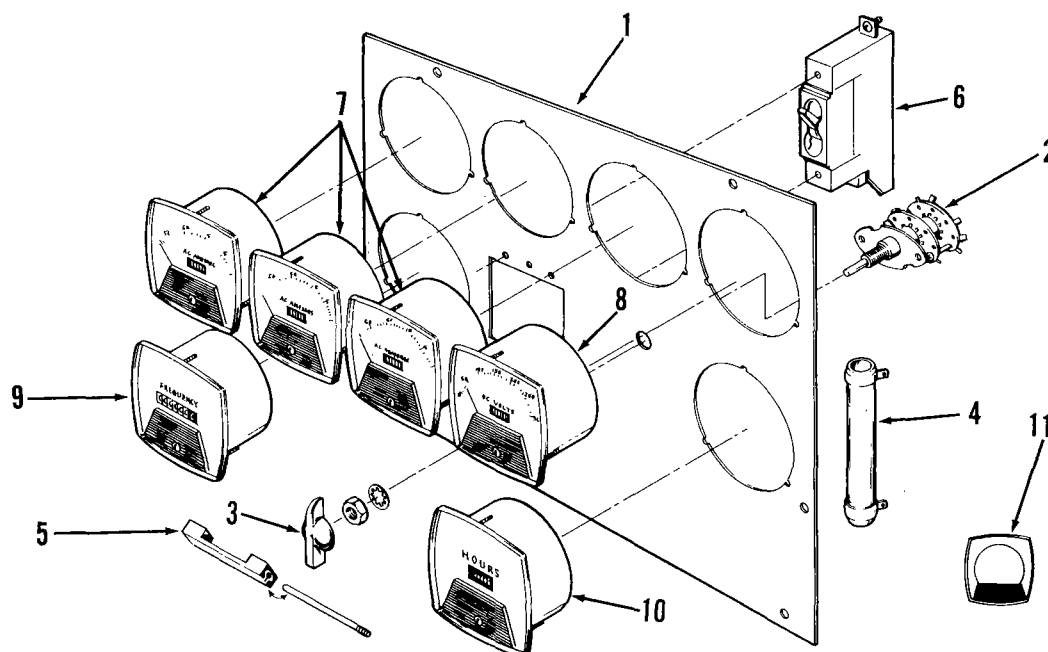


M-1353

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0679	1	Base, Skid
2	PANEL, FRONT - UPPER (Engine End)		
	405-1323	1	Sets Without Oil Bath Air Cleaner
	405-1651	1	Sets With Oil Bath Air Cleaner
3	405-1333	1	Panel, Front - Lower (Engine End)
4	PANEL, REAR (Generator End)		
	405-1322	1	Sets Without Meter Panel
	405-1331	1	Sets With Meter Panel
5	PANEL, DOOR - REAR END		
	405-1329	1	Sets Without Meter Panel
	405-1332	1	Sets With Meter Panel
6	405-1330	1	Panel, Generator Access
7	405-1348	1	Panel, Top
8	PANEL, RIGHT SIDE		
	405-1347	1	Sets Without Shutters
	405-1355	1	Sets With Shutters
9	405-1346	1	Panel, Left Side
10	405-1344	1	Rail, Stiffener - Right Side
11	405-1345	1	Rail, Stiffener - Left Side
12	405-1341	2	Bracket, Stiffener Rail
14	416-0502	1	Frame, Battery Hold-down
15	406-0002	1	Knob, Rear End Door Panel
16	406-0105	2	Fastener, Housing Hold-down
17	405-1138	2	Pin, Shoulder - Rear End Panel
18	405-1139	2	Spring, Shoulder Pin - Rear End Panel
19	526-0115	2	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
20	516-0039	2	Pin, Cotter (3/32 x 5/8")
21	520-0490	2	Stud, Battery Hold-down (5/16 x 8-13/16")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
22	DUCT, EXHAUST MANIFOLD (See Separate Group for Components)		
	134-3757	1	Sets Without Shutters
			Sets With Shutters
	134-1737	1	Spec A through H (External Springs)
	134-4133	1	Begin Spec J (Internal Springs)
23	405-1181	2	Stop, Door
24	503-0423	1	Hose, Flexible - Generator Air Duct
25	336-0476	1	Strap, Ground - Engine to Frame
26	895-0104	1	Stripping, Foam Weather - (76")
27	BAND, MUFFLER		
	140-0631	2	Used for Mounting 155-0456 (Standard) Muffler
	140-0078	2	Used for Mounting 155-0360 (Critical) Muffler
28	SCREW, CAP - HEX HEAD		
	800-0025	8	5/16-18 x 5/8"
	821-0010	20	1/4-20 x 1/2" (Self-Locking)
29	862-0015	14	Nut, Hex (5/16-18)
30	WASHER, LOCK - SPRING		
	850-0045	12	5/16"
	850-0040	10	1/4"
	850-0030	34	#10
31	526-0115	2	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
32	SCREW, MACHINE - ROUND HEAD		
	813-0098	34	#10-32 x 3/8"
	812-0146	10	1/4-20 x 3/8"
33	870-0110	16	Nut, Speed (1/4-20)
34	405-1673	1	Shield, Rain

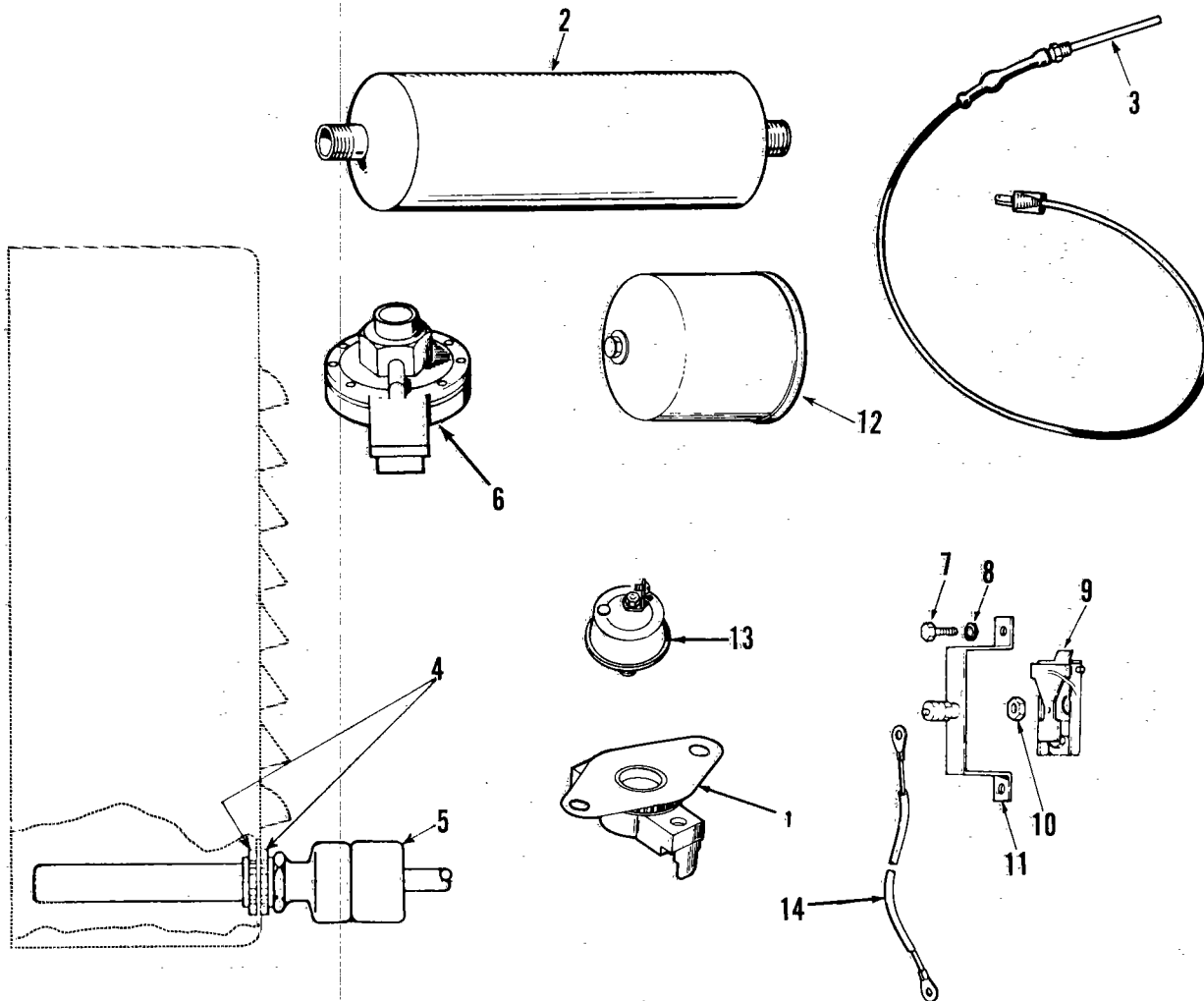
AC METER PANEL (HOUSED SETS) — OPTIONAL



SC-1115 -1

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	PANEL, METER - Begin Spec AA (Spec A through Z Supply Complete Model, Specification Number and Serial Number)			6	BREAKER, CIRCUIT (Select According to Existing Breaker)		
			120 Volt				Single Pole
301-1641	1		Sets With Frequency Meter and Running Time Meter	320-0018	As Req		20 Amp, 120/240 Volt
			240 Volt	320-0019	As Req		25 Amp, 120/240 Volt
301-1641	1		Sets With Frequency Meter and Running Time Meter	320-0058	As Req		30 Amp, 120/240 Volt
			120/208 Volt	320-0020	As Req		35 Amp, 120/240 Volt
301-2088	1		Sets Without Frequency Meter and Running Time Meter	320-0195	As Req		55 Amp, 120/240 Volt
301-2204	1		Sets With Frequency Meter and Running Time Meter	320-0366	As Req		65 Amp, 120/240 Volt
			120/240 Volt				Three Pole Companion
			Single Phase Sets	320-0484	As Req		12 Amp, 480 Volt
301-1554	1		Sets Without Frequency Meter and Running Time Meter	320-0485	As Req		15 Amp, 480 Volt
301-2288	1		Sets With Frequency Meter and Running Time Meter	7	AMMETER, AC (Select According to Scale)		
			Three Phase Sets	302-0715	As Req		Scale Reads 0-15
301-2088	1		Sets Without Frequency Meter and Running Time Meter	302-0460	As Req		Scale Reads 0-20
301-2204	1		Sets With Frequency Meter and Running Time Meter	302-0418	As Req		Scale Reads 0-30
			240/416 Volt	302-0444	As Req		Scale Reads 0-35
301-2308	1		Sets With Frequency Meter and Running Time Meter	302-0419	As Req		Scale Reads 0-50
			277/480 Volt	302-0458	As Req		Scale Reads 0-80
301-2373	1		Sets Without Frequency Meter and Running Time Meter	8	VOLTMETER, AC (Select According to Scale)		
301-2308	1		Sets With Frequency Meter and Running Time Meter	302-0420	1		Scale Reads 0-150
				302-0421	1		Scale Reads 0-300
2	308-0012	1	Switch, Selector - Voltmeter (3 Phase Sets)	302-0612	1		Scale Reads 0-500
3	303-0076	1	Knob, Selector Switch - 3 Phase Sets	302-0422	1		Scale Reads 0-600
4	304-0305	1	Resistor, Fixed - 277/480 Volt Sets (45,000 Ohm, 10 Watt)	9	METER, FREQUENCY (Check Meter Face for Part Number)		
5	BAR, CIRCUIT BREAKER TIE						50 Hertz
320-0187	1		Sets With 3 Circuit Breakers	302-0234	1		100-150 Volt
320-0202	1		Sets With 2 Circuit Breakers	302-0256	1		200-250 Volt
							60 Hertz
				302-0213	1		100-150 Volt
				302-0221	1		200-250 Volt
				10	METER, RUNNING TIME (Check Meter Face for Part Number)		
							50 Hertz
				302-0468	1		120 Volt
				302-0469	1		240 Volt
							60 Hertz
				302-0465	1		120 Volt
				302-0466	1		240 Volt
				302-0467	1		480 Volt
				11	302-0448	1	Plate, Meter Face (Used on Early Style Round Meters)

MISCELLANEOUS OPTIONAL PARTS



M-1142-1

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	309-0270	1	Thermostat, Low Engine Temperature
2	155-0360	1	Muffler, Exhaust - Critical (Housed Sets) 24" Long (1-1/2" Inlet and Outlet)
3	102-0558	1	Heater, Oil Base
4	331-0041	2	Nut, Lock (1/2") Begin Spec AA
5	333-0184	1	Heater, Generator Space - Begin Spec AA
6	148-0367	1	Switch, Vacuum - Gas and Gas-Gasoline Sets
7	SCREW 813-0100	2	Machine - Round Head (#10-32 x 1/2") Spec A through Z
	800-0003	2	Cap - Hex Head (1/4-20 x 1/2") Begin Spec AA

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
8	WASHER, LOCK - SPRING 850-0030	2	#10 - Spec A through Z
	850-0040	2	1/4" - Begin Spec AA
9	SWITCH, OVERSPEED 150-0956	1	60 Hertz Sets
	150-1661	1	50 Hertz Sets
10	868-0004	1	Nut, Jam - Hex Head (7/16-20)
11	BRACKET AND POINT ASSEMBLY 150-0958	1	Spec A through Z
	150-1446	1	Begin Spec AA
12	122-0193	1	Filter, Oil - Heavy Duty (5-3/4")
13	SWITCH, LOW OIL PRESSURE 309-0064	1	Spec A through E
	309-0169	1	Begin Spec F
14	336-9477	1	Lead - Overspeed Switch (Begin Spec AA)