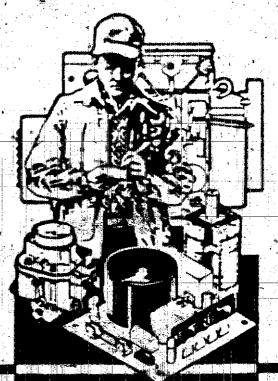
Parts Manual

DEF

GenSet



Onan Service Parts

977-0220 10-85 (SPEC 0-L) Replaces 2-82 (SPEC 0-L)

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Adapter, Generator		A9 A5	Liame, Fuel a	A11; A13, B
Belt. Drive Alternator		A6	Menifold, Exhaust - Wet Mount, Vibration	87,89.C C A9,C1
Belt, Or we fan		A Ø	Muffler, Exhaust	e daje no najale nej
Box. Output		E12 '	Redistor Voltage Alternator	
Bresh Allernator		AE	Regulator, voltage - End Bell Mid Regulator, voltage - Switching	£ 1
Cante, Maltery		AB	August Lary Voltinger - Torone Matched	
Capacy Bor	7	85	Motor, Alternator Rotor, Exciter	
Chassis Cleamer, Air	•	67	Anton, Generator	E3. E
Control Engine		C13	Sender. Pressure - 011	
Corror Generalist	the make a	151	Sender Temperature - Meter Sender Temperature - Of	l. L
Drive Starhometer -	•	A7	Shield, Heat - Muffler	C:
The transfer to the second		And :	Sasemoid, Start Standpion	• 6
Exchanges, Amen		A.A. B. C.T.	- Statement function - Statement S	ET, E
	grant the		See tide, here's his ton here!	
* Her, Copting * Epiter, Coptent & Engine		Mt.	mitch Phase Dust	
Filter, fuel to Filter worth			Switten Temperature - Hi Ingine Switten Jameserature - Low Ingine	# #
Generator Spec O Mil.		E3	α^{μ} . β	· ///
Generator - Becan Spec F	A5, 87, 89, 814,	- 長歩 - 日本語	Tank, Fuel - Day Tank, Fuel - Modking Mountled	
Guard, Fan		• 8	Transformer, Surrent	
. Harmess, Wiring - Comtro		G15	Trax. Battery Tube, Exhaust	
Harness, Wiring - Engine Heater, Control		A 7	valve. Orain - Dily	,
Heater, Engine Logiant A	Mentical Tanks	CS ~	Valve, Shutoff - fuel	87, 89, 811, 8
Heater, Generator Holodown, Sattery		E:	Valve, Temperature Regulating - Wate	89 81 8
Horse Brain Dil		85	wattmeter	D
Housing, Control		Dac'		
* Nousing Set				
			不肯 的复数医有性原染物 经验证	
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Introduction

This Parts Manual applies to the Standard Generator Sets listed below. The illustrations are arranged in groups of related items, and each part or assembly is identified by a Reference Number. All parts illustrated are typical, and unless otherwise mentioned in the description column of the parts lists, the parts are interchangeable between models.

These typical illustrations are subject to change and reflect only the latest replacement parts arrangement. The Right and Left side of the Set are determined by FACING the engine end (Front) of the

1		Selvan		
Windson - State of the	MODEL IDENTIFICTION	KW RATING	RPM RATING	BATTERY VOLTAGE
Ţ	The Court of the C	I ST WAS MATTE	1500 RPM	t vpc

Electrical Data Table

ř	VOLTAGE CODES	VOLTS	HERTZ	WIRE	PHASE	NOTES
The same and the same of the s	and agreement of the second construction and second	125 740 2 740 446 720 146	The state of the s	-4	**	•
	i h	347 MM M 120 240 130 MM	科 (2)		•	
		120 240 123 240				5
r.		240 416 254 440 227 480	1		34*	
	53 5%	10 210	50 55	12	1	
	515	115.230 110.230	ε.(')	12		
		115 200 115 230 120/208 127/220				
		220/080 230/400 240/4/6 254/440				

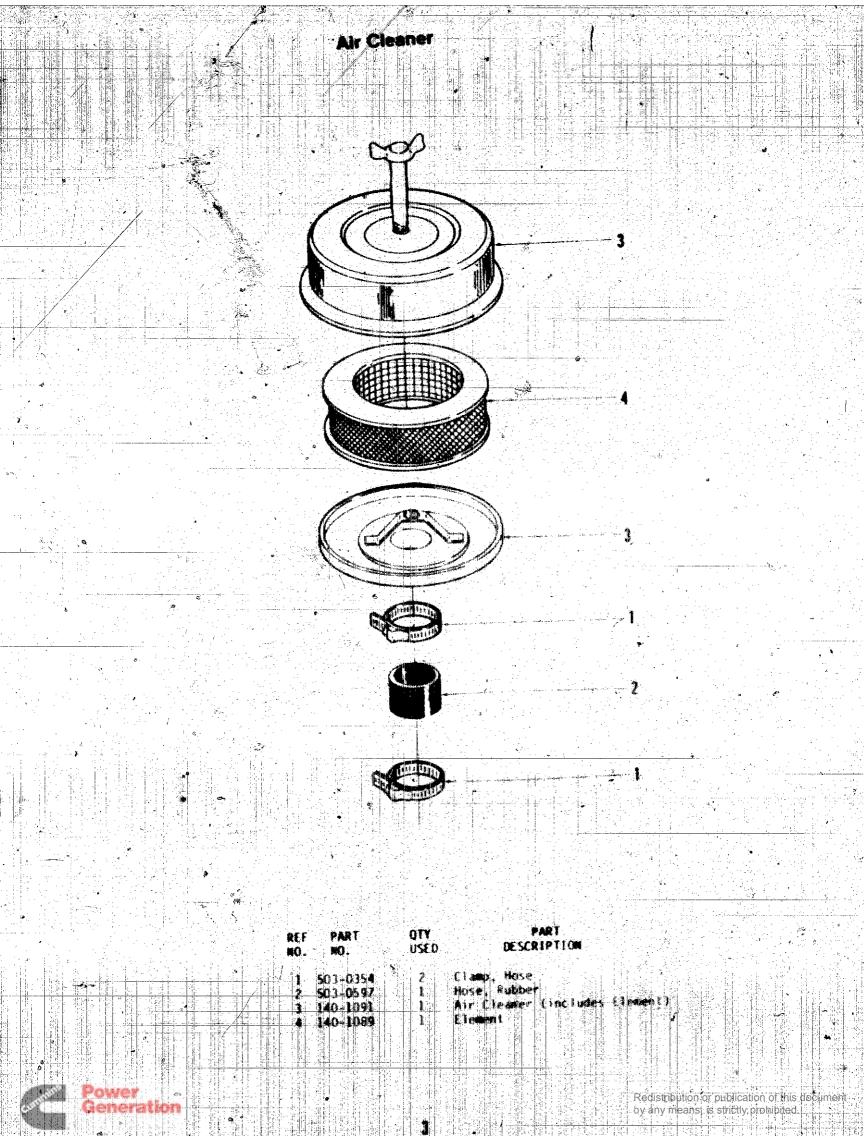
Voltage codes follow model letters designations

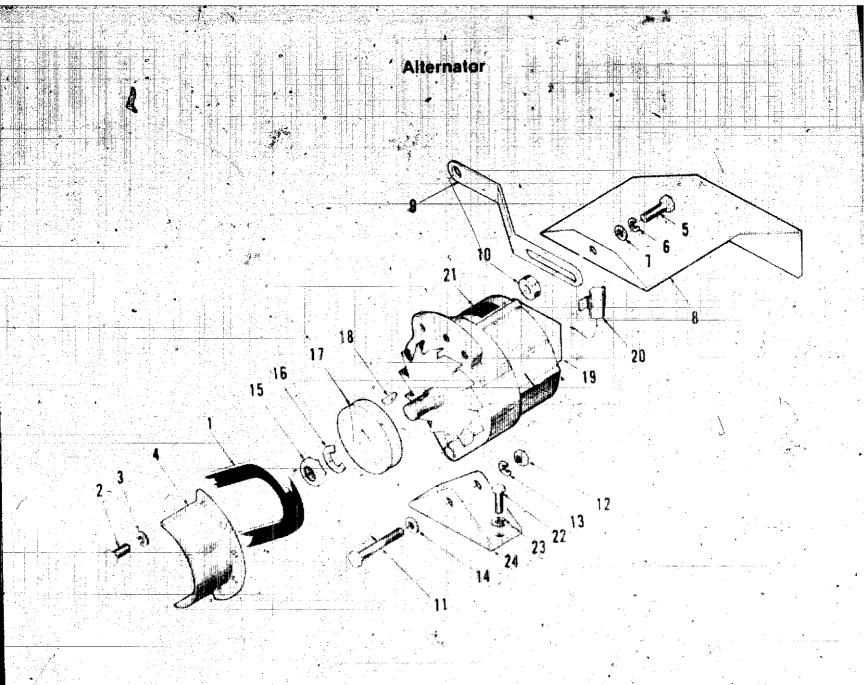
- Specification number number to standard all others indicate variations
 - Specification letter letter advances (A to B. B to C. etc.) with major manufacturing changes
 - These generators are reconnectible refer to Operator's manual for wiring data

Engine Replacement Parts

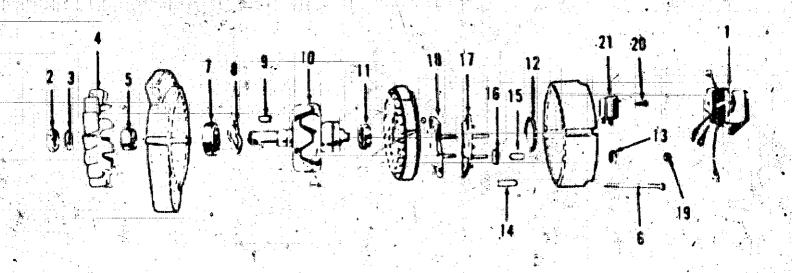
All engine replacement parts must be ordered from the engine manufacturer, excépt those modified or added by Opan When ordering engine parts refer to the manufacturers nameplate and supply the Model, Spec, Serial numbers and other available information. Refer to the engine manufacturer's manuals for your nearest authorized distributor or parts center or contact the Chan distributor from whom you purchased this set for assistance in ordering replacement parts





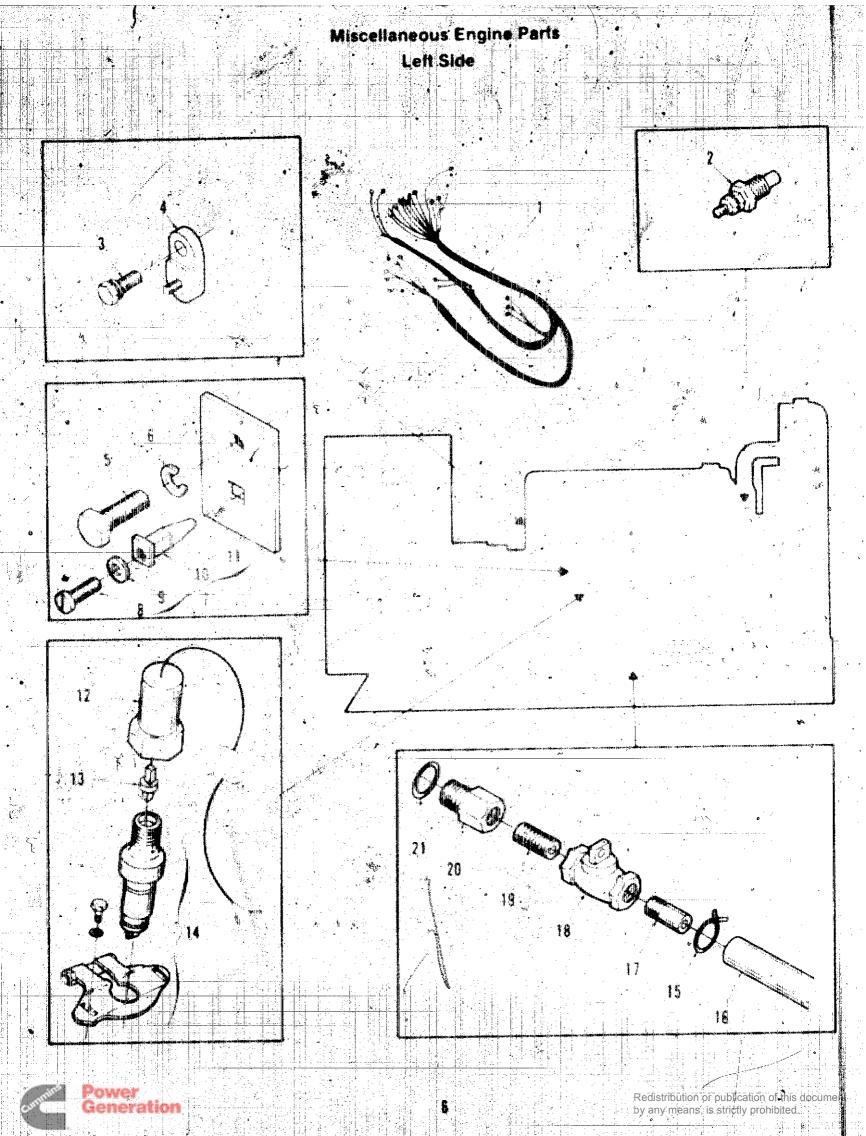


	REF	PART NO.	QTY USED	_PART DESCRIPTION	REF	PART NO.	OTY USED	PART DE SCRIPTION
			, y	Belt, Orive	13	850-0060	, Jwa	sher, Lock - Spring (1/2")
	1	5 1-0084 800-0024		Screw Cap Her Head	14	526-0100	, Ma	sher, Flat (9/16*10 x 1-3/8*00 x 7/64*THK)
				1 (5)16 (1) k k 1/2") 1 1 1 1 1 1 1 1 1	15	191-0941	1 No	d Hex (5/8-18)
	4	*85 0- 0045		Masher, Lock - Spring (5/16*) Guard, Belt	₽ 16	850-0070		sher, Lock - Spring (5/8*)
•	4	191-0725 800-0030		Screw. Cup + Hex Head		191-0781		illey y Noodruff (#5)
		A STATE OF THE STA		(\$716-18. ± 1-1/4")		515-0093 191-1390	1 Re	equilator, Voltage
	16	850-0045	1	Washer, lock - Spring (5/16") Washer, Flat (5/16")		312-0201	4 63	inac itor
		526-0030 191-0619	01.16 1 0000. - 11.1 1 0000.	Shield, Heat	21	191-1388) A	Iternator - 12 VDC (See Separate Page for Components)
	•	191-0101	i	Strap. Adjusting	22	800-0050	1 50	rew Cap - Hex Head
		191-0791		Spacer . Screw, Cap - Hex Head		å.	Land	(5/16-18 x 1-1/4") asher, Lock - Spring (5/16")
L	11	800-0095	•	$(1/2-13 \times 2-1/4)$	23 24	and the second of the second o	1 W	racket, Mounting
	12	862-0016	1	Mut, Hex (1/2-13)	Z*	TAX Arracan		
					Male.			
	0.	20wer					• Re	distribution or publication of this document
¢> C		generatio	n				17 March 1984 (1984) 1 Co. L.	any means, is strictly prohibited.



Alternator Components

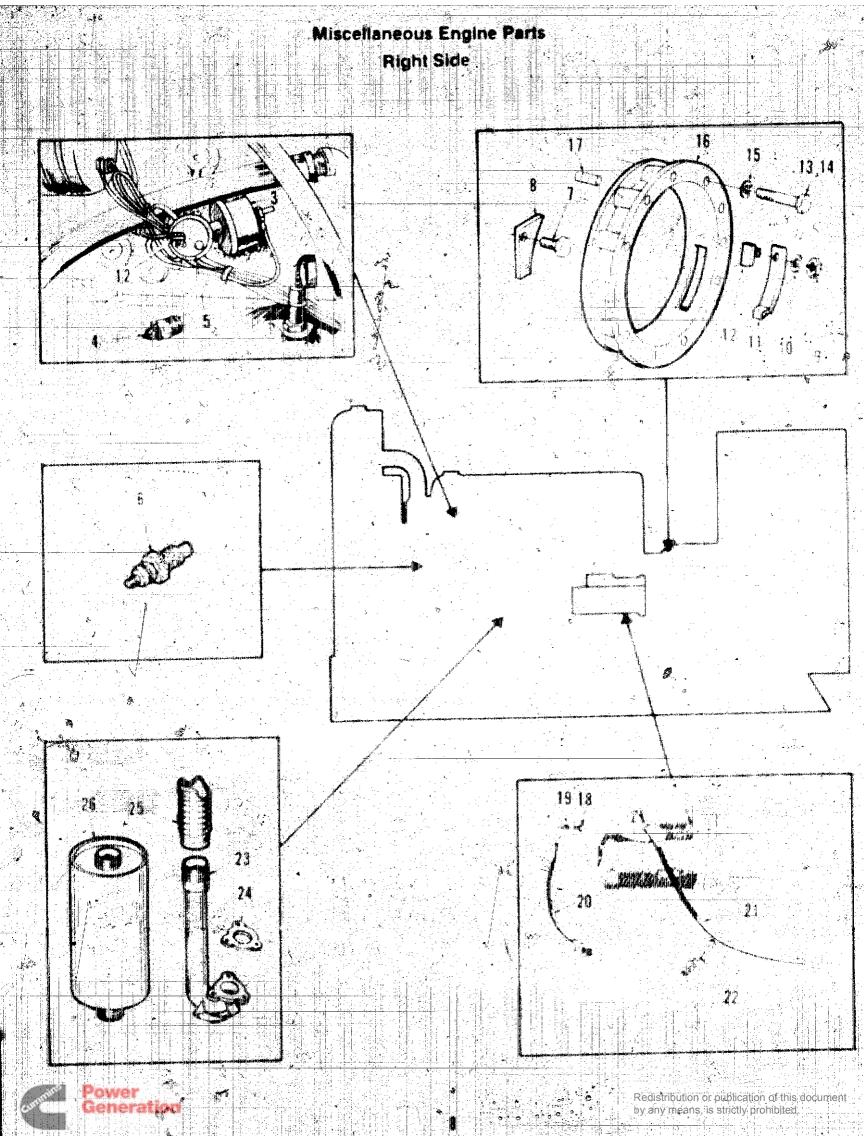
9E 90		QTY USED	PART DESCRIPTION	REF NO.	11 12 13 14	- OTY S ISED	PART DE SCRIPTION
							turi turi bilandari
	191-1388		Alternator - 12 VIC	1.3	3.41-1503	III,	Insulator, Mather
	. 191-1390	1	Réquiator, Voltage - 12 VOC				(1/4*10 x 3/4*00 x 1/8*19#3
7.	191-0941	1		14	191-1705	a de la companya de	Insulator, Steeve
3	850-0070		Washer, tock - Spring (5/8")	. *	h		etito mainista
4	191-0943	1	· Fan, Cooling	15	191-0954	4	Insulator, Sleeve
- 5	191-1693	1	Spacer - Fan				(#10 10 x 19/32*4G)
16	191-0963	4	Bolt - Hex Washer Head	16	191-0953	4	Insulator, Washer
			(*10-32 x 2-55/64")			•	∴ (¥10 10 x 3/4*00 x 1/16*T₩1
7	191-1722		Bearing, Ball - Front	17	191-0661	, 1	Diode Assembly - Positive
я	(191-0948		Retainer, Bearing - Front	. 18	191-0662	•	Diode Assembly - Megative
	V115-0093		Key, Woodruff (45)	19	1967 - DOO		Mat. New (1/4-20)
	191-0950		Rotor, Alternator	. 20	191-0957	P	Screw, Japping - Nex Washer Nead-
	191-1710		Bearing, Ball Rear			A A STATE OF THE STATE OF	(//8 ± 1/2*)∀
1 7	191-1711		Retainer, Bearing Rear	- 21	191-1522	· •	Brush Assembly
	***				14月年		
		for Miles	문다. 그렇게 살은 사람이 하다는 것이다.				



Miscellaneous Engine Parts

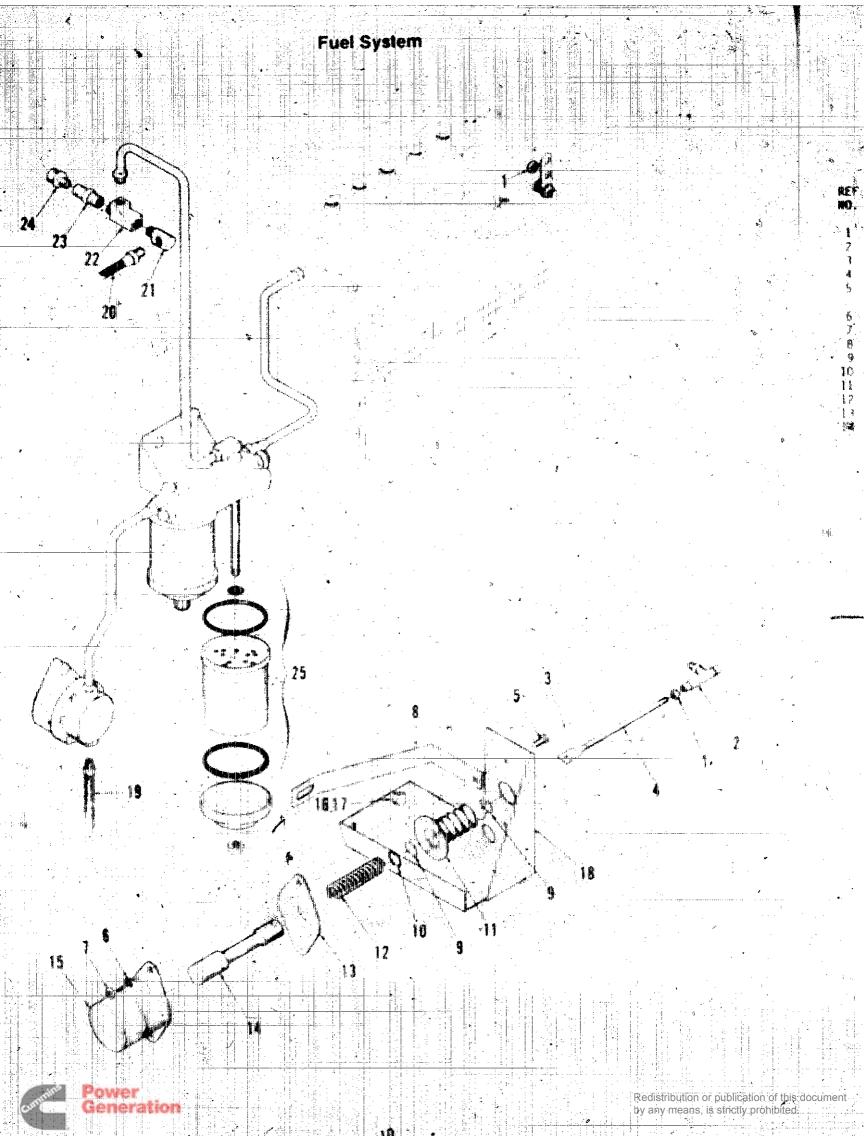
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15%	- Miljery	ا در ال	P994 400	

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	HEF PART OF		EF		
100	18. WJ. US		0.	. NO. USED DESCRIPTION	
					100
٠.,	1 338-0538 1			870-0196 1 *Nut, Insulating (#8)	٠.
		Sender, Temperature - Water (E2)	1	332-1281 *Plate, Mounting - Terminal	
	193-0246 1	Begin Spec K	2	302-0750 1 Sender, Tachometer (G2)	٠.
	To the control of the	Section 1 and 1 an	3	The same to the transfer of the same of th	
	193-0104			302-0757 1 Drive - 1406	
	3 R21-0029			503-0131 1 Clamp, Ho∮e .	
. 8		THE PROPERTY OF THE PROPERTY O		· · · · · · · · · · · · · · · · · · ·	٠.,
	4 309 0269	The in the second of the secon			
	4 PM (YOL) 1	Screw, Cap Hen Head	A.	505-0135 1 Nipple Pipe Half	
	The state of the s	() () () () () () () () () ()		(3/8 M/T (1-1/2"L6)	
	6 R56 0010	decimal tente (11 (3/8")		504-0030 1 Valve (3/8 (PT)	
		Terminal Board (Includes Parts // 1	4	505-0101 1 Wipple, Pipe Close	
	7, 312-1292	Marked *)		1978 MPT xx LTLG)	
		The state of the s	P(')	102-0619 1 Adapter, Pibe - Hex	
	8 FICIP - 00-35	in the formula field the man bedrauer werden of the second of the contract o			
		Herard (#8 x 374*)	. 14	SERVICE TO A SERVICE AND A	

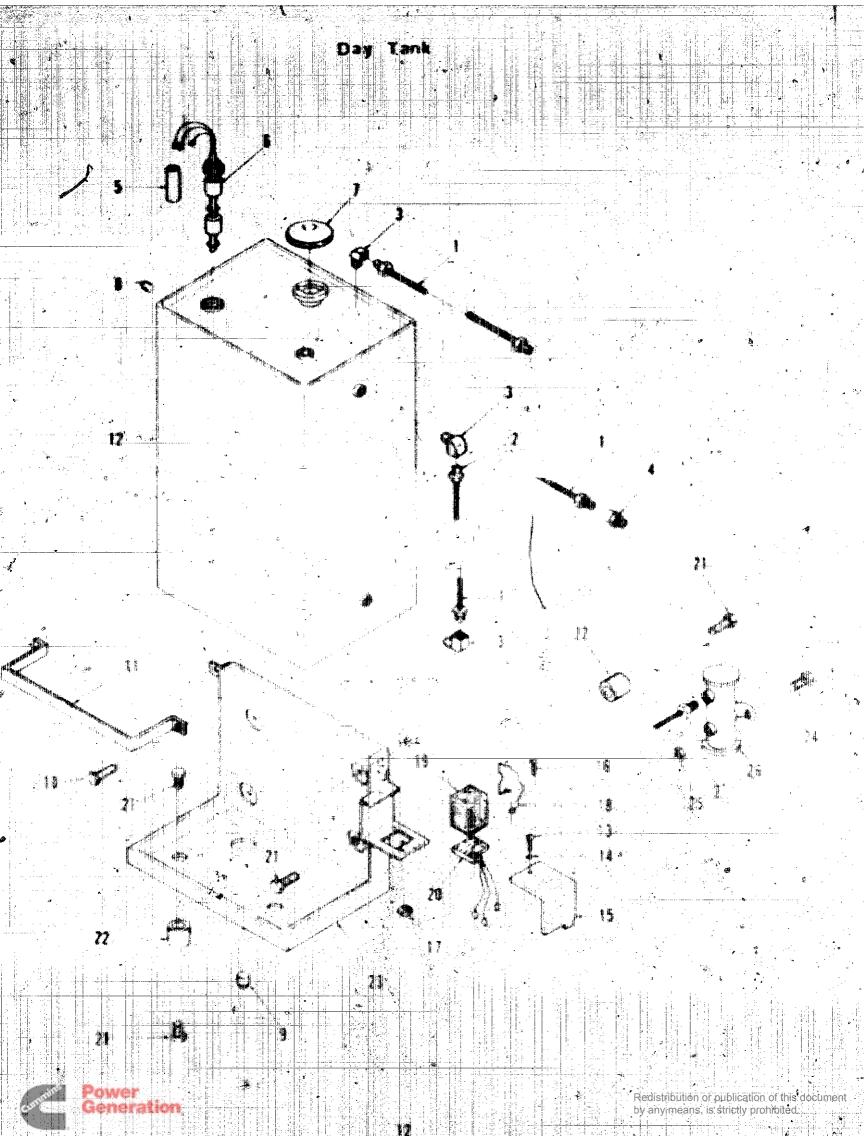


Miscellaneous Engine Parts Right Side

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0064	1	Switch, Pressure - 0il (S1)	8	191-0802	1	Cover, Access - Starter
_		_	(Shutdown))	9	862-0001	2	Nut, Hex (1/4-20)
2	309-0169	1	Switch, Pressure - Oil (S6)	10	850-0040	2	Washer, Lock - Spring (1/4")
			(Pre-Alarm)	11	232-2210	2	Cover, Access - Generator Adapter
3			Sender, Pressure - Oil (E1)	12	232-2211	2	Catch, Access Cover
	193-0244	1	Begin Spec K	13	800-0072	8	Screw, Cap - Hex Head
	193-0108	1	Spec D Thru J				$(7/16-14 \times 1-1/4")$
4			Sender, Temperature - Oil (E4)	14	800-0076	1	Screw, Cap - Hex Head
	193-0249	1	Begin Spec K				$(7/16-14 \times 2-1/4")$
	193-0188	1	Spec D Thru J	15	850-0055	9	Washer, Lock - Spring (7/16")
5			Mounting Items For Senders	16	231-0149	1	Adapter, Generator
	505-0059	1	Tee, Pipe (1/8 NPT)	17	516-0152	2	Pin, Dowel - Alignment
	505-0763	1	Cross, Pipe (1/8 NPT)	18	800-0069	1	Screw, Cap - Hex Head
	505-0098	1	Nipple, Pipe - Close				$(7/16-14 \times 3/4")$
			(1/8 NPT x 3/4"LG)	19	856-0012	1	Washer, Lock EIT (7/16")
	505-0007	1	Bushing, Reducer - Hex	20	416-0530	ī	Cable, Battery - Negative
			(1/4 NPT x 1/8 NPT)		416-0531	ī	Cable, Battery - Positive
6			Switch, Thermostatic - Water	22	416-0446	1	Cable, Battery - Jumper
	309-0312	1	Begin Spec K (Shutdown) (S2)		155-1116	ī	Elbow, Exhaust
	309-0179	1	Spec D Thru J (Shutdown) (S2)		155-1975	ī	Gasket
	309-0178	1	Pre-Alarm (S7)		155-0633	ī	Tube, Exhaust
7	800-0069	1	Screw, Cap - Hex Head (7/16-14 x 3/4")		155-0917	ī	Muffler, Exhaust

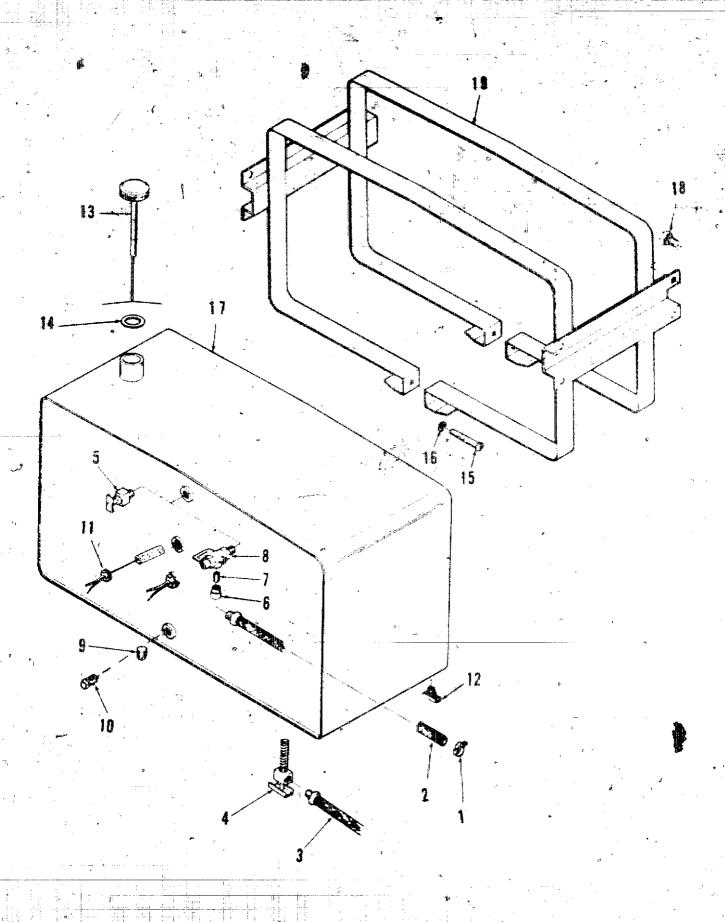


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RE	r Pagr June		1 ec F.	PART GTY	PART DESCRIPTION	
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1 2	115-0025 2 150-0638 1	But, Hex (1/4-28)		7-0678 0-0069	Satemald - 12 VDC K1 Screen, Cap - Hex Mead	
3	\$16-8103 1 06-0218 1	Pin, Roll		0-0059	(7/16-14 x 3/4") Washing Lack — Sorting	
5	117+0150 - 2	Screw, Martitor - Round -Head (1/4-27) x (277")	19 🛠	6-0214. 1 11-0277 /	(backet Mount for 1	
6	850-0040 1 2 862-0001	Washer, Lock 301109 (1/4*)	21 5	15-0050 3 11-0552	time frame to fine the time to	THE STREET STREET
a G	The state of the s	Brace Ring Retained	1 (T) (T)	15 - 0.202 J	Take (178 MPT)	(F)
10	The state of the s	Ring Metaining	7 1	12-0191 2 1	Adapter, Pipe (1/8 of Element, Forl Filter	te e estat tento e e e e e e e e e e e e e e e e e e e
-17		Spring Spacer			- A 福本 事 (世代本)	
		2) gillighte dan is.				



Day Tank

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	501-0008	2	Line, Fuel - Flexible (32°LG)	17	870-1183	2	Nut, Hex W/ET Lockwasher (#6-32)
2	501-0015	1	Line, Fuel - Flexible (16"LG)	18	307-1157	1	Spring, Holddown - Relay
3	502-0041	3	Elbow, Pipe - Street, 90 DEG,	19			Relay
_			Brass (1/4 NPT)		307-1058	1	12 VDC
4	502-0051	1	Coupling, Pipe - Brass (1/4 NPT)		307-1056	1	24 VDC
5	332-0556	4	Splice, Electrical	20	323-0765	1	Socket, Relay - Less Terminals
6	4150321	1	Switch, Float		323-1280	11	Terminal
7	159-0007	1	Cap, Fuel Tank	21	821-0014	8	Screw, Self-Locking - Hex Washer
8	505-0054	1	Plug, Pipe - Square Head (1/4 NPT)				Head (5/16-18 x 1/2")
9	505-01001	1	Plug, Pipe - Square Head (3/8 NPT)	22	402-0070	4	Mount, Vibration
10	821-0013	2	Screw, Self-locking - Hex Washer	23	415-0324	1	Bracket, Mounting
			Head (1/4-20 x 1")	24	821-0018	2	Screw, Self-Locking - Hex Washer
11	415-0323	1	Strap, Retaining				Head (1/4-20 x 5/8")
12	415-0325	1	Tank, Fuel	25	870-0212	2	Nut, Self-Locking - Hex Washer
13	813-0098	ī	Screw. Machine - Round Head				Head (1/4-20)
			(#10-32 x 3/8")	26			Pump, Fuel - Electric
14	850-0030	1	Washer, Lock - Spring (#10)		149-1830	1	12 VDC
15	415-0326	ī	Cover, Relay		149-1831	1	24 VDC
16	812-0061	2	Screw, Machine - Round Head				

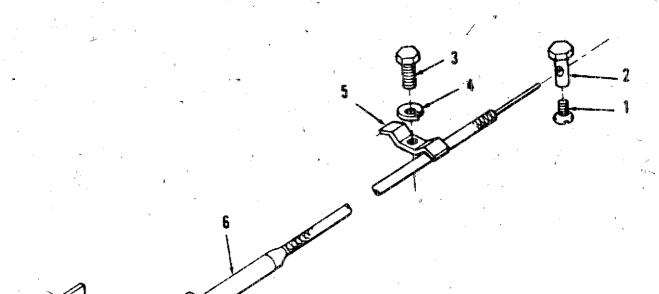




Fuel Tank

1/2"	the second of the second				-	4	
REF	PART NO.	USED	PARTS DESCRIPTION .	REF	PART NO.	QTY USED	PART DESCRIPTION
€ . 1	503-0685	1	Clamp, Hose	9	505,-0057	. 1	Plug, Pipe - Square Head
2			Line, Fuel - Flexible				(1/8 NPT)
5	501-0104.	1	48*L6	10	505 - 01 30	2	Plug, Pipg - Square Head
	501 -0205	1	72*LG				(3/4 NPT)
- 4			Line, Fuel - Flexible	11	3 09 -0326	. 2	Switch, fuel Level
~	501 -0004	1	12*LG	12	504~0005	1	Cock, Drain (1/8 NPT)
	501-0007	7	24*LG		159-051 2	1	Cap and Indicator, Fuel
	501-0009	-1	36*LG	- H-			(Includes Gasket)
L.	501-0027	î	48-L6	14.	159-0751	1	Gasket, Fuel Tank Neck
	501-0016	î	52*LG	.15	812-0158	2	Screw, Machine - Round Head
	501-0094	1	60"L6				(1/4-20 x 2")
	501-0017	1	64"LG	" 1 6	850-0040	- 2	Washer, Lock - Spring (1/4")
,	501-0247	1	69"LG	17		-	Tank, Fuel - 20 GAL (Excludes Cap)
4	504-0012	3	Valve, Shutoff - W/Screen /		159-0490	1	Two Fuel Ports
	2100+b0C	I	(1/8 NPT)		159-1025	ī	Three Fuel Ports
i.	EGA 0303	1	Valve, Shutoff (1/8 NPT)		159-1103	Î	Three Fuel Ports & Two
2	504-0007	1.			137-1103	•	Switch Ports
b	502-0017	1	Connector, Line	10	821-0010	8	Screw, Self-locking - Hex
1.	502-0046.	ı	Nipple, Pipe - Close, Brass	10	0.1-0010	Q.	Washer Head (1/4-20 x 1/2")
utt		2	(1/8 NPT x 3/4"LG)	10	159-0489	. 1	Strap Assembly
8	504-0004	2	. Valve, Shutoff - 3 Way (1/8 NPT)	1.3	エフラーひりひき		area eage received and a

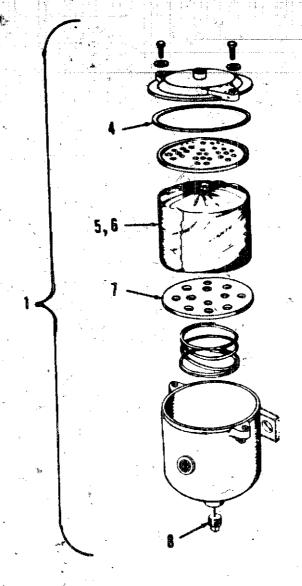


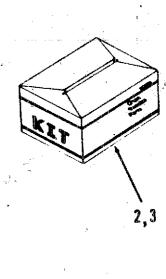


REF	PART NO.	QTY USED	PART DESCRIPTION
1	812-0075	1	Screw, Machine - Round Head (#8-32 x 1/2")
2	152-0158	1	Swivel
3	800-0005	3	Screw, Cap - Hex Head (1/4-20 x 3/4")
4	850-0040	3	Washer, Lock - Spring (1/4")
	152-0036	1	Clamp, Holddown - Cable
6	152-0120	1	Throttle, Control - Vernier
7	151-0230	1	Bracket, Mounting



Filter - Coolant

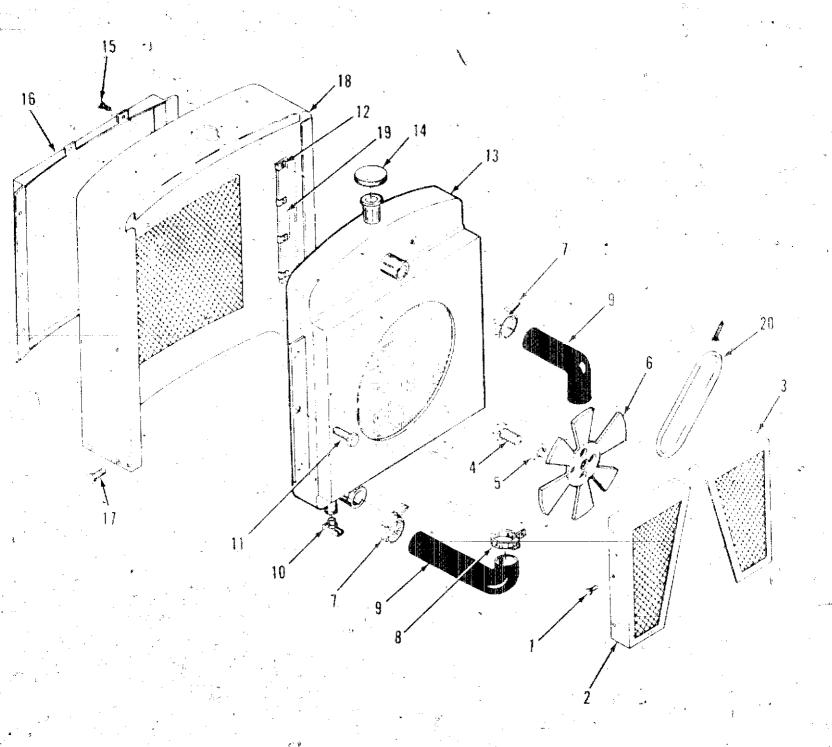




REF	PART	OTY	PART
NO.	NO.	USED	DESCRIPTION
1	130-0497	1	Filter, Coolant (Includes Parts marked 0)
2	130-0771	1 .	Kit, Element - Water (Includes Parts Marked *)
3	130-0772	. 1	Kit, Element - Anti-freeze (Includes Parts Marked #)
4	130-0778	h ##(Gasket, Cover
	130-0775	1 *(Element, Filter (Water)
	130-0776	1 4	FElement, Filter (Anti-Freeze)
	130-0780	1 *#(Plate, Sacrifical
8	502-0155	1 (Plug, Pipe - Brass (3/8 NPT)

- Parts included in Coolant Filter.
 Parts included in Element (Water) Kit.
 Parts included in Element (Anti-freeze) Kit.







Cooling System Radiator

REF NO.		QTY USED	PART DESCRIPTION	REF NO.	PART NO.	OTY USED	PART DESCRIPTION
. 1	815-0181	8.	Screw, Cap - Hex Head, 'Thread Cutting, with	11	821-0014	.12	Screw, Self-locking - Hex Washer Head (5/16-18 x 1/2")
	•	4	ET Lockwasher (#10-32 x 1/2")	12	870-0114	12	Nut, Retainer (5/16-18)
j j	130-0352	. 1	Guard, Fan - Right Side	13	130-0/113	1	Radiator (Includes Cap) '
3	130-0351	ì	Guard, Fan - Left Side	14	130-0449	1	Cap, Radiator
4	801~0024	4	Screw, Cap - Hex Head (5/16-24 x 1/2")	15	815-0181	10 ™	Screw, Cap - Hex Head, Thread Cutting, with ET Lockwasher (#10-32 x 1/2")
5	850-0045	. 4.	Washer, Lock - Spring (5/16")	16	405~1054	7	Flange, Air Duct
6	130-0605		Fan	17	821-0014	.8	Screw, Self-locking - Hex
8	503-0311 503-0365	1	Clamp, Hose Clamp, Hose	*,	02.1-0014		Washer Head (5/16-18 x 1/2)
9	J		Hose, Rubber - Preformed	18	504-1811	1	Panel, Housing - Front
	503-0441	1	Lower	19	130-2217	2	Bracket, Mounting - Radiator
	503-0441	î	Upper	50	514-0075	1	Belt, Drive
10	504-0028	· ī	Cock, Drain (3/8 NPT)			ij	



Cooling System City Water & Wet Manifold (Non - Regulated) 33-

Cooling System City Water & Wet Manifold (Non-Regulated)

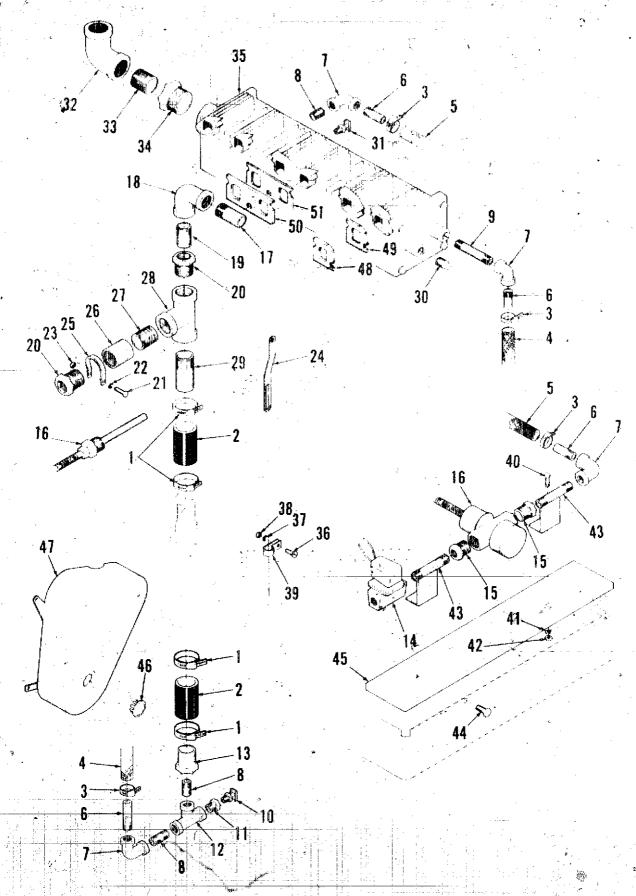
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REF MO.	PART NO.	QTY USED	PART DESCRIPTION	, 4	REF NO.	PART NO.	USED	PART UESCRIPTION	en g
1	503-0311*/	4	Clamp, Hose			110-1543	1	Adapter	
Ž	503-0884	1	Hose, Rubber	• :	23	504-0019	1	Valve, Globe (1/2 MPT)	2.0
3	503-0183	. 2	Clamp, Hose		24	307-0833	1	Valve, Solenoid - 12 VOC	
4	503-0285	1	Hose, Rubber					(1/2 NPT)	
5	505-0302	2	Nipple, Pipe - Half (1/4 NPT x 1-1/2"LG)		25	505-0056	1	Plug, Pipe - Square Head (1/2 MPT)	
	505-0018	2	Bushing, Reducer - Jex		26	504 - 0005	1	Cock, Brain (1/8 MPT)	
ο ,			(1/2 NPT x 1/4 NPT)	i	21	505-0175	1	Elbow, Pipe - 90 DEG (2 MPT)	
, <i>T</i>	503-0189	4	Clamp, Hose		29	505-0172	1	Nipple, Pipe - Close	
.8	503-0568	1	Hose, Rubber		20	JUJ~OLIE	•	(2 MPT x 2"t.G) .	
-9	503-0200	1	Hose, Rubber		29	505-0207	1	Bushing, Reducer	
10	505-0185	. 4	Nipple, Pipe - Half (1/2 MPT x 1-1/2"LG)			303-11201	•	(2-1/2 NPT x 2 NPT)	
· 11	505-0040	3	Elbow, Pipe - 90 DEG (1/2 NPT)		30	154-0889	1	. Manifold, Liquid Cooled	
12	505-0100	4	Nipple, Pipe - Close (1/2 NPT x 1+1/8*LG)		31	800-0007	2	(Includes End Plates & Ga Screw, Cap - Hex Head (1/4-20 x 1™)	iskeusi
13	504-0028	l	Cock, Orain (3/8 NPT)		30	OCO ANAO	2	Washer, Lock - Spring	
14	505-0019	1	Bushing, Reducer - Hex (1/2 NPT x 3/8 NPT)		- 32	850-0040		(1/4")	
15	505-0108	1	Tee, Pipe (1/2 NPT		33	862-0001	2	Nut, Hex (1/4-20)	
16	110-0576	ī	Adapter		34	110-0526	i	Bracket and Nipple Assembly	¥
	505-0038	ì	Elbow, Pipe - 90 DEG (1/4 NPT)		35	821-0014	. 6	Screw, Self-locking - Hex Washer Head (5/16-18 x 5)	/8 ⁿ)
	- cac -naaa	1 .	Nipple; Pipe - Close		36	130-0499	1	Plate, Mounting	*
19	505-0099	1	(1/4 MPT x 7/8"LG)	Ť	37	517-00 09	† 1	Plug, Button 📜 🥋 👑	
1.0	ENE MOSO	1	Bushing, Reducer - Hex		38	130-0785	1	Guard, Belt	
19	505-0020	L	(3/4 MPT x 1/4 MPT)		39	154-2421	4	Shim	
	70C 01CC		Tee, Pipe (3/4 NPT)		40	154-2423	4	Gasket	
20	505-0166	1 2	Nipple, Pipe - Close	:	41	154-2422	1	Shim	
21	505-0102	2	(3/4 NPT x 1-3/8"LG)		42	154-2424	1	Gasket	



Cooling System

City Water & Wet Manifold

(Regulated)





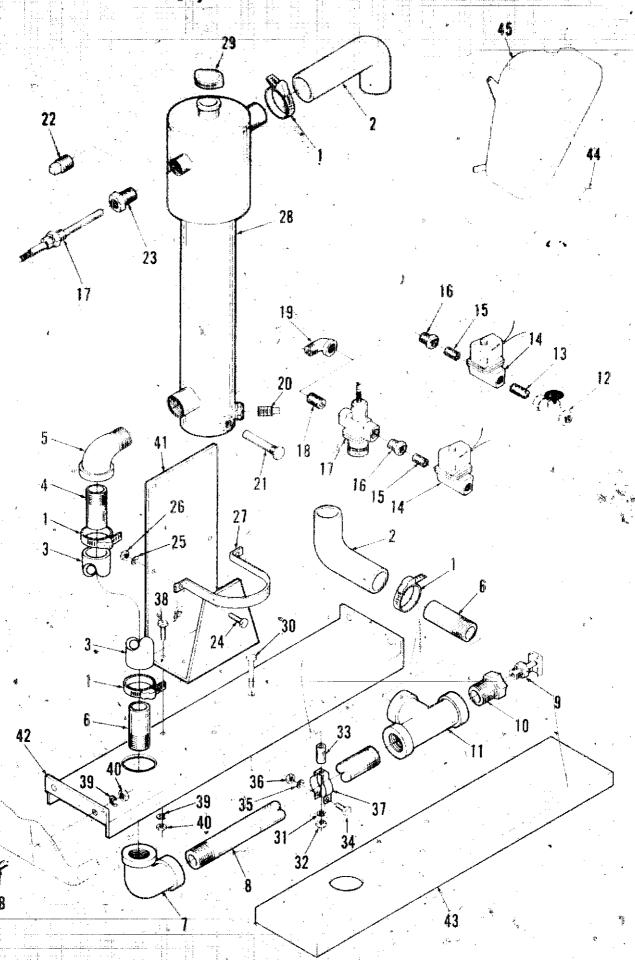
Cooling System City Water & Wet Manifold (Regulated)

		4					
REF	PART	QTY	PART	REF	PART	QTY	PART
NO.		USED	DESCRIPTION	NO.	NO .	USED	DESCRIPTION
	503-0311		Clamp, Hose	- 25	130-0522	1	Clamp, Loop
ż	503-0826	1	Hose, Rubber	26	505-0032	ī	Coupling, Pipe (1-1/2 MPT)
3	503-0189		Clamp, Hose	27	505-0542	Ī	Nipple, Pipe
4	503-0568	- 1	Hose, Rubber		000 00 12		(1-1/2 MPT x 4"LG)
5	503-0200	1	Hose, Rubber	28	505-0317	1	Tee: Pipe (1-1/2 MPT)
6	505-0185	Å	Nipple, Pipe - Half	29	505-0385	. Ī	Nipple, Pipe - Half
	200-0100	7	(1/2 MPT x 1-1/2"LG)	•		-,	(1-1/2 MPT x 2"L6)
7	505-0040	4	Elbow, Pipe - 90 DEG	30	505-00 56	1	Plug, Pipe - Square Head
•	Acto in the Act	~	(1/2 NPT)		term or , as series	7 1	(1/2 MPT)
8	505-0100 _u	7	Nipple, Pipe - Close	31	504-0005	i	- Carl Maria / 170 MOTS
	303 0101		(1/2 MPT x 1-1/8"L6)	32	505-0175	1	Elbaw, Pipe - 90 DEG
9	505-0176	1	Nipple, Pipe			e pm	(2 NPT)
,	303 01.0	-	(I/2 NPT x 3-1/2*LG)	33	505-0172	44 1	Nipple, Pipe - Close
- 10	504-0028	. 1	Cock, Drain (3/8 MPT)			1	(2 MPT x 2"L6)
îĭ	505-0019	ī	Bushing, Reducer - Hex	34	505-0207	· 1	Bushing, Reducer
~ -	3,3,002,		(1/2 NPT x 3/8 NPT)				(2-1/2 MPT x 2 MPT)
12	505-0108	1	Tee, Pipe (1/2 MPT	- 35	154-0889	1	Manifold, Liquid Cooled
13	110-0576	ī	Adapter	··· -	7.	• • •	(Includes End Plates & Gaskets
14	307-0833	· [-	Valve, Solenoid - 12 VDC	36	812-0079	1	Screw, Machine - Round Head
- '.	30. 3333	-	(1/2 NPT)			*	(#8-32 x 1/2")
15	505-0021	2	Bushing, Reducer - Hex	37	850~0025	1	Washer, Lock - Spring (#8)
		•	(3/4 MPT x 1/1 MPT)	38	860-0008	. 1	Nut, Hex (#8-32)
16	309-0241	1	Malve, Control - Temperature	39	322-0050	1.	Clamp, Loop
	9	•	Regulating	40	800-0027	4	Screw, Cap - Hex Head
1.7	- 505-0324	1	Nipple, Pipe - Half		4-		(5/16-18 x 7/8")
- r		_	(3/4 MPT x 2"L6)	41	850-0045	. 4 ^{**}	Washer, Lock - Spring (5/16")
18	505-0132	-1	Elbow, Pipe - 90 DEG	42	862-0015	4	Nut, Hex (5/16-18)
			(3/4 NPT)	43	110-0526	1 .	Bracket and Nipple Assembly
19	505-0102	1	Nipple, Pipe - Close	44	821-0014	6	Screw, Self-locking - Hex
7.7	,		(3/4 NPT x 1-3/8"LG)			2	Washer Head $(5/16-18 \times 5/8^{\circ})$
20	505-0289	2	Bushing, Reducer - Hex	45	130-0499	_ 1	Plate, Mounting
			$(1-1/2 \text{ NPT } \times 3/4 \text{ NPT})$	46	517-0009	7 1	Plug, Button
21	800-0005	1.	Screw, Cap - Hex Head	4,7	130-0785	1	Guard, Bèlt
·= 	-		$(1/4-20 \times 3/4^{\circ})$	4 8	154-2421	4	Shim
22	850-0040	1	Washer, Lock - Spring (1/4")	49	154-2423	. 4	Gasket .
23	862-0001	-1	Nut, Hex (1/4-20)	50	154-2422	1	Shim
24	191-0101	ĺ	Strap, Adjusting - Alternator	51	154-2424	1	Gasket
			and the second of the second o			* * .	



Cooling System

City Water & Heat Exchanger



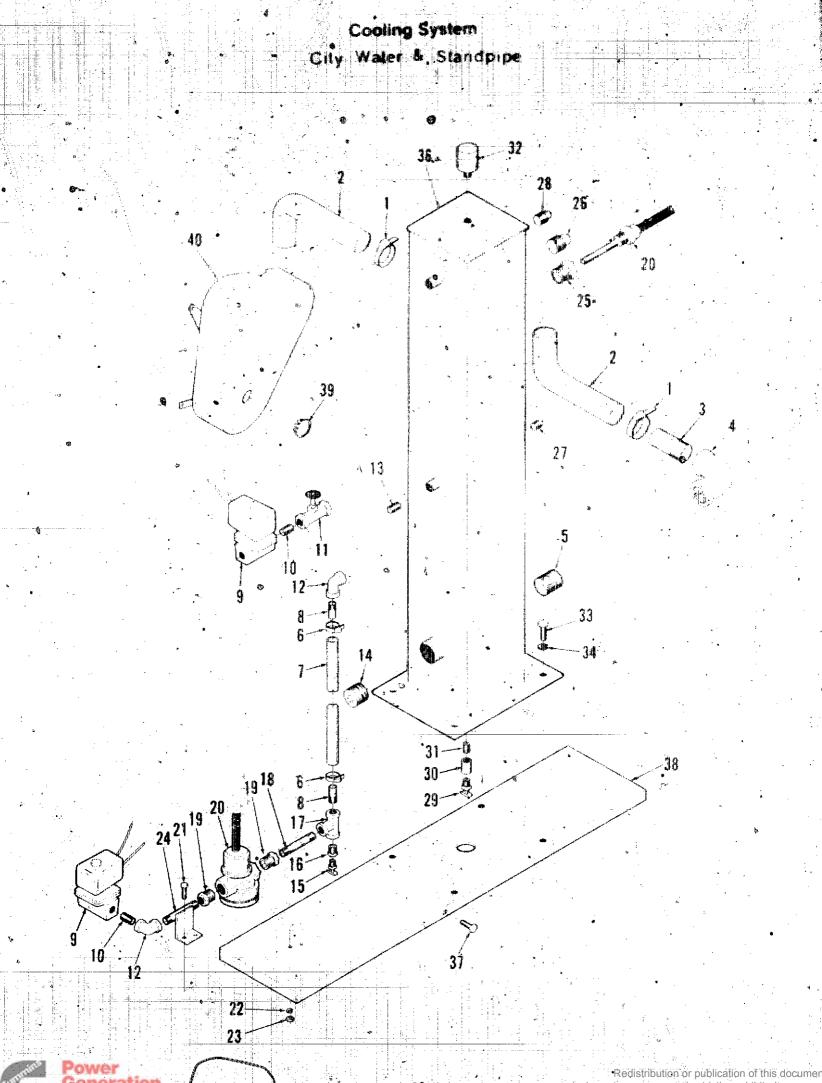


Cooling System

City Water & Heat Exchange

		PART NO.	QTY USED	PART DESCRIPTION		PART NO.	OTY USED	PART DESCRIPTION
ig.	1	503-0311	6	Clamp, Hose	20	505-0130	1	Plug, Pipe - Square Head (3/4 NPT)
	.2	503-0441	2	Hose, Rubber - Preformed	/	120 1240	7	Pencil, Zinc
	3	503-0827	1	Hose, Rubber		130-1340	7	Plug, Pipe - Square Head
	4	505-0444	. 1	Mipple, Pipe - Half (1-1/2 MPT x 2-1/4*L6)	22	505-0140	ä.	(Î NPT)
	5	505-046 2	1	Elbow, Pipe - Street, 90 DEG (1-1/2 MPT)	23	*	1	Bushing, Reducer - Hex (1 MPT x 3/4 MPT)
	6	505-0628	1	Nipple, Pipe - Half (1-1/2 NPT x 3*L6)	24	800-0004	· · · · · • 4	Screw, Cap - Hex Head (1/4-20 x 5/8")
	-	ror onan	•	Elbow, Pipe - 90 0E6	. 25	850-0040	4	Washer, lock - Spring (1/4*)
	/	505-0043	1	(1-1/2 MPT)	26		1	Nut, Hex (1/4-20)
	О	COE DADA	1	Nipple, Pipe		130-0802	2 -	Strap, Retaining
	8	505-0424	1	(1-1/2 NPT x 16-1/27LG)	28	130-0796	; 1	Exchanger, Heat (Includes Cap)
•		504-0003	1	Cock, Drain (1/4 NPT)		130-0661	` . I	Cap, Radiator
	10	505-0426	. 1	Bushing, Reducer - Hex	30	800-0012	1	Screw, Cap - Hex Head
. خند .	117	503-0420		- (I-1/2 MPT x 1/4/MPT)				$(1/4-20 \times 2-1/4")$
	1.1	505-0317	1	Tee, Pipe (1-1/2 NPT)	31	850-0040	1	Washer, Lock - Spring (1/4")
		504-0019	1	Valve, Globe (1/2/NPT)	32	862-0001	: 1	Nut, Hex (1/4-20)
		505-0100	1	Nipple, Pipe - Close	33	232-1197	1	Spacer, Sleeve
				(1/2 NPT x 1-1/8"LG)	34	800-0004	1	Screw, Cap - Hex Head (1/4-20 x 5/8")
	14	307-0833	1	Valve, Solenoid - 12 VDC	35	850-0040	-1	Washer, Lock - Spring (1/4")
			,	(1/2 NPT)	36	862-0001	i	Nut, Hex (1/4-20)
	15	505-0100	1	Wipple, Pipe / Close	37	331-0142	4 1	Hänger, Pipe
				(1/2 MPT x/1-1/8*LG)	38	800-0026	49	Screw, Cap - Hex Head
	16	505-0021	l.	Bushing, Reducer - Hex (3/4 NPT x 1/2 NPT)		000 0020		(5/16-18 x 3/4")
		*** ***	,	Valve, Control - Temperature	39	850-0045	9	Washer, Lock - Spring (5/16")
	17	309-0241	1		40		9	Nut, Hex (5/16-18)
				Regulati⁄ng Nipple, P∫pe - Close - √	41	130-0819	. 1	Bracket, Mounting
	18	505-0102	1.	(3/4 NP/T x 1-3/8*LG)	42	130-0828	1	Plate, Mounting (Housed Set)
,	1.0	505 OCO1	٦	Elbow, Pipe - Street, 45 DEG	43	130-0805	1 -	Plate, Mounting (Unhoused Set)
	19	505-0691	. 1	(3/4 NPT)	44	517-0009	1	Plug, Button
		٠		Para late ()	45	130-0785	1	Guard, Belt
			*					







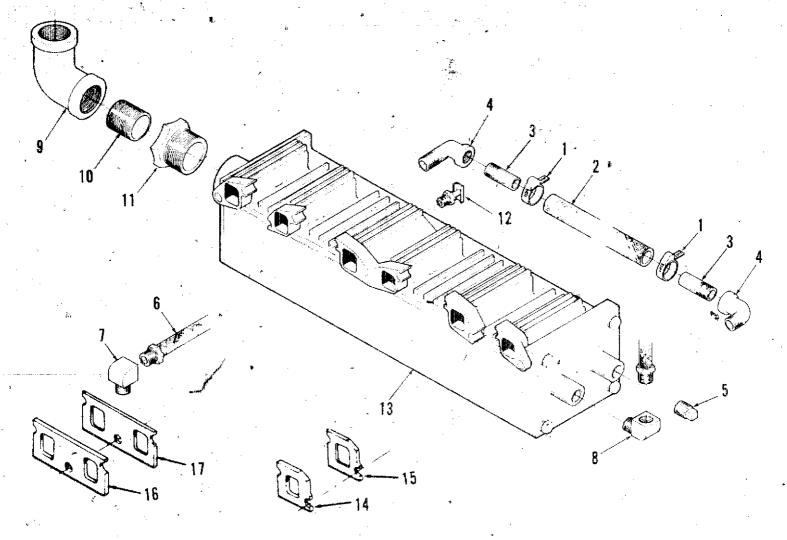
Cooling System

City Water & Standpipe

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0365	4	Clamp, Hose	20	309-0241	1	Valve, Control - Temperature
2	503-0441	2	Hose, Rubber - Preformed			_	Regulating
3	505-0474	1	Nipple, Pipe - Half (1-1/2 NPT x 5"LG)	21	800-0027	2	Screw, Cap - Hex Head (5/16-18 x 7/8")
4	505-0183	1	Elbow, Pipe - 90 DEG, Reducing	22	850-0045	2	Washer, Lock - Spring (5/16")
			(1-1/2 NPT x 1/1/4 NPT)	23	862-0015	2	Nut, Hex (5/16-18)
5	505-0258	1	Nipple, Pipe (1-1/4 NPT x 3"LG)	24	110-0526	1	Bracket and Nipple Assembly
6	503-0189	2	Clamp, Hose	25	505-0129	1	Bushing, Reducer - Hex
7	503-0437	1	Hose, Rubber				(1 NPT x 3/4 NPT)
8	505-0185	2	Nipple, Pipe - Half (1/2 NPT x 1-1/2"LG)	26	505-0140	1	Plug, Pipe - Square Head (1 NPT)
9	307-0833	1	Valve, Solenoid - 12 VDC (1/2 NPT)	27	505-0056	1	Plug, Pipe - Square Head (1/2 NPT)
10	505-0100	1	Nipple, Pipe - Close (1/2 NPT x 1-1/8"LG)	28	505-0130	2	Plug, Pipe - Square Head (3/4 NPT)
11	504-0019	1	Valve, Globe (1/2 NPT)	29	504-0028	1	Cock, Drain (3/8 NPT)
12	505-0040	2	Elbow, Pipe - 90 DEG (1/2 NPT)	30	505-0028	1	Coupling, Pipe (3/8 NPT)
13	505-0100	ī	Nipple, Pipe - Close (1/2 NPT x 1-1/8"LG)	31	505-0101	1	Nipple, Pipe - Close (3/8 NPT x 1"LG)
14	505-0949	1	Plug, Pipe - Socket Head	32	504-0062	1	Valve, Relief - Vacumn
			(1-1/4 NPT)	33	800-0048	4	Screw, Cap - Hex Head
15	504-0028	1	Cock, Drain (3/8 NPT)				(3/8-16 x 3/4")
16	505-0019	ī	Bushing, Reducer - Hex	34	850-0050	4	Washer, Lock - Spring (3/8")
			(1/2 NPT x 3/8 NPT)	36	130-0659	1	Standpipe
17	505-0108	1	Tee, Pipe (1/2 NPT)	37	821-0018	6	Screw, Self-locking - Hex
18	505-0002	1	Nipple, Pipe (1/2 NPT x 3"LG)				Washer Head (1/4-20 x 5/8")
19	505-0021	ĩ	Bushing, Reducer - Hex	38	130-0860	1	Plate, Mounting
		_	(3/4 NPT x 1/2 NPT)	39	517-0009	1	Plug, Button
			(a) a a a a a a a a a a a a a a a a a a	40	130-0785	1	Guard, Belt

Manifold

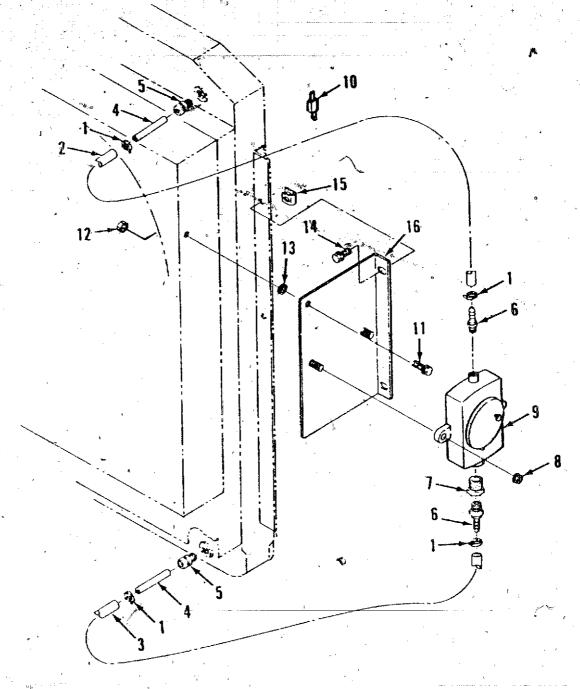
Liquid Cooled



REF NO.	PART NO.	QTY PART USED DESCRIPTION		REF NO.	PART NO.	QTY USED	PART DESCRIPTION	
1	503-0183	2 Clamp, Hose		10	505-0172	1	Nipple, Pipe - Close (2 NPT x 2"LG)	
2	503-1168	1 Hose, Rubber	-					
. 3	505-0135	2 Nipple, Pipe - Half (3/8 NPT x 1-1/2"LG)		-11	505 - 0207	1	Bushing, Reducer - Hex (2-1/2 NPT x 2 NPT)	
4	505-0120	2 Elbow, Pipe - Street, 90 DEG		12	504-0005	1	Cock, Drain (1/8 NPT)	
. 4	202-0150	(3/8 NPT)		13	154-0889	1	Manifold, Liquid Cooled	kate l
5	505-0056	1 Plug, Pipe - Square Head					(Includes End Plates & Gas	Kerzi
-		(1/2 NPT)		14	154-2421	4	Shim .	<i>y</i>
E	130-0674	1 Line, Flexible		15	154-2423	4	Gasket	
0		1 Elbow, Pipe to Tube - 90 DEG		16	154-2422	1	Shim	
_ I -	502-0073	1 Eligow, Pipe to robe " 30 bito		17	154-2424	ī	Gasket	
	502-0074	1 Elbow, Pipe to Tube - 90 DEG		1.7	104-2424	1	Udante	
9	- 505-0175	1 Elbow, Pipe - 90 DEG (2 NPT)		•	4910	Ą	* *	

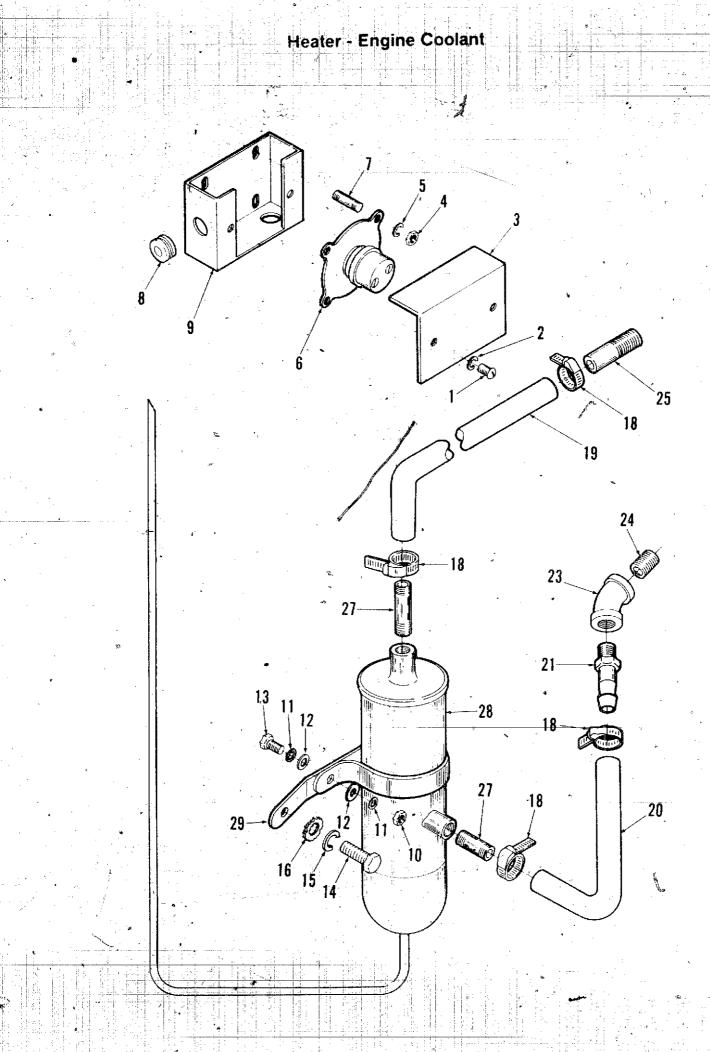


Switch - Low Coolant Level



ts)	v i g		REF NO.	PART NO.	, a ⁱ	QTY USED		PART DESCRIPTION		REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1 .			1	503-0635		4	Clamp,	Hose		10	357-0030	2	Diode
		,	- 2	503-0707		. 1	Hose			11	821-0015	1	Screw, Self-locking - Hex
1	y	•	· 3	503-0743		1	Hose	, i		".			Washer Head (1/4-20 x 3/4")
- 1-	* .		4	130-2053		2		1/4"00 x 2"LG)		12 -	870-0212	1 1	Nut, Self-locking - Hex
Í			5	502-0809		2		r, Tube (Blind	* * * * * * * * * * * * * * * * * * * *	•		• •	Washer Head (1/4-20)
			2					Fitting)		13	526-0018	2	Washer, Flat (17/64"10 x
	· 1			502-0801		2		r, Pipe to Hose					5/8"0D x 1/16"THK)
			7	505-0802		1		g, Reducer - Hex	i, .	. 14	821-0014	2	Screw, Self-locking - Hex
		1		Frair N				NPT x 1/4 NPT)					Washer Head (5/16-18 x 1/2"
.6			្នាំ8	870-0212		2		elf-locking - He		7.7	870-0113		Nut, Retainer (5/16-18)
	alle :			4 4				er Head (1/4-20)		16	405-2969	$\cdot = \frac{1}{n} \frac{1}{2} \mathbf{J}_{n} + \cdot \cdot$	Plate, Mounting
	H. L.		9	193-0329		1	Switch.	, Coolant Level			4 4	For the last	그번 높이 작성하고 그리다는 네트



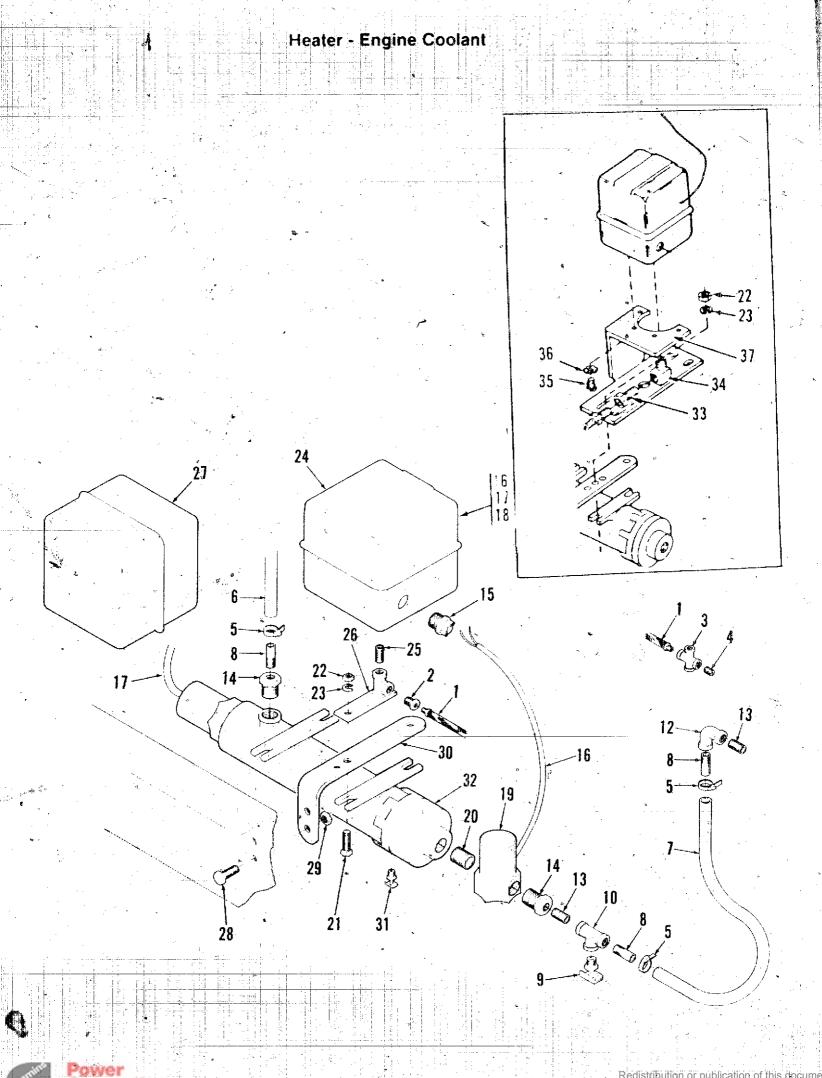




Heater - Engine Coolant

REF NO.	PARŤ NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	812-0076	2 .	Screw, Machine - Round Head (#8-32 x 5/16")		800-0031	. 1	Screw, Cap - Hex Head (5/16-18 x 1-1/2")
2	850-0025	2 .		14	800-0095	1 4	Screw, Cap - Hex Head (1/2-13 x 2-1/4")
3	222 0012	1 *	120 Volt Application	15	850-0060	1	Washer, Lock - Spring (1/2")
	333-0013	1	240 Volt Application	16	856-0013	1	Masher, Tock - EIT (1/2*)
	333-0056 870-0053	. 2	Nut, Hex (#10-32)	18	503-0183	. 4	Clamp, Hose
- 4	850-0030	2	Washer, Lock - Spring (#10)	19	503-0833	1	Hose, Rubber
2	,, •••••••••••••••••••••••••••••••••••	L	Switch, Thermostatic	20	503-0832	ĺ	Hose, Rubber
0	309-0106	1	120 Volt, 25 AMP, SPST	21	502-0613	1	Adapter, Pipe to Hose
	309-0256	1	120/240 Volt, 25-40AMP, DPST	23	505-0112	· 1	Elbow, Pipe - 45 DEG (1/4 NPT)
7	303-0230	•	Stud (#10-32)	24	505-0071	1	Nipple, Pipe (1/4 NPT x 2"LG)
•	520-0446	2	3/4"LG	25	505-0135	1	Nipple, Pipe - Half
	520-0672	2	1*LG			_	(3/8 NPT x 1-1/2*LG)
8	508-0008	. 2	Grommet	27	505-0135	2	Nipple, Pipe - Half
9			Вох	**			(3/8 NPT x 1-1/2"LG)
	333-0012	' 1	120 Volt Application	28	0050	, g	Heater, Coolant
	333-0057	1	240° Volt Application		333-0052	1	1500 Watt, 120 VAC
10	862-0015	1	Nut, Hex (5/16-18)		333-0053	1	2000 Watt, 120 VAC 2000 Watt, 208/240 VAC
11	856-0008	. 2	Washer, lock - Spring (5/16")		, 333-0073	i,	Strap (Included with Heater)
12	526-0115	2	Washer, Flat (5/16")	29		1	2 crab (tucinged with negree)



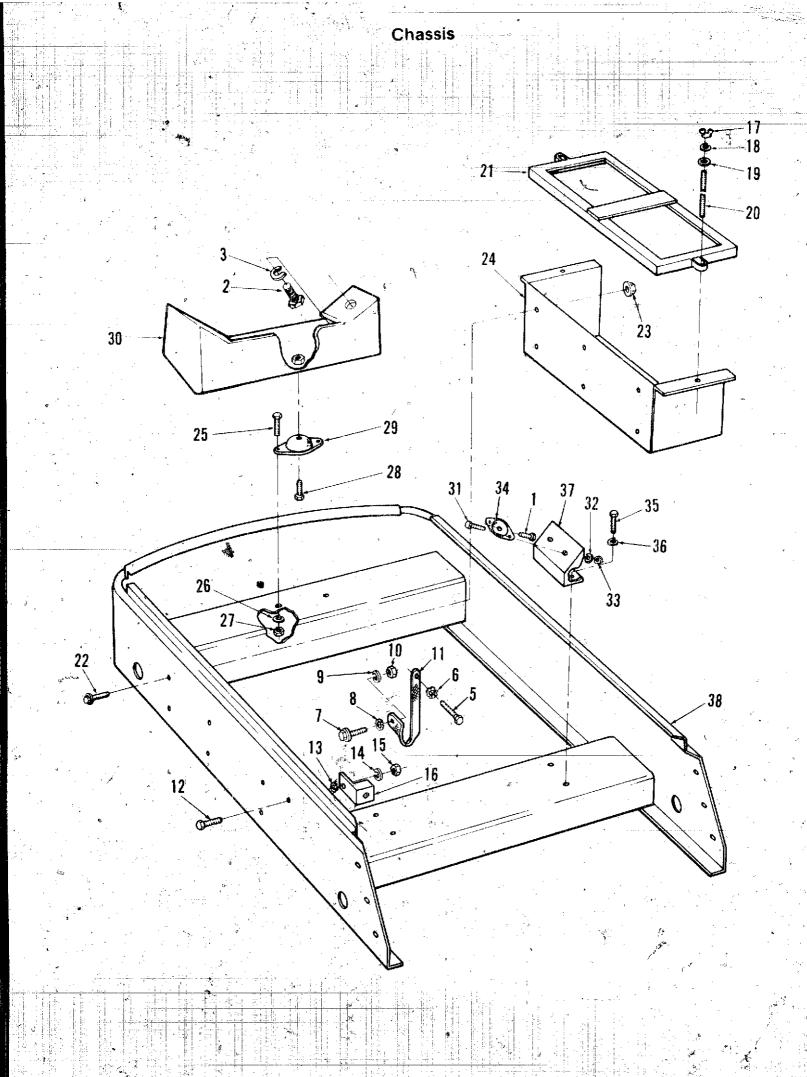




Heater - Engine Coolant

RE		PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
. 1		501-0225	1	Line, Fuel - Flexible	26	333-0142	1	Support with Tee
		505-0007	ī	Bushing, Reducer - Hex		* _ ·		- 1970 thru 1982
	- ,			(1/4 NPT x 1/8 NP,T)	27			Contactor, Electrical
	3	505-0763	` 1*	Cross, Pipe (1/8 NPT)		307-1460	1-	230 VAC, 3 Pole
		505-0098	. 1	Nipple, Pipe - Close		307-1164	1	460 VAC, 3 Pole
	٠.			(1/8 NPT x 3/4"LG)	. 28	821-0018	4	Screw, Self-locking - Hex
	5	505-0183	4	Clamp, Hose	5			Washer Head (5/16-18 x 3/4")
		503-0146	1	Hose, Rubber	29	870-0257	4	Nut, Self-locking - Hex
	_	503-0712	1 -	Hose, Rubber	•			Washer Head (5/16-18)
•		505-0135	4	Nipple, Pipe - Half	30	130-1192	2	Bracket, Mounting - Heater
				(3/8 NPT x 1-1/2"LG)	31	504-0003	1	Cock, Drain (1/4 NPT)
	9	504-0028	1	Cock, Drain (3/8 NPT)	32			Heater, Electrical
10		505-0060	1	Tee, Pipe (3/8 NPT)		333-0158	· 1	2000 Watt, 115 VAC, 1 Phase
1	2.	505-0038	1	Elbow, Pipe - 90 DEG		333-0167	1	2000 Watt, 208 VAC, 1 Phase
		· · · · · · · · · · · · · · · · · · ·		(3/8 NPT)		333-0148	1	2000 Watt, 208 VAC, 3 Phase
1 1	3	505-0101	2	Nipple, Pipe - Close		333-0141	1.	2000 Watt, 240 VAC, 1 Phase
				(3/8 MPT x 1"LG)		333-0176	- <u>1</u>	2000 Watt, 380 VAC, 1 Phase
1	4	505-0455	2	Bushing, Reducer - Hex		333-0170	1	2000 Watt, 380 VAC, 3 Phase
				(1 NPT x 3/8 NPT)		333-0147	1	2000 Watt, 480 VAC, 1 Phase
1	5	331-0027	6	Clamp, Cable		333-0146	1	2000 Watt, 480 VAC, 3 Phase
1	6	332-0014	2	Terminal, Ring (#10)	33	505-0007	1	Bushing Reducer - Hex
1	7	332-0149	4	Terminal, Ring (#8)				(1/4 NPT x 1/8 NPT)
1	8	323-0957	5	[^] Wire Nut			• .	Begin 1983
1	9	309-0304	1	Switch, Thermostatic °	34	502-0054	1	Elbow, Pipe - Street, 90 DEG
2	0	505-0004	1	Nipple, Pipe - Close				Brass (1/4 NPT)
			•	(1 NPT x 1-1/4*LG)		,	, ,	Begin 1983
2	1	800-0007	4	Screw, Cap - Hex Head (1/4-20 x 1")	35,	812-0079	q	Screw, Machine - Round Head (#8-32 x 1/2")
2	2.	862-0001	4	Nut, Hex (1/4-20)				Begin 1983
	3	850-0040	4	Washer, Lock - Spring (1/4")	36	854-0007	4	Washer, Lock ET (#8)
_	4		1	Switch, Pressure				Begin 1983
_	5	505-0099	î	Nipple, Pipe - Close	37	333-0224	ľ	Bracket, Support
٤.		303-0077	•	(1/4 NPT x 7/8"LG)		•		Begin 1983
				1970 thru 1982				



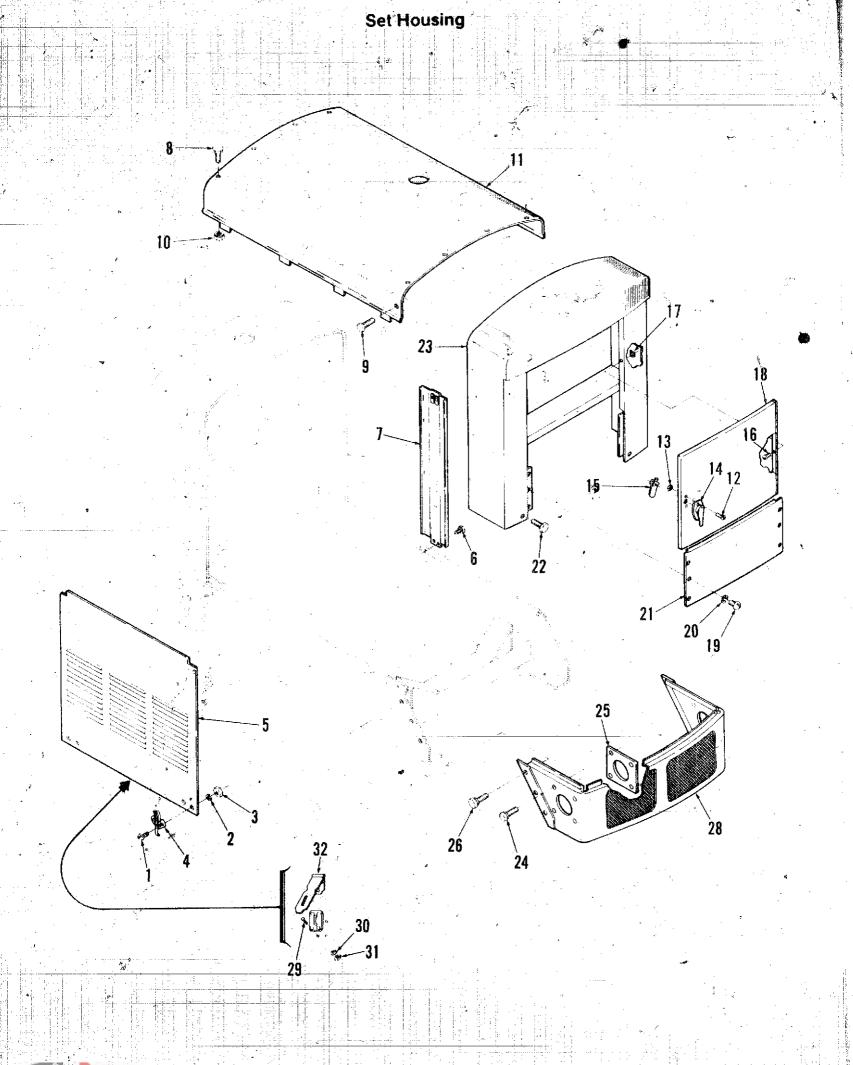




Chassis

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0520	2	Screw, Cap - Hex Head (3/4-10 x 1")	22	821-0029	6	Screw, Self-locking - Hex ' Washer Head (3/8-16 x 3/4")
2	800-0050	. 2	Screw, Cap - Hex Head (3/8-16 x 1"))	23	870-0281	6	Nut, Self-locking - Hex Washer Head (3/8-16)
3	850-0050	1	Washer, Lock - Spring (3/8")	24	416-0666	1	Tray, Battery
5	800-0069	1	"Screw, Cap - Hex Head (7/16-14 x 3/4")	25	800-0090	2	Screw, Cap - Hex Head (1/2-13 x 1"LG)
	856-0012	1	Washer, Lock - EIT (7/16")	26	850-0060	2	Washer, Lock - Spring (1/2")
7	800-0091	· 1	Screw, Cap - Hex Head	27	856-0013	1	Washer, Lock - EIT (1/2")
,			(1/2-13 x; 1-1/4"LG) =	28	800-0520	1	Screw, Cap - Hex Head (3/4-10 x 1")
8	856-0013	1	Washer, Lock - EIT (1/2")	29	402-0371	2	Mount, Vibration - Engine
9	850-0060	1	Washer, Lock - Spring (1/2")	30	402-0371	1	Support, Mounting - Engine
10	862-0016	1	Nut, Hex (1/2-13)		800-0071	1	Screw, Cap - Hex Head
11	337-0090	1 4	Strap, Electrical - Ground	31	900-"QÛ\ T		(7/16-14 x 1")
12	800-0028	1	Screw, Cap - Hex Head	22	850-0055	A	Washer, Lock - Spring (7/16")
	9		(5/16-18 x 1")	32		7	Nut, Hex (7/16-14)
13	856-0008	1	Washer, Lock - EIT (5/16")	33	862-0004	4	Mount, Vibration - Generator
14	850-0045	¹ 1	Washer, Lock - Spring (5/16")	34	402-0371		Screw, Cap - Hex Head
15	862-0015	1	Nut, Hex (5/16-18)	35	800-0091	4	$(1/2-13 \times 1-1/4^{\circ}LG)$
16	332-1473	. 1	Lug, Solderless	20	450 0050		Washer, Lock - Spring (1/2")
17	865-0007	2	Nut, Wing (5/16-18)	36	450-0060	4	Bracket, Mounting - Generator
18	850-0045	2	Washer, Lock - Spring (5/16")	37	232-2106	2	
19	526-0115	. 2	Washer, Flat (11/32"ID x 11/16"OD x 1/16"THK)	38	403-0909	1	Chassis
20	520-0663	2	Stud	o			
21	416-0480	ī	Frame, Holddown - Battery			-	

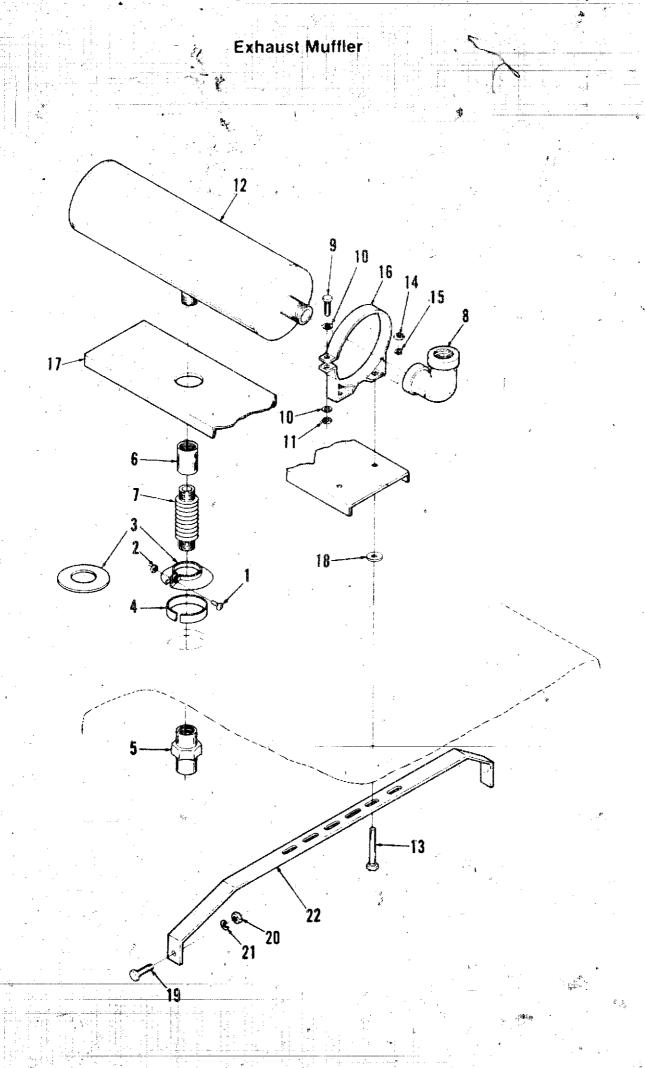




Set Housing

					1,000			
		PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY QTY	PART DESCRIPTION
	1	813-0098	16	Screw, Machine - Round Head (#10-32 x 3/8")	16	809-0059	3 .	Screw, Tapping - Round Head (1/4 x 1/2")
	2	850-0030	16	Washer, Lock - Spring (#10)	17	870-0106	3	Nut, Sheet Spring (1/4")
	3	870-0053	16	Nut, Hex (#10-32)	18	405-1777	1	Door, Access - Rear
	4	406-0105	8	Clamp, Door	19	813-0098	.6	Screw, Machine - Round Head
$- J_{\nu}$	5	405-1808	ă	Door, Access (Less Latches)				(∦10-32 x 3/8")
	6	821-0014	8	Screw, Self-locking - Hex	20	850-0030	6	Washer, lock - Spring (#10)
- 5	•	02.1 0014		Washer Head (5/16-18 x 1/2")	21	405-1780	1	Panel, Access - Rear
	. 7	405-1828	2	Support, Housing - Center	- 22	821-0014	. 8	Screw, Self-locking - Hex
		821-0014	12	Screw, Self-locking - Hex		- A		Washer Head (5/16-18 x 1/2")
a.	U	021-0014		Washer Head (5/16-18 x 1/2")	23	405-1812	_ 1	Panel, Housing - Rear
	a	821-0016	4	Screw, Self-locking - Hex	24		8.	Screw, Self-locking - Hex
	. 3	051-0010	7	Washer Head (5/16-18 x 3/4")	. -	e		Washer Head (1/4-20 x 1/2")
	10	870-0113	12	Nut, Clinch (5/16-18)	25	403-0895	2	Plate, Cover
	11	404-1827	1	Panel, Housing - Top	26	821-0029	. 6	Screw, Self-Locking - Hex Washer
	12	812-0149	2	Screw, Machine - Round Head	. 73		•	Head (3/8-16 x 3/4")
	16	017-0143	\$ C ·	(1/4-20 x 9/16")	28	403-0894	1	Chassis - Rear
	12	870-0232	2	Nut, Self-locking - Hex	29	814-0079	28	Screw, Machine - Flat Head
1	13	0/0-0232	۷	with ET Lockwasher (1/4-20)				(#8-32 x 1/2")
	1.4	406 0157	1	Handle, Latch (Includes Keys)	30	850-0025	28	Washer, Lock - Spring (#8)
		406-0157	1. 1		31	860-0008	28	Nut, Hex (#8-32)
	1 5	406-0089	Ł	Catch, Latch	32	406-0249	4	Hasp Set



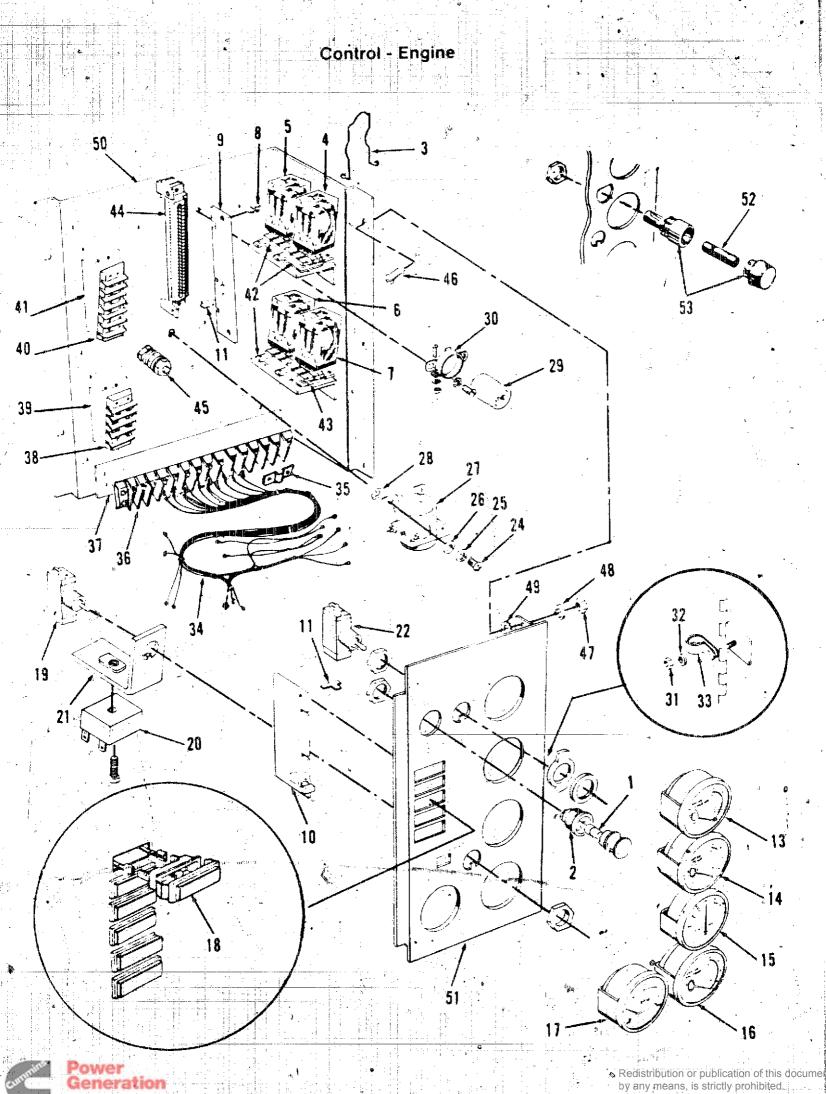




Exhaust Muffler

		0777	PART	REF	PART	QTY	PART
REF NO.	PART NO.	QTY USED		NO.	NO.	USED	DESCRIPTION
- 1	813-0105	<u> </u>	Screw, Machine - Round Head	12 13	155 -0988 800-0028	1	Muffler, Exhaust - Industrial Screw, Cap - Hex Head
2	870-0188	2	(#10-32 x 1") Nut, Self-Tocking - Hex Washer Head (#10-32)		870-0048	4	(5/16-18 x 1") Nut, Self-locking - Hex (5/16-18)
3	155-1385 895-0157	1 1	Shield, Rain Strip, Asbestos	15	850-0045 140-0649	4	Washer, Lock - Spring (5/16") Band, Mounting
5 6	505-0203 505-0454	1	Coupling, Pipe (2 NPT) Union, Pipe (2 NPT)	16 17 18	155-0978 155-1430	1	Shield, Heat Spacer
7	155-1115	1:	Tube, Exhaust - Flexible Spec D Thru H	19	800-0028	4	Screw; Cap - Hex Head (5/16-18 x 1")
8	155-1591 505-0453	1 1	Begin Spec J Elbow, Pipe - 90 DEG (3 NPT)	50	870-0048	4	Nut, Self-locking - Hex (5/16-18)
. 9		3	Screw, Cap - Hex Head (5/16-18 x 2-1/2")	21. 22	850-0045 155-0789	4 2	Washer, Lock - Spring (5/16") Bracket, Support - Muffler
10	526-0113	6	Washer, Flat (11/32"ID x 1" OD x 3/2"THK)	6. 4.			"Mounting
11	870-0257	3	Nut, Self-locking - Hex Washer Head (5/16-18)				





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Gontrol - Engine

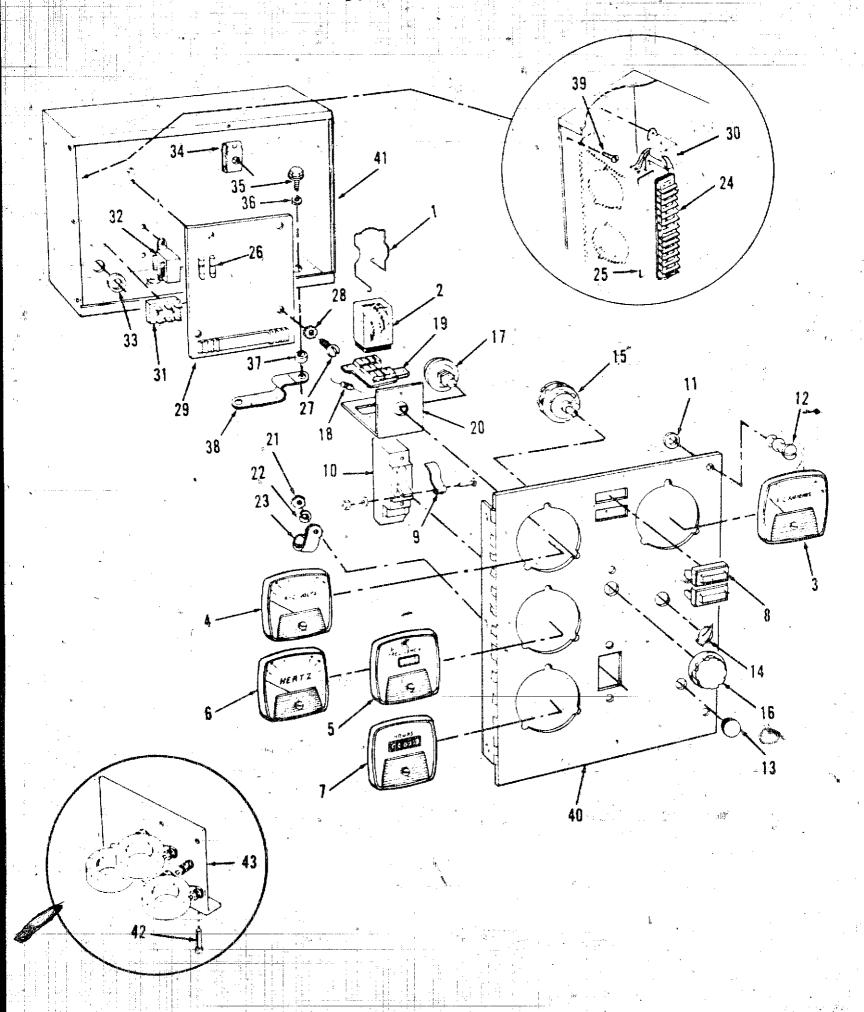
			and the second s	REF	PART		OTY	PART
REF	PART	OTY	PART	NO.	NO.		USED	DESCRIPTION
NO.	NO.	USED	DESCRIPTION	117.		- 1		
			12 VDC/DS11)	29	356-0072		1	Capacitor, Electrolytic -
1	322-0004		Lamp = 12 VDG(DS11)			-11		4000MFD, 30VDC (C2)
. 2	322-0149		Light, Panel		812-0061	•	1	Screw. Machine - Round Head
3	307-1157	4	Spring, Holddown - Relay		_			(#6-32 x 3/8")
4	307-1058	1	Relay - Ignition(K12)		853-0003		1.1	Washer, Lock - ET (#6)
5	307-1058	1	Relay - Start Disconnect(K11)		860-0006		1	Nut, Hex (#6+32)
6	307-1058	1	Relay - Run Alarm K15)	30	356-0070		1	Clamp, Mounting - Capacitor
. 7	307-1061	1	Relay - Start Protection(K14)		812-0063		- 2	- Screw, Machine - Round Head
8	518-0374	1	Fastener, Snap-In		art in the	:	3	-(#6-32 x 1/2")
9			Control, Cranker - 12VDC(A12)		853-0003		2	Washer, Lock - ET (#6)
	300- 0733	1 "	Standard	31	B70-0053		1	Nut, Hex (#10-32)
	300-0714	ì	Cycle 1	32	and the contract of the contra		1 '	Washer, Lock - Spring (#10)
10			Monitor, Engine - 12VDC(AII)	33	332-0051		1	Clamp, Loop
	300-0679	1	Standard (1 Fault Light)	34			.5.,	Harness, Wirings- Eng Control
	300-0730	1	Penn State (1 Fault Light)	٥.	•	:		Selection Reg'd, Contact
	300-0681	1 .	Standard (5 Fault Light)	-		Α.	;	7/ Onan Distributor)
11	332-1276	2	Plug, Keying	35	332-1043		4	Jumper, Terminal
13		_	Gauge, Oil Press - 12VDC(M11)	36	302			Block, Terminal(TB11)
	193-0243	1	Begin 1977	J-0	332-1005	4	. 1	20 Place
	193-0107	1	Thru 1976		332-0795	,	1	16 Place
14			Gauge, Water Temp - 12VDC(M12)	37	336			Strip, Marker
	193-0245	1	Begin 1977 .	3,	332-1559		1	20 Place
	193-0106	1	Thru 1976		332-1271	-	. 1	16 Place
15	302-1362	1	Ammeter (M13)	3.E.	332-0537		1	Block, Terminal - 4 Place(TB12)
16			Gauge: 0il Temp - 12VDC(M14)	39			ī	Strip Marker - 4 Place
	193-0248	1	Begin 1977	40			ī	Block Terminal - 6 Place
	193-0187	. 1	Thru 1976	41			1 -	Strin Marker - 6 Place
17		1	Tachometer(M14)				3	Socket, Relay (Less Terminals)
18			Light, Indicator - 14VDC	42,	9 332-1280		11	\ Terminal
	322-0107	1	Red - OVERCRANK (DS12)		6761		1	Socket, Relay (Less Terminals)
: -	322-0108 [\]	1	Red - LO OIL PRESS (DS14)	43	332+1280		8	Terminal
	322-0109	1	Red - HI ENG TEMP (DS15)		815-0392		1	Plug, Keying
5 ·	322-0110	. 1	Red - LO ENG TEMP (DS16)	AA			ī	Housing, Terminal
	322-0111	.1	Red - OVERSPEED (DS13)	44	332-1269		22	Terminal
	322-0128	1	Red - FAULT (DS12)	A C		-		Terminal Ground
	322-0283	11	Red - SWITCH OFF (DS17)	45				(Includes Parts Marked *).
	322-0136	14	Red - (Blank, No Legend)		871-0010		2	*Nut Hex - Brass (#10~32)
19	9		Switch, Toggle - Selector(S12)		850-0030		i	*Washer, Lock - Spring (#10)
19	308-0138	1	Standard				ž	*Washer, Flat:(#kU)
	308-0327	$\bar{1}$	Penn State		526~0062 853~0008		1	*Washer Lock - ET (#10)
วก	333-0194-0	1 1	Flasher - 12VDC(S13)				. 1	— Machor Lock Lil (₹10/
2.0	813-0105	- " ī	Screw, Machine - Round Head		856-0003		' 1	*Screw, Machine - Round Head.
	973-0702		(#10-32 x 1")		815-0203	1	;	Brass (#10-32 x 7/8"
זמ	301-6053	1	Reacket Mounting - Flasher		nse haar		5	Screw, Machine . Truss Head
21		i	Switch, Toggle + 5P51(511)	46	815-0026	,	. 3	(#10-32 x 3/8")
22	0000	2	Screw, Machine - Round Head	٠	* ATA AAF	"	. 1	Not, Hex (#10-32)
24	F 013-0030 ≥		(#10-32 x 3/8")	47				Washer, Lock - Spring (#10)
	מבט טעסט	ź ·	Washer, Lock - Spring (#10)	48			4	Washer, Lock - ET (#10)
25		2	Washer, Flat (#10)	4.9			1	Bracket, Mounting - Eng Control
26	5 526-0009	1	Relay, Solenoid - Starting,	50		\$, ,	Panel, Control - Engine
27	7 307-1031	1	12VDC (K13)	:5)	l			(Selection Reg'd, Contact
	mrr 0003	າ .	Washer, Lock - EIT (#10)					Onan Distributor
28	8 856-0003	2	WWGIIWA & WARMS WITCH					Fuse, Cartridge - 5AMP (F11)
Aurice general ()	The transfer of the Section of the S	net ^{Supp}		5			ļ	a ruse, care raye
• .			A Commence of the Commence of	5.	3 321-021	ľ	1	Fuseholder
	· :	•		letter.	e confirmation and the confirmation of the con		والعاد بوداد	The Company of Control

- Parts Included in Ground Terminal.



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Control - Generator





Control - Generator

ا انت.	2 3	307-1157				. NO.	USED	DESCRIPTION
	3		1	Spring, Holddown - Relay	19	+ 323-0765	1	Socket, Relay (Less Terminals)
•	-	<u>307-10</u> 61	1	Relay (K21)		812-0061	. 2	Screw, Machine - Round Head (#6-32 x 3/8")
		302-0405	"	Ammeter (M21) 0-50 AMP	•	853-0003	2	Washer, Lock - ET (#6)
		302-0406	I.	0-75 AMP		860-0005	2	Nut, Hex (#6-32)
		302-0408	ì	0-100 AMP		332-1280	11	Terminal
		302-0410	1	0-150 AMP	20	301-3244	î	Bracket, Mounting - Relay
		302-0411		0-200 AMP	21	870-0053	î	Nut, Hex (#10-32)
		302-0412	_1 1	0-250 AMP	22		ī	Washer, Lock - Spring (#10)
		302-0719	1	0-75, 0-150 AMP	23	332-0051	ī	Clamp, Loop
		302-0720	î	0-100, 0-200 AMP	24		, –	Block, Terminal (TB21)
		302-0721	î	0-150, 0-300 AMP	,	332-0607	1.	12 Place
•		302-0722	î	0-200, 0-400 AMP		332-0795	1	16 Place
		302-0723	ĩ	0-250, 0-500 AMP		812-0066	2	Screw, Machine - Round Head
	4	0,02 0-20	_	Voltmeter (M22)				(#6-32 x '3/4")
		302-0421	1	0-300 VAC		853-0003	2	Washer, Lock - ET (#6)
	.1	302-0422	1	Ö-600 VAC		850-0020	2	. Washer, Lock - Spring (#6)
		302-0612	1	0-500 VAC	25		•	Strip, Marker
٠,,		302-0779	1	0-750 VAC		332-1242	1	16 Place
		302-0718	1	0-300, 0-6000 VAC		332-1248	1	12 Place
	5			Meter, Freq - Reed Type(M23)		321-0204	2	Fuse, Cartridge - 1/4 AMP
		302-0213	1	115 VAC, 60 Hertz	27	812-0065	4	Screw, Machine - Round Head
		302-0221	1	230 VAC, 60 Hertz			_	(#6-32 x 5/8")
		302-0234	, 1	115 VAC, 50 Hertz	28		4	Washer, Lock - ET (#6)
		302-0256	1	230 VAC, 50 Hertz	. 29		_	Regulator, Voltage (VR21)
1	6			Meter, Freq - Pointer(M23)		332-1264	46 , 1	Spec D & E, Brush Type Gen
		302-0809	1	120 VAC, 60 Hertz 👚		332-1268	1	Spec F Thru J, 120VAC Signal Req
		3 02-0810	1	208 VAC, 60 Hertz		332-1956	1	Begin Spec K, 240VAC Signal Req'd
1 -		302-0811	1	240 VAC, 60 Hertz	30		•	Transformer, Voltage (T21)
	7		_	Meter, Time Totalizing(M24)		315-0342	1	120 VAC
		302-0466	1	60 Hertz		315-0431	1	240 VAC
		302-0469	1	50 Hertz		812-0061	2	Screw, Machine - Round Head (#6-32 x 3/8")
	8			Light, Indicator - 125 VAC		053 0003	2	Washer, lock - ET (#6)
		322-0130	1	Red - UPPER SCALE (DS21)	21	853-0003	2 1	Rectifier, Bridge (CR21)
		322-0131	1	Red - LOWER SCALE (DS22)	31	305-0675 812-0070	2	Screw, Machine - Round Head
**		322-0178	1	Red - Blank (No Legend)	_	015-0010	٤	(#6-32 x 1-1/4")
		320-0307	1	Lock, Handle - Circuit Breake Screw. Machine - Round Head		850-0020	2	Washer, Lock - Spring (#6)
		815-0203	1	(#10-32 x 7/8")		315-0384	. 1	Reactor (L21)
`		854-0010	1	Washer, Lock - ET (#10)	JE	812-0061	Ž	Screw, Machine - Round Head
		871-0010	1	Nut, Hex (#10-32)		012 0001	. ~	(#6-32 x 3/8")
1		320-0431	. 1	Breaker, Circuit (CB21)		853-0003	2	Washer, Lock - ET (#6)
4		812-0061	2	Screw, Machine - Round Head	33	- 508-0 001	<u> </u>	Grommet
		,D12-0001		(#6-32 x 3/B")	34		2	Receptable: Turnbutton
		850-0020	2	Washer, Mock - Spring (#6)				Fastener
1		406-0334	2	Clip, Retaining - Turnbutton	35	800~0045	4	Screw, Cap - Hex Head
		400-0559		Fastener	 -			(5/16-18 x 3/8")
. 1	2	406-0333	2	Stud, Turnbutton Fastener	36	850-0045	4	Washer, Lock - Spring (5/16")
		517-0131	1	Plug, Plastic	37		4	Dampener, Vibration
		303-0076	i	Knob, Pointer		337-0049	1	Strap, Electrical - Ground
		308-0284	ī	Switch, Selector (S21)	39	815-0026	3	Screw, Machine - Truss Head
		303-0032	ī				i .	(#10-32 x 3/8")
		303-0170		Rheostat (R2I)	40		"	Panel, Control - Generator
		350-0556	i	Resistor, Fixed, Composition	,			(Selection Reg'd, Contact
•	٠.	204 4440	٠	(R22)			**	Onan Distributor)
					41		r 1	Box, Control
			,	ab.	42	821 -0 010	2	Screw, Self-locking - Hex
				and the second s		•		Washer_Head $(1/4-20 \times 1/2")$
	٠.	· · · ·		to.	43			Current Transformer Assembly
ψij								(See Separate Page for

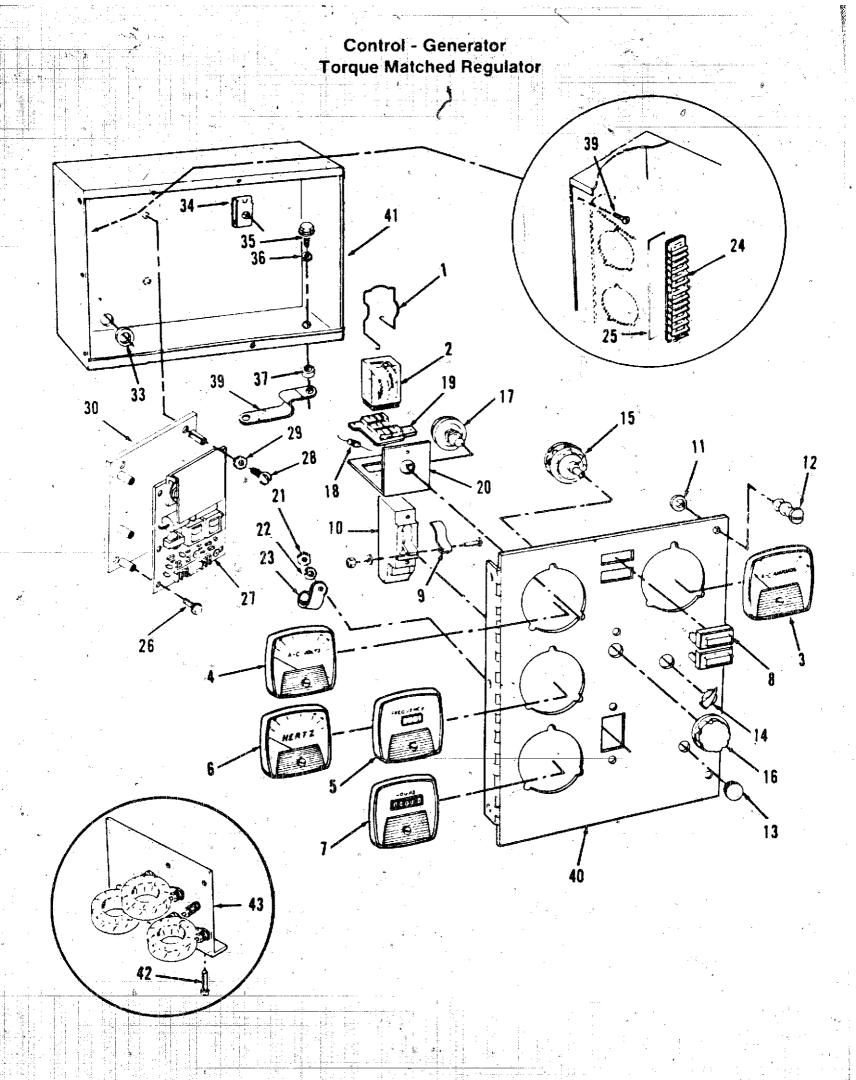
Control - Generator Switching Regulator 36



Control - Generator Switching Regulator

				1 #0			
REF	PART	QTY	PART	REF	PART	QTY	PART
NO.		USED	DESCRIPTION	NO.	NO.	USED	DESCRIPTION
te J				i.i. j. j.			
1	_307-1157	1	Spring, Holddown - Relay	19		1	Socket, Relay (Less Terminals)
ક:ં?્	307-1061	1	Relay (K21)		812-0061	2	Screw, Machine - Round Head
3			Ammeter (M21)	•	-111	ı'	(#6-32 x 3/8")
	302-0405	1	0-50 "AMP		853-0003	2	Washer, Lock - ET (#6)
	302-0406	1	0-75 AMP		860-0005	2	Nut, Hex (#6-32)
	302-0408	1	0-100 AMP		332-1280	11	Terminal
•	302-0410	1	0-150 AMP	20		1	Bracket, Mounting - Relay
	302-0411	1	0-200 AMP	21		1	Nut, Hex (#10-32)
•	302-0412	· 1	0-250 AMP	22		1	Washer Lock - Spring (#10)
1	302-0719	1	0-75, 0-150 AM P		332+0051	1	Clamp, Loop
	302-0720	1	0-100, 0-200 AMP	24	- <u>.</u>		Block, Terminal (TB21)
	302-0721	1	0-150, 0-300 AMP	:	-332-0607	1	12 Place
	302-0722	. 1	0-200, 0-400 AMP	,	332-079 5	1	16 Place
	302-0723	1	0-250, 0-500 AMP		812-0066	2	Screw, Machine - Round Head
- 4			Voltmeter (M22)				(#6-32 x 3/4")
4 -	302-0421	1	'0-300 VAC		853-0003°	2	Washer, Lock - ET (#6)
	302-0422	1	0-600 VAC		850-0020	2 "	Washer, Lock - Spring (#6) .
	302-0612	1	0-500 VAC	- 25			Strip, Marker
	302-0779	1	0-750 VAC	21.9	332-1242	1	16 Place
	302-0718	1	0-300, 0-6000 VAC		332-1248	1	12 Place
5			Meter, Freq - Reed Type(M23)	27	812 - 0065	4	Screw, Machine - Round Head
	302-0213	1	115 VAC, 6 0 Hertz				(#6-32 x 5/8")
	302-0221	1	230 VAC, 60 Hertz	28	853-0003	4	Washer, Lock - ET (#6)
	302-0234	1	115 VAC, 50 Hertz	29		•	Regulator, Voltage -
	302-0256	. 1	230 VAC, 50 Hertz	,	•	•	Switching (VR21)
6			Meter, Freq - Pointer(M23)		300-1928	1	Semi-Frequency Sensitive
•	302-0809	1	120 VAC, 60 Hertz		300-1929	1	Voltage Sensitive Type
19	302-0810	1	208 VAC, 60 Hertz		300-1930	1	Frequency Sensitive Type
"	302-0811	1	240 VAC, 60 Hertz	30	315-0431	1	Transformer, Voltage - 240VAC
7.	,		Meter, Time Totalizing (M24)				(T21)
	302-0466	1	60 Hertz		812~0061	- 2	Screw, Machine - Round Head
	302-0469	$\bar{1}$	50 Hertz				(#6-32 x 3/8")
8	202 1 ,51	-	Light, Indicator - 125 VAC .		853-0003	2	Washer, lock - ET (#6)
-	322-0130	. 1	Red - UPPER SCALE (DS21)	31	320-0202	1	Tie Bar - Circuit Breaker
	322-0131	ī	Red - LOWER SCALE (DS22)	32	315-0384	2	Reactor (L21, L22)
	322-0178	ī	Red - Blank (No Legend)		812-0061	4	Screw, Machine - Round Head
è	320-0307	1	Lock, Handle - Circuit 8kr	•			(#6∽32 x 3/8")
_	815-0203	ī	Screw, Machine - Round Hd		853-0003	4	Washer, Lock - ET (#6)
	010 0000	-	$(#10-32 \times 7/8^{\text{H}})$	33	508-0001	1	Grommet
	854-0010	1.	Washer, Lock - ET (#10)		₃ 406-0332	2	Receptable, Turnbutton
	871-0010	ī	Nut, Hex (#10-32)				Fa stener
10	320-0455	2	Breaker, Circuit (CB21)	35	800-0045	4	Screw, Cap - Hex Head
10	812-0061	4	Screw, Machine - Round Hd				$(5/16-18 \times 3/8^4)$
1.1	011 0001	•	(#6-32 x 3/8")	36	850-0045	4	Washer, Lock - Spring (5/16")
	850-0020	4	Washer, Lock - Spring (#6)	37	402-0078	4	Dampener, Vibration
11	406-0334	2	Clip, Retaining - Turnbutton	38	337-0049	1	Strap, Electrical - Ground
11	400-0004		Fastener	39	815-0026	3	Screw, Machine - Truss Head
12	406-0333	- 2	Stud, Turnbutton Fastener				(#10-32 x 3/8")
12 13		. 1	Plug, Plastic	40			Panel, Control - Generator,
	303-0076	1	Knob, Pointer	,,,			(Selection Reg'd, Contact
14 15	308-0284	1	Switch, Selector (S21)				Onan Distributor)
		1	Knob "	41	301-3158	1	Box, Control
16	303-0032	1		42	821-0010	2	Screw, Self-locking - Hex
17	303-0170	1	Rheostat (R21) Resistor, Fixed, Composition	7L	SEI OUIG	-	Washer Head (1/4-20 x 1/2")
18	350-0556			43			Current Transformer Assembly
	April 1		(R22)	40			(See Separate Page for
					i.	•	Components)
		<u> </u>					47
		According to the control of the	一种 1、 一点相似,有效是一样 1、 一种的是一样 1、 一定事业,有证据,如此,并				· · · · · · · · · · · · · · · · · · ·



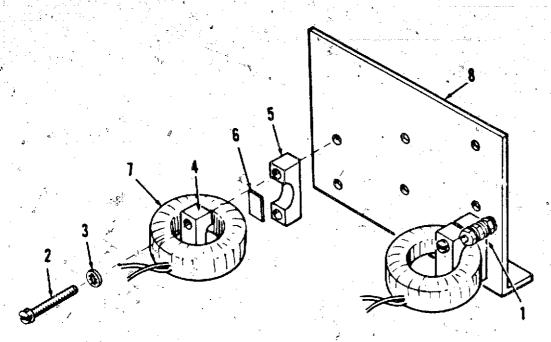


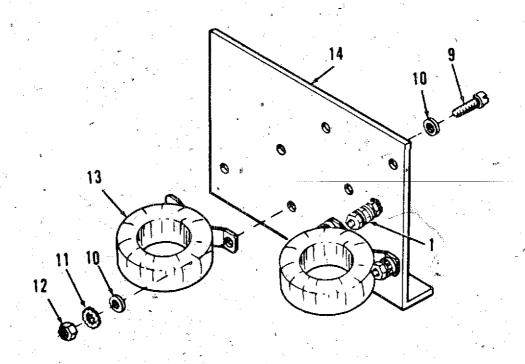


Control - Generator Torque Matched Regulator

REF	PART	QTY	PART		EF	PART	QTY	PART
NO.		USED-	DESCRIPTION		0.	NO.	USE	
	307-1157	1	Spring, Holddown - Relay	1	3	517-0131	1	Plug, Plastic
Ž	307-1061	ī	Relay (K21)	_	4	303-0076	1	Knob, Pointer
3	40. 100x		Ammeter (M21)	-	5	308-0284	î	Switch, Selector (S21)
•	302-0405	. 1	0-50 AMP		6	303-0032	î	Knob
	302-0406	ī	0-75 AMP		7	303-0261	i	Rheostat (R21)
	302-0408	i	0-100 AMP			350-0556	ì	Resistor, Fixed, Composition
	302-0410	. 1	0-150 AMP			350-03307	•	(R22)
	302-0411	i	0-200 AMP	1	Q	323-0765	1	Socket, Relay (Less Terminals)
	302-0412	·i	0-250 AMP	•		812-0061	Ž	Screw, Machine - Round Head
	302-0719	î	0-75, 0-150 AMP	*		012-0001	-	(#6-32 x 3/8")
	302-0720	. 1	0-100, 0-200 AMP			853-0003	* 2	Washer, Lock - ET (#6)
	302-0721	î	0-150, 0-300 AMP			860-0005	. 5	Nut, Hex (#6-32)
	302-0722	î	0-200, 0-400 AMP			332-1280	11	Terminal
	302-0723	i	0-250, 0-500 AMP		0.	301-3244	î	Bracket, Mounting - Relay
4	302-0723	-	Voltmeter (M22)			870-0053	î	Nut, Hek (#10-32)
7	302-0421	1	0-300 VAC		2	850-0030	î	Washer, Lock - Spring (#10)
	302-0422	1	0-600 VAC		23	332-0051	i	Clamp, Loop
	302-0612	1	0-500 VAC		4	332-0031	•	Block, Terminal (TB21)
-	302-0779	1	0-750 VAC	2		332-0607	1	12 Place
	302-0718	i	0-300, 0-6000 VAC		1	332-0795	î	16 Place
5			Meter, Freq - Reed Type(M23)			812-0066	2	Screw, Machine - Round Head
3	302-0213	¥ 1	115 VAC, 60 Hertz	•		012-0000	2	(#6-32 x 3/4")
	302-0221	1	230 VAC, 60 Hertz		2	853-0003	2	Washer, Lock - ET (#6)
	302-0234	1	115 VAC, 50 Hertz	*		850-0020	5	Washer, Lock - Spring (#6)
	302-0256	1 1	230 VAC, 50 Hertz	2	25	000-0050	ć.	Strip, Marker
6	302-0230		Meter, Freq - Pointer(M23)	_		332-1242 [*]	1	16 Place
. 0	302-0809	1	120 VAC, 60 Hertz			332-1248	ī	12 Place
	302-0810	i	208 VAC, 60 Hertz	2	6	815-0544	Ĝ	Screw, Machine - Round Head &
	302-0811	1	240 VAC, 60 Hertz		.0	015-0544		IT Lkwshr (#6-32 x 1/2")
.7	202-0011	s, **	Meter, Time Totalizing(M24)	. ,	27	300-2880	1	Regulator, Voltage - Torque
,	302-0466	· 1	60 Hertz		. •	300-2000	•	Matched (VR21)
	302-0469	1	50° Hertz	. 2	8.	812-0065	4	Screw, Machine - Round Head
-8	302-0403		Light, Indicator - 125 VAC			016-0003	₹*	(#6-32 x 5/8")
	322-0130	1	Red - UPPER SCALE (DS21)	2	9	853-0003	4	Washer, Lock - ET (#6)
	322-0131	· 1	Red - LOWER SCALE (DS22)		10	301-9315	í	Bracket, Mounting - Voltage
	322-0131	Ť	Red - Blank (No Legend)	. •		501 5515	. *	Regulator
. 6	320-0307	1	Lock, Handle - Circuit Bkr	3	13	508-0001	1	Grommet
32	815-0203	i	Screw, Machine - Round Hd		14		ž	Receptacle, Turnbutton
	913-0503	1	(#10-32 x 7/8")		, -7	400-0552	_	Fastener
	854-0010	1	Washer, Lock - ET (#10)	7	!5	800-0045	4	Screw, Cap - Hex Head
•	871-0010	i	Nut, Hex (#10-32)	•		JPC 00 13	•	(5/16-18 x 3/8")
10	320-0431	1	Breaker, Circuit (CB21)	3	16	850-0045	4	Washer, Lock - Spring (5/16")
10	812-0061	2	Screw, Machine - Round Hd			402-0078	4	Dampener, Vibration
	012-0001	-	(#6-32 x 3/8")		18.	337-0049	. i	Strap, Electrical - Ground
	850-0020	2	Washer, Lock - Spring (#6)			815-0026	วิ	Screw, Machine - Truss Head
11		2	Clip, Retaining - Turnbutton		, ,	020 0000		(#10-32 x 3/8")
11	400-0324	. 2	Fastener	Δ	0			Panel, Control - Generator
. 12	406-0333	2	Stud. Turnbutton Fastener					(Selection Reg'd, Contact
12	+00-0333	٠ .	bend, initibution (datence)					Onan Distributor)
				A	1	301-3158	1	Box, Control
·	· · · · · · · · · · · · · · · · · · ·				2	821-0010	. 2	Screw, Self-locking - Hex
					_	251-001A		Washer Head (1/4-20 x 1/2")
					3		*	Current Transformer Assembly
		🕶 🔭 🔻 .		•				(See Separate Page for
						4.		
		•	*					Components)



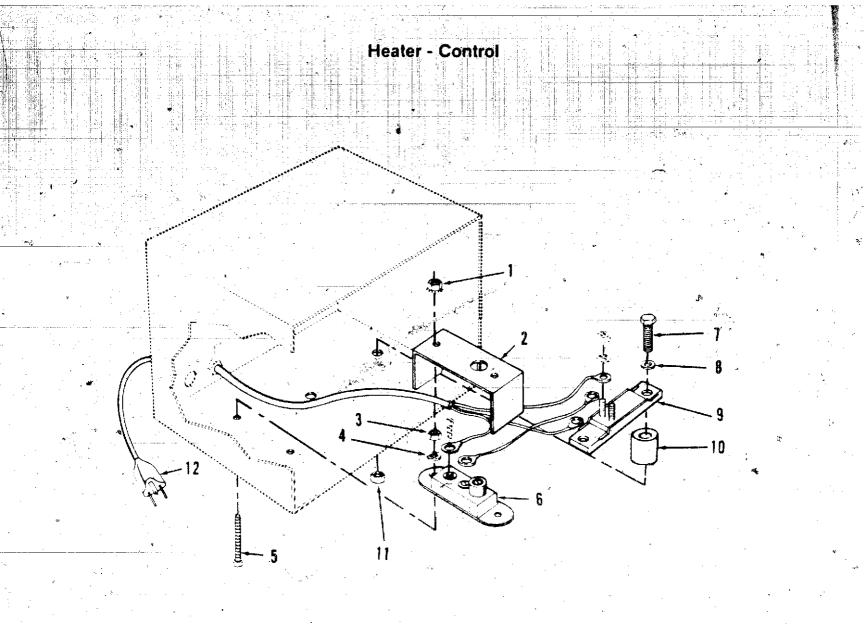




Current Transformer

1.404		100				Jan Darie	
REF	∦ PART	QTY.	PART	REF	PART	QTY	PART
	» NO.	USED	DESCRIPTION	NO.	NO.	USED	DESCRIPTION
		$\mathbf{v}^{e} = \cdots$	Ground Terminal	a A	302-0729	. 1	Bracket, Mounting - Transformer
1	015 0000	•	* C Mashina Pound Hoad		813-0100		Screw, Machine - Round Head
	815-0203	, L	Screw, Machine - Round Head	, , ,	013-0100		(#10-32 x 1/2")
,	*	`_	Brass (#10-32 x 7/8")	10	E36 0000	6	Washer, Flat (13/64"ID x
•	871-001 0	3	Nut, Hex - Brass (#10-32)	5 10	526-0008	Ü	7/16"0D x 1/32"THK)
	856-0003	1	Washer, Lock - EIT (#10)		000 0000		Washer, Lock'- EIT (#10)
	854-0010 ·	• 2	Washer, Lock - IT (#10)	11			
	526-0049	2	Washer, Flat - Brass	12	870-0053		Nut, Hex (#10-32)
	- · ·	1 1	(13/64"ID x 7/32 "OD x	13	302-0764	1	Bracket, Mounting - Transformer
	, a t		1/32"THK)	14	The second second		Transformer, Current with
2	813-0110	6	Screw, Machine - Round Head				Mounting Feet
	•		(#10-32 x 2")				Ratio (Ammeter Scale)
3	854-0010	6 .	- Washer, Lock - IT (#10). : " - " -	- yeli	302-0864	3	150/5 (0~75/0~150A)
4	302-0235	3	Clamp - Upper		302-0865	3 ,	200/5 (0-100/0-200A)
5	302-0236	3	Clamp - Lower	and the second	302-0866	_	250/5 (0-150/0-300A)
6	302-0253	6.	Shim		302-0608		400/5 (0-200/0-400A)
7		•	Transformer, Current	L .	302-0547	3	500/5 (0-250/0-500A)
v.			Ratio (Ammeter Scale)		•		
- `	302-0117	3	50/5 (0-50A)			1	
	302-0076	_{≈′} 3 :	75/5 (0-75A)	4			· · · ·
	302-0078		100/5 (0-100A)			*	•
	302-0079	3	150/5 (0-150A)			#	
	302-0106	3	200/5 (0-200A)				
	302-0209	ž	250/5 (0-250A)				
	JUL BLOS	~					·

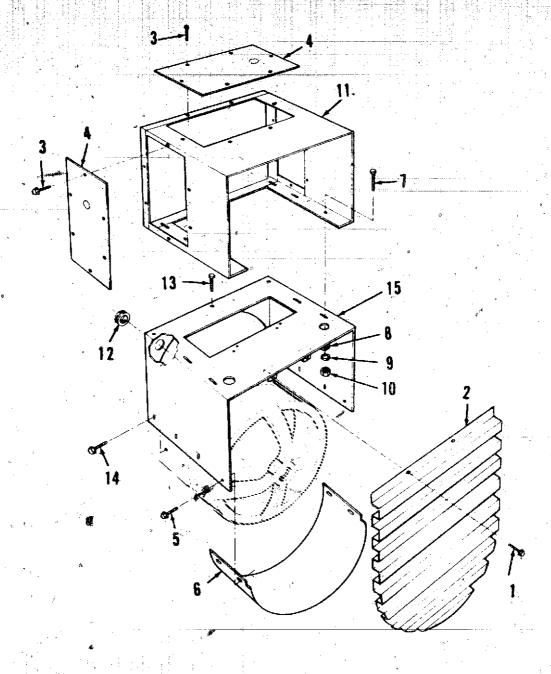




REF	PART NO.	QTY USED	PART DESCRIPTION	· ·	PART NO.	QTY USED	PART DESCRIPTION
- 1	870-0183	2	Nut, Self-locking - Hex	7.	800-0034	2	Screw, Cap - Hex Head (5/16-1/8 x 2-1/4")
2	301-1886	1	Washer Head (#6-32) Cover, Thermostat Nut, Hex (#6-32)	8	526-0113 333-0151	2 1	Washer, Flat (5/16") Heater, Elec - 75 W,
4	860-0006 854-0006 812-0070	1 2 2	Washer, Lock - IT (#6) -Screw, Machine - Round Hea	d 10	130-1107	2	120 VAC, 300 W, 240 VAC Spacer, Sleeve
	309-0128	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(#6-32 x 1-1/4") Thermostat - Adjustable	11	870-0257	2	Nut, Self-locking - Hex (5/16-18)
•	303 3120	# .		12	335-0161*	· 1	Cable, Elecrical



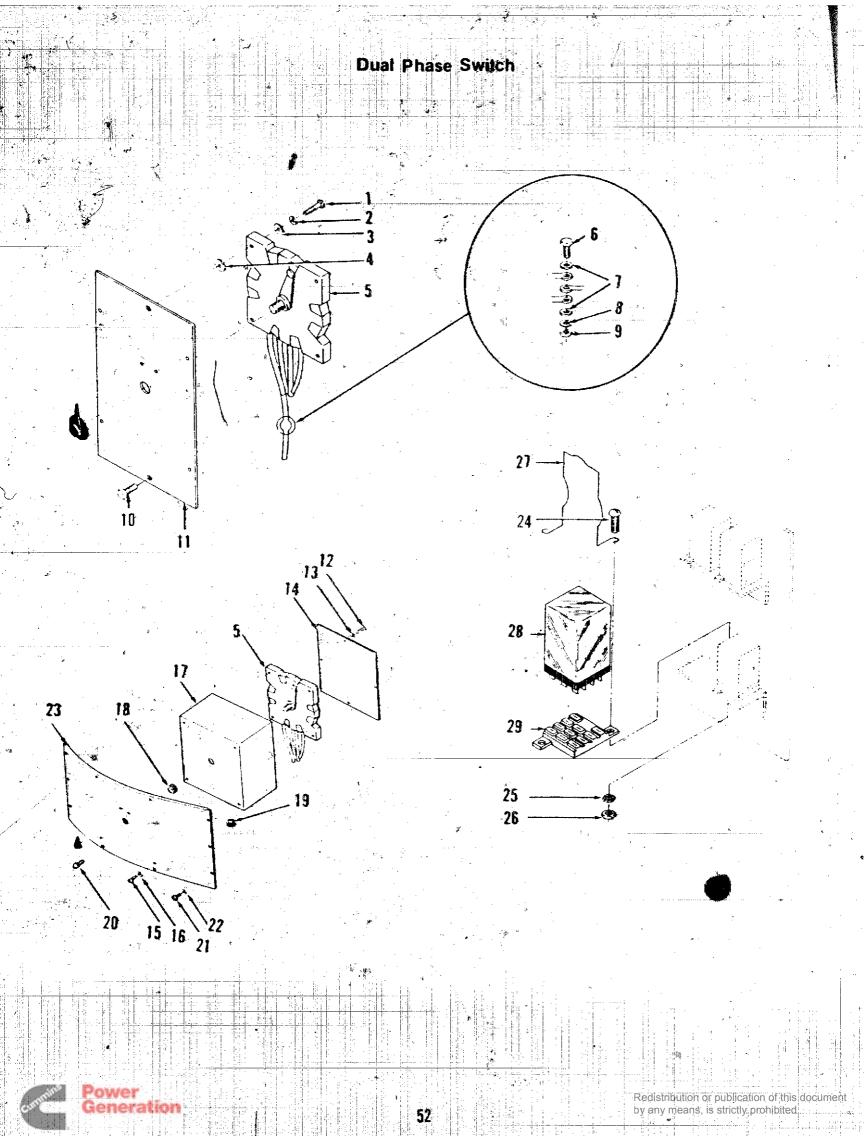
Control Housing



REF NO.	1,124L	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED		PART DESCRIPTION	•
	821-0010 234-0370 815-0350	1 G1	crew, Self-locking - Hex Washer Head (1/4-20 x 1/2") rill, Air crew, Tapping - Hex Washer	9	856-0006 526-0018 870-0212		Washer, 5/8"01 Nut. He	Lock - EIT (1/4") Flat (17/64"ID x D x 1/16"THK) x (1/4-20)	
3 4 5	301-3156 821-0010	3 P;	Head (#10-32 x 3/8") anel, Access crew, Self-locking - Hex Washer Head (1/4-20 x 1/2")		301-3155 508-0203 821-0010	1 1 1	Bushing Screw, Washe	Self-locking - Hex r Head (1/4-20 x 1/2")))
6 7	234-0361 821-0018	- 6 S	rapper, End Bell rew, Self-locking Hex Washer Head (1/4-20 x 5/8")	14 15	821-0014 301-3154	8	Washe	Self-locking - Hex r Head (5/16-18 x 1/2" Control Box	7

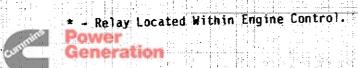


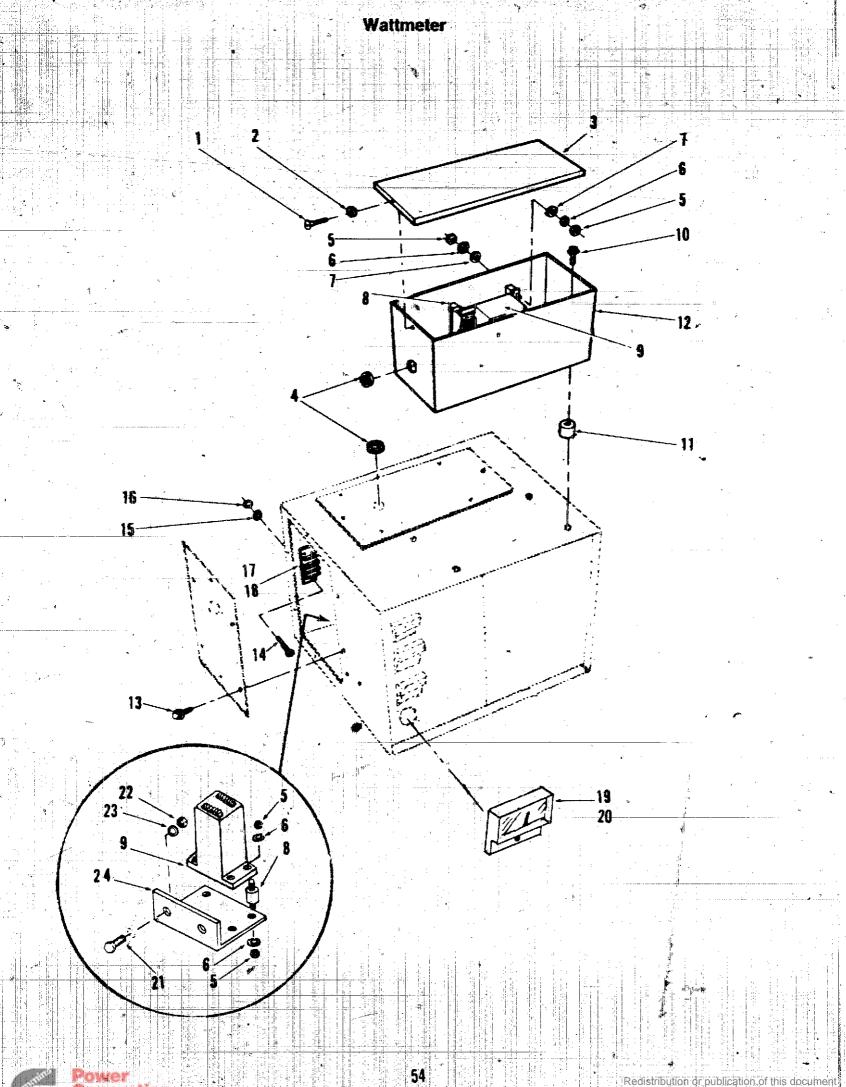
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Dual Phase Switch

REF NO.		QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1.	812-0153	4	Screw, Machine - Round Head, (1/4-20 x 1")	15	813-0097	4	Screw, Machine - Round Head (#10-32 x 5/16")
2	850-0040	4	Washer, Lock - Spring (1/4")	16	850-0030	· 4	Washer, Lock - Spring (#10)
3	526-0052	4	Washer, Flat (17/64 10 x	17	301-3283	1 🤌	Box, Switch (Housed Sets)
			9/16"00 x 1/32"THK)	18		. 1	Grommet (Housed Sets)
4	526-0054	4	Washer, Flat (21/64"ID"x	19	508-0115	2	Grommet (Housed Sets)
			3/4"OD x 1/16"THK)	- 20	821-0014	- 2	Screw, Self-locking - Hex
. 5	308-0152	1	Switch, Rotary (Includes Knob) -	4,		F	Washer Head (5/16-18 x 1/2")
. 6	800-0028	5	Screw, Cap - Hex Head	21	813-0098	- 6	Screw, Machine - Round Head (#10-32 x 3/8")
7	526-0002	. 10	Washer, Flat (21/64"ID x	22	850-0030	6	Washer, Lock - Spring (#10)
_	050 0045		9/16*00 x 1/16*THK)	₹23			Panel, Access - Rear
_	850-0045	5	Washer, Lock - Spring (5/16")		40F 1040	•	(Housed Sets)
9	862-0015	5	Nut, Hex (5/16-18)		405-1840	1	10-1/4"H x 22"W
10	821-0014	2	Screw, Self-locking - Hex.	24	405-2160	1	14-1/2"H x 22"W
11	301-3292	1.	Washer Head (5/16-18 x 1/2") Panel, Mounting - Switch	24	812-0061	2	Screw, Machine - Round Head (#6-32 x 3/8")
11	301-3232	ŕ	(Unhoused Sets)	25	853-0003	2	Washer, Lock - ET (#6)
12	813-0097	Λ	Screw. Machine - Round Head	26	860-0006	2	Nut, Hex (#6-32)
16	013-0037	7	(#10-32 x 5/16")	27	307-1157	1	Spring, Holddown - Relay
13	850-0030	Α	Washer, 'Lock - Spring (#10)	28	307-1143	î	*Relay (12 VDC)
	301-3284	ī	Cover, Box (Housed Sets)	29	323-0764	î	Socket, Relay (Less Terminals)
17	JUI-JEU4 .	•.	Cotes, any finance seral		323-1280	Ŕ	Terminal
			•		815-0392	ĭ	Plug, Keying

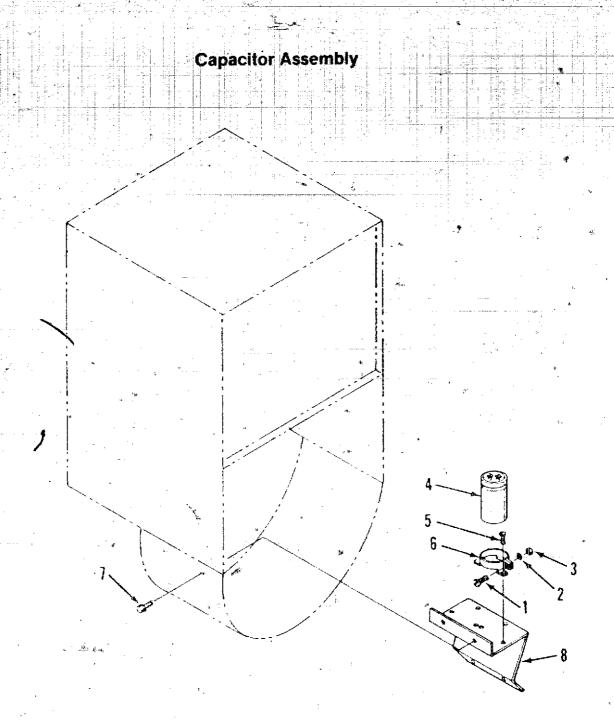




Wattmeter

REF	PART	QTY	PART	REF	0-	QTY	PART DESCRIPTION
NO.	NO.	USED	DESCRIPTION	HO.	MO.	USED	
71	815-0026	2	Screw, Machine - Truss Head	12	301-3477	1	Box, Transducer (External Installation)
2 -	-853-0008	, 2	Washer, Lock - ET (#10) Cover, Transducer Box	13	815-0350	- 6	Screw, Tapping - Hex Washer Head (#10-32 x 3/8")
3	301-3476	1	(External Installation)	. 14	812-0063	4	Screw, Machine - Round Head (#6-32 x 1/2")
- 4: 5,	508-0001 860-0008	8 8	Grommet Nut, Hex (#8-32)	15	853-0003 860-0006	4	Washer, Lock - ET (#6) Nut, Hex (#6-32)
, 6, 7	853-0005 526-0003	8	Washer, Lock - ET (#8) Washer, Flat (11/64"ID x	16 17	332-0609	1	Block, Terminal Strip, Marker
B	402-0354	4	3/8"00 x 1/32"THK) Mount, Vibration	18 19	332-0610 302-1722	i	Wattmeter (Less Dial) Dial, Wattmeter
. 9	302-1082	1	Transducer, Watt 3 Phase, 60 Hertz	20	302-1721-01 302-1721-02		Scale 0-35 KW Scale 0-50 KW
	302-1083 302-1113	1	3 Phase, 50 Hertz 1 Phase, 60 Hertz	21	821-0017	ž	Screw, Self-locking - Hex Washer Head (5/16-18 x 1/2")
10		8	Screw, Self-Nocking - Hex Washer Head (5/16-18 x 1/2")	22		2	Nut, Hex (5/16-18) Washer, Lock - Spring (5/16")
11	402-0078	4	Mount, Vibration	23.° 24	850-0045 301-6987	1	Bracket, Mounting (Internal Installation)

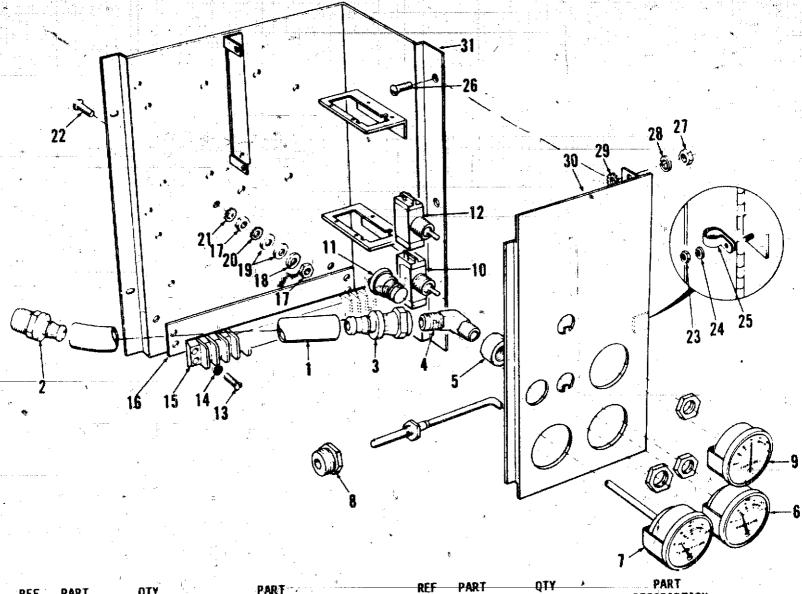




REF NO.		QTY USED	PART DESCRIPTION	
1	812-0078	(j) 2	Screw, Machine - Round Head	
M.	1.5	4. deal	(#8-32 x 7/16")	
2	850-0025	, 2	Washer, Lock - Spring (#8)	
	861-0007	2	Nut, Square (#8-32)	
	356-0090	2	Capacitor, Fixed, Electrolyic	
	812-0078	5	Screw, Machine - Round Head	
J	D12-00/0		(#8-32 x 3/8")	
_	356-0102	. 2	Clamp, Mounting - Capacitor	
			Screw, Self-locking # Hex	
1	821-0009	- I	The second of the second of the second	
13			Washer Head (1/4-20 x,3/8")	1
8	8 56+0104		Bracket, Mounting - Capacitor	ľ
- T				i
	네티 남편된 것			K







REF PART NO. NO. USED DESCRIPTION. NO. NO. USED DESCRIPTION								
1 503-107/ 2 502-0444								
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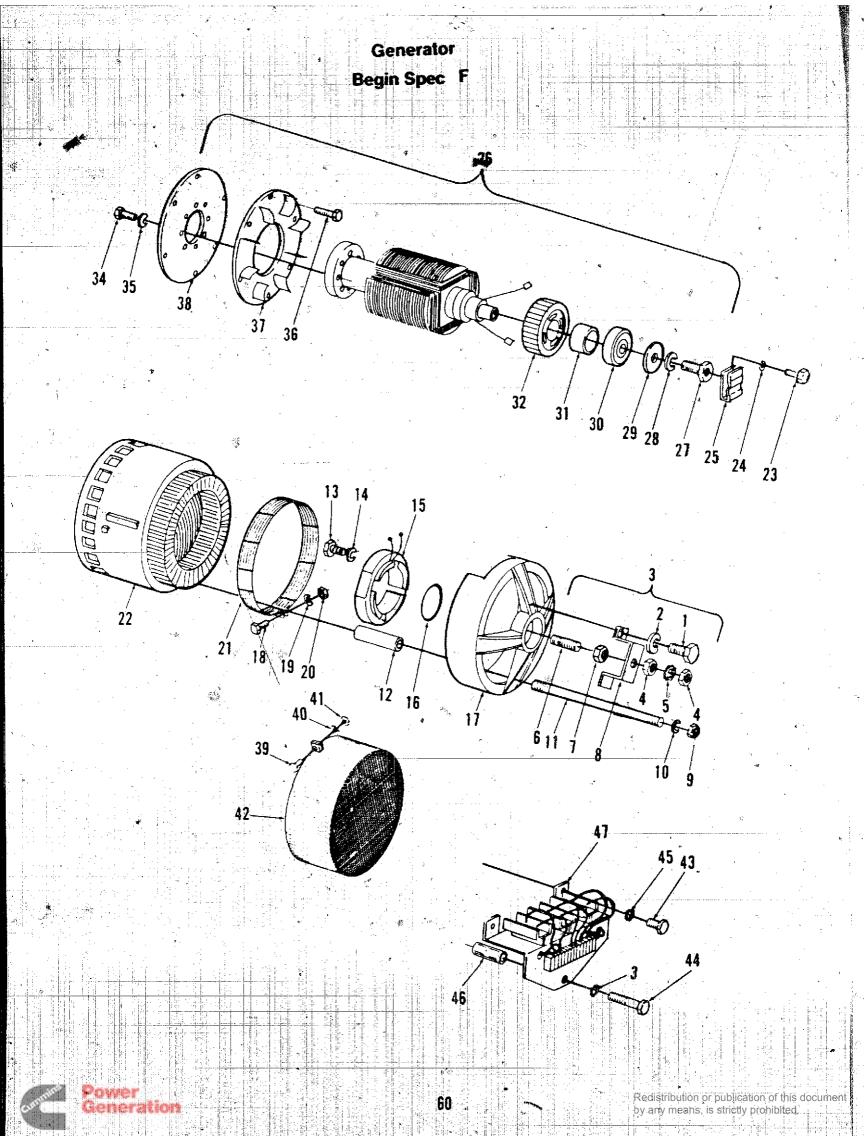


Generator

Spec D & E

REF	PART NO.	USED	PART DESCRIPTION		PART NO.	QTY USED	PART DESCRIPTION
T.	800-0003	2	Screw, Cap - Hex Head		220-1456	1	Code 15 Extended Stack
			(1/4-20 x 1/2")		220-1554	. 1	Code 53
2	800-0009	1	Screw, Cap - Hex Head		220-1454	1	Code 515
-			$(1/4-20 \times 1-1/2^{*})$		220-1456	1	Code 515 Extended Stack
3	853-0013	3	Washer, Lock - ET (1/4")	25	800-0048	1	Screw, Cap - Hex Head
4	305-0481	2	Spacer, Sleeve				$(3/8-16 \times 3/4^{4})$
5	305-0489	i -	Regulator, Voltage (See	26	856-0010	1	Washer, Lock - EIT (3/8")
	303-0403	•	Separate Page for	27	150-0717	1-	Switch, Overspeed
	·		Components)	28	100 07.17	• .	Rotor Assembly, Generator
E	062 0011		Nut, Hex - Grade 8 (3/8-16)	20	4		(Includes Fan, Drive Dis
6	862-0011	4			· 1		Bearing, Collector Ring)
7	850-0050	4	Washer, Lock - Spring (3/8")		201-1645	1	Code 3
. 8	F00 0701		Stud	1. 3	and the second second	i	Code 15
	520-0721	4	3/8-16 UNC x 16-11/32"LG		201-1643	. 1	Code 15 Extended Stack
	520-0723	4	3/8-16 UNC x 17-15/16"LG)		201-1645	1	
_		_	(Used on Extended Stack Sets)		201-1645	1	Code 53
9	503-0611	4	Hose, Rubber		201-1643	1	Code 515
10	114-0023	· 4	Screw, Cap - Hex Head, Heat		201-1645	1	Code 515 Extended Stack
			Treated (1/4-20 x 1-1/4")	29	800-0513	1	Screw, Cap - Hex Head,
11	850-0040	4	Washer, Lock - Spring (1/4")				Modified W/Tapped Hole
12-	526 -0108	4	Washer, Flat (17/64"ID x	30	850-0079	1	Washer, Lock - Spring (3/4
			7/16"OD x 1/32"THK)	31	526-0238	1	Washer, Flat - Steel Alloy
1 3	212-1225	4	Spacer, Sleeve				(13/16"ID x 2"OD x 3/16"
	526-0018	8	Washer, Flat (17/64"ID x	32	510-0101	1	Bearing, Ball
- '	* * * * * * * * * * * * * * * * * * * *		5/8"0D x 1/16"THK)	33	204-0083	1	Ring, Collector
15	212-0413	1 ·	Brush Rig (Includes Brushes	34	805-0035	8	Bolt, Place - Hex Head,
13	212 0 113	_	and Springs)	-			Grade 8)5/8-11 x 1-1/2"
16	214-0046	4	Brush, Generator	35	526-0259	8	Washer, Flat - Hardened St
10	815-0203	4	Screw, Machine - Round Head	50	020		(11/16"ID x 1-3/8"OD x
	813-0203	4	with ET Lockwasher, Brass		•	:	7/64"THK)
				36	805-0019	8	Bolt, Place - Hex Head,
		10	(#10-32 x 7/8")	30	003-0013	U	Grade 8 (3/8-16-1-1/4")
	853-0008	12	Washer, Lock - ET (#10)	27	205-0089	1	Fan, Cooling - Generator
	526-0049	4	Washer, Flat (13/64"ID x	37		1	Disk, Drive - Generator
			7/16"0D x 1/32"THK)		232-2078		
	871-0010	8	Nut, Hex - Brass (#10-32)	39	800-0008	1	Screw, Cap - Hex Head
	212-1105	4	Spring, Brush		000 0010	er er	$(1/4-20 \times 1-1/4")$
	509-0125	1	Seal, Oil - "O" Ring		850-0040	1	Washer, Lock - Spring (1/4
19	211-0185	. 1	End Bell, Generator	41		1	Nut, Hex (1/4-20)
	800-0008	2	Screw, Cap - Hex Head	42	234-0369	. 1	Cover, End Bell
			(1/4-20 x 1-1/4")				(Housed Sets Only)
21	850-0040	2	Washer, Lock - Spring (1/4")				. 20
	862-0001	2	Nut, Hex (1/4-20)				
23	234-0368	ī	Screen, Air		•		
24.			Stator Assembly, Generator		1.1		
∠ ₩.	220-1554	. 1	Code 3				
	220-1554	- <u>I</u>	Code 15		_		A Committee of the Comm



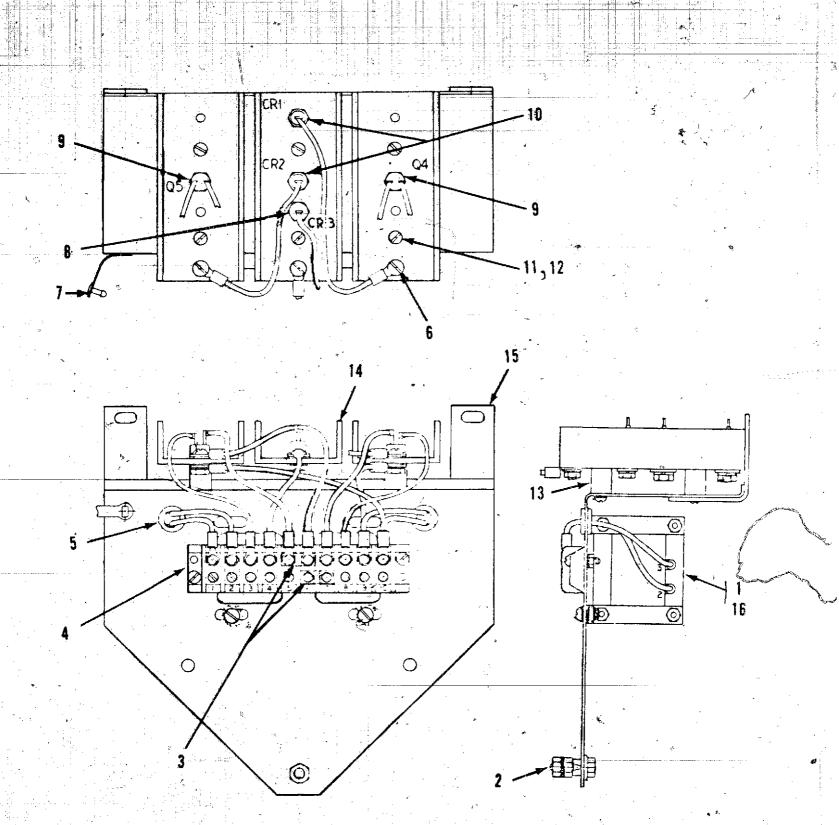


Generator Begin Spec

	REF NÓ.		QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	1	800-0003	2	Screw, Cap - Hex Head	26			Rotor Assembly, Generator
				$(1/4-20 \times 1/2")$		-		(Includes Fan, Drive Disk,
	2	800-0009	2	Screw, Cap - Hex Head				Bearing, Exciter Rotor)
		4	*	(1/4-20 x 1-1/2")		201-2671	1	Code: 3
	3	150-1456	1	Contact Assembly - Overspeed		201-2689	1	Code 3 Enviromental <
				Switch (Includes Contact				Protected
•		•		And Mounting Bracket)		201-2669	· <u>I</u>	Code 6D, 7, 9X, 15
				Begin 1976, Spec J		201-2671	1	Code 15 Extended Stack
	4	862-0001	· 2	Nut, Hex (1/4-20)		201-2687	> 1:	Code 15 Enviromental
	5	853-0013	1	Washer, Lock - ET (1/4")		201 2600		Protected 3
	5	150-0723	1	Contact, Electrical		201-2689	- 10 mm	Code 15 Extended Stack And
	. 7	870-0250	1	Nut, Insulated		201-2671		Enviromental Protected Code 53
* 1	8	150-1356	1	Bracket, Mounting - Contact		201-2689	1	Code 53 Enviromental
		862-0011 850-0050	4	Nut, Hex - Grade 8 (3/8-16) Washer, Lock - Spring (3/8")		201-2009		Protected
	10 11	000-000	. 4	Stud	-	201-2669	1 1	Code 515
•	11	520-0721	4	3/8-16 UNC x 16-11/32"LG		201-2671	1	Code 515 Extended Stack
		\$20-0723	4	3/8-16 UNC x 17-15/16"LG)	27	800-0513	1	Screw, Cap - Hex Head,
	er er	120-0123	7	(Used on Extended Stack Se		900-9313	•	Modified W/Tapped Hole
	1.2	503-0611	4	Hose, Rubber		850-0079	1	Washer, Lock - Spring (3/4")
	13	800-0009	4	Screw, Cap - Hex Head	29	526-0238	i	Washer, Flat - Steel Alloy
	13	900-0003 É	→	$(1/4-20 \times 1-1/2")$		320 0230	•	(13/16"ID x 2"OD x 3/16"THK)
	14	850-0040	4	Washer, Lock - Spring (1/4")	30	510-0101	1	Bearing, Ball :
	15		7	Stator, Exciter	31	232-2102	î	Spacer, Sleeve
	A U	220-2353	1	- Standard	32	200 2102	-	Rotor, Assembly & Exciter (See
		220-1774	1	Environmental Protected	- JL			Separate Page for Component)
<	16	509-0125	i ·	Seal, Oil - "O" Ring		201-1739	1	Standard
		211-0185	î	End Bell, Generator		201-1845	Ī~~~	Environmental Protected
		800-0008	ž	Screw, Cap - Hex Head	33	515-0145	·i	Key, Machine (1/4" x 1/4" x
	10	000 0000		(1/4-20 × 1-1/4"	1,5	V	_	7/8")
	19	850-0040	. 2	Washer, Lock - Spring (1/4")	- 34	805-0035	8	Bolt, Place - Hex Head,
		862-0001	ž	Nut, Hex (1/4-20)				"Gråde 8 (5/8-11 x 1-1/2")
	21	234-0368	ī	Screen, Air	35	526-0259	8	Washer, Flat - Hardened Steel
	22	20. 500-	-	Stator Assembly, Generator				$(11/16"ID \times 1-3/8"0D \times$
		220-1554	1	Code 3		· ·		7/64"THK)
	-	220-1847	1	Code 3 Enviromental	36	805-0019	8	Bolt, Place - Hex Head,
				Protected				Grade 8 (3/8-16 x 1-1/4")
		220-2624	1	Code 6D	37	205-0089	1	Fan, Cooling - Generator
		220-2462	1	Code 7	- 38_	232-2078	1	Disk, Drive - Generator
		220-1602	1	Code 9X	39	800-0008	1	Screw, Cap - Hex Head
	:	220-1454	1	Code 15			51	$(1/4-20 \times 1-1/4^n)$
. :		220-1456	1	Code 15 Extended Stack	40	850-0040	· · 1	Washer, Lock - Spring (1/4")
12		220-1786	1	Code 15 Environmental	41	862-0001	1	Nut, Hex (1/4-20)
				Protected	42.	234-0369	1	Cover, End Bell
		220-1788	1	Code 15 Extended Stack And	43	800-0003	2	Screw, Cap - Hex Head
:		**		Environmental Protected		· [*		(1/4-20 x 1/2")
		220-1554	1	Code 53	44	800-0009	1	Screw, Cap - Hex Head
		220-1847	* 1	Code 53 Environmental		·		$(1/4-20 \times 1-1/2")$
				Protected	45	853-0013	3	Washer, Lock - ET (1/4")
		220-1997	1	Code 515	46	305-0481	. 2	Spacer, Sleeve
	1.1	220-1999	1	. Code 515 Extended Stack	47	305-0491	1	Regulator, Voltage (See
	23	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")				Separate Page for Component) 1971 Thru 1975, Spec F,G, & H
	24	856-0010	1	Washer, Lock - EIT (3/8")				, or a manager of the state of
1		-150-0717	<u>ī</u>	Switch Overspeed				



Voltage Regulator



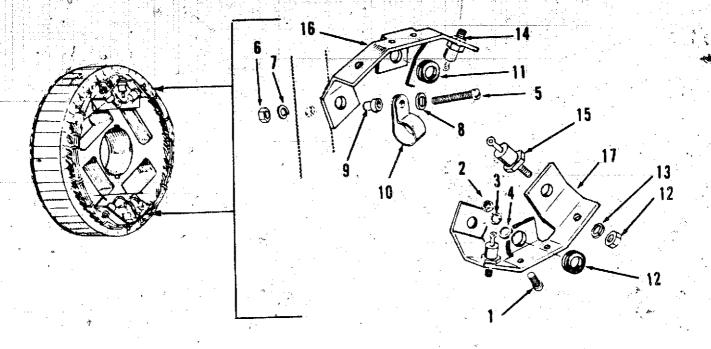


Voltage Regulator

	REF	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY ⇒USED	PART DESCRIPTION
	NO.	NV.	USLU	DESCRIPTION OF THE PROPERTY OF	- 1			
		305-0489	1	Regulator, Voltage -	7	332-1415	1	Clamp, Cable
			;	Brush Type Generators	8	358-0029	1	Rectifier (CR3)
		製		Spec D Thru E		871-0010	1	Nut, Hex - Brass (#10-32)
		305-0491	1	Regulator, Voltage -		B50-0030	1	Washer, Lock - Spring (#10)
				Brushless Generators,	, ali	526-0009	1	Washer, Flat (7/32 ID x
		. · · · · · · · · · · · · · · · · · · ·	·	Spec F Thru H				1/2"OD x 1/16"THK)
_•		315-0341	1	Reactor (L1) (Part of 305-0489)	9		7	Rectifier (Q4, Q5)
	•	813-0100	4	Screw, Machine - Round Head		364-0012	2	Part of 305-0489
		010 0100		(#10-32 x 1/2")	·	364-0014	2	Part of 305-0491
		853-0008	4	Washer, Lock - ET (#10)	· · ·	871-0018	2	Nut, Hex - Brass (1/4-20)
	2	NFS .	· · · · ·	Switch Assembly, Overspeed	.	850-0040		Washer, Lock - Spring (1/4")
•	٠.	862-0001	2	Nut, Hex (1/4-20)	*	526-0018	2	Washer, Flat (17/64"ID x
		853-0013	ī	Washer, Lock - ET (1/4")				5/8"OD x 1/16"THK)
		870-0250	1	Nut, Insulating (1/4")	10	•		Rectifier (CR1, CR2)
		150-0723	ī	Contact, Electrical	•	358-0031	- ₹2	Part of 305-0489
	3	332-1043	2	Jumper, Terminal		358-0035	. 2	Part of 305-0491
		332-1266	ī	Block, Terminal	12.1	871-0018	2	Nut, Hex - Brass (1/4-20)
	. •	812-0081	» 2	Screw, Machine - Round Head		850-0040	2	Washer, Lock - Spring (1/4")
		512 5001	_	(#8-32 x 5/8")	-	526-0018	2 、	Washer, Flat (17/64"ID x
		853-0005	" 2 ·	Washer, Lock - ET (#8)				5/8"00 x 1/16"THK)
		860-0008	2	Nut, Hex (#8-32)	11	812-0077	12	Screw, Machine - Round Head
	5	508-0002	2	Grommet				(#8-32 x 3/8")
4 '	, , , , ,			Leads, Electrical		8 53 -0 005	. 12	Washer, Lock ← ET (#8)
n `	· U	812-0079	3	Screw, Machine - Round Head		332-1265	6	Insulator, Standoff
		012-0075		(#8-32 x 1/2")		363-0048	3	Sink, Heat
		853-0005	• 3	Washer, Lock - ET (#8)	15	305-0482	1	Chassis "
		526-0048	2	Washer, Flat - Brass (11/64".	- 16	. 315~0343	1	Reactor (L1) Part of 305-0491
		J20-0040'		ID x 3/8"OD x 1/32"THK)	, m sight	812-0077	2	Screw, Machine - Round Head
٠		871-0007	3	Nut, Hex - Brass (#8-32)	**			(#8-32 x 3/8")
		5/1-000/	3	Complete the second of a party	16.	853-0005	2	Washer, Lock - ET (#8)
	_	• •				860-0008	2	Nut, Hex (#8-32)



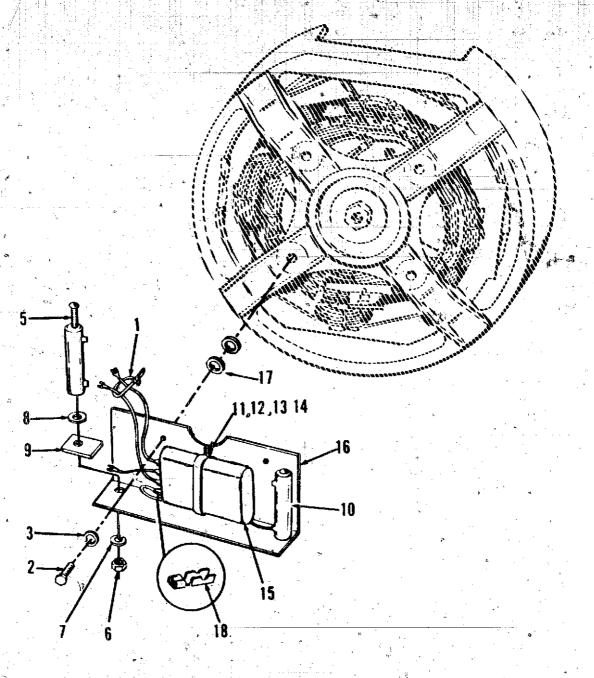
Exciter Rotor



PART NO.	QTY USED	PART DESCRIPTION
813-0100	2	Serew, Machine - Round Head (#10-32 x 1/2")
870-0053	2	Nut, Hex (#10-32)
	2	∍Washer, Lock - Spring (#10)
526-0008	2	Washer, Flat (13/64"ID x 7/16"OD x 1/32"THK)
813-0110	4	Screw, Machine - Round Head (#10-32 x 2")
870-0053	4	Nut, Hex (#10-32)
		Washer, Lock - Spring (#10)
526-0009	4	Washer, Flat (7/32"ID x 1/2"OD x 1/16"THK)
508-0187	4	Spacer, Stepped
		Clamp, Loop
	2	Grommet
	6	Nut, Hex (#10-325
	6	Washer, Lock - Spring (#10)
		Diode - Positive (CR1,CR2,CR3)
358-0097	3	Standard
358-0044	3	Enviromental Protected a
	•	Diode - Negative (CR4,CR5,CR6)
358-0096	3	Standard
358-0043	- 3	Enviromental Protected
	1	Sink, Heat - Positive Diodes
363-0055	1 *	Sink, Heat - Negative Diodes
	NO. 813-0100 870-0053 850-0030 526-0008 813-0110 870-0053 850-0030 526-0009 508-0187 332-0050 508-0093 870-0053 850-0030 358-0097 358-0094 358-0094 358-0094	NO. USED 813-0100 2 870-0053 2 850-0030 2 526-0008 2 813-0110 4 870-0053 4 850-0030 4 526-0009 4 508-0187 4 332-0050 2 508-093 2 870-0053 6 358-0093 3 358-0044 3 358-0043 3 363-0054 1



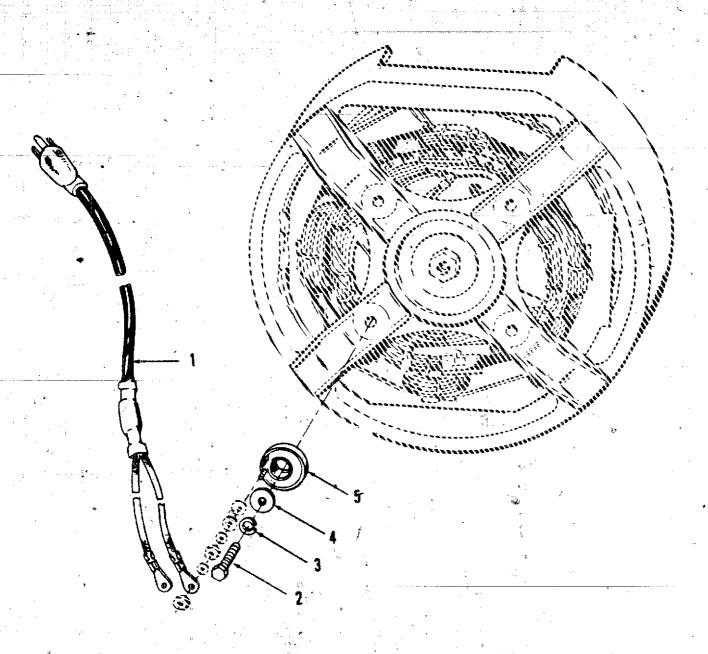
Filter - Voltage Regulator



REF	PART NO.	QTY PART USED DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-0941	5 Tie, Cable	11	813-0098	2	Screw, Machine - Round Head (#10-32 x 3/8")
	800-0003	2 * Screw, Cap - Hex Head (1/4-20 x 1/2")		870-0053 850-0030	2	Nut, Hex (#10-32) Washer, Lock - Spring (#10)
	850-0040 812-0165	2 Washer, Lock - Spring (1/4") 2 Screw, Machine - Round Head	14	312-0189 312-0188	1. 1	Bracket, Mtg - Capacitor Capacitor, Fixed
	862-0001	(1/4-20 x 4-1/2") 2 Nut, Hex (1/4-20) 2 Washer, Lock - Spring (1/4")		232-2218	1	(15 MFD, 400 VAC) Bracket, Mtg - Filter
8	850-0040 304-0427	4 Washer, Centering	17 18	526-0018	15	Washer, Flat (1/4") Terminal, Lug
	304-0292 354-0025	2 Insulator 2 Resistor, Fixed, Wirewound (10 Ohm, 100 Watt)		332-0529 332-1279	8	Bare (14-18 AWG) Insulated (14-18 AWG)

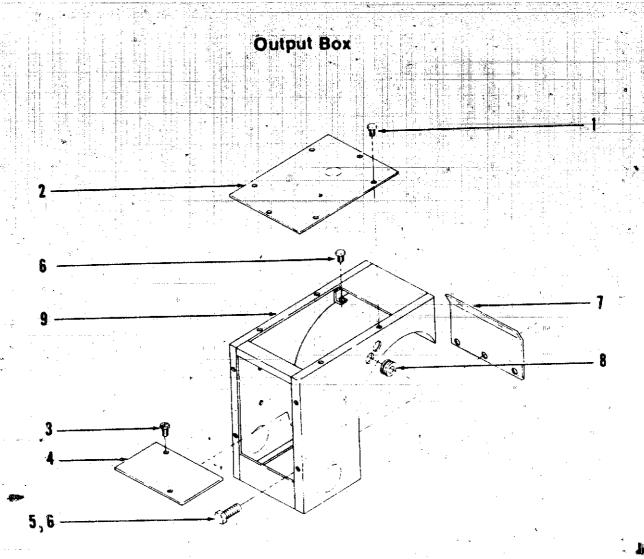




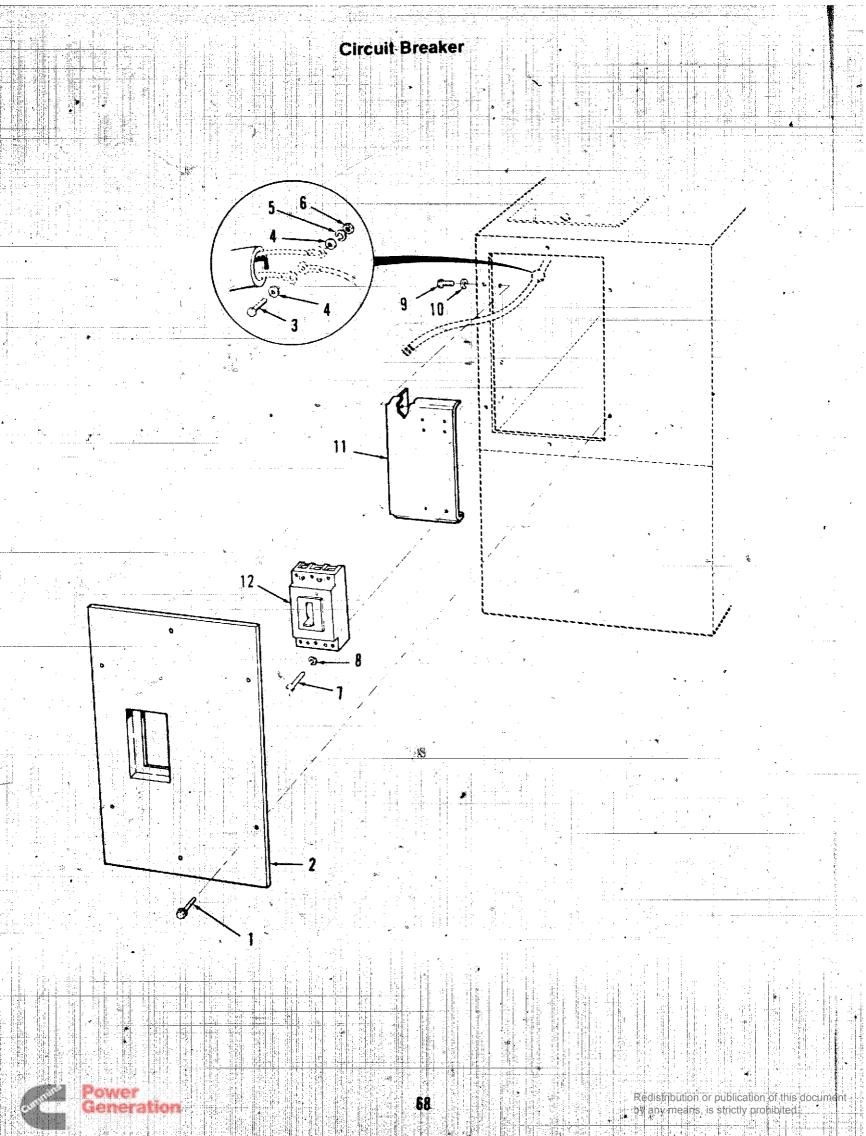


		• • • • • • • • • • • • • • • • • • • •		 REF NO.			QTY USED	PART DESCRIPTION
	· .		1	1				Cable, Electrical (Includes Thermostat)
					335-0146 335-0147		1	120 VAC 240 VAC
 				2	800-0004	;	ĩ	Screw, Cap - Hex Head (1/4-20 x 5/8")
	i		 	. 3	850-0038		1	Washer, Lock - Spring (1/4") Washer, Flat (17/64 ID x
a	Ħ.			4	526-0158		#	1*00 x 1/8*THK)
\		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		5	333-0059 333-0192		1	Heater, Electrical





REF NO.	PART NO.	QTY ·	PART DESCRIPTION
1	821-0005	12	Screw, Self-locking - Hex Washer Head (#10-32 x 1/2")
2	301-3156	. 2	Panel, Access
	815-0030	2	Stotted (#10-32 x 3/8").
4	301-3195	1	Plate, Access - Bottom
	821-0014	2	Screw, Self-Tocking - Hex Washer Head (5/16-18 x 1/2")
6	821-0010	2	Screw, Self-locking - Hex Washer Head (1/4-20 x 1/2")
7	301-3196	1.	Bracket, Support - Current Transformer Assembly
· R	508-0203	.1	Bushing
	301-3191	1	Box, Output



Circuit Breaker

REF NO.	PART NO.	QTY USED	PART DEȘCRIPTION	REF NO.	PART NO.	•	QTY USED		PART		
1	815-0350	6	Screw, /Tapping - Hex Washer	12				*Circuit			a Nal+an
-		at .	Head (#10-32 x 3/8")	100						Application	
-2	301-3192	1	Panel, Cover - Circuit Breaker		320-0416		1		TB T	(347/600V)	3 Phase)
3	800-0028	∵ 5	Screw, Cap - Hex Head	in gr	320-0414		1	70 AM		(277/480V)	
			(5/16-18 x 1*)		320-0379		1	90 AMS		(220/380V)	
4	526-0022	10	Washer, Flat (21/64"ID x		_320-0379		1	90AM		(200/346V	
			9/16*00 x 1/16"THK)		320-0346		1	150AM		(120/240V	
5	850-0045	5	Washer, Lock - Spring (5/16")		320-034 6		1	150AM		(120/208V	
6	862-0015	5	Nut, Hex (5/16-18)		320-0359		1	225 AM	P. CA	(120/240V)	1 rnase)
7	812-0094	4	Screw, Machine - Round Head (#8-32 x 3-5/8")	**							" i.
8	850-0025	4	Washer, Lock - Spring (#8)								1
9	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")						: _p •		. :
10	850-0040	2	Washer, Lock - Spring (1/4")						*		
11	301-3197	. 1	Bracket, Mounting - Circuit Breaker					485 d		÷.	и

* - NOTE: For Circuit Breakers not listed above - Contact
your nearest ONAN DISTRIBUTOR and provide the
complete Model, Specification and Serial
numbers from the Generator Set. Also any
identifying numbers or ratings from the Circuit
GeneralicBreaker to be replaced.

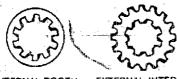
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HARDWARE IDENTIFICATION

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

WASHER T











LOCK (ET)

LOCK (IT)

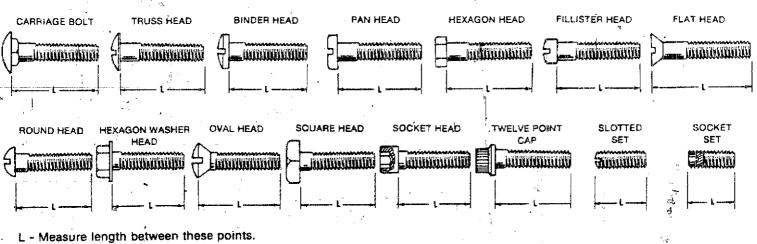
TOOTH LOCK (EIT)

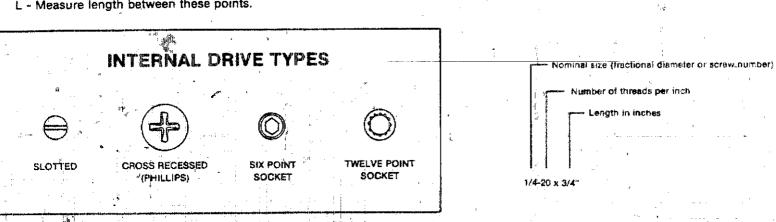
COUNTERSUNK EXTERNAL TOOTH LOCK

LOCK

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

BOLT AND SCREW TYPES









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